

**AGRICULTURE, RURAL DEVELOPMENT, FOOD
AND DRUG ADMINISTRATION, AND RELATED
AGENCIES APPROPRIATIONS FOR 2012**

HEARINGS
BEFORE A
SUBCOMMITTEE OF THE
COMMITTEE ON APPROPRIATIONS
HOUSE OF REPRESENTATIVES
ONE HUNDRED TWELFTH CONGRESS
FIRST SESSION

SUBCOMMITTEE ON AGRICULTURE, RURAL DEVELOPMENT, FOOD AND
DRUG ADMINISTRATION, AND RELATED AGENCIES

JACK KINGSTON, Georgia, *Chairman*

TOM LATHAM, Iowa

JO ANN EMERSON, Missouri

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MARCY KAPTUR, Ohio

NOTE: Under Committee Rules, Mr. Rogers, as Chairman of the Full Committee, and Mr. Dicks, as Ranking
Minority Member of the Full Committee, are authorized to sit as Members of all Subcommittees.

MARTIN DELGADO, TOM O'BRIEN, BETSY BINA, and ANDREW COOPER,
Staff Assistants

PART 4

UNITED STATES DEPARTMENT OF AGRICULTURE
Research, Education and Economics



Printed for the use of the Committee on Appropriations

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**AGRICULTURE, RURAL DEVELOPMENT, FOOD
AND DRUG ADMINISTRATION, AND RE-
LATED AGENCIES APPROPRIATIONS FOR
2012**

WEDNESDAY, MARCH 16, 2011.

DEPARTMENT OF AGRICULTURE

WITNESSES

**CATHERINE E. WOTEKI, UNDER SECRETARY FOR RESEARCH, EDU-
CATION AND ECONOMICS**

**EDWARD B. KNIPLING, ADMINISTRATOR, AGRICULTURAL RESEARCH
SERVICE**

**KATHERINE R. SMITH, ADMINISTRATOR, ECONOMIC RESEARCH SERV-
ICE**

**CYNTHIA CLARK, ADMINISTRATOR, NATIONAL AGRICULTURAL STA-
TISTICS SERVICE**

**ROGER BEACHY, DIRECTOR, NATIONAL INSTITUTE OF FOOD AND AG-
RICULTURE**

MICHAEL YOUNG, BUDGET OFFICER, DEPARTMENT OF AGRICULTURE

INTRODUCTION OF WITNESSES

Mr. KINGSTON. Okay. The committee will come to order.

And I would like to welcome back Dr. Catherine Woteki, who is a veteran of speaking to this committee on all things agriculture, good and evil and political.

And Dr. Knipling is back with us again, and we will try to come up with some hard questions for you and make you feel at home. We want you to have that.

Dr. Katherine Smith is with us and Dr. Cynthia Clark and Dr. Roger Beachy. So, Mr. Young, that leaves you the only one without a Ph.D. on the panel, but you know where all of the money is.

But we are glad to have you guys with us, and your testimony has been submitted. So you are welcome to read it verbatim or summarize it. Mr. Farr and I probably have a preference, and I bet you can guess which one, but you do whatever you feel comfortable with because actually I do know bouncing around this is very difficult.

And with that, Mr. Farr.

Mr. FARR. This is an area that is very keen and important to me and certainly the State of California and the Nation and my district. I really look forward to some interactive discussion here today.

Mr. KING. Dr. Woteki.

OPENING STATEMENT

Dr. WOTEKI. Well, thank you, Chairman Kingston, Congressman Farr.

We have provided written testimony from all four of the agencies as well as my testimony, and we appreciate your putting that into the record.

I will summarize briefly my testimony.

The team of scientists that are sitting before you really do represent the expertise that we have within the Department, as well as the dedication of this administration to invest in science to keep our nation and our economy healthy.

From providing nutritious food for children and families and supporting the productivity of our farmers, to helping to use our natural resources to create jobs and to mitigate the effects of climate change, the work that the Research, Education and Economics Mission Area does improves the lives of the American people and also has an impact that is felt around the world.

USDA has a very long history in supporting research and providing for education, and since we're testifying about the 2012 budget request, I would like to bring to your attention that 2012 actually marks the 150th anniversary both of the establishment of the Department of Agriculture and also Congress' enacting the Morrill Act that created the very historic partnership between the Federal Government and the States in support of the land grant universities.

Since that time, our State colleges and universities have graduated more than 20 million students, produced countless scientific breakthroughs, pursued solutions to problems shared across society. They have vastly increased agricultural productivity and improved the lives of people everywhere.

Today, however, there is a growing recognition that agriculture and natural resources really sit at the heart of the world's most critical problems: increasing sustainable food production, providing clean and abundant water, responding to climate change, developing renewable energy, and improving human health. And the challenges that are facing agriculture, human as well as animal health, natural resources and conservation are immense, and they need to be faced with the most robust research enterprise that we can muster.

This anniversary year in 2012, however, is going to come at a time of very difficult financial challenges for the entire Federal Government, including the Department of Agriculture and the research agencies. To be able to make the strategic investments in the food and the agricultural sector and our economy in the long term, we recognize that we have to make some cuts to programs that we care about, and the President's budget for this mission area, Research, Education and Economics, proposes reductions in programs and terminations of projects because these tough budget times call for very difficult choices to be made, focusing the budget on the highest priority and our most productive programs.

The food and agriculture sectors of the economy have proven to be very strong. Focusing on and enhancing the high priority programs in the budget is critical to keeping them strong and con-

tinuing their contributions to the future economic well-being of our country. The food and agriculture economy is a huge engine for our country's economy. It contributes jobs. It contributes also to the positive balance sheet for our country when it comes to international trade.

Last year in 2010 that positive trade balance for agriculture related to a total of \$33.9 billion, and agriculture has maintained a surplus since 1960.

In maintaining this advantage, we must never take for granted the scientific insights needed to combat the next animal disease or plant disease that may emerge or the next weather anomaly that can impact these important commodities and products.

In keeping with the President's commitment to start the country on a path to eliminating the deficit, the budget requests \$2.6 billion for the four REE agencies, or a reduction overall of \$244 million in discretionary funding. Within the total, a request for increases in programs addressing some of the greatest challenges to the country, including nutrition and obesity, renewable energy, climate change, food safety, as well as maintaining the very important scientific collections.

It also proposes to develop the capacity to use a new analytical tool, behavioral economics, to provide valuable insights to policy development and program design, and also to enhance the department's flagship competitive grants program, the Agriculture and Food Research Initiative, which goes by the acronym AFRI.

These increases are offset by the elimination of congressionally designated projects and decreases or terminations of lower priority programs.

Mr. Chairman, my colleagues and I are happy to answer any questions you might have.

[The information follows:]

RESEARCH, EDUCATION, AND ECONOMICS

Statement of Dr. Catherine E. Woteki, Under Secretary for Research, Education, and Economics
and Chief Scientist for the Department of Agriculture
before the Subcommittee on Agriculture, Rural Development, Food and Drug Administration,
and Related Agencies

Mr. Chairman, members of the Subcommittee, I am pleased to appear before you to discuss the President's fiscal year (FY) 2012 budgets for the Research, Education, and Economics (REE) mission area agencies of the United States Department of Agriculture (USDA). I am accompanied by the Administrators of the four agencies: Dr. Edward Knippling, Administrator of the Agricultural Research Service (ARS); Dr. Katherine Smith, Administrator of the Economic Research Service (ERS); Dr. Cynthia Clark, Administrator of the National Agricultural Statistics Service (NASS); and Dr. Roger Beachy, Director of the National Institute of Food and Agriculture (NIFA). Also present is Michael Young, the Department's Budget Director. Each Administrator has submitted written testimony for the record, which provides a complete description of their proposed budgets.

This team of scientists represents the dedication of the Administration to invest in science to keep our Nation and our economy healthy. From providing nutritious food to our children, and supporting the productivity of our farmers, to helping use our natural resources to create jobs and mitigate the effects of climate change, the work that the REE Mission area does improves the lives of the American people and has impact around the world.

USDA's rich history of conducting agricultural research dates back more than 150 years, to the date President Lincoln signed the Morrill Act that formed the basis for the land grant system and the historic partnership between the states and the Federal government. Through this Act, President Lincoln forged an agreement - a compact - between the national government and the states opening access to education as one of the tenets of American Democracy. That compact focused on building our agriculture system as a base for a strong economy. The Morrill Act, followed by the Hatch Act of 1887, establishing the experiment stations, not only revolutionized American education and agriculture -- together they transformed the Nation's economic and social fabric. Since then, our state colleges and universities have graduated more than 20 million students; produced countless scientific breakthroughs; pursued solutions to problems shared across our society; vastly increased agricultural productivity; and improved the lives of people everywhere.

By any measure, this partnership -- enhanced over the years by expansion of the reach of the land grant system to the 1890 institutions serving the African American community, the 1994 tribal colleges, and Hispanic-serving institutions, and by creation of our world-renowned and often emulated extension system -- has paid huge dividends to American agriculture and forestry, and to the American people.

Today, however, there is also growing recognition that agriculture and natural resources are at the crossroads of the world's most critical problems: increasing sustainable food production, providing clean and abundant water, responding to climate change, developing

renewable energy, and improving human health. Climate change, land use changes, population growth, and emerging pests and diseases are placing intense pressure on the world's food and agricultural system and threaten the future availability of sufficient food supplies. And the world's health authorities are increasingly focused on zoonotic disease outbreaks – those which cycle through animal populations to humans and pass back into the environment to mutate once again. The challenges facing agriculture, human and animal health, natural resources and conservation are immense, and need to be faced with the most robust research enterprise we can muster.

REE conducts research that would be prohibitively expensive for the private sector to do -- but that is the foundation for technological development in businesses throughout America. Many of the technologies and production practices that are a product of REE research eventually move into the private sector and are used by farmers, ranchers, food processors, veterinarians and physicians, but they could not have been created without our basic research. Demonstration and commercialization of new products and processes often grow out of earlier breakthroughs like genome mapping or basic research on developing feedstocks for bioenergy. One example is our work to produce the enzyme that allows people who are lactose-intolerant to eat dairy products and has gone on to create an entire industry.

This anniversary year, however, comes at a time of tough financial challenges for the entire Federal government, including USDA and REE. As President Obama has indicated in his FY 2012 budget, government is going to have to live on a tighter budget, just as American families have been doing. In the face of those challenges, however, the 2012 budget still reflects the

administration's strong commitment to agriculture science and education, along with a practical agenda that is fine-tuned to address the necessary belt-tightening. To be able to make the strategic investments in the food and agriculture sector and our economy in the long term, we have to make cuts to programs we care about. The budget proposes reductions in programs and terminations of projects, because these tough budget times call for tough choices to be made -- focusing the budget on the highest priority and most productive programs.

The food and agriculture sector of the economy has proven to be strong. Focusing on and enhancing these high priority programs in the budget is critical to keeping them strong, and continuing their contributions to the future economic well-being of our country.

In his State of the Union speech earlier this winter, the President challenged us to "Win the Future." It was clear in his remarks that he sees education and scientific innovation as the keys to putting our economy back on solid footing. The food and agriculture economy is a huge engine for our country's economy, contributing to building jobs and a positive balance sheet for our country when it comes to international trade. In 2010, the U.S. exported \$115.8 billion of agricultural products and imported \$81.9 billion, leaving a positive trade balance of \$33.9 billion. Agriculture has maintained a surplus since 1960, and this isn't likely to change in the immediate future. However, in maintaining this advantage, we must never take for granted the scientific insights needed to combat the next animal or plant disease or fungus -- or the next climate anomaly -- that can impact those important commodities and products.

Much of the success in the food and ag sector can be traced back to the research conducted and supported by USDA. We have proven in the past, time and time again, what American agricultural science is capable of, and I want to assure you that our commitment to meet the challenges facing the sector is just as strong as ever, even in tough economic times. The 2012 budget emphasizes the efficient and effective use of research and education resources, combined with leveraging our strategic partnerships to get the greatest return on our investments. It allows USDA and REE to continue to produce and support fundamental and cutting-edge research when budgets are tight. It allows REE and its partners to address a diversity of problems and once again demonstrate our ability and capacity to rise and meet the greatest of challenges.

In keeping with the President's commitment to start the country on a path to eliminating the deficit, the budget requests \$2.6 billion for the four REE agencies or a reduction of \$244 million in discretionary funding. Within the total are requests for increases in programs addressing some of the greatest challenges to the country, including nutrition and obesity, renewable energy, climate change, food safety, and scientific collections. It also proposes to develop the capacity to use a new analytical tool, behavioral economics, to provide valuable insights to policy development and program design and to enhance the Department's flagship competitive grants program, the Agriculture and Food Research Initiative (AFRI). These increases are offset by the elimination of Congressionally designated projects and decreases or terminations of lower priority programs. I would like to briefly discuss proposed increases in several high priority program areas.

Nutrition and Obesity: The budget supports research to address the national crisis of obesity with which we are all familiar. Progress in this arena of public health would not only promote the quality of life the country enjoys, but reduce the losses in productivity and health care costs associated with chronic diseases related to obesity. It is well known that most Americans do not come close to following the recommended *Dietary Guidelines* developed by USDA in partnership with the Department of Health and Human Services. USDA has a very strong portfolio of programs to address the complex issues related to nutrition and health. In that context, the FY 2012 budget proposes an increase of \$7.5 million for ARS research that focuses on identifying those factors that prevent us from having healthier diets, as well as effective ways to facilitate healthier eating habits in multiple locations in the country, in adults and children, in rural and urban areas, and various ethnic groups.

Complementing this increase, the ERS budget proposes an increase of \$2 million to analyze access to affordable and nutritious local food in low-income communities, so that strategies can be developed to make it easier for these residents to make better food choices. If local convenience stores are their only place to buy groceries, it is going to be impossible for residents in low-income communities to eat as well as people in better-off communities.

Bioenergy: The President and Secretary Vilsack have both recognized that there is no time to waste in developing new energy solutions for the country, and the ARS budget reflects this need for investment with an increase of \$6 million for research at five Regional Biofuels Feedstock Research Centers. The mission of the Centers is to accelerate the development and deployment of dedicated energy feedstocks and sustainable feedstock production systems for advanced

biofuels suited to the growing conditions in different regions of the country. The virtual centers will be managed by ARS in coordination with other agencies and departments.

Sustainability and Climate Change: There is now broad support of the core concept of sustainability in general, and as it relates to food and agriculture in particular. That is, lasting success requires an integrated approach to economic, social and environmental goals. The FY 2012 budget proposal makes strategic investment in research, education and information sharing around sustainable agriculture practices that will help American farmers and ranchers be successful, even when facing the challenges of climate change. The NIFA budget proposes an increase of \$10 million for the creation of a new Federal-State Matching Grant SARE Program to enhance State sustainable agriculture research, education and extension programs and keep American agriculture profitable without sacrificing environmental health or our quality of life. The new program will support training on crop and livestock management to improve soil quality, enhance carbon sequestration, save energy and mitigate climate change. An increase of \$0.76 million is proposed to support research and education under SARE, as well as education and training for Cooperative Extension, Natural Resources Conservation Service and other professional staff.

The budget also proposes an increase of \$4.5 million for ARS to conduct research towards developing sustainable agricultural practices that integrate information and technologies so that American farmers and ranchers can be more productive and energy efficient, and preserve our natural resources.

Unified sustainability and environmental database: The National Agricultural Library (NAL) is one of four national libraries in the U.S., a repository for our country's scientific agricultural data, and therefore a logical repository for data related to sustainability and environmental issues. The budget proposes an increase of \$1.5 million for NAL to develop and provide the science community with access to unified sustainability and environmental databases including datasets on carbon sequestration and greenhouse gas emissions, tillage and management studies, and conservation program benefits. This shared production and management information system is critically needed for scientists to address many issues involving sustainable agriculture practices, including adaptation to climate change.

Lastly, climate variability and change introduce significant uncertainties into agriculture, forest, and range production systems and must be taken into account to achieve sustainability over the long-term. The ARS budget proposes a \$4 million increase for research on increasing the resilience of crops so they can thrive in variable and extreme environments, as well as focus on mitigating the effects of climate change by improving practices and water management so that farmers and ranchers can maintain or increase the availability of water. We only need to look at recent extreme events of both drought and flooding to understand our need to ensure we can have food security under increasingly variable weather conditions.

Food Safety: Food safety is an ongoing concern for the public across the country. The ARS budget proposes an increase of \$10.6 million to enhance research to safeguard the Nation's food supply from foodborne pathogens, and pathogens of biosecurity concern. Of this total, \$7 million is proposed to conduct research in coordination with the Food Safety and Inspection

Service on emerging chemical threat agents or "non-traditional agents" and their possible use in food. An increase in this area of \$1 million will support development of detection and intervention technologies that can be used at the earliest possible stage in the food safety continuum, in order to avoid or reduce the need for recalls as well as reducing the public health impact. Another \$1.4 million will be used to address and evaluate alternatives to antibiotics in food animals and \$1.25 million to determine how pathogens are introduced into the environment, providing critical information for developing science-based management practices.

Animal, Plant and Microbial Collections: Great progress has been made in sequencing agriculturally important animal, plant, and microbe genomes. Using these new maps, scientists are now identifying, characterizing, and manipulating the useful genes in these genomes to develop new plant varieties with protection from emerging disease, insects, and environmental stress. Similarly, scientists are employing selective breeding, using genomic information to optimize nutrient utilization and minimize disease losses in animals. Future advances rely on the availability of the animal, plant and microbial collections. However, as demands worldwide for these collections are increasing, critical components of the collection system are eroding. The President's FY 2012 budget for ARS proposes an increase of \$6 million to enhance the conservation and use of animal, plant and microbial collections that are critical in livestock and crop production and protection research.

I would also like to highlight several other important program initiatives proposed in the budget.

Science, Technology, Engineering, and Mathematics: As a former Dean of Agriculture at a land grant university, I am personally pleased to see an increase in funding for agriculture science education – especially with some emphasis on attracting Hispanic Americans to these studies. To

me, this is the next transformation that needs to happen in agriculture science education – bringing a broader array of students into the field so that we have a diverse and abundant pipeline of people who will be educated and ready to take their place in agriculture, food production and the food science laboratories of tomorrow. The nation needs to benefit from all the talent in the country.

Education Programs: The budget proposes an increase of \$2.5 million to introduce agriculture sciences to students who might not otherwise have the field on their radar screen as a possible major. The funds will be used for the Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants (SPECA) program administered by NIFA to make sure we have enough students already in the agriculture education “pipeline” so that they can become the nation’s future farmers and scientists.

Hispanic-Serving Institutions: The budget proposes an increase of \$0.9 million for the Hispanic-Serving Institutions Education Partnership Grants Program. This funding will support the establishment of alliances among HSI’s to strengthen STEM education programs in the food and ag sciences.

While not specifically focused on a single problem or challenge, I want to briefly discuss two other very high priority programs proposed for increases in the FY 2012 budget.

Agriculture and Food Research Initiative: AFRI, the country’s premier competitive program in the food and agricultural sciences, continues to attract the strongest scientists in the Nation to

lead cutting-edge research. Broad in scope, from fundamental genomic research to applied production management issues, the program addresses the highest priority issues and challenges facing the food and agriculture sector. The 2012 budget proposes funding of \$325 million for AFRI, a 24 percent increase of \$62 million. Included in the \$325 million is funding that will support the NIFA Fellows Program under AFRI so that scientific training programs in public and private universities at both the undergraduate and graduate levels work seamlessly together to achieve their research goals.

Center of Excellence in Behavioral Economics: Previous ERS investments examined how the National School Lunch and Breakfast Programs could better address diet quality, nutrition, and health objectives, and the research confirmed the potential for using behavioral approaches to improve how such policies were designed. Behavioral economics is based on the premise that individuals and groups do not always make choices based on rational analysis, but instead can be influenced by other factors such as emotions, social pressure, and physical conditions. Building on ERS's leadership in the application of behavioral economics, the FY 2012 budget requests \$2.4 million to establish a new Center of Excellence. The proposed Center of Excellence would take the lessons learned from these earlier successes and extend them beyond nutrition programs, applying behavioral economics to food, agricultural, natural resource and rural development programs and policies. In doing so, the Center will provide the Department with a valuable new analytic tool for increasing the likelihood that new policies and programs achieve their intended outcome and are efficient.

Summary

In summary, the FY 2012 budget we are proposing reflects the difficult choices we need to make to reduce the deficit while supporting targeted investments that are critical to long-term economic growth and job creation. While reflecting the necessary reductions to address the need to contribute to the reduction of the budget deficit and debt, the REE agencies' budgets present a balanced research, education, and economics portfolio with investments in a range of high national priority issues. The budget looks to properly manage deficit reduction while preserving the values that matter to Americans. By investing in the building blocks of American innovation, we will help ensure our economy is given all the necessary tools for new breakthroughs, new discoveries, and the development of new industries. The increases proposed will enable the REE agencies to continue to make new discoveries and develop new technologies that contribute to the success of American agriculture.

AGRICULTURAL RESEARCH SERVICE

Statement of Dr. Edward B. Knipling, Administrator
Before the Subcommittee on Agriculture, Rural Development,
Food and Drug Administration, and Related Agencies

Mr. Chairman and members of the Subcommittee, I appreciate this opportunity to present the Agricultural Research Service's (ARS) budget recommendations for fiscal year (FY) 2012. The President's FY 2012 budget request for ARS' research programs is \$1,137,690,000, which is a net decrease of \$41,949,000 below the agency's FY 2010 funding level.

ARS' FY 2012 budget request proposes to enhance by \$55,723,000 research initiatives in food safety; crop/animal breeding and protection; child and human nutrition; bioenergy/biomass; plant, animal, and microbial collections (germplasm and genetic resources); production systems for sustainable agriculture; global climate change; and the National Agricultural Library. In addition, the agency proposes an increase of \$3,000,000 for the repair and maintenance of its laboratories and facilities. Offsetting ARS' requested increases are \$100,672,000 in proposed reductions to ongoing research programs, reflecting the need to eliminate Congressionally earmarked projects and some current base programs, in order to fund the highest priority needs and curtail Federal spending.

Proposed Increases (Salaries and Expenses)

The specific priority research initiatives that ARS proposes for FY 2012 are:

- Food Safety -- \$10,650,000

Foodborne outbreaks are a major cause of morbidity, mortality, chronic diseases, and economic devastation. The full cost/burden is estimated to be over \$150 billion per year. The causes of the continued outbreaks remain unresolved, but issues such as intensive food production, rapidly increasing international trade in foods, changes in consumption habits, and travel and immigration are suspect.

With the proposed increase, ARS will provide more sensitive technologies for detecting pathogens and toxins in foods; develop alternatives to antibiotics used in animals; and research “chemical threat agents” which could be used by terrorists.

- Crop Breeding -- \$4,723,000

Research is critically needed to increase crop yields. New knowledge and tools are needed for crop breeders, to use the Nation’s germplasm collections more efficiently, and to develop new varieties that strengthen food security and meet market needs. With the proposed increase, ARS will develop plants with higher yields, greater disease resistance and weather stress tolerance, and decreased dependence on inputs such as fertilizers and fuel.

- Livestock Production -- \$4,000,000

World hunger is a major threat to global stability; population increases over the next 40 years are projected to occur most rapidly in regions that are currently the most food stressed. The key to meeting the demands of the growing population will be improving productivity. With the proposed increase, ARS will increase productivity by improving animal feed efficiency and nutrient utilization.

- Crop Protection -- \$3,250,000

Sustainability of our Nation's food supply depends on a continuous supply of improved plant varieties with protection from emerging diseases, insects, and damaging environmental conditions. New and emerging grain diseases are putting the world's grain supply at risk. For example, a virulent wheat stem rust mutant, Ug99, has emerged in Eastern Africa that threatens wheat and barley production in Africa and Asia; North and South American wheat production is also at risk. With the proposed increase, ARS will enhance crop yields by improving genetic disease resistance.

- Livestock Protection -- \$3,600,000

A growing world population along with environmental challenges, limits on the availability of arable land and natural resources, and climate change will have considerable impact on our ability to grow and safeguard the food supply. Production of animal products must increase exponentially to meet these challenges. The health of animals, which are constantly challenged by pests and diseases, is the cornerstone of food security and agricultural productivity. With the proposed increase, ARS will enhance and safeguard the Nation's food supply by developing veterinary countermeasures, technologies, and vaccines to combat new and emerging diseases, foreign animal diseases, and biological threats (e.g., from African Swine Fever, Classical Swine Fever, Foot and Mouth Disease, and pests of small ruminants).

- Human Nutrition -- \$7,500,000

Obesity rates among adults and children in the U.S. have increased significantly over the past several decades so that today only one-third of Americans are at a healthy weight. Obesity is an underlying risk factor for numerous chronic diseases including cardiovascular disease, cancer, arthritis, and diabetes. Reducing the prevalence of obesity will greatly improve the overall health of Americans and reduce future health care costs in the United States. With the

proposed increase, ARS will determine the nutrient requirements of children, and identify the impediments to adherence to the *Dietary Guidelines for Americans*, the basis for all food policy in the U.S.

- Bioenergy/Biomass -- \$6,000,000

America's dependence on foreign oil for energy threatens the Nation's security and adversely impacts the country's economy. Imports account for over two-thirds of the Nation's oil consumption forcing consumers to spend more than \$100 billion annually on oil from foreign sources. Moreover, homeland security and national defense concerns have renewed the need to reduce energy imports and diversify the energy sector. With the proposed increase, ARS will help the Nation become energy independent by developing improved biomass feedstocks and production systems on a regional basis for sustained sources of biofuels.

- Plant, Animal, and Microbial Collections -- \$6,000,000

The capacity of agricultural research to solve problems relies on a dynamic foundation of invaluable living plant, animal, and microbial genetic resources, and scientific collections (germplasm and genetic resources) of preserved biological specimens. Today, critical components of that foundation are eroding – and some imperiled – by lack of facilities, personnel, and operating funds needed to meet the growing demands of global agricultural research. The

collections are necessary for: developing pest management strategies and biological control of insects and weeds; responding to climate change and habitat loss; and biosecurity purposes. With the proposed increase, ARS will be able to protect and expand plant, animal, insect, and microbial genetic resources and germplasm.

- Production Systems for Sustainable Agriculture -- \$4,500,000

American farms generate more than \$200 billion in goods and services on 442 million acres, but the profitability and viability of many farms are challenged by the ever increasing costs of land, fuel, and other purchased inputs. In addition, there is increasing competition for land and natural resources within the U.S. caused by urban expansion, alternative uses, and the need to meet environmental regulatory requirements. The challenges producers face regarding productivity, profitability, and natural resource stewardship are complex. With the proposed increase, ARS will provide new strategies and technologies which support and enhance agricultural productivity, sustainability, and resource management.

- Global Climate Change -- \$4,000,000

Climate change will pose new challenges for American agriculture in the future. Increasing demands on natural resources coupled with uncertainties in temperature changes and precipitation patterns requires new strategies to ensure

sustainable production to meet our food and biofuel needs. New crop varieties with essential traits, such as resistance to drought and extreme temperatures, are needed to sustain agricultural production. With the proposed increase, ARS will provide healthier, higher yielding crops which are more tolerant of climate change and weather extremes, and improve water management and resource conservation in production systems.

- National Agricultural Library -- \$1,500,000

The National Agricultural Library (NAL) is the largest and most accessible agricultural research library in the world. NAL's specialized Information Services provides electronic access to comprehensive and essential scientific databases and other information resources focusing on specific aspects of agriculture. With the proposed increase, NAL will enhance its capacity to provide researchers and scientists with important information on sustainability, carbon sequestration and greenhouse gas emissions, tillage, and conservation program benefits.

- Repair and Maintenance -- \$3,000,000

Over the years, funding for repair and maintenance has not kept pace with the needs of ARS' facilities. Due to the age of many of ARS' research facilities, major building systems – heating, ventilation, air conditioning, electrical, roofs,

and infrastructure (i.e., paving, steam and water lines, and waste treatment disposal systems) – have either reached or passed their useful life expectancies. Other existing deficiencies affecting safety and health also need to be corrected. The proposed increase will help ARS address some of its facilities needs so that the agency can continue to carry out its research mission.

Proposed Decreases (Salaries and Expenses)

Due to the need to allocate very limited resources to the highest priority needs, \$58,783,000 of ongoing ARS programs are proposed for reduction or termination to fund the proposed enhancements. Difficult choices were made to identify these reductions. In this regard, ARS systematically reviewed and evaluated programs using a number of criteria, such as their priority within the agency; whether they were viable and sustainable based on current funding; and whether they lacked critical mass for an effective program.

The proposed reductions include the discontinuation of \$20,122,000 in extramural cooperative agreements with our external research partners and the elimination of \$38,661,000 associated with the closure of 10 ARS locations, laboratories, and worksites at: Fairbanks, Alaska; Shafter, California; Brooksville, Florida; Watkinsville, Georgia; New Orleans, Louisiana; Coshocton, Ohio; Lane, Oklahoma; Clemson, South Carolina; Weslaco, Texas; and Beaver, West Virginia. Additionally, \$41,889,000 in Congressionally earmarked projects are proposed for termination to provide savings and to support deficit reduction. In total, the budget proposal for ARS includes \$100,672,000

in proposed reductions to ongoing in-house and cooperative research programs. These recommended reductions will help focus the agency's limited resources on priority investments and serve to help curtail Federal expenditures.

Proposed Decreases (Buildings and Facilities)

The FY 2012 budget also proposes a rescission of \$223,749,000 in the ARS Buildings and Facilities account. Under this request, unobligated funds from partially funded new buildings and facilities projects, and remaining balances from completed ARS facilities are to be rescinded. Cancelling these projects would save about \$1.4 billion in current dollars in future costs that would eventually be needed to complete the projects.

Mr. Chairman, this concludes my statement of ARS' budget recommendations for FY 2012. I will be happy to answer any questions that the Subcommittee may have.

NATIONAL INSTITUTE OF FOOD AND AGRICULTURE

Statement of
Dr. Roger Beachy, Director
Before the
Subcommittee on Agriculture, Rural Development,
Food and Drug Administration, and Related Agencies

Mr. Chairman and Members of the Subcommittee, I appreciate the opportunity to present the President's fiscal year (FY) 2012 budget for the National Institute of Food and Agriculture (NIFA), one of the four agencies in the Research, Education, and Economics (REE) mission area of the United States Department of Agriculture (USDA).

Background

As you know, the Food, Conservation, and Energy Act of 2008 (2008 Farm Bill), established within USDA an agency to be known as NIFA. The 2008 Farm Bill and guiding principles called for the integration of programs across functions, funding authorities, and funding mechanisms within the agency. To achieve this goal, NIFA established four Institutes to fund outcome-driven programs that address the science priorities that will maintain the preeminent world position of U.S. agriculture. The Institutes are structured to provide effective program leadership and administer Federal assistance programs which support focus areas of bioenergy, climate, and environment; food production and sustainability; food safety and nutrition; and youth, family, and community.

The Institutes were configured to bring together professionals with expertise in various disciplines and functions to form multidisciplinary, outcome-based teams focused on achieving core stakeholder needs while enhancing the overall quality, relevancy, and performance of

programs. The new structure allows for the creation of a system that integrates basic and applied research, education, and extension programs to address important issues facing agricultural production, the global food supply, the environment, rural communities, and others.

Proposal

The NIFA FY 2012 budget proposal for discretionary funding is \$1.21 billion. This represents a decrease of \$138 million or approximately 10.24 percent below the FY 2011 Annualized Continuing Resolution discretionary funding amount of \$1.35 billion. Increases in some of NIFA's programs are a result of proposed redirection of funds to support higher priority activities or to promote efficiency in program management. In addition, the budget eliminates earmarked projects and lower priority programs.

NIFA, in concert with the Secretary of Agriculture and the intent of Congress, works in partnership with the land-grant university system, other colleges and universities, and public and private research and education organizations to support exemplary research, education, and extension that address many challenges facing the nation from agricultural production, nutrition, and food safety to energy independence and the sustainability of our natural resources. These partnerships result in a breadth of expertise that is poised to quickly and efficiently deliver critical knowledge through innovative systems.

The FY 2012 NIFA budget request continues to align funding and performance objectives with the USDA strategic goals. NIFA manages its many budget elements in support of research, education, and extension programs as part of a cohesive whole supporting all four of the Department's strategic goals. The agency defines distinct performance criteria, including strategic objectives and key outcomes, with identified annual targets. As part of an integrated budget and performance process, NIFA conducts periodic portfolio reviews by external experts. An external review of all major programs has been completed, and NIFA is working to

implement the recommendations of the reviews in planning and managing its programs. We will continue to conduct external reviews on a rotating basis.

Agriculture and Food Research Initiative

The President's FY 2012 budget proposes \$324.7 million for the Agriculture and Food Research Initiative (AFRI). AFRI is NIFA's core competitive grant program for research, education, and extension. The program provides funding for projects that address critical issues in U.S. agriculture in the areas of bioenergy, global climate change, global and domestic food security, including in production agriculture, nutrition and health, food safety, foundational programs, and NIFA fellowships.

Bioenergy: NIFA is committed to supporting the development of regional systems for sustainable production of bioenergy and biobased products that will assist rural communities to create wealth and thrive economically. This involves research, education, and extension. Recent AFRI supported awards, one to Cornell University (New York) and another to the University of Wisconsin, will create educational opportunities in math and science for students interested in bioenergy and bio-based products. Both projects are funded under AFRI's sustainable bioenergy challenge area and target the development of regional systems that contribute significantly to reducing dependence on foreign oil, have net positive social, environmental and rural economic impacts, and are compatible with existing agricultural systems.

Bioenergy funds also will support additional regional centers for biomass production, as well as programs that facilitate and clarify land-use changes resulting from feedstock production and conversion. Other programs will seek to identify the socioeconomic impacts of biofuels in rural communities and address logistics of handling feedstocks for biofuels. For example, a coordinated agricultural project (CAP) award to the University of California, Davis (UC Davis) will sequence the genomes of loblolly pine, sugar pine, and Douglas fir. Understanding the

genome sequence of these important species will accelerate breeding efforts and enhance their uses as feedstocks for biofuels and biopower. Increased planting of fast growing varieties of loblolly pine and other agroforestry crops also will contribute to carbon sequestration and help to mitigate the effects of climate change.

Global Climate Change: AFRI will support activities on adaptive capacities and mitigation potentials of agricultural and natural resource systems to climate variables such as drought, limits on irrigation water supplies, floods, and temperature extremes. A CAP award to the University of Florida will complement the loblolly pine research being done on the above-mentioned UC Davis project. The University of Florida researchers will study climate change mitigation and adaptation as it relates to southern pines, particularly loblolly pine. Under the project a regional network will be established to monitor the effects of climate change and use the information to develop plants that adapt to changes in climate. In a CAP award to the University of Idaho, scientists will monitor changes in soil carbon and nitrogen levels and greenhouse gas emissions related to mitigation of and adaptation to climate change in the region's agriculture, which produces 13 percent of the nation's wheat supply and 80 percent of its specialty soft white wheat for export. The research team also will determine the effects of current and potential alternative cropping systems on greenhouse gas emissions, carbon, nitrogen and water-levels, as well as energy budgets and local and regional farm income impacts, using models and replicated field trials.

Global Food Security: In 2012, NIFA proposes support for programs that address pressing issues in food production that will contribute to national and global food security while helping America promote sustainable agriculture and agricultural exports. Funding will support projects to enhance reproductive fertility in food animals; minimize losses from livestock disease; and reduce crop losses by developing resistance to plant insect pests, and plant bacterial diseases. Research includes activities that address the programs of U.S. agriculture, create mutual benefits

domestically and abroad, and allow new opportunities for inter-departmental initiatives as appropriate.

Nutrition and Health: AFRI will support nutrition and health projects that focus on children ages 2-14. Funding will be used to identify the behavioral factors that influence obesity; develop valid behavioral and environmental instruments that measure progress in obesity prevention efforts; and to support nutrition research that leads to the development and evaluation of effective programs to prevent obesity. Projects will target various populations of Americans so as to develop recommendations that recognize the differences in family structure, available foods, ethnic diversity, and other parameters. NIFA recently awarded a grant to the North Carolina State University to assist researchers in finding solutions to childhood obesity issues and to support USDA's "Know Your Farmer, Know Your Food" activities which help to link local consumers with local producers.

Food Safety: NIFA is committed to improving the safety of the U.S. food supply through new and improved rapid detection methods, pre- and post-harvest epidemiological studies, improved food harvesting, and advanced processing technologies. NIFA will fund critical environmental and ecological research to improve our understanding of disease-causing microorganisms, how they are spread before harvest as well as after harvest, and of naturally occurring contaminants in meat, poultry, seafood, and fresh fruits and vegetables. Funding also will target the control of food-borne pathogens.

Foundational Programs and NIFA Fellowships: AFRI funding will allow substantive research investments in each of the legislatively-established priority areas, and will expand support for graduate education through awards made to individuals pursuing research careers in NIFA research priority areas.

The NIFA FY 2012 budget proposes to redirect funding from the Graduate Fellowships Program and the Institution Challenge Grants Program (two small, stand-alone programs that support collegiate academic activities and graduate fellowships) into the AFRI program. A portion of the proposed AFRI increase will support activities similar to those previously funded through these programs to train the next generation of scientists who pursue careers in food and agriculture. This redirection will allow efficiency in management and alignment of medium to long-term research goals with scientific training opportunities and directions.

Sustainable Agriculture

In FY 2012, NIFA proposes an increase of \$10.8 million for a total of \$30 million in funding for research, education, extension, and integrated activities related to developing practices that support agriculture that is sustainable. Sustainable agriculture efforts will continue to increase knowledge about - and help farmers and ranchers adopt - practices that are profitable, environmentally sound, and good for communities. Included in the requested funding is a new State-Federal matching program which will leverage State and/or private funds and build the long-term capacity to guide the evolution of American agriculture to a more highly productive, sustainable system.

Minority Programs

NIFA continues to expand diversity and opportunity activities under minority-serving programs. In FY 2012, the budget requests \$8 million for the Federally-Recognized Tribes Extension Program to support an increase in the number of Federally-recognized tribes being served by extension programs, and \$5 million for Extension Services at 1994 Institutions including an increase of \$1 million to pilot a food and nutrition program in a number of Native American communities. In addition, NIFA requests \$20 million for 1890 Institution Capacity Building Grants Program to support multi-state alliances among the 1890 Institutions; \$10 million for the Hispanic-Serving Institutions (HSI) Education Grants Program to support alliance among HSIs;

and \$4 million for the Tribal Colleges Education Equity Grants Program for activities to reach American Indian students.

Hispanic-Serving Agricultural Colleges and Universities Endowment Fund

The Hispanic/Latino community is the fastest growing sector of the American population. In 2012, NIFA budget requests \$10 million to establish an endowment fund for the Hispanic-Serving Agricultural Colleges and Universities (HSACU). This investment in the HSACU is needed to ensure they can compete effectively for NIFA competitive grants. Support for this endowment fund will assist in the development of a skilled and marketable Hispanic student population for employment in the food and agriculture sector.

Pest Management

NIFA proposes to consolidate funding for the Expert Integrated Pest Management Decision Support System, Pest Management Alternatives, and Integrated Pest Management and Biological Control into a single program to improve the efficiency of program implementation resulting in research investments with greater focus, more appropriate scale, and enhanced impact. In 2012, \$4 million in funding will focus on applied research projects seeking to develop predictive models and real-time information and management tools for pest management challenges in plant and animal production systems.

Science, Technology, Engineering, and Mathematics Education

The FY 2012 budget proposes \$3.5 million for the Secondary Education/2-Year Post Secondary, and Agriculture in the K-12 Classroom (SPECA) Program. Projects will be funded that promote and strengthen secondary education in agribusiness and agriscience, and increase the number and/or diversity of young Americans pursuing college degrees in the food and agricultural science. Funds also will be used to improve rural education within the SPECA program including updating and revising secondary, two-year post secondary, and higher education

biological, social, and related curricula, especially at academic institutions serving rural areas, to meet the challenges of preparing graduates for emerging science, technology, engineering and mathematics related employment opportunities critical to revitalizing rural American communities, and to ensure a qualified workforce in the United States. In addition, funds will be used to establish a separate Sustaining Rural Communities through Education component to focus on academic curricula at the K-14 grade levels that will address the economic health and viability of rural communities. SPECA emphasis would be on curricula improvements and faculty expertise.

Other Programs

NIFA will continue funding for most other programs, including formula funded programs. However in light of constrained budget levels, NIFA is proposing decreases that are 5 percent below the FY 2011 President's Budget levels for the Hatch Act, McIntire-Stennis Cooperative Forestry, and Smith-Lever 3(b) and (c) formula programs. We also propose to eliminate funding for the Animal Health and Disease Research Program. The FY 2011 President's Budget levels are maintained in the FY 2012 proposal for the 1890 Extension and Evans Allen formula programs.

To ensure the highest quality research that addresses national needs within available funding, the FY 2012 budget proposes to eliminate earmarked projects which total nearly \$141 million. By allocating funding to a predetermined list of projects, earmarks reduce the ability of program administrators to allocate funding based on merit. Peer-reviewed competitive programs that meet national needs are a more effective use of Federal taxpayer dollars than earmarks that are provided to a specific recipient for needs that may not be national. Based upon its broad scope and proposed funding increase, alternative funding from the AFR1 could be used to provide a peer-reviewed forum for seeking and assessing much of the work funded through earmarks.

General Provisions

The FY 2012 budget proposes a change in the general provisions to increase the amount provided for indirect costs on competitively awarded grants from 22 percent to 30 percent. In the past indirect cost rate caps have resulted in recipients' inability to recover applicable indirect costs. The proposed increase allows for additional indirect cost recovery under competitive awards and better aligns NIFA competitive programs with other Federal assistance programs. This is especially important in implementing the growing number of jointly funded programs NIFA supports with other Federal science agencies. In addition, if indirect cost limitations restrict participation in NIFA competitive programs, then it is possible that some of the most innovative proposals that could lead to breakthroughs to solve research goals offered by NIFA are not being submitted to the agency.

Conclusion

During the past year, NIFA listened to input from more than 200 stakeholder groups and individuals and increased discussions and work with members of the communities that serve the tribal nations, the 1890 institutions, and Hispanic-serving institutions. NIFA leaders visited a number of institutions to listen to the concerns of faculty and the concerns of deans, administrative units, scientific organizations, and small businesses. This budget proposal incorporates feedback from stakeholders and will allow NIFA, in collaboration with university and other partners nationwide, to provide innovative and timely responses to critical agricultural issues. This proposal provides support for research, education, and extension activities in the food, agricultural, and human sciences that can make a difference in solving emerging problems facing the Nation.

Mr. Chairman, this concludes my statement. I will be glad to answer any questions the Subcommittee may have.

NATIONAL AGRICULTURAL STATISTICS SERVICE

Statement of
Dr. Cynthia Clark, Administrator
Before the
Subcommittee on Agriculture, Rural Development,
Food and Drug Administration and Related Agencies

Mr. Chairman and members of the Subcommittee, I appreciate the opportunity to submit a statement for this Subcommittee's consideration in support of the fiscal year (FY) 2012 budget request for the National Agricultural Statistics Service (NASS). This agency administers the U.S. agricultural statistics program, which began at the United States Department of Agriculture (USDA) in 1863. NASS also conducts the quinquennial U.S. Census of Agriculture, first collected by the Department of Commerce in 1840. Both programs are aligned with the basic mission of NASS to provide timely, accurate, and useful statistics in service to U.S. agriculture.

FY 2012 Budget

The agency's FY 2012 budget request is \$165.4 million. It reflects the difficult choices we need to make to reduce the deficit while supporting targeted investments that are critical to long term economic growth and job creation. The FY 2012 budget proposes increased funds to enhance the agency's Agricultural Estimates essential annual County Estimates Program in support of agricultural producer safety nets and a cyclical increase for the Census of Agriculture to finalize preparations for the 2012 Census of Agriculture. The proposed increase for the county estimates program is mostly offset through methodological improvements for Livestock County estimates

and Livestock Prices Received, coupled with the proposed elimination of the July Sheep and Goats report and the NASS Agricultural Labor program.

Agricultural Estimates

NASS's annual agricultural estimates reports are critically important to assess the current supply and demand in agricultural commodities. They are extremely valuable to producers, agribusinesses, farm organizations, commodity groups, economists, public officials, and others who use the data for decision-making. The statistics disseminated by NASS support fairness in markets ensuring buyers and sellers have access to the same official statistics at the same pre-announced time. This prevents markets from being influenced by "inside" information, which might unfairly affect market prices for the gain of an individual market participant. The efficiency of commodity markets is enhanced by the free flow of information, which minimizes price fluctuations for U.S. producers. Statistical measures help the competitiveness of our Nation's agricultural industry and have become increasingly important as producers rely more on world markets for their sales.

The U.S. food and agricultural sector relies on reliable statistical information. The NASS statistical program serves most U.S. agricultural commodity data needs and supplies important economic, environmental, and demographic data that informs policy decisions that impact the livelihood and quality of life of rural residents.

The proposed FY 2012 budget requests new funding of \$3.4 million to enhance the county-level statistics because the importance of these data have been magnified in recent years as the

Department's programs utilize the information to determine disposition of billions of dollars. The Risk Management Agency relies on NASS annual county estimates to administer crop insurance programs that provide U.S. farmers a safety net ensuring protection against unpredictable growing conditions. Additionally, the Farm Service Agency relies on NASS county level data to administer the Conservation Reserve Program, crop revenue support programs, and emergency assistance payments. Having accurate estimates from an unbiased data source, has added fairness and transparency to the overall process.

NASS recognizes that Federal budgetary decisions are difficult during this economically challenging time in our Nation and therefore reviewed its entire program for potential offsets for the requested increase to county estimates. Based on these efforts, we are proposing the elimination of the July Sheep and Goats report (the January Sheep and Goats report will continue to be published); the elimination of the NASS Agricultural Labor program; and more efficient methods to produce livestock county estimates and livestock prices received. The new processes will result in only a U.S. level for livestock prices received, eliminating State level estimates. Several individuals from NASS's Livestock Branch conducted an in-depth study into an alternative method of setting livestock county estimates. This new method takes the livestock estimates from the Census of Agriculture and applies the same proportions of county to state ratios to subsequent state-level board estimates. This process, known as "raking" was compared to past estimates set using a costly and time consuming data collection instrument and was found to have minimal differences in resulting county estimates. Analysts are allowed to intervene in instances where known swings in county inventories have occurred and manually adjust the modeled estimates. For the prices received program the Environmental, Economics and

Demographics Branch determined that only U.S. level prices were necessary to update the price index, therefore state-level estimates were determined to be unnecessary.

Additionally, NASS is undertaking a transformation of its business process for collecting, processing, analyzing, and disseminating agricultural statistics. NASS identified five operational initiatives that provide the opportunity to improve data quality, create business cost efficiencies, improve career opportunities to its staff, and position the agency to better serve the statistical needs of USDA and agricultural data users. These efforts include centralizing IT services throughout the agency; standardizing systems; collecting data in the field through the use of computer assisted telephone interviewing that relays the data into the NASS systems in real-time; centralizing telephone data collection; and utilizing video teleconferencing in lieu of certain travel. These efforts are being implemented without the request for additional funding and will eventually result in cost savings to the U.S. taxpayers.

Census of Agriculture

NASS is currently preparing for the 2012 Census of Agriculture. The initial mail out to the Nation's farmers and ranchers will be in December 2012. The Census of Agriculture is taken every 5 years and provides comprehensive data at the national, State, and county level on the agricultural sector. The Census of Agriculture is the only source for this information on a local level and is extremely important to the agricultural community. These data were used extensively by USDA to help answer both internal and Congressional questions during the 2008 Farm Bill debate and will be as critical for the next Farm Bill. Detailed information at the county level helps agricultural organizations, suppliers, handlers, processors, and wholesalers

and retailers better plan their operations. Demographic information supplied by the Census of Agriculture also provides a very valuable database for developing public policy for rural areas. In addition to the 50 States, the Census of Agriculture programs are conducted in Puerto Rico, Guam, and the Commonwealth of the Northern Mariana Islands. Results from all of the censuses are made available on the NASS website.

The budget request includes a cyclical increase of \$8.5 million for the Census of Agriculture. The Census of Agriculture funding has historically been on a five-year cycle, keyed to the funding needs for each of the 5 years of the census cycle. The FY 2012 increase is necessary to prepare mail packages for distribution in early FY 2013, finalize the mail list, and collect data to provide an indication of coverage error for the Census.

The authority to conduct the Census of Agriculture was transferred to USDA in 1997. During the past 11 years, NASS has made significant strides to continually improve this vital data series. For the first time in history, respondents had the option of reporting electronically through the Internet on the 2007 Census of Agriculture. NASS also targeted improved coverage for the 2007 Census of Agriculture by working closely with Community Based Organizations and American Indians tribes and reservations to increase awareness of the importance of being represented. Finally, NASS continues to listen to Congress and industry on the ever expanding need for additional agricultural statistics. For example, the 2012 Census of Agriculture includes an entire section on organic agriculture. NASS will also publish a report by watershed using data from the 2012 Census of Agriculture. These are just a few of the improvements and successes achieved over the first decade of the Census of Agriculture at USDA.

Major Activities of the National Agricultural Statistics Service

The ongoing expansion of global markets for U.S. goods and services continues to increase the need for modern and reliable statistical information. The surveys and censuses conducted by NASS contribute significantly to economic decisions made by policymakers, agricultural producers, lenders, transporters, processors, wholesalers, retailers and, ultimately, consumers. Lack of relevant, timely, and accurate data contributes to wasteful inefficiencies throughout the entire production and marketing system. An example of one of the many important surveys conducted by NASS is the Agricultural Resource Management Survey. This survey is conducted in cooperation with the USDA's Economic Research Service and is the primary input in developing the Nation's farm income statements used as one of the Nation's principal economic indicators.

The need for timely, accurate, and useful statistics on U.S. agriculture continues to be emphasized throughout the sector. A few examples highlight the importance these data have on the market place and agricultural producers ability to manage their operations. The importance of accurate agricultural data can be demonstrated through the ever expanding use of the NASS county estimates for administering farmer safety nets. Specifically, NASS county estimates impact billions of dollars insured through the Risk Management Agency's Group Risk Program and Group Risk Income Program. The difference of one bushel in an average county yield estimate may result in the incorrect decision on indemnity payments. Farmers trust and demand that these data be an accurate gauge for administering these very important safety nets.

NASS works cooperatively with each State Department of Agriculture throughout the year to provide commodity, environmental, economic, and demographic statistics for agriculture. This cooperative program, which began in 1917, has served the agricultural industry well and is recognized as an excellent model of successful State-Federal cooperation. Approximately sixty percent of the NASS staff is located in its 46 field offices; 21 of these offices are collocated with State Departments of Agriculture or land-grant universities. Working together helps meet both State and national data needs while minimizing overall costs by consolidating staff and resources, eliminating duplication of effort, and reducing the reporting burden on the Nation's farm and ranch operators. Covering all fifty States and Puerto Rico, NASS provides statistical information that serves national, State, and local data needs.

NASS has been a leader among Federal agencies in providing electronic access to information. All reports issued by NASS' Agricultural Statistics Board are made available to the public at a previously announced release time to ensure that everyone is given equal access to the information. All national statistical reports and data products, including graphics, are available on the Internet, as well as in printed form, at the time they are released. Customers are able to electronically subscribe to NASS reports and can download any of these reports in an easily accessible format using standard software. NASS also provides free Rich Site Summary and Podcast feeds to interested data users. This technology sends an alert or audio clip directly to data users when content of interest is posted to the NASS Web site. A summary of NASS and other USDA statistical data are produced annually in USDA's *Agricultural Statistics*, available on the Internet through the NASS home page, on CD-ROM disc, or in hard copy. All forty-six NASS field offices have home pages on the Internet that provide access to special statistical reports and information on current local commodity conditions and production.

The primary activity of NASS is to provide reliable data for decision-making based on unbiased surveys each year, and the Census of Agriculture every five years, to meet the current data needs of the agricultural industry. Farmers, ranchers, and agribusinesses voluntarily respond to a series of nationwide surveys about crops, livestock, prices, chemical use and other agricultural activities each year. Surveys are conducted during the growing season to measure the impact of weather, pests, and other factors on crop production. Many crop surveys are supplemented by actual field observations in which various plant counts and measurements are made. Administrative data from other State and USDA agencies, as well as data on imports and exports, are thoroughly analyzed and utilized by the agency to supplement survey data. NASS prepares estimates for over 120 crops and 45 livestock items which are published annually in more than 500 separate reports.

NASS's Statistical Research Program is conducted to improve methods and techniques used for collecting, processing, and disseminating agricultural data. This research is directed toward achieving higher quality census and survey data with less burden on respondents, producing more accurate and timely statistics for data users, and increasing the efficiency of the entire process. Graphical products simultaneously displaying progress and condition were developed to make it easier for data users and analysts to see the effects of conditions on the crop.

Research has also allowed NASS to utilize real-time acreage and yield indications based on remote sensing methodology to assist in estimating acreage and production for select major corn and soybean States. This adds another objective measure to aid in accurately forecasting current year crop production. The growing diversity and specialization of the Nation's farm operations have greatly complicated procedures for producing accurate agricultural statistics. Developing

new sampling and survey methodology, expanding modes of data collection, including electronic data reporting, and exploiting computer intensive processing technology enables NASS to keep pace with an increasingly complex agricultural industry.

NASS conducts a number of special surveys, as well as provides consulting services for many USDA agencies, other Federal or State agencies, universities, and agricultural organizations on a cost-reimbursable basis. Consulting services include assistance with survey methodology, questionnaire and sample design, information resource management, and statistical analysis. NASS has been very active in assisting USDA agencies in programs that monitor nutrition, food safety, environmental quality, and customer satisfaction. In cooperation with State Departments of Agriculture, land-grant universities, and industry groups, NASS conducts over 200 special surveys each year covering a wide range of issues such as farm injury, nursery and horticulture, farm finance, fruits and nuts, vegetables, and cropping practices. All results from these reimbursable efforts are made publicly available.

NASS provides technical assistance and training to improve agricultural survey programs in other countries in cooperation with other government agencies on a cost-reimbursable basis. The NASS international program focuses on the developing and emerging market countries in Asia, Central and South America, and Eastern Europe. Accurate foreign country information is essential for the orderly marketing of U.S. farm products throughout the world. NASS works directly with countries by assisting in the application of modern statistical methodology, including sample survey techniques.

NASS annually seeks input on improvements and priorities from the public through the Secretary of Agriculture's Advisory Committee on Agriculture Statistics, interaction with producers at major commodity meetings, data user meetings with representatives from agribusinesses and commodity groups, special briefings for agricultural leaders during the release of major reports, and numerous individual contacts. As a result of these activities, the agency has made adjustments to its statistics program, published reports, and expanded electronic access capabilities to better meet the statistical needs of customers and stakeholders.

This concludes my statement, Mr. Chairman. Thank you for the opportunity to submit this statement for the record.

ECONOMIC RESEARCH SERVICE

Statement of Dr. Katherine R. Smith, Administrator
Before the Subcommittee on Agriculture, Rural Development,
Food and Drug Administration, and Related Agencies

Mr. Chairman and members of the Subcommittee, I appreciate this opportunity to present the Economic Research Service's (ERS) budget recommendations for fiscal year (FY) 2012. The President's FY 2012 budget request for ERS's research programs is \$85,971,000, which is a net increase of \$3,493,000 above the agency's FY 2010 funding level. The budget we are proposing reflects the difficult choices we need to make to reduce the deficit while supporting targeted investments that are critical to long-term economic growth and job creation.

ERS's FY 2012 budget request proposes an increase of \$8,400,000 for new and expanded research initiatives in behavioral economics, administrative data pilot projects, improved user access to statistical data through increased sharing of protocols and tools, and analysis of community access to local foods. Offsetting ERS's requested increases are \$4,907,000 in proposed reductions to ongoing research programs, reflecting the need to reallocate ongoing research programs within increasingly constrained resources in order to fund the highest priority needs and curtail Federal spending.

Proposed Increases (Salaries and Expenses)

The specific priority research initiatives that ERS proposes for FY 2012 are:

- Create a Center of Excellence for Behavioral Economics -- \$2,400,000

Strong evidence suggests that USDA policy choices and program design can be made more efficient and effective through the application of behavioral economics. Behavioral economics is a state-of-the-art scientific approach to understanding decision making by individuals, groups, firms, and agencies that is providing new and valuable insights on a range of government programs and actions, including lending and credit, risk management and resource conservation, as well as food and nutrition assistance. ERS has developed a program to apply this new approach, mainly to nutrition assistance program effectiveness. To strengthen Departmental policy and program development across a broader range of priorities, ERS proposes creation of a Center of Excellence for Behavioral Economics aimed at increasing the efficiency of food, farm, natural resource, and rural development programs, supporting all Secretarial priorities and addressing government-wide efforts to improve program integrity and innovation. The Center would create a focal point within USDA to engage policy makers and use a now well recognized, science-based approach to provide technical assessments to USDA agencies. The Center would be able to make research investments on a sufficient scale to provide timely and science-based input to policy design.

The new Center of Excellence builds on ERS leadership in the application of behavioral economics. Previous ERS investments examined how the National School Lunch and Breakfast Program could better address diet quality, nutrition, and health objectives. This research confirmed the potential for using behavioral approaches to improve policy design and led to a working partnership among USDA's Food and Nutrition Service, ERS, and Cornell University to conduct additional research on child nutrition programs. The proposed Center of Excellence would apply learning from these earlier successes to extend beyond nutrition programs the application of behavioral economics in food, agricultural, natural resource and rural development programs and policies. The Center would be a focal point for behavioral economics funding and the requested increase would permit USDA to leverage funds from other USDA and Federal agencies, such as NIH and NSF, that are also investing in the theory and application of behavioral economics but do not directly address the function of USDA programs.

- Administrative Data Pilot Projects - \$2,000,000

Administrative data (i.e., those data collected in conjunction with administering government programs, including the provision of benefits) provide an unparalleled opportunity for efficiently strengthening our statistical system's ability to understand and address critical policy issues. Making administrative data more available for statistical use would avoid the substantial costs of collecting similar data via statistical surveys. However, significant legal and structural barriers often prevent the use of such data for statistical purposes, including policy analyses and program evaluations. This pilot project is designed to address existing

barriers to the use of administrative data while at the same time contributing to our knowledge of the factors that determine dietary and health outcomes.

The goal of this initiative is to better understand how nutrition assistance and other government assistance programs work together to provide a social safety net, to better assess how nutrition assistance and health care policy work together to improve dietary and health outcomes, and to help demonstrate the value of linked data (especially Supplemental Nutrition Assistance Program – SNAP- data) for policy-oriented research and program evaluation, with the eventual goal of motivating Federal-level activity to address anticipated data quality and data availability concerns. This project would also contribute to the statistical system’s linkage infrastructure.

An expectation is that the opportunity to link data on other social safety net programs with data on the SNAP will benefit USDA’s Food and Nutrition Service by illuminating options for increasing SNAP participation by eligible individuals and families. Better data utilization through linkage will also be of value to agencies outside of USDA. For example, linking data on unemployment and food assistance might reveal patterns that suggest options for improved coordination and provision of services at the State and local level. Such information may allow better and more efficient targeting of program delivery, resulting in savings to the government.

- Improve User Access to Statistical Data through Increased Sharing of Protocols and Tools (Statistical Community of Practice and Engagement - SCOPE) – \$2,000,000

Increased sharing of statistical protocols and tools for the collection, storage, analysis, and dissemination of statistical data provides opportunities for improving data quality, ease of use, information security, and system-wide operating efficiency. Improvements would come in the form of data interoperability (including harmonizing definitions, formats, and means of access) and pooling scarce professional skills and IT resources across the participating statistical agencies.

These funds would support the establishment of a voluntary, self-selected SCOPE, with the Economic Research Service acting as the Program Management Office. This would provide a structure in which to address standing recommendations from key data user constituencies about differences ranging from substantive to trivial in the dissemination of economic statistics across statistical agencies; improve the interoperability of Federal data collections -- either directly or through linkages; identify existing validated data collection and processing software tools that could be shared across statistical agencies, and conduct pilot projects that support Data.gov's role of increasing the utility of Federal data to users.

The institution of SCOPE will reduce spending on statistical software and data systems through economies of scale. Centralized purchase of software across the statistical agencies will result in savings due to high volume purchasing at lower per unit prices than can be achieved with each agency's smaller order. Also, developing common protocols for data processing and quality measurement will, for example, preclude the need for each statistical agency to invest separately in the same kind of effort.

- Community Access to Local Foods - \$2,000,000

Food choices are critically important to health outcomes, and these choices are shaped by community characteristics. The availability of local, healthy foods in the home depends to a large extent on the local food environment. The achievement and maintenance of good nutritional health is especially vital for low-income populations. These populations typically have restricted access to health care and other resources, and face greater vulnerability to poor nutritional health, increased morbidity, and a greater burden of disease. Previous research has documented an important association between dietary outcomes and the local food environment--the type of food retail outlets, food prices, and the availability of fresh, local food sources. Under this initiative ERS will develop data and conduct economic research on the access to affordable and nutritious food, particularly local foods, by low-income communities. ERS will also be working with other agencies in the Department to support the new multi-year government-wide Healthy Food Financing Initiative.

ERS has made an investment in data in FY 2010 and 2011 to better understand food purchase and acquisition behavior by low income households through the National Household Food Purchase and Acquisition Survey (FoodAPS). This nationally representative survey of households will be the first to obtain data on foods purchased and consumed from all sources-- their prices, quantities, and nutrition attributes. Such data, together with household demographics, health knowledge, and eligibility and participation in food assistance

programs, will support economic analysis of how food purchases and food assistance programs relate to dietary quality and food security.

The proposed new initiative for FY 2012 would build on this new data collection effort to go beyond basic economic analysis for a full understanding of how USDA can better support sustainable and healthy communities. Additional data would be obtained through linking spatial characteristics available in federal and proprietary data sets. These data would include community factors such as race/ethnicity; unemployment rates; public transportation systems; crime rates; school characteristics; USDA food assistance program delivery and participation; local food prices; food store and fast food access and availability; local costs of healthy diets; and other environmental factors of interest (e.g., park and recreation availability). These data can then be used in conjunction with the FoodAPS to better understand the determinants of food choices and diet outcomes such as obesity or food security.

This proposed community level data linkage effort will enable ERS to provide policy makers with answers to questions such as:

- How do access, retail outlet choice, and the availability of local foods, influence food purchases and the resulting dietary quality of purchases?
- How does food assistance program participation influence food access and food choices?

- How do community-level characteristics interact with the food environment to shape food access and food choices?
- How would programs or policies (e.g., economic development initiatives for retail food market development, including supermarkets, small grocery stores, and farmers markets) mitigate the effects of low access to affordable and nutritious foods? Could such programs foster the development of local sources for healthy food?
- How would the development of local sources for healthy food affect food choices and diet quality? Could local sourcing for food assistance programs create market opportunities for producers?

The funds for this initiative will enable ERS to provide the best possible analysis of how USDA policies and programs can better support healthy food choices, healthy consumers, and healthy communities.

Proposed Decreases (Salaries and Expenses)

Due to the need to allocate very limited resources to the highest priority needs, the difficult choice was made to identify \$4.9 million of ongoing ERS programs for reduction or termination to help offset costs for the proposed enhancements. Specific reductions have been identified for areas of lower priority for the Agency's research program and where efficiencies and cost savings can be achieved by reallocation of resources. These reductions include the following decreases: \$515,000 from the Consumer Data Information Program, \$1,000,000 from the Food Assistance and Nutrition Research Program, \$500,000 to reduce the scope of ERS Commodity Outlook programs, \$750,000 to eliminate economic analysis of specific biotechnological technologies, \$315,000 to eliminate ERS funding of the Bureau of Labor Statistics' American

Time Use Survey, \$200,000 for macroeconomic analysis, \$200,000 for analysis of non-EU Eastern European agriculture, \$132,000 by reducing agricultural productivity measurement activities, \$150,000 by eliminating situation and outlook reporting for fertilizer, \$200,000 through staff streamlining in the overall ERS situation and outlook program, \$507,000 to reduce Cooperative Agreements and Collaborations, \$165,000 by reducing intramural research on the economics of invasive species, \$225,000 in ERS purchases of IT equipment, and \$48,000 by stopping production of print copies of *Amber Waves*.

Mr. Chairman, this concludes my statement of ERS' budget recommendations for FY 2012. I will be happy to answer any questions that the Subcommittee may have.

APPLIED VERSUS GENERAL RESEARCH

Mr. KINGSTON. I wanted to ask you a question. This is opening up to really any of the scientists on your board, in terms of applied versus general research. Because one of the questions that I have is, well, general research kind of does not lead to things necessarily that are on a fast pace. Applied research, you come out and you say, "Okay. This is what we figured out."

But then applied research approaches corporate welfare, and along that line a lot of scientists now, particularly in the medical field, go to universities, not so much to USDA, but to a lot of your university partners, and they say, "Willing to relocate. Here are my requirements. You know, I want the lab to look like this. I want to have the following associates, and then I want ownership of some of the things we discover."

I just wanted to ask a general question on that. How do you guys see that?

Dr. WOTEKI. Well, Mr. Chairman, the research agencies in this mission area support a range of research from very fundamental inquiries through to applications, development of tools of use to farmers in making decisions, as well as in providing technologies that can be then further developed by the private sector into real products.

So the approach that we take is, it is important to do that investment in some fundamental areas of inquiry because that long term is going to pay off in insights that are going to actually develop approaches that are going to be——

APPLIED RESEARCH AND CORPORATE WELFARE

Mr. KINGSTON. Well, I understand the philosophy. I am just saying how do you as scientists who see this in the next lab over, you might say, how do you feel about it? Where do you see, okay, this is now entered into corporate welfare or enrichment of somebody who actually works for a State university and suddenly they have got a side deal that is going to make them a lot of money?

And I am not saying it is necessarily a bad thing, but I also say it seems like it can be one of those things that you have to control.

And I am not holding you responsible for controlling it necessarily either. I am just throwing this out.

Dr. WOTEKI. We do not view the research that we sponsor either in universities or that is conducted in our intramural agencies as being corporate welfare. The vast majority of the research that is supported by research, education, and economics—REE—falls into two areas. One is what would be considered to be pre-competitive research. So it is the kind of research that private companies are not going to support. It is the kind of research that farmer organizations are not going to be able to support either. So it is very important research. It is more fundamental. It is long term.

The second category of research that we do is research that has applications in many different areas, but it is also research, again, that farmers are not going to be able to support through their associations, or it is for sectors of the agricultural industry that are relatively small and also are not going to be able to pull it together.

These research agencies also provide an infrastructure for research. The Agricultural Research Service, for example, has a very important function in maintaining collections of germ plasm that are of importance to agriculture. It is those germ plasm collections, plants and animal species that provide to the research community and to the private sector the possibility for identifying genes that are going to have traits that will protect against pests, protect against disease when they are then bred or using the new genetic technologies introduced into plants and into animals.

The other aspect of our research is that it is inherently governmental. There are responsibilities that we have for providing support to the action agencies within the department, the science base for their program and policy decisions. So we view that as being our large second role, as providing this infrastructure as well as scientific evidence base for the other agencies within USDA and also beyond USDA. The Food and Drug Administration, for example, looks to the research agencies here to provide answers to their questions that form then the basis for their program and policy decisions.

Mr. KINGSTON. Well, I am out of time, and I would like to explore this further with you when we get back, when the time comes back.

Mr. Farr.

IMPACT OF BUDGET REDUCTIONS

Mr. FARR. Well, thank you very much, Mr. Chairman, and thank you, Doctor, for being here and your very competent staff. I appreciate your service at a time when people are very critical of all of us in this service. And I think it is a need to kind of re-educate the public as to what the value of our services are.

The H.R. 1 bill that passed, which was this \$60 billion cut to have to be taken before the end of the year, it was not successful in the Senate, but it certainly drew the line in the sand because it came out of this committee as to what the game plan was here on out.

And I think we need to look at that and realize that that is a goal that if you cannot achieve it in the first instance, you may achieve it, and now we are going to be passing another or we have passed another CR that if you add it all up, it has been about \$2 billion a week, and with 30 weeks left, that adds up to \$60 billion if we keep going this way, and that is exactly what H.R. 1 did.

So I am very interested, and I think other members are of trying to figure out what is the trickle down effect of that cut. In that bill there was a rescission of \$585 million in the Agriculture Department. That cut unobligated balances.

Within NIFA have you determined what those accounts are that have unobligated balances and what would be the impact if the Secretary's knife were to cut those provisions? Specifically, are they ongoing research awards and projects that would be stopped mid-term?

What is going to be the impact of these cuts?

Dr. WOTEKI. Mr. Farr, we recognize that in order to reduce the deficit and to address the debt issues that there are some very hard choices that are being made. We do believe that in order to

be responsible in the way that we are approaching our budgets, that we really have to make some very hard choices.

At the same time, we have to be also focusing on making the investments that are going to bring the economy back to life and—

Mr. FARR. Well, we had hoped that all of the research is investments, but I mean, what about the cuts? You cannot avoid them.

Dr. WOTEKI. That is true, and the—

Mr. FARR. So where are the impacts going to be?

Dr. WOTEKI. The 2012 budget actually did make the proposals to eliminate earmarks, and my understanding is that that is included.

Mr. FARR. But that is not my question. My question is we have ordered these cuts. If they come to your department and it is unobligated, you are going to have to offer up something. And what is going to be the impact?

Dr. WOTEKI. Well, I can tell you that the immediate impacts are going to be largely felt by universities; that the funding that would not be allowed would be funding that goes to support research and various other activities that have traditionally been earmarks in our budget.

Mr. FARR. So the priority is earmarks first. They go first.

EARMARK TERMINATIONS

Dr. WOTEKI. Correct.

Mr. FARR. How many earmarks were in your budget?

Dr. WOTEKI. In total it adds up to about \$141 million in NIFA and \$42 million in the Agriculture Research Service.

Mr. FARR. And how many research projects is that?

Dr. WOTEKI. I would have to get back to you with an absolute accounting of how many research projects are involved.

Mr. FARR. Well, do you have any guesstimate? Does it affect every State?

Dr. WOTEKI. Well, I can tell you within the ARS budget, about a third of that is passed through to universities, and for NIFA, all of it is.

Mr. FARR. do the universities know that?

Dr. WOTEKI. Yes, they are acutely aware.

Mr. FARR. They are on alert?

Dr. WOTEKI. Yes.

Mr. FARR. Well, they certainly have not been here. I really would appreciate if you could give the Committee the list of eligible victims.

Dr. WOTEKI. And we will be happy to provide that to the Committee.

[The information follows:]

ARS Fiscal Year 2010 Earmarks Not Included in 2012 Budget Request

Earmark Title	Amount
Animal Vaccines, Greenport, NY	\$1,518,000
Aquaculture Fisheries Center, Pine Bluff, AR (Stuttgart, AR)	519,000
Aquaculture Initiatives, Harbor Branch Oceanographic Institute, Stuttgart, AR ..	1,597,000
Arthropod-Borne Animal Diseases Research Laboratory, Manhattan, KS	1,500,000
Biomass Crop Production, Brookings, SD	1,250,000
Biomedical Materials in Plants, Beltsville, MD	1,700,000
Bioremediation Research, Beltsville, MD	111,000
Biotechnology Research and Development Center, Washington, DC	3,500,000
Catfish Genome, Auburn, AL	819,000
Center for Agroforestry, Booneville, AR	660,000
Cereal Disease, St. Paul, MN	290,000
Computer Vision Engineer, Kearneysville, WV.....	400,000
Crop Production and Food Processing, Peoria, IL.....	786,000
Dairy Forage Research Center, Marshfield, WI (Madison, WI)	2,500,000
Dale Bumpers Small Farms Research Center, Booneville, AR	1,805,000
Diet Nutrition and Obesity Research, New Orleans, LA	623,000
Endophyte Research, Booneville, AR	994,000
Forage Crop Stress Tolerance and Virus Disease Management, Prosser, WA	200,000
Formosan Subterranean Termites Research, New Orleans, LA	3,490,000
Foundry Sand By-Products Utilization, Beltsville, MD	638,000
Human Nutrition Research, Boston, MA	350,000
Human Nutrition Research, Houston, TX	300,000
Human Nutrition Research, Kannapolis, NC	1,000,000
Improved Crop Production Practices, Auburn, AL	1,293,000
Livestock-Crop Rotation Management, Kutztown, PA (University Park, PA)	349,000
Lyme Disease, 4 Poster Project, Washington, DC	700,000
Medicinal and Bioactive Crops, Washington, DC	111,000
Mosquito Trapping Research/West Nile Virus, Gainesville, FL	1,454,000
National Bio and Agro Defense Facility, Manhattan, KS	1,500,000
National Center for Agricultural Law, Beltsville, MD (NAL)	654,000
National Corn to Ethanol Research Pilot Plant, Washington, DC	360,000
Northern Great Plains Research Laboratory, Mandan, ND	543,000
Northwest Center for Small Fruits, Washington, DC	275,000
Pacific Basin Agricultural Research Center Staffing, Hilo, HI	700,000
Phytoestrogen Research, New Orleans, LA	1,750,000
Potato Diseases, Beltsville, MD.....	61,000
Poultry Diseases, Beltsville, MD	408,000
Seismic and Acoustic Technologies in Soils Sedimentation Lab, Oxford, MS	332,000
Sorghum Research, Little Rock, AR	135,000
Soybean Genomics, St. Paul, MN	200,000
Subtropical Beef Germplasm, Brooksville, FL	1,033,000
Termite Species in Hawaii, New Orleans, LA	200,000
Tropical Aquaculture Feeds (Oceanic Institute), Hilo, HI	1,438,000
Water Management Research Laboratory, Brawley, CA (Riverside, CA)	340,000
Water Use Reduction, Dawson, GA	1,200,000
Wild Rice, St. Paul, MN	303,000
FY 2010 ARS Earmark Total.....	<u>41,689,000</u>

NIFA Fiscal Year 2010 Earmarks Not Included in 2012 Budget Request

SPECIAL RESEARCH GRANTS

Project Name	FY 2010 Enacted	Recipients
Advanced Genetic Technologies, KY	\$650,000	University of Kentucky
Advancing Biofuel Production, TX	300,000	Texas A&M University
		Baylor University
Aegilops Cylindrica (Jointed Goatgrass), WA	245,000	Washington State University
Agricultural Diversification, HI	153,000	University of Hawaii
Agricultural Entrepreneurial Alternatives, PA	248,000	The Pennsylvania State University
Agricultural Marketing, IL	176,000	University of Illinois
Agriculture Energy Innovation Center, GA	1,000,000	University of Georgia
Agriculture Science, OH	450,000	The Ohio State University
Agroecology/Chesapeake Bay Agroecology, MD	439,000	Wye Research and Education Center
Air Quality, TX and KS	1,090,000	Texas A&M University
Animal Science Food Safety Consortium, AR, IA, and KS	1,000,000	University of Arkansas
		Iowa State University
		Kansas State University
Apple Fire Blight, MI and NY	346,000	Michigan State University
		Cornell University
Aquaculture, FL, CA, and TX	416,000	University of Florida
Aquaculture, ID and WA	529,000	Washington State University
		University of Idaho
Aquaculture, LA	150,000	Louisiana State University
Aquaculture, MS	361,000	Mississippi State University
Aquaculture, NC	227,000	North Carolina State University
Aquaculture Product and Marketing Development, WV	550,000	University of West Virginia
Armillaria Root Rot, MI	104,000	Michigan State University
Asparagus Production Technologies, WA	173,000	Washington State University
		Michigan State University
Avian Bioscience, DE	150,000	University of Delaware
Babcock Institute, WI	416,000	University of Wisconsin-Madison
Barley for Rural Development, MT and ID	547,000	Montana State University
		University of Idaho
Beef Improvement Research, TX and MO	693,000	Texas A&M University
		University of Missouri
Bioactive Foods Research for Health and Food Safety, MA	525,000	University of Massachusetts
Biodesign and Processing Research Center, VA	868,000	Virginia Polytechnic Institute and State University
Bioenergy Production and Carbon Sequestration, TN	1,000,000	University of Tennessee
Biomass-based Energy Research, OK and MS	839,000	Oklahoma State University
		University of Oklahoma
		Mississippi State University
Biotechnology, NC	199,000	North Carolina State University
Bovine Tuberculosis, MI	346,000	Michigan State University
Brucellosis Vaccine, MT	305,000	Montana State University
Cataloging Genes Associated with Drought and Disease Resistance, NM	176,000	New Mexico State University
Center for One Medicine, IL	500,000	University of Illinois
Center for Rural Studies, VT	350,000	University of Vermont
Childhood Obesity and Nutrition, VT	250,000	University of Vermont
Citrus Canker/Greening, FL	1,217,000	University of Florida
Competitiveness of Agricultural Products, WA	469,000	Washington State University
		University of Washington
Computational Agriculture, NY	131,000	Cornell University
Cool Season Legume Research, ID, ND, and WA	350,000	University of Idaho
		North Dakota State University
		Washington State University
Cotton Insect Management and Fiber Quality, GA	346,000	University of Georgia
Cranberry/Blueberry Disease and Breeding, NJ	550,000	Rutgers University
Cranberry/Blueberry, MA	160,000	University of Massachusetts
Crop Integration and Production, SD	400,000	South Dakota State University
Crop Pathogens, NC	225,000	North Carolina State University
Dairy and Meat Goat Research, TX	200,000	Prairie View A&M University
Dairy Farm Profitability, PA	372,000	The Pennsylvania State University
Delta Revitalization Project, MS	176,000	Mississippi State University
Designing Foods for Health, TX	1,385,000	Texas A&M University
Detection and Food Safety, AL	1,748,000	Auburn University
Drought Mitigation, NE	600,000	University of Nebraska

NIFA Fiscal year 2010 Earmarks Not Included in 2012 Budget Request

Project Name	FY 2010 Enacted	Recipients
Efficient Irrigation, NM and TX	1,160,000	Texas A&M University
Emerald Ash Borer, OH	550,000	New Mexico State University
Environmental Research, NY	258,000	The Ohio State University
Environmental Risk Factors/Cancer, NY	150,000	Cornell, University
Environmentally Safe Products, VT	250,000	Cornell, University
Expanded Wheat Pasture, OK	223,000	University of Vermont
Floriculture, HI	300,000	Oklahoma State University
Food and Agriculture Policy Research Institute, IA, MO, NV, and WI	1,339,000	University of Hawaii
Food and Fuel Initiative, IA	298,000	Iowa State University
Food Marketing Policy Center, CT	401,000	University of Missouri
Food Safety, OK and ME	382,000	University of Connecticut
Food Safety, TX	69,000	University of Massachusetts
Food Safety Research Consortium, NY	693,000	Oklahoma State University
Food Security, WA	276,000	Texas A&M University
Forages for Advancing Livestock Production, KY	473,000	Cornell, University
Forestry Research, AR	319,000	Washington State University
Fresh Produce Food Safety, CA	750,000	University of Kentucky
Genomics for Southern Crop Stress and Disease, MS	797,000	University of Arkansas
Geographic Information System	1,248,000	University of California
Grain Sorghum, KS and TX	1,000,000	Mississippi State University
Grass Seed Cropping for Sustainable Agriculture, ID, OR, and WA	313,000	The Pennsylvania State University
High Performance Computing, UT	263,000	Kansas State University
Human Nutrition, LA	526,000	Texas A&M University
Human Nutrition, NY	377,000	Texas Tech University
Hydroponic Production, OH	124,000	University of Idaho
Improved Dairy Management Practices, PA	243,000	Oregon State University
Improved Fruit Practices, MI	147,000	Washington State University
Increasing Shelf Life of Agricultural Commodities, ID	603,000	Utah State University
Infectious Disease Research, CO	650,000	Louisiana State University
Initiative to Improve Blueberry Production and Efficiency, GA	209,000	Cornell, University
Inland Marine Aquaculture, VA	400,000	The Ohio State University
Institute for Food Science and Engineering, AR	775,000	The Pennsylvania State University
Integrated Economic and Technical Analysis of Sustainable Biomass Energy Systems, IN	188,000	Michigan State University
Integrated Production Systems, OK	177,000	University of Idaho
International Arid Lands Consortium, AZ	401,000	Colorado State University
Invasive Plant Management, MT	270,000	University of Georgia
Joint U.S.-China Biotechnology Research and Extension, UT	210,000	University of Virginia
Leopold Center Hypoxia Project, IA	105,000	Polytechnic Institute and State University
Livestock and Dairy Policy, NY and TX	693,000	University of Arkansas
Maple Research, VT	165,000	Purdue University
Meadow Foam, OR	180,000	Oklahoma State University
Michigan Biotechnology Consortium	384,000	University of Arizona
Midwest Center for Bioenergy Grasses, IN	188,000	Montana State University
Midwest Poultry Consortium, IA	471,000	Utah State University
Milk Safety, PA	821,000	Iowa State University
Molluscan Shellfish, OR	253,000	Cornell University
Multicommodity Research, OR	244,000	The Pennsylvania State University
National Beef Cattle Genetic Evaluation Consortium, NY, CO, and GA	655,000	Oregon State University
National Center for Soybean Biotechnology, MO	690,000	Colorado State University
Nematode Resistance Genetic Engineering, NM	209,090	University of Georgia
Nevada Arid Rangelands Initiative	500,000	Cornell University
New Century Farm, IA	350,000	University of Missouri
New Crop Opportunities, KY	525,000	New Mexico State University
New Satellite and Computer-based Technology for Agriculture, MS	654,000	University of Nevada
Oil Resources from Desert Plants, NM	176,000	Iowa State University
Organic Cropping, OR	149,000	University of Kentucky
		Mississippi State University
		Oregon State University

NIFA Fiscal year 2010 Earmarks Not Included in 2012 Budget Request

<u>Project Name</u>	<u>FY 2010 Enacted</u>	<u>Recipients</u>
Organic Cropping, WA	264,000	Washington State University
Organic Waste Utilization, NM	69,000	New Mexico State University
Peach Tree Short Life Research, SC	195,000	Clemson University
Perennial Wheat, WA	98,000	Washington State University
Phytophthora Research, GA	178,000	University of Georgia
Phytophthora Research, MI	346,000	Michigan State University
Phytosensors for Crop Security and Precision Agriculture, TN	1,000,000	University of Tennessee
Pierce's Disease, CA	2,000,000	University of California
Policy Analyses for National Secure and Sustainable Food, Fiber, Forestry and Energy Program, TX	200,000	Texas A&M University
Potato Breeding Research Program	1,436,000	Colorado State University University of Maine North Dakota State University Washington State University
Potato Cyst Nematode, ID	349,000	University of Idaho
Precision Agriculture, AL	419,000	Auburn University
Precision Agriculture, KY	671,000	University of Kentucky
Preharvest Food Safety, KS	500,000	Kansas State University
Preservation and Processing Research, OK	174,000	Oklahoma State University
Protein Production for Research to Combat Viruses and Microbes, CT	500,000	University of Connecticut
Protein Utilization, IA	600,000	Iowa State University
Rangeland Ecosystems Dynamics, ID	300,000	University of Idaho
Regional Barley Gene Mapping Project, OR	471,000	Oregon State University
Regionalized Implications of Farm Programs, MO and TX	595,000	University of Missouri Texas A&M University
Renewable Energy and Products, ND	1,000,000	North Dakota State University
Rice Agronomy, MO	174,000	University of Missouri
Ruminant Nutrition Consortium, MT, ND, SD, and WY	563,000	South Dakota State University
Rural Policies Institute, NE, IA, and MO	889,000	University of Missouri
Rural Renewable Energy Research and Education Center, WI	500,000	University of Wisconsin
Russian Wheat Aphid, CO	250,000	Colorado State University
Seed Technology, SD	350,000	South Dakota State University
Small Fruit Research, OR, WA, and ID	307,000	Oregon State University
Soil-borne Disease Prevention in Irrigated Agriculture, NM	187,000	New Mexico State University
Southern Great Plains Dairy Consortium, NM	350,000	New Mexico State University
Southwest Consortium for Plant Genetics and Water Resources, NM	271,000	New Mexico State University
Soybean Cyst Nematode, MO	556,000	University of Missouri
Soybean Research, IL	745,000	University of Illinois
Specialty Crops, AR	175,000	University of Arkansas
Specialty Crops, IN	235,000	Purdue University
STEEP III - Water Quality in Northwest	444,000	Washington State University
Sustainable Agriculture, CA	357,000	University of California
Sustainable Agriculture, MI	266,000	Michigan State University
Sustainable Agriculture and Natural Resources, PA	142,000	The Pennsylvania State University
Sustainable Beef Supply, MT	682,000	Montana State University
Sustainable Engineered Materials from Renewable Sources, VA	485,000	Virginia Polytechnic Institute and State University
Sustainable Production and Processing Research for Lowbush Specialty Crops, ME	200,000	University of Maine
Swine and Other Animal Waste Management, NC	349,000	North Carolina State University
Technology for Irrigated Vegetable Production, SC	500,000	Clemson University
Texas Obesity Research Project	500,000	Texas A&M University
Tick Borne Disease Prevention, RI	280,000	University of Rhode Island
Tillage, Silviculture, Waste Management, LA	200,000	Louisiana State University
Tri-state Joint Peanut Research, AL	413,000	Auburn University
Tropical and Subtropical Research/T-Star	6,677,000	American Samoa Community College University of Florida University of Guam University of Hawaii University of Puerto Rico University of the Virgin Islands
Tropical Aquaculture, FL	300,000	University of Florida
Virtual Plant Database Enhancement Project, MO	588,000	University of Missouri
Virus-free Wine Grape Cultivars, WA	260,000	Washington State University
Viticulture Consortium, CA, NY, and PA	1,454,000	University of California Cornell University

NIFA Fiscal year 2010 Earmarks Not Included in 2012 Budget Request

<u>Project Name</u>	<u>FY 2010 Enacted</u>	<u>Recipients</u>
Water Conservation, KS	500,000	Kansas State University
Water Use Efficiency and Water Quality Enhancements, GA	346,000	University of Georgia
Wetland Plants, LA	200,000	Louisiana State University
Wheat Genetic Research, KS	1,000,000	Kansas State University
Wildlife/Livestock Disease Research Partnership, WY	300,000	University of Wyoming
Wood Utilization, AK, ID, ME, MI, MN, MS, NC, OR, TN, and WV	4,841,000	University of Alaska University of Idaho Louisiana State University University of Maine Michigan State University University of Minnesota Mississippi State University North Carolina State University Oregon State University University of Tennessee West Virginia University Research Corporation
Wool Research, MT, TX, and WY	206,000	University of Montana Texas A&M University University of Wyoming
World Food and Health Initiative, IL	461,000	University of Illinois
Total	<u>\$87,192,000</u>	

NIFA Fiscal year 2010 Earmarks Not Included in 2012 Budget Request

FEDERAL ADMINISTRATION GRANTS: RESEARCH

Project Name	FY 2010 Enacted	Recipients
Agriculture-based Industrial Lubricants, IA	5405,000	University of Northern Iowa
Agriculture Development in the American Pacific	400,000	University of Hawaii
Agriculture Waste Utilization, WV	500,000	West Virginia State College Research & Developm
Animal Health Research and Diagnostics, KY	300,000	Murray State University
Animal Waste Management, OK	274,000	Oklahoma Agriculture Experiment Station
Applied Agriculture and Environment Research CA	693,000	California State University, Fresno Foundation
Aquaculture, OH	623,000	Ohio State University
Aquaculture Research and Education Center, PA	300,000	Cheney University of Pennsylvania
Best Practices in Agriculture Waste Management, CA	300,000	Cal Poly Corporation
Biotechnology Research, MS	480,000	Agricultural Experiment Station - Alcorn State U
Celulosic Biomass, SC	469,000	Claflin University
Center for Agricultural & Rural Development, IA	412,000	Iowa State University
Center for Food Industry Excellence, TX	946,000	Texas Tech University
Center for Innovative Food Technology, OH	793,000	Center for Innovative Food Technology
Center for North American Studies, TX	693,000	Texas Agrilife Research
Center for Dairy and Beef Excellence, PA	340,000	Center for Dairy Excellence Pennsylvania Center Beef Excellence, Inc.
Center for Renewable Transportation Fuel, MI	500,000	Wayne State University
Clemson University Veterinary Institute, SC	1,000,000	Clemson University
Climate Forecasting, FL	2,494,000	Florida State University
Cotton Research, TX	1,730,000	Texas Tech University
Council for Agriculture Science and Technology, IA	110,000	Council for Agricultural Science & Technology
Dietary Intervention, OH	866,000	Ohio State University The University of Toledo
Ethnobotanicals, MD	550,000	Frostburg State University
Farmland Preservation, OH	160,000	Ohio State University
Florida Biomass to Biofuels Conversion Program, FL	300,000	University of Central Florida
Greenhouse Nurseries, OH	1,380,000	The University of Toledo
High Value Horticultural Crops, VA	502,000	Institute for Advanced Learning & Research
International Center for Food Technology Development to Expand Markets, IN	750,000	Purdue University
Kansas Biobased Polymer Initiative	750,000	Kansas Bioscience Authority
Mariculture, NC	220,000	University of North Carolina - Wilmington
Medicinal and Bioactive Crop Research, TX	300,000	Stephen F. Austin State University
Midwest Agribusiness Trade and Information Center, IA	187,000	Iowa State University
Mississippi Valley State University, Curriculum Development	1,002,000	Mississippi Valley State University
Monitoring Agricultural Sewage Sludge Application, OH	500,000	The University of Toledo
NE Center for Invasive Plants, CT, ME, VT	295,000	Connecticut Cooperative Extension System
Nutrition Research, NY	188,000	City Harvest, Inc.
Nutrition and Diet Research, CA	925,000	Loma Linda University
Pasteurization of Shell Eggs, MI	935,000	Michigan Research Institute
PM-10 Study, WA	268,000	Washington State University
Polymer Research, KS	2,000,000	Pittsburg State University
Rural Agriculture Small Business Development Program	500,000	University of Pittsburgh
Rural Systems, MS	215,000	Jackson State University
Shrimp Aquaculture, AZ, HI, LA, MA, MS, SC, TX	2,908,000	The Oceanic Institute University of Southern Mississippi
Sustainable Agricultural Freshwater Conservation, TX	1,434,000	Sul Ross State University
University of Wisconsin-Stevens Point Institute for Sustainable Technologies	1,400,000	University of Wisconsin - Stevens Point
Viral Hemorrhagic Septicemia, OH	500,000	The University of Toledo
Viral Hemorrhagic Septicemia, MI	150,000	Michigan State University
Vitis Gene Discovery, MO	422,000	Curators of the University of Missouri
Water Pollutants, WV	500,000	Marshall University Research Corporation
Total	<u>\$33,869,000</u>	

NIFA Fiscal Year 2010 Earmarks Not Included in 2012 Budget Request

FEDERAL ADMINISTRATION GRANTS: EXTENSION

<u>Project Name</u>	<u>FY 2010 Enacted</u>	<u>Recipients</u>
Childhood Farm Safety, IA	975,000	Farm Safety 4 Just Kids
Conservation Technology Transfer, WI	376,000	University of Wisconsin Extension
Dairy Education, IA	175,000	Northeast Iowa Community College
Diabetes Detection and Prevention, WA, PA	1,033,000	University of Hawaii Joslin Diabetes Center, Inc. New Mexico State University Pennsylvania State University Temple University Washington State University West Virginia State University
E-commerce, MS	231,000	Cooperative Extension Service - Mississippi State
Efficient Irrigation, NM, TX	1,610,000	Texas Cooperative Extension
Extension Specialist, MS	98,000	Cooperative Extension Service - Mississippi State
Food Production Education, VT	120,000	Vermont Community Foundation
Health Education Leadership, KY	590,000	Cooperative Extension Service - University of Kentucky
Income Enhancement Demonstration, OH	864,000	ELSC, Inc.
Institute for Sustainable Agriculture, WI	400,000	University of Wisconsin Extension
Invasive Phragmites Control and Outreach, MI	155,000	Ducks Unlimited, Inc.
Iowa Vitality Center	250,000	Cooperative Extension Service - Iowa State University
Maine Cattle Health Assurance Program	700,000	Maine Department Agricultural Food & Rural Resources
National Center for Farm Safety, IA	170,000	Northeast Iowa Community College
Nutrition Enhancement, WI	950,000	University of Wisconsin Extension
Ohio-Israel Agriculture Initiative	700,000	The Negev Foundation
Pilot Technology Transfer, OK, MS	209,000	Mississippi Agricultural Forestry Experiment Station Oklahoma Agriculture Experiment Station
Pilot Technology Transfer, WI	174,000	University of Wisconsin Extension
Potato Integrated Pest Management, ME	450,000	University of Maine System
Potato Pest Management, WI	277,000	University of Wisconsin Extension
Range Improvement, NM	223,000	College of Agriculture & Home Economics
University of Wisconsin-Extension Northern Aquaculture Demonstration Facility	450,000	University of Wisconsin Extension
Urban Horticulture, WI	376,000	University of Wisconsin Extension
Urban Horticulture and Marketing, IL	175,000	Chicago Botanic Garden
Veterinary Technology Satellite Program, KS	1,000,000	Colby Community College
Total	511,831,000	

NIFA Fiscal Year 2010 Earmarks Not Included in 2012 Budget Request**OTHER EARMARK PROJECTS**

<u>Project Name</u>	<u>FY 2010 Enacted</u>	<u>Recipients</u>
Food Animal Residue Avoidance Database	\$1,000,000	University of California- Davis University of Florida North Carolina State University at Raleigh
Grants to Youth Serving Institutions	1,784,000	Future Farmers of America (National FFA Organization) National 4-H Council Girl Scouts of the United States of America
Farm Safety	4,863,000	University of California - Davis Colorado State University University of Delaware Cooperative Extension Service - Univ. of Georgia Purdue University Kansas State University University of Kentucky University of Maine System Michigan State University University of Minnesota Curators of the University of Missouri University of Nebraska The Ohio State University Research Foundation Oklahoma State University University of Tennessee Agricultural Extension Texas A&M University System Utah State University Virginia Agriculture Experiment Station - Virginia Tech Cooperative Extension Service - Univ. of Vermont Cooperative Extension Service - Univ. of Wisconsin West Virginia University Auburn University
Total	<u>\$7,647,000</u>	

Mr. FARR. For example, and I wanted to just see how you handled these because one of our very successful competitive grant programs has been the Viticulture Consortium, which has been out in California. It is a, you know, modest investment on an annual basis. Approximately \$2 million has leveraged over \$5 million in industry investment in research. The funds have employed scientists, technical staff, graduate students working on improving the efficiency and sustainability of specialty crop industries, which is developing in every State in the Union, and improving much of the vitality of many rural areas, which the Secretary has been very keen on trying to sustain because rural America is really at risk.

And I wondered what solutions you are going to offer to continuing important work like that. You know, this is a very valuable, successful project. It has got a lot of private sector investment. How do you make your priority decisions?

Dr. WOTEKI. Well, the Viticulture work that you have cited is a successful project. There are quite a number of them that have been successful and long-term projects that have been supported through earmarks.

And as I indicated in my summary of my testimony, by zeroing out earmarks there are some very good programs that will be affected. What we are proposing is that the university communities that are being affected, that they compete under the competitive grants program, provide a proposal to AFRI, and if it is meritorious, it will compete well and has a chance of getting funding within that competitive grants program.

Mr. FARR. Well, in the next round, I would like to follow up on that. Let me just set the stage here. You have and I think this committee believes, but maybe it is not true, that over time a lot of traditional research projects have been funded by the department. I have always heard that some of those projects are not even relevant anymore, but they come out of formula funding or come out of anything.

I am very interested in how you use the best professional decision making and what is the relevance of these research projects to really dealing with today's problems.

Mr. KINGSTON. The gentleman's time has expired, but we are, I think, moving toward the same subject. First of all, I want to say we actually do have a list of those earmarks so that we can save the Under Secretary time, and we will submit them for the record.

[The information follows:]

DISCLOSURE OF EARMARKS AND CONGRESSIONALLY DIRECTED SPENDING ITEMS

Following is a list of congressional earmarks and congressionally directed spending items (as defined in clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate, respectively) included in the conference report or the accompanying joint statement of managers, along with the name of each Senator, House Member, Delegate, or Resident Commissioner who submitted a request to the Committee of jurisdiction for each item so identified. Neither the conference report nor the joint statement of managers contains any limited tax benefits or limited tariff benefits as defined in the applicable House or Senate rules. Pursuant to clause 9(b) of rule XXI the rules of the House of Representatives, neither the conference report nor the joint statement of managers contains any congressional earmarks, limited tax benefits, or limited tariff benefits that were not (1) committed to the conference committee by either House or (2) in a report of a committee of either House on this bill or on a companion measure.

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION
[Presidentially Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Administration	Senate
National Institute of Food and Agriculture	SRG	Global Change/UVB Radiation	\$1,408,000	The President	
National Institute of Food and Agriculture	SRG	Minor Use Animal Drugs	\$429,000	The President	Hinchey, Latham
Rural Development	Rural coop grants	Appropriate Technology Transfer for Rural Areas	\$2,800,000	The President	Baucus; Feinstein, Har-kin; Johnson; Lincoln; Pryor; Specter; Tester

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
Agricultural Research Service	Buildings and facilities	Agricultural Research Center, Logan, UT	\$4,527,000	Bennett	
Agricultural Research Service	Buildings and facilities	Agricultural Research Facility, Beltsville, MD	\$3,000,000	Cardin; Mikulski	Hoyer
Agricultural Research Service	Buildings and facilities	Animal Bioscience Facility, Bozeman, MT	\$3,654,000	Baucus; Tester	Rehberg
Agricultural Research Service	Buildings and facilities	Appalachian Fruit Laboratory, Kearneysville, WV	\$2,000,000	Byrd	
Agricultural Research Service	Buildings and facilities	ARS Biotechnology Lab, Lorman, MS	\$1,500,000	Cochran	Thompson (MS)
Agricultural Research Service	Buildings and facilities	ARS Forage-Animal Production Research Facility, Lexington, KY	\$2,000,000	McConnell	

Agricultural Research Service	Buildings and facilities	ARS Research and Development Center, Auburn, AL	\$3,500,000	Shelby	Rogers (AL)
Agricultural Research Service	Buildings and facilities	ARS Waste Management Research Facility, Bowling Green, KY	\$2,000,000	McConnell	
Agricultural Research Service	Buildings and facilities	Center for Advanced Viticulture and Tree Crop Research, Davis, CA	\$3,000,000		Thompson (CA)
Agricultural Research Service	Buildings and facilities	Center for Grape Genetics, Geneva, NY	\$3,654,000	Gilibrand	Atturi; Hinchey
Agricultural Research Service	Buildings and facilities	Center of Excellence for Vaccine Research, Storrs, CT	\$3,654,000	Dodd; Lieberman	DeLauro
Agricultural Research Service	Buildings and facilities	Dairy Forage Agricultural Research Center, Prairie du Sac, WI	\$4,000,000	Kohl	
Agricultural Research Service	Buildings and facilities	Jamie Whitten Delta States Research Center, Stoneville, MS	\$4,000,000	Cochran	
Agricultural Research Service	Buildings and facilities	National Plant and Genetics Security Center, Columbia, MD	\$3,500,000	Bond	
Agricultural Research Service	Buildings and facilities	Pacific Basin Agricultural Research Center, Hilo, HI	\$5,000,000	Akaka; Inouye	Hirono
Agricultural Research Service	Buildings and facilities	Systems Biology Research Facility, Lincoln, NE	\$3,760,000	Ben Nelson	Fortenberry
Agricultural Research Service	Buildings and facilities	U.S. Agricultural Research Station, Salinas, CA	\$3,654,000		Farr
Agricultural Research Service	Buildings and facilities	U.S. ARS Laboratory, Canal Point, FL	\$3,422,000	Martinez; Bill Nelson	Boyd; Grayson; Hastings (FL); Melancon; Wasserman Schultz
Agricultural Research Service	Buildings and facilities	U.S. ARS Laboratory, Pullman, WA	\$3,740,000	Canwell; Murray	Hastings (WA); Inlee; Larsen (WA); McDermott; McMorris Rodgers; Smith (WA)

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
Agricultural Research Service	Buildings and facilities	U.S. ARS Sugarcane Research Laboratory, Houma, LA	\$3,654,000	Landrieu; Vitter	Alexander; Melancon
Agricultural Research Service	Buildings and facilities	University of Toledo Greenhouse and Hydroponic Research Complex, Toledo, OH	\$3,654,000	Brown	Kaptur
Agricultural Research Service	Salaries and expenses	Animal Vaccines, Greenport, NY	\$1,518,000		DeLauro
Agricultural Research Service	Salaries and expenses	Arthropod-Borne Animal Diseases Research Laboratory, Manhattan, KS	\$1,500,000	Brownback	
Agricultural Research Service	Salaries and expenses	Aquaculture Fisheries Center, ARS, Pine Bluff, AR	\$519,000	Lincoln; Pryor	Berry; Ross
Agricultural Research Service	Salaries and expenses	Aquaculture Initiatives, Harbor Branch Oceanographic Institute, Sturgart, AR	\$1,597,000	Martinez	
Agricultural Research Service	Salaries and expenses	Biomass Crop Production, Brookings, SD	\$1,250,000	Johnson; Thune	Herseth Sandlin
Agricultural Research Service	Salaries and expenses	Biomedical Materials in Plants (Biotech Foundation), Beltsville, MD	\$1,700,000	Cardin; Mikulski	Hoyer
Agricultural Research Service	Salaries and expenses	Bioremediation Research, Beltsville, MD	\$111,000	Cardin	Blumenauer
Agricultural Research Service	Salaries and expenses	Biotechnology Research and Development Center, Washington, DC	\$3,500,000	Durbin	Schock
Agricultural Research Service	Salaries and expenses	Catfish Genome, Auburn, AL	\$819,000		Rogers (AL)
Agricultural Research Service	Salaries and expenses	Center for Agroforestry, Booneville, AR	\$560,000	Bond	Emerson

Agricultural Research Service	Salaries and expenses	Cereal Disease, St. Paul, MN	\$290,000	Chambliss; Johnson; Klobuchar; Murray	McMorris Rodgers
Agricultural Research Service	Salaries and expenses	Computer Vision Engineer, Kearneysville, WV	\$400,000	Byrd	
Agricultural Research Service	Salaries and expenses	Crop Production and Food Processing, Peoria, IL	\$786,000		Schock
Agricultural Research Service	Salaries and expenses	Dairy Forage Research Center, Marshfield, WI	\$2,500,000	Kohl	
Agricultural Research Service	Salaries and expenses	Dale Bumpers Small Farms Research Center, Booneville, AR	\$1,805,000	Lincoln; Pryor	Berry; Ross
Agricultural Research Service	Salaries and expenses	Diet Nutrition and Obesity Research, New Orleans, LA	\$623,000	Landrieu; Vitter	
Agricultural Research Service	Salaries and expenses	Endophyte Research, Booneville, AR	\$994,000	Lincoln; Pryor	Blumenauer; Boozman; Ross; Schrader
Agricultural Research Service	Salaries and expenses	Forage Crop Stress Tolerance and Virus Disease Management, Prosser, WA	\$200,000	Murray	Hastings
Agricultural Research Service	Salaries and expenses	Formosan Subterranean Termites Research, New Orleans, LA	\$3,490,000	Landrieu	Alexander
Agricultural Research Service	Salaries and expenses	Foundry Sand By-Products Utilization, Beltsville, MD	\$638,000	Cardin	Hoyer
Agricultural Research Service	Salaries and expenses	Human Nutrition Research, Boston, MA	\$350,000	Kennedy; Kerry	Capuano; Markey (MA)
Agricultural Research Service	Salaries and expenses	Human Nutrition Research, Houston, TX	\$300,000	Hutchison	Bishop (GA)
Agricultural Research Service	Salaries and expenses	Human Nutrition Research, Kannapolis, NC	\$1,000,000	Burr; Hagan	Kissell
Agricultural Research Service	Salaries and expenses	Improved Crop Production Practices, Auburn, AL	\$1,293,000	Sessions	Aderholt; Bachus; Rogers (AL)

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
(Congressionally Directed Spending Items)

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
Agricultural Research Service	Salaries and expenses	Livestock-Crop Rotation Management, Kutztown, PA	\$349,000	Casey	Cerfach
Agricultural Research Service	Salaries and expenses	Lyme Disease, 4 Poster Project, Washington, DC	\$700,000		DeLauro
Agricultural Research Service	Salaries and expenses	Medicinal and Bioactive Crops, Washington, DC	\$111,000	Hutchison	Hoyer
Agricultural Research Service	Salaries and expenses	Mosquito Trapping Research/West Nile Virus, Gainesville, FL	\$1,454,000		DeLauro
Agricultural Research Service	Salaries and expenses	National Bio and Agro Defense Facility, Manhattan, KS	\$1,500,000	Brownback	
Agricultural Research Service	Salaries and expenses	National Center for Agricultural Law, Beltsville, MD	\$554,000	Harkin, Lincoln, Pryor	Boozman
Agricultural Research Service	Salaries and expenses	National Corn to Ethanol Research Pilot Plant, Washington, DC	\$360,000		Shimkus
Agricultural Research Service	Salaries and expenses	New England Plant, Soil, and Water Research Laboratory, Orono, ME	\$2,249,000	Collins	
Agricultural Research Service	Salaries and expenses	Northern Great Plains Research Laboratory, Mandan, ND	\$543,000	Conrad, Dorgan	Pomeroy
Agricultural Research Service	Salaries and expenses	Northwest Center for Small Fruits, Corvallis, OR	\$275,000	Merkley, Murray, Wyden	Blumenauer, Hastings (WA); Larsen (WA); McDermott; Schrader, Simpson; Walden; Wu

Agricultural Research Service	Salaries and expenses	Pacific Basin Agricultural Research Center Staffing, Hilo, HI	\$700,000	Akaka, Inouye	Hirono
Agricultural Research Service	Salaries and expenses	Phytohormone Research, New Orleans, LA	\$1,750,000	Landrieu	Cao, Kaptur
Agricultural Research Service	Salaries and expenses	Potato Diseases, Beltsville, MD	\$61,000	Cardin	Hoyer, Larsen (WA)
Agricultural Research Service	Salaries and expenses	Poultry Diseases, Beltsville, MD	\$408,000	Cardin, Mikulski	Hoyer
Agricultural Research Service	Salaries and expenses	Seismic and Acoustic Technologies in Soils Sedimentation Laboratory, Oxford, MS	\$332,000	Cochran	
Agricultural Research Service	Salaries and expenses	Sorghum Research, Little Rock, AR	\$135,000	Lincoln, Pryor	Snyder
Agricultural Research Service	Salaries and expenses	Soybean Genomics, St. Paul, MN	\$200,000	Klobuchar	Waltz
Agricultural Research Service	Salaries and expenses	Subtropical Beef Germplasm, Brooksville, FL	\$1,033,000		Brown-Waite, Ginny
Agricultural Research Service	Salaries and expenses	Termite Species in Hawaii, New Orleans, LA	\$200,000	Akaka, Inouye	Alecrombie, Hirono
Agricultural Research Service	Salaries and expenses	Tropical Aquaculture Feeds (Oceanic Insti- tute), Hilo, HI	\$1,438,000	Akaka, Inouye	Alecrombie, Hirono
Agricultural Research Service	Salaries and expenses	Water Management Research Laboratory, Brawley, CA	\$340,000	Boxer, Feinstein	Filner
Agricultural Research Service	Salaries and expenses	Water Use Reduction, Dawson, GA	\$1,200,000	Chambliss, Isakson	Bishop (GA), Johnson (GA), King- ston, Marshall, Scott (GA)
Agricultural Research Service	Salaries and expenses	Wild Rice, St. Paul, MN	\$303,000	Klobuchar	Peterson
National Institute of Food and Agriculture	Extension	Childhood Farm Safety, IA	\$75,000	Grassley, Harkin	
National Institute of Food and Agriculture	Extension	Conservation Technology Transfer, WI	\$376,000	Kohl	
National Institute of Food and Agriculture	Extension	Dairy Education, IA	\$175,000	Harkin	Latham
National Institute of Food and Agriculture	Extension	Diabetes Detection and Prevention, WA, PA	\$1,033,000	Murray	Fattah, Smith (WA)

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requesters	
				Senate	House
National Institute of Food and Agriculture	Extension	E-commerce, MS	\$231,000	Cochran; Wicker	
National Institute of Food and Agriculture	Extension	Efficient Irrigation, NM, TX	\$1,610,000	Bingaman; Cornyn; Hutchinson	Edwards (TX); Reyes; Rodriguez; Teague
National Institute of Food and Agriculture	Extension	Extension specialist, MS	\$98,000	Cochran; Wicker	
National Institute of Food and Agriculture	Extension	Food Production Education, VT	\$120,000	Sanders	
National Institute of Food and Agriculture	Extension	Health Education Leadership, KY	\$590,000	McConnell	
National Institute of Food and Agriculture	Extension	Income Enhancement Demonstration, OH	\$864,000		Kaptur
National Institute of Food and Agriculture	Extension	Institute for Sustainable Agriculture, WI	\$400,000	Kohl	
National Institute of Food and Agriculture	Extension	Invasive Phragmites Control and Outreach, MI	\$155,000	Levin; Stabenow	Dingell
National Institute of Food and Agriculture	Extension	Iowa Vitality Center	\$250,000	Grassley; Harkin	
National Institute of Food and Agriculture	Extension	Maine Cattle Health Assurance Program	\$700,000	Collins	
National Institute of Food and Agriculture	Extension	National Center for Farm Safety, IA	\$170,000	Harkin	Briley
National Institute of Food and Agriculture	Extension	Nutrition Enhancement, WI	\$950,000	Kohl	
National Institute of Food and Agriculture	Extension	Ohio-Israel Agriculture Initiative	\$700,000	Brown; Voinovich	
National Institute of Food and Agriculture	Extension	Pilot Technology Transfer, MS, OK	\$209,000	Cochran; Inhofe; Wicker	Boren; Cole; Lucas
National Institute of Food and Agriculture	Extension	Pilot Technology Transfer, WI	\$174,000		Obey

National Institute of Food and Agriculture	Extension	Potato Integrated Pest Management, ME	\$450,000	Collins; Snowe	Michaud
National Institute of Food and Agriculture	Extension	Potato Pest Management, WI	\$277,000		Obey
National Institute of Food and Agriculture	Extension	Range Improvement, NM	\$223,000	Bingaman; Tom Udall	Teague
National Institute of Food and Agriculture	Extension	University of Wisconsin-Extension Northern Aquaculture Demonstration Facility	\$450,000		Obey
National Institute of Food and Agriculture	Extension	Urban Horticulture and Marketing, IL	\$175,000	Durbin	Davis (IL), Jackson (IL)
National Institute of Food and Agriculture	Extension	Urban Horticulture, WI	\$376,000	Kahl	
National Institute of Food and Agriculture	Extension	Veterinary Technology Satellite Program, KS	\$1,000,000	Brownback	
National Institute of Food and Agriculture	RE/FA	Ag-Based Industrial Lubricants, IA	\$405,000	Grassley; Harkin	Braley (IA)
National Institute of Food and Agriculture	RE/FA	Agriculture Development in the American Pacific	\$400,000	Alaska; Inouye	Bordallo; Hirono
National Institute of Food and Agriculture	RE/FA	Agriculture Waste Utilization, WV	\$500,000	Byrd	
National Institute of Food and Agriculture	RE/FA	Animal Health Research and Diagnostics, KY	\$300,000	McConnell	
National Institute of Food and Agriculture	RE/FA	Animal Waste Management, OK	\$274,000	Inhofe	Boren; Lucas
National Institute of Food and Agriculture	RE/FA	Applied Agriculture and Environmental Research, CA	\$693,000	Boxer; Feinstein	Capps; Cardoza; Costa; Farr; Napolitano; Schiff; Thompson (CA)
National Institute of Food and Agriculture	RE/FA	Aquaculture Research and Education Center, PA	\$300,000	Specter	Brady (PA); Sestak
National Institute of Food and Agriculture	RE/FA	Aquaculture, OH	\$623,000	Brown	Kaptur
National Institute of Food and Agriculture	RE/FA	Best Practices in Agriculture Waste Management, CA	\$300,000		Eshoo

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
National Institute of Food and Agriculture	RE/FA	Biotechnology Research, MS	\$480,000	Cochran; Wicker	
National Institute of Food and Agriculture	RE/FA	Cellulosic Biomass, SC	\$469,000		Clyburn
National Institute of Food and Agriculture	RE/FA	Center for Agricultural and Rural Development, IA	\$412,000	Grassley; Harkin	Latham
National Institute of Food and Agriculture	RE/FA	Center for Food Industry Excellence, TX	\$946,000	Cornyn	Conaway; Neugebauer
National Institute of Food and Agriculture	RE/FA	Center for Innovative Food Technology, OH	\$793,000		Kaptur
National Institute of Food and Agriculture	RE/FA	Center for North American Studies, TX	\$693,000	Bingaman	Edwards (TX)
National Institute of Food and Agriculture	RE/FA	Center for Renewable Transportation Fuel, MI	\$500,000	Levin; Stabenow	Milpatrick (MI)
National Institute of Food and Agriculture	RE/FA	Centers for Dairy and Beef Excellence, PA	\$340,000	Specter	
National Institute of Food and Agriculture	RE/FA	Clemson University Veterinary Institute, SC	\$1,000,000	Graham	
National Institute of Food and Agriculture	RE/FA	Climate Forecasting, FL	\$2,494,000	Martinez; Bill Nelson	Boyd; Diaz-Balart; Lincoln; Diaz-Balart; Maro
National Institute of Food and Agriculture	RE/FA	Cotton Research, TX	\$1,730,000	Cornyn; Hutchinson	Conaway; Neugebauer
National Institute of Food and Agriculture	RE/FA	Council for Agriculture Science and Technology, IA	\$110,000	Harkin	
National Institute of Food and Agriculture	RE/FA	Dietary Intervention, OH	\$866,000	Voinovich	Kaptur; Turner
National Institute of Food and Agriculture	RE/FA	Ethnobotanicals, MD	\$550,000	Cardin	

National Institute of Food and Agriculture	REFA	Farmland Preservation, OH	\$160,000	Brown	LaTourrette
National Institute of Food and Agriculture	REFA	Florida Biomass to Biofuels Conversion Program, FL	\$300,000	Martinez, Bill Nelson	Brown, Corrine, Klein (FL); Kosmas; Weiler
National Institute of Food and Agriculture	REFA	Greenhouse Nurseries, OH	\$1,380,000	Brown	Kaptur
National Institute of Food and Agriculture	REFA	High Value Horticultural Crops, VA	\$507,000	Warner Webb	Perniello
National Institute of Food and Agriculture	REFA	International Center for Food Technology Development to Expand Markets, IN	\$750,000	Lugaz	
National Institute of Food and Agriculture	REFA	Kansas Biobased Polymer Initiative	\$750,000	Brownback	
National Institute of Food and Agriculture	REFA	Mariculture, NC	\$220,000	Burr Hagan	McIntyre
National Institute of Food and Agriculture	REFA	Medicinal and Bioactive Crop Research, TX	\$300,000	Hutchison	Gohmert
National Institute of Food and Agriculture	REFA	Midwest Agribusiness Trade and Information Center, IA	\$187,000	Grassley, Harkin	
National Institute of Food and Agriculture	REFA	Mississippi Valley State University, Curriculum Development	\$1,002,000	Cochran	Thompson (MS)
National Institute of Food and Agriculture	REFA	Monitoring Agricultural Sewage Sludge Application, OH	\$500,000		Kaptur
National Institute of Food and Agriculture	REFA	NE Center for Invasive Plants, CT, ME, VT	\$295,000	Collins, Snowe	DeLauro, Michaud
National Institute of Food and Agriculture	REFA	Nutrition and Diet Research, CA	\$925,000		Baca, Lewis (CA)
National Institute of Food and Agriculture	REFA	Nutrition Research, NY	\$188,000		Serrano
National Institute of Food and Agriculture	REFA	Pasteurization of Shell Eggs, MI	\$935,000	Levin; Stabenow	Dingell
National Institute of Food and Agriculture	REFA	PM-10 Study, WA	\$268,000	Murray	Dicks; McMorris Rodgers
National Institute of Food and Agriculture	REFA	Polymer Research, KS	\$2,000,000	Brownback	Jenkins

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
National Institute of Food and Agriculture	REFA	Rural Agriculture Small Business Development Program	\$500,000		Murphy, Tim
National Institute of Food and Agriculture	REFA	Rural Systems, MS	\$215,000	Cochran; Wicker	Thompson (MS)
National Institute of Food and Agriculture	REFA	Shrimp Aquaculture, AZ, HI, LA, MA, MS, SC, TX	\$2,908,000	Cochran; Wicker	Abercrombie; Grijalva; Hirono; Ortiz; Pastor (AZ)
National Institute of Food and Agriculture	REFA	Sustainable Agricultural Freshwater Conservation, TX	\$1,434,000		Reyes; Rodriguez
National Institute of Food and Agriculture	REFA	University of Wisconsin-Stevens Point Institute for Sustainable Technologies	\$1,400,000		Obey
National Institute of Food and Agriculture	REFA	Viral Hemorrhagic Septicemia, MI	\$150,000	Levin; Stabenow	
National Institute of Food and Agriculture	REFA	Viral Hemorrhagic Septicemia, OH	\$500,000	Brown; Voinovich	Kaptur
National Institute of Food and Agriculture	REFA	Vitis Gene Discovery, MO	\$422,000		Emerson
National Institute of Food and Agriculture	REFA	Water Pollutants, WV	\$500,000	Byrd	
National Institute of Food and Agriculture	SRG	Advanced Genetic Technologies, KY	\$650,000	McConnell	
National Institute of Food and Agriculture	SRG	Advancing Biofuel Production, TX	\$300,000	Hutchison	Edwards (TX)
National Institute of Food and Agriculture	SRG	Aegilops Cylindrica, WA	\$245,000	Cantwell; Murray	Dicks; Hastings (WA); Inslee
National Institute of Food and Agriculture	SRG	Agricultural Diversification, HI	\$153,000	Akaka; Inouye	Hirono
National Institute of Food and Agriculture	SRG	Agricultural Entrepreneurial Alternatives, PA	\$248,000	Specter	Holden; Shuster; Thompson (PA)

National Institute of Food and Agriculture	SRG	Agricultural Marketing, IL	\$176,000	Jackson (IL); Johnson (IL)
National Institute of Food and Agriculture	SRG	Agriculture Energy Innovation Center, GA	\$1,000,000	Kingston
National Institute of Food and Agriculture	SRG	Agriculture Science, OH	\$450,000	Bocciare, Kapur
National Institute of Food and Agriculture	SRG	Agroecology/Chesapeake Bay Agro-ecology, MD	\$439,000	Bartlett, Cummings; Kratochvil; Ruppersberger; Sarbanes
National Institute of Food and Agriculture	SRG	Air Quality, KS, TX	\$1,090,000	Edwards (TX)
National Institute of Food and Agriculture	SRG	Animal Science Food Safety Consortium, AR, IA, KS	\$1,000,000	Berry; Boozman; Latham Roberts
National Institute of Food and Agriculture	SRG	Apple Fire Blight, MI, NY	\$346,000	Ehlers; Hinchey; Hoekstra; Rogers (MI); Upton
National Institute of Food and Agriculture	SRG	Aquaculture Product and Marketing Development, WV	\$550,000	Byrd
National Institute of Food and Agriculture	SRG	Aquaculture, CA, FL, TX	\$416,000	Brown-Waite; Ginny; Davis (CA)
National Institute of Food and Agriculture	SRG	Aquaculture, ID, WA	\$529,000	Baird; Dicks; Simpson
National Institute of Food and Agriculture	SRG	Aquaculture, LA	\$150,000	Alexander
National Institute of Food and Agriculture	SRG	Aquaculture, MS	\$361,000	Cochran; Wicker
National Institute of Food and Agriculture	SRG	Aquaculture, NC	\$227,000	Butterfield; Price (NC)
National Institute of Food and Agriculture	SRG	Armillaria Root Rot, MI	\$104,000	Rogers (MI)
National Institute of Food and Agriculture	SRG	Asparagus Production Technologies, WA	\$173,000	Hastings (WA)
National Institute of Food and Agriculture	SRG	Avian bioscience, DE	\$150,000	Castle
National Institute of Food and Agriculture	SRG	Babcock Institute, WI	\$416,000	Baldwin
National Institute of Food and Agriculture	SRG	Barley for Rural Development, ID, MT	\$547,000	Rehberg; Simpson

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
National Institute of Food and Agriculture	SRG	Beet Improvement Research, MO, TX	\$593,000	Hutchison	Rodriguez
National Institute of Food and Agriculture	SRG	Bioactive Foods Research for Health and Food Safety, MA	\$525,000	Kennedy, Kerry	Olver
National Institute of Food and Agriculture	SRG	Biodesign and Processing Research Center, VA	\$868,000	Warner, Webb	Boucher
National Institute of Food and Agriculture	SRG	Bioenergy Production and Carbon Sequestration, TN	\$1,000,000	Alexander	Davis (TN); Duncan
National Institute of Food and Agriculture	SRG	Biomass-based Energy Research, MS, OK	\$839,000	Cochran; Inhofe; Wicker	Boren; Harper; Lucas
National Institute of Food and Agriculture	SRG	Biotechnology NC	\$199,000		Etheridge; Miller (NC); Price (NC)
National Institute of Food and Agriculture	SRG	Bovine Tuberculosis, MI, MN	\$346,000	Klobuchar; Levin; Stabenow	Rogers (MI); McCollum; Peterson; Stupak
National Institute of Food and Agriculture	SRG	Brucellosis Vaccine, MT	\$305,000	Baucus; Tester	Rehberg
National Institute of Food and Agriculture	SRG	Cataloging Genes Associated with Drought and Disease Resistance, NM	\$176,000	Bingaman; Tom Udall	Teague
National Institute of Food and Agriculture	SRG	Center for One Medicine, IL	\$500,000	Burris; Durbin	Jackson (IL); Johnson (IL)
National Institute of Food and Agriculture	SRG	Center for Rural Studies, VT	\$350,000	Leahy	
National Institute of Food and Agriculture	SRG	Childhood Obesity and Nutrition, VT	\$250,000	Leahy	
National Institute of Food and Agriculture	SRG	Citrus Canker/Greening, FL	\$1,217,000	Martinez	Crenshaw; Diaz-Balart; Mario; Posey; Putnam

National Institute of Food and Agriculture	SRG	Competitiveness of Agricultural Products, WA	\$469,000	Murray	Baird; Dicks; Hastings (WA); Larsen (WA); McDermott
National Institute of Food and Agriculture	SRG	Computational Agriculture, NY	\$131,000		Hinchey
National Institute of Food and Agriculture	SRG	Cool Season Legume Research, ID, ND, WA	\$350,000	Canwell; Conrad; Crapo; Dorgan; Murray; Risch	Dicks; Hastings (WA); McMorris; Rodgers; Pomeroy; Simpson
National Institute of Food and Agriculture	SRG	Cotton Insect Management and Fiber Quality, GA	\$346,000	Chambliss; Isakson	Bishop (GA); Johnson (GA); Marshall; Scott (GA)
National Institute of Food and Agriculture	SRG	Cranberry/Blueberry Disease and Breeding, NJ	\$550,000	Lautenberg; Menendez	Adler (NJ); Holt; LoBlundo; Pallone; Rothman (NJ)
National Institute of Food and Agriculture	SRG	Cranberry/Blueberry, MA	\$160,000	Kennedy; Kerry	Frank (MA)
National Institute of Food and Agriculture	SRG	Crop Integration and Production, SD	\$400,000	Johnson; Thune	Herseth; Sandlin
National Institute of Food and Agriculture	SRG	Crop Pathogens, NC	\$225,000	Burr; Hagan	Butterfield; Etheridge; Miller (NC); Price (NC)
National Institute of Food and Agriculture	SRG	Dairy and Meat Goat Research, TX	\$200,000	Hutchison	
National Institute of Food and Agriculture	SRG	Dairy Farm Profitability, PA	\$372,000	Casey; Specter	Dankemper; Holden; Murtha; Shuster; Thompson (PA)
National Institute of Food and Agriculture	SRG	Delta Revitalization Project, MS	\$176,000	Cochran; Wicker	
National Institute of Food and Agriculture	SRG	Designing Foods for Health, TX	\$1,385,000	Hutchison	Rodriguez
National Institute of Food and Agriculture	SRG	Detection and Food Safety, AL	\$1,748,000		Bright; Rogers (AL)
National Institute of Food and Agriculture	SRG	Drought Mitigation, NE	\$600,000	Ben Nelson	Fortenberry
National Institute of Food and Agriculture	SRG	Efficient Irrigation, NM, TX	\$1,160,000	Bingaman; Cornyn; Hutchison; Tom Udall	Edwards (TX); Heinrich; Ortiz; Reyes; Rodriguez
National Institute of Food and Agriculture	SRG	Emerald Ash Borer, OH	\$550,000	Voinovich	

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
National Institute of Food and Agriculture	SRG	Environmental Research, NY	\$258,000		Hinchey
National Institute of Food and Agriculture	SRG	Environmental Risk Factors/Cancer, NY	\$150,000		Lowey
National Institute of Food and Agriculture	SRG	Environmentally Safe Products, VT	\$250,000	Leahy	
National Institute of Food and Agriculture	SRG	Expanded Wheat Pasture, OK	\$223,000	Inhofe	Boren, Cole, Lucas
National Institute of Food and Agriculture	SRG	Floriculture, HI	\$300,000	Akaka, Inouye	Abercrombie, Hirono
National Institute of Food and Agriculture	SRG	Food and Agriculture Policy Research Institute, IA, MO, NY, WI	\$1,339,000	Bond, Grassley, Harkin, Reid	Emerson, Latham
National Institute of Food and Agriculture	SRG	Food and Fuel Initiative, IA	\$298,000	Grassley, Harkin	
National Institute of Food and Agriculture	SRG	Food Marketing Policy Center, CT	\$401,000		DeLauro
National Institute of Food and Agriculture	SRG	Food Safety Research Consortium, NY	\$693,000		Hinchey
National Institute of Food and Agriculture	SRG	Food Safety, ME, OK	\$382,000	Inhofe	Boren, Lucas
National Institute of Food and Agriculture	SRG	Food Safety, TX	\$69,000		Edwards (TX)
National Institute of Food and Agriculture	SRG	Food Security, WA	\$276,000	Cantwell, Murray	McDermott
National Institute of Food and Agriculture	SRG	Forages for Advancing Livestock Production, KY	\$473,000	McConnell	
National Institute of Food and Agriculture	SRG	Forestry Research, AR	\$319,000	Lincoln, Pryor	Ross
National Institute of Food and Agriculture	SRG	Fresh Produce Food Safety, CA	\$750,000	Boxer, Feinstein	Farr

National Institute of Food and Agriculture	SRG	Genomics for Southern Crop Stress and Disease, MS	\$797,000	Cochran; Wicker	Harper
National Institute of Food and Agriculture	SRG	Geographic Information System	\$1,248,000	Casey; Chambliss; Lincoln; Pryor	Boozman; Kanjorski
National Institute of Food and Agriculture	SRG	Grain Sorghum, MS, TX	\$1,000,000	Brownback; Roberts	Edwards (TX); Jenkins; Moore (KS); Moran (KS); Neugebauer; Tiahrt
National Institute of Food and Agriculture	SRG	Grass Seed Cropping for Sustainable Agriculture, ID, OR, WA	\$313,000	Merkley; Murray; Wyden	Dicks; McMorris Rodgers; Schrader; Wu
National Institute of Food and Agriculture	SRG	High Performance Computing, UT	\$263,000	Bennett	
National Institute of Food and Agriculture	SRG	Human Nutrition, LA	\$526,000	Landrieu; Vitter	
National Institute of Food and Agriculture	SRG	Human Nutrition, NY	\$377,000		Hinchey
National Institute of Food and Agriculture	SRG	Hydroponic Production, OH	\$124,000		Kaptur
National Institute of Food and Agriculture	SRG	Improved Dairy Management Practices, PA	\$243,000	Casey	Holden; Platts; Shuster; Thompson (PA)
National Institute of Food and Agriculture	SRG	Improved Fruit Practices, MI	\$147,000	Levin; Stabenow	Ehlers; Rogers (MI)
National Institute of Food and Agriculture	SRG	Increasing Shelf Life of Agricultural Commodities, ID	\$603,000	Crapo; Risch	Simpson
National Institute of Food and Agriculture	SRG	Infectious Disease Research, CO	\$650,000	Bennet; Mark Udall	Markey (CO)
National Institute of Food and Agriculture	SRG	Initiative to Improve Blueberry Production and Efficiency, GA	\$209,000	Chambliss	Bishop (GA); Kingston; Marshall
National Institute of Food and Agriculture	SRG	Inland Marine Aquaculture, VA	\$400,000	Warner; Webb	Boucher
National Institute of Food and Agriculture	SRG	Institute for Food Science and Engineering, AR	\$775,000	Lincoln; Pryor	Boozman

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
National Institute of Food and Agriculture	SRG	Integrated Economic and Technical Analysis of Sustainable Biomass Energy Systems, IN	\$188,000	Lugar	
National Institute of Food and Agriculture	SRG	Integrated Production Systems, OK	\$177,000	Inhofe	Boren; Cole; Lucas
National Institute of Food and Agriculture	SRG	International Acid Lands Consortium, AZ	\$401,000	Bingaman; Johnson; Thune; Tom Udall	Griethwa; Herseth Sandlin; Ortiz; Pastor (AZ)
National Institute of Food and Agriculture	SRG	Invasive Plant Management, MT	\$270,000	Baucus; Tester	Rehberg
National Institute of Food and Agriculture	SRG	Joint US-China Biotechnology Research and Extension, UT	\$210,000	Bennett	
National Institute of Food and Agriculture	SRG	Leopold Center Hypoxia Project, IA	\$105,000	Harkin	
National Institute of Food and Agriculture	SRG	Livestock and Dairy Policy, NY, TX	\$693,000	Gillibrand; Schumer	Edwards (TX); Hinchey
National Institute of Food and Agriculture	SRG	Maple Research, VT	\$165,000	Leahy	
National Institute of Food and Agriculture	SRG	Meadow Foam, OR	\$180,000	Merkley; Wyden	Wu
National Institute of Food and Agriculture	SRG	Michigan Biotechnology Consortium	\$384,000		Rogers (MI)
National Institute of Food and Agriculture	SRG	Midwest Center for Bioenergy Grasses, IN	\$188,000	Lugar	
National Institute of Food and Agriculture	SRG	Midwest Poultry Consortium, IA	\$471,000	Grassley; Harkin; Klobuchar	Latham
National Institute of Food and Agriculture	SRG	Milk Safety, PA	\$821,000	Casey; Specter	Carney; Holden; Platts; Shuster; Thompson (PA)
National Institute of Food and Agriculture	SRG	Molluscan Shellfish, OR	\$253,000	Merkley; Wyden	Schradner; Wu

National Institute of Food and Agriculture	SRG	Multi-commodity Research, OR	\$244,000	Merkley, Wyden	DeFazio, Schrader, Walden, Wu
National Institute of Food and Agriculture	SRG	National Beef Cattle Genetic Evaluation Consortium, CO, GA, NY	\$655,000	Bennet, Chambliss, Schumer	Hinchey, Markey (CO); Scott (GA)
National Institute of Food and Agriculture	SRG	National Center for Soybean Technology, MO	\$690,000	Bond	
National Institute of Food and Agriculture	SRG	Membrane Resistance Genetic Engineering, NM	\$209,000	Bingaman, Tom Udall	Teague
National Institute of Food and Agriculture	SRG	Nevada Arid Rangelands Initiative, NV	\$500,000	Reid	
National Institute of Food and Agriculture	SRG	New Century Farm, IA	\$350,000	Grassley, Harkin	Boswell, Latham
National Institute of Food and Agriculture	SRG	New Crop Opportunities, KY	\$525,000	McConnell	
National Institute of Food and Agriculture	SRG	New Satellite and Computer-Based Technology for Agriculture, MS	\$654,000	Cochran, Wicker	
National Institute of Food and Agriculture	SRG	Oil Resources from Desert Plants, NM	\$176,000	Bingaman, Tom Udall	Teague
National Institute of Food and Agriculture	SRG	Organic Cropping, OR	\$149,000	Merkley, Wyden	DeFazio, Schrader, Wu
National Institute of Food and Agriculture	SRG	Organic Cropping, WA	\$264,000	Cantwell, Murray	Dicks, Hastings (WA); Larsen (WA); McDermott, Smith (WA)
National Institute of Food and Agriculture	SRG	Organic waste utilization, NM	\$69,000	Bingaman, Tom Udall	
National Institute of Food and Agriculture	SRG	Peach Tree Short Life Research	\$195,000	Graham	Brown (SC)
National Institute of Food and Agriculture	SRG	Perennial Wheat, WA	\$98,000	Cantwell, Murray	Dicks, McMorris Rodgers
National Institute of Food and Agriculture	SRG	Phytophthora Research, GA	\$178,000	Chambliss, Isakson	Bishop (GA); Kingston; Marshall
National Institute of Food and Agriculture	SRG	Phytophthora Research, MI	\$346,000	Levin; Stabenow	Conyers, Dingell; Ehlers; Hoeckstra; Rogers (MI); Upton

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[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
National Institute of Food and Agriculture	SRG	Phylosensors for Crop Security and Precision Agriculture, TN	\$1,000,000		Davis (TN); Duncan
National Institute of Food and Agriculture	SRG	Pierce's Disease, CA	\$2,000,000	Boxer; Feinstein	Calvert; Capps; Farr; Thompson (CA)
National Institute of Food and Agriculture	SRG	Policy Analyses for National Secure and Sustainable Food, Fiber, Forestry and Energy Program, TX	\$200,000	Hutchison	
National Institute of Food and Agriculture	SRG	Potato Cyst Nematode, ID	\$349,000	Crapo; Risch	Simpson
National Institute of Food and Agriculture	SRG	Precision Agriculture, AL	\$419,000		Aderholt; Griffith
National Institute of Food and Agriculture	SRG	Precision Agriculture, KY	\$671,000	McConnell	
National Institute of Food and Agriculture	SRG	Preharvest Food Safety, KS	\$500,000	Brownback; Roberts	Jenkins; Moore (KS); Moran (KS); Tahrt
National Institute of Food and Agriculture	SRG	Preservation and Processing Research, OK	\$174,000	Inhofe	Boren; Lucas
National Institute of Food and Agriculture	SRG	Protein Production for Research to Combat Viruses and Microbes, CT	\$500,000		DeLauro; Murphy (CT)
National Institute of Food and Agriculture	SRG	Protein Utilization, IA	\$600,000	Grassley; Harkin	
National Institute of Food and Agriculture	SRG	Rangeland Ecosystems Dynamics, ID	\$300,000	Crapo; Risch	
National Institute of Food and Agriculture	SRG	Regional Barley Gene Mapping Project, OR	\$471,000	Cantwell; Klobuchar; Merkley; Murray; Wyden	Dicks; Hastings (WA); McCollum; McDermott; McMorris Rodgers; Peterson; Schrader; Walden; Wu

National Institute of Food and Agriculture	SRG	Regionalized Implications of Farm Programs, MO, TX	\$595,000		Edwards (TX), Emerson
National Institute of Food and Agriculture	SRG	Renewable Energy and Products, ND	\$1,000,000	Conrad, Dorgan	Pomeroy
National Institute of Food and Agriculture	SRG	Rice Agronomy, MO	\$174,000		Emerson
National Institute of Food and Agriculture	SRG	Ruminant Nutrition Consortium, MT, ND, SD, WY	\$563,000	Johnson, Thune	Herseth Sandlin
National Institute of Food and Agriculture	SRG	Rural Policies Institute, IA, MO, NE	\$889,000	Harkin	Emerson
National Institute of Food and Agriculture	SRG	Rural Renewable Energy Research and Education Center, WI	\$500,000		Obey
National Institute of Food and Agriculture	SRG	Russian Wheat Aphid, CO	\$250,000	Bennet, Mark Udall	Markey (CO)
National Institute of Food and Agriculture	SRG	Seed Technology, SD	\$350,000	Johnson, Thune	Herseth Sandlin
National Institute of Food and Agriculture	SRG	Small Fruit Research, ID, OR, WA	\$307,000	Cantwell, Crapo, Merkley, Murray, Risch, Wyden	Baird, Blumenauer, Dicks, Hastings (WA), Inslee, Larsen (WA), Schrader, Simpson, Walden, Wu
National Institute of Food and Agriculture	SRG	Soil-Borne Disease Prevention in Irrigated Agriculture, NM	\$187,000	Bingaman, Tom Udall	Teague
National Institute of Food and Agriculture	SRG	Southern Great Plains Dairy Consortium, NM	\$350,000	Bingaman, Tom Udall	Heinrich, Teague
National Institute of Food and Agriculture	SRG	Southwest Consortium for Plant Genetics and Water Resources, NM	\$271,000	Bingaman, Tom Udall	Grijalva, Pastor (AZ), Teague
National Institute of Food and Agriculture	SRG	Soybean Cyst Nematode, MO	\$556,000	Bond	Emerson
National Institute of Food and Agriculture	SRG	Soybean Research, IL	\$745,000	Burris, Durbin	Jackson (IL), Johnson (IL)
National Institute of Food and Agriculture	SRG	Specialty Crops, AR	\$175,000	Lincoln, Pryor	

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Agency	Account	Project	Amount	Requester(s)	
				Senate	House
National Institute of Food and Agriculture	SRG	Specialty Crops, IN	\$235,000		Ellsworth
National Institute of Food and Agriculture	SRG	STEEP IV—Water Quality in Northwest	\$444,000	Crapo, Merkley, Murray, Risch, Wyden	Dicks; Hastings (WA); McMorris Rodgers; Simpson; Walden; Wu
National Institute of Food and Agriculture	SRG	Sustainable Agriculture and Natural Resources, PA	\$142,000	Specter	Dent; Holden; Platts; Shuster; Thompson (PA)
National Institute of Food and Agriculture	SRG	Sustainable Agriculture, CA	\$357,000		Farr
National Institute of Food and Agriculture	SRG	Sustainable Agriculture, MI	\$266,000	Levin; Stabenow	Ehlers; Rogers (MI)
National Institute of Food and Agriculture	SRG	Sustainable Beef Supply, MT	\$682,000	Baucus	Rehberg
National Institute of Food and Agriculture	SRG	Sustainable Engineered Materials from Renewable Sources, VA	\$485,000	Warner, Webb	Boucher
National Institute of Food and Agriculture	SRG	Sustainable Production and Processing Research for Lowbush Specialty Crops, ME	\$200,000	Collins, Snowe	Michaud; Pingree (ME)
National Institute of Food and Agriculture	SRG	Swine and Other Animal Waste Management, NC	\$349,000	Hagan	Etheridge; Price (NC)
National Institute of Food and Agriculture	SRG	Technology for Irrigated Vegetable Production, SC	\$500,000		Spratt
National Institute of Food and Agriculture	SRG	Texas Obesity Research Project	\$500,000		Johnson, Eddie Bernice
National Institute of Food and Agriculture	SRG	Tick Borne Disease Prevention, RI	\$280,000	Reed	Kennedy; Langevin
National Institute of Food and Agriculture	SRG	Tillage, Silviculture, Waste Management, LA	\$200,000	Landrieu	Alexander

National Institute of Food and Agriculture	SRG	Tri-state Joint Peanut Research, AL	\$413,000		Bright
National Institute of Food and Agriculture	SRG	Tropical and Subtropical Research/7-Star	\$6,677,000	Alaka, Inouye	Abercrombie, Bordallo, Hirono; Putnam; Young (FL)
National Institute of Food and Agriculture	SRG	Tropical Aquaculture, FL	\$300,000		Castor (FL); Putnam
National Institute of Food and Agriculture	SRG	Virtual Plant Database Enhancement Project, MO	\$588,000	Bond	Camahan
National Institute of Food and Agriculture	SRG	Virus-free Wine Grape Cultivars, WA	\$260,000	Cantwell; Murray	Dicks; Hastings (WA); Inslee; Larsen (WA); McDermott; McMorris Rodgers
National Institute of Food and Agriculture	SRG	Viticulture Consortium, CA, NY, PA	\$1,454,000	Boer	Fari; Hinchey; Thompson (CA)
National Institute of Food and Agriculture	SRG	Water Conservation, KS	\$500,000	Brownback; Roberts	Jenkins; Moore (KS); Moran (KS); Tiahrt
National Institute of Food and Agriculture	SRG	Water Use Efficiency and Water Quality Enhancements, GA	\$346,000	Chambliss; Isakson	Bishop (GA); Kingston; Marshall
National Institute of Food and Agriculture	SRG	Wetland Plants, LA	\$200,000	Landrieu	Alexander
National Institute of Food and Agriculture	SRG	Wheat Genetic Research, KS	\$1,000,000	Brownback; Roberts	Jenkins; Moore (KS); Moran (KS); Tiahrt
National Institute of Food and Agriculture	SRG	Wildlife/Livestock Disease Research Partnership, WY	\$300,000	Barrasso	
National Institute of Food and Agriculture	SRG	Wood Utilization, AK, ID, LA, ME, MI, MN, MS, NC, OR, TN, WV	\$4,841,000	Burr; Byrd; Cochran; Collins; Crapo; Klobuchar; Landrieu; Levin; Risch; Snowe; Stabenow; Wicker; Wyden	Butterfield; Defazio; Harper; Michaud; Miller (NC); Oberstar; Price (NC); Rogers (MI); Schrader; Wu
National Institute of Food and Agriculture	SRG	Wood Research, MT, TX, WY	\$206,000		Conaway; Rodriguez
National Institute of Food and Agriculture	SRG	World Food and Health Initiative, IL	\$461,000	Burris; Durbin	Jackson (IL); Johnson (IL)

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[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
Animal and Plant Health Inspection Service	Salaries and expenses	Agriculture Compliance Laboratory Equipment, Delaware	\$63,000	Carper; Kaufman	Castle
Animal and Plant Health Inspection Service	Salaries and expenses	Animal management and control, Mississippi	\$496,000	Cochran	
Animal and Plant Health Inspection Service	Salaries and expenses	Beaver Management in North Carolina	\$208,000		Price (NC)
Animal and Plant Health Inspection Service	Salaries and expenses	Bergman Institute, Jack Bergman Institute Utah and Mississippi Agriculture and Forestry Experiment Station	\$1,500,000	Bennett; Cochran; Wicker	
Animal and Plant Health Inspection Service	Salaries and expenses	Bio-safety and antibiotic resistance, University of Vermont	\$240,000	Leahy	
Animal and Plant Health Inspection Service	Salaries and expenses	Bio-Safety Institute for Genetically Modified Agriculture Products	\$259,000	Grassley; Harkin	Latham
Animal and Plant Health Inspection Service	Salaries and expenses	Blackbird management, North and South Dakota	\$265,000	Conrad; Dorgan; Johnson	
Animal and Plant Health Inspection Service	Salaries and expenses	Blackbird Management, Louisiana	\$94,000	Landrieu	Alexander
Animal and Plant Health Inspection Service	Salaries and expenses	Bovine tuberculosis eradication, Michigan	\$248,000	Levin; Stabenow	
Animal and Plant Health Inspection Service	Salaries and expenses	California County Pest Detection Augmentation Program	\$619,000	Feinstein	Cardoza; Costa; Farr; Filner; Honda; Schiff
Animal and Plant Health Inspection Service	Salaries and expenses	California County Pest Detection Import Inspection Program	\$738,000	Boxer; Feinstein	Cardoza; Costa; Farr; Filner; Honda; Schiff

Animal and Plant Health Inspection Service	Salaries and expenses	Chronic Wasting Disease Surveillance, Wisconsin	\$1,024,000		Kagen; Obey
Animal and Plant Health Inspection Service	Salaries and expenses	Cogongrass control, Mississippi Department of Agriculture	\$208,000	Cochran	
Animal and Plant Health Inspection Service	Salaries and expenses	Cooperative Livestock Protection Program Pennsylvania and Pennsylvania Department of Agriculture	\$223,000	Casey; Specter	Holden
Animal and Plant Health Inspection Service	Salaries and expenses	Cormorant control, Vermont and Vermont Fish and Wildlife Department	\$103,000	Leahy	
Animal and Plant Health Inspection Service	Salaries and expenses	Cormorant Control, Michigan	\$139,000	Levin; Stabenow	Stupak
Animal and Plant Health Inspection Service	Salaries and expenses	Cormorant control, Mississippi	\$223,000	Cochran	
Animal and Plant Health Inspection Service	Salaries and expenses	Crop and Aquaculture Losses in Southeast Missouri	\$207,000		Emerson
Animal and Plant Health Inspection Service	Salaries and expenses	Database of North Carolina's Agricultural Industry for Rapid Response	\$208,000	Burr	Etheridge; Kissell; McIntyre; Miller (NC); Price (NC)
Animal and Plant Health Inspection Service	Salaries and expenses	Disease prevention, Louisiana Department of Wildlife and Fisheries	\$69,000	Landrieu	Melancon
Animal and Plant Health Inspection Service	Salaries and expenses	Greater Yellowstone Interagency Brucellosis Committee, MT, ID, WY	\$650,000	Barrasso; Baucus; Crapo; Enzi; Risch; Tester	Rehberg; Simpson
Animal and Plant Health Inspection Service	Salaries and expenses	Hawaii interline activities	\$3,000,000	Akaka; Inouye	Abercrombie; Hirono
Animal and Plant Health Inspection Service	Salaries and expenses	Hawaii wildlife services activities	\$2,230,000	Akaka; Inouye	Abercrombie; Boudallo; Hirono
Animal and Plant Health Inspection Service	Salaries and expenses	Hemlock Woolly Adelgid, University of Tennessee	\$500,000	Alexander	
Animal and Plant Health Inspection Service	Salaries and expenses	Integrated predation management activities, West Virginia	\$280,000	Byrd	

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
Animal and Plant Health Inspection Service	Salaries and expenses	Invasive aquatic species, Lake Champlain Fish and Wildlife Management Cooperative, Vermont	\$94,000	Leahy	
Animal and Plant Health Inspection Service	Salaries and expenses	John's Disease activities, Wisconsin	\$939,000		Kagen, Obey
Animal and Plant Health Inspection Service	Salaries and expenses	Mormon crickets, Nevada	\$1,000,000	Reid	
Animal and Plant Health Inspection Service	Salaries and expenses	National Agriculture Biosecurity Center, Kansas	\$500,000	Brownback, Roberts	Moore (KS); Moran (KS); Tiahrt
Animal and Plant Health Inspection Service	Salaries and expenses	National Biodiversity Conservation Strategy, Kiski Basin, Pennsylvania	\$200,000		Murtha
Animal and Plant Health Inspection Service	Salaries and expenses	National farm animal identification and records, Holstein Association, New York and Vermont	\$343,000	Leahy	
Animal and Plant Health Inspection Service	Salaries and expenses	National Wildlife Research Station, Texas A&M	\$290,000	Hutchison	Ortiz
Animal and Plant Health Inspection Service	Salaries and expenses	New Jersey Gypsy Moth Pest Management	\$500,000	Lautenberg, Menendez	LoBlundo; Pallone; Pascrell; Rothman (NJ); Sires; Smith (NJ)
Animal and Plant Health Inspection Service	Salaries and expenses	New Mexico Rapid Syndrome Validation Program, New Mexico State University	\$404,000	Bingaman; Tom Udall	Heinrich; Teague
Animal and Plant Health Inspection Service	Salaries and expenses	Nez Perce Bio-Control Center, Idaho	\$176,000	Crapo; Risch	Simpson
Animal and Plant Health Inspection Service	Salaries and expenses	Noxious weed management, Nevada Department of Agriculture	\$235,000	Reid	

Animal and Plant Health Inspection Service	Salaries and expenses	Remote Diagnostic and Wildlife Disease Surveillance, ND	\$700,000	Conrad, Dorgan	Pomeroy
Animal and Plant Health Inspection Service	Salaries and expenses	Technology to Combat Asian Long-Horned Beetles in New York Forests	\$500,000	Gillbrand, Schumer	Acuri; Higgins, Maffei; McHugh; Tonko
Animal and Plant Health Inspection Service	Salaries and expenses	Tri-State Predator Control Program, Idaho, Montana, and Wyoming	\$926,000	Barrasso; Baucus; Crapo; Enzi; Risch; Tester	Simpson
Animal and Plant Health Inspection Service	Salaries and expenses	Varioa mite suppression, Hawaii	\$469,000	Akaka; Inouye	Abercrombie, Hirono
Animal and Plant Health Inspection Service	Salaries and expenses	Viral Hemorrhagic Septicemia Monitoring and Management, Wisconsin	\$588,000		Kagen; Obey
Animal and Plant Health Inspection Service	Salaries and expenses	Wildlife Services South Dakota, South Dakota Department of Game, Fish, and Parks	\$519,000	Johnson	
Animal and Plant Health Inspection Service	Salaries and expenses	Wisconsin Livestock Identification Consortium	\$1,500,000		Kagen; Obey
Animal and Plant Health Inspection Service	Salaries and expenses	Wolf Predation Management in Wisconsin, Minnesota, and Michigan	\$727,000		Oberstar
Natural Resources Conservation Service	Conservation Operations	Accelerated Soil Mapping Survey, WY	\$200,000	Enzi	
Natural Resources Conservation Service	Conservation Operations	Agricultural Development and Resource Conservation, Hawaii RC&D Councils, HI	\$1,400,000	Akaka; Inouye	Hirono
Natural Resources Conservation Service	Conservation Operations	Agricultural Wildlife Conservation Center, MS	\$939,000	Cochran	
Natural Resources Conservation Service	Conservation Operations	Appropriate Wetland and Wet-Mesic Species, IA	\$134,000	Grassley; Harkin	Braley
Natural Resources Conservation Service	Conservation Operations	Assistance to Improve Water Quality for Tarrant County, TX	\$336,000		Barton (TX); Granger
Natural Resources Conservation Service	Conservation Operations	Audubon conservation curriculum	\$333,000		Moran (VA)

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requesters	
				Senate	House
Natural Resources Conservation Service	Conservation Operations	Best Management Practices and Master Farmer Special Research Grant with LSU, LA	\$267,000	Landrieu	Alexander
Natural Resources Conservation Service	Conservation Operations	Cane Run Creek Watershed Remediation, KY	\$400,000		Chandler
Natural Resources Conservation Service	Conservation Operations	Carson City Waterfall Fire Restoration, Carson City, NV	\$375,000		Heller
Natural Resources Conservation Service	Conservation Operations	CEMSA with Iowa Soybean Association, IA	\$288,000	Grassley; Harkin	Boswell; King (IA); Latham; Loebbeck
Natural Resources Conservation Service	Conservation Operations	Center for Invasive Species Eradication, Texas AgriLife Research, TX	\$1,000,000	Hutchison	
Natural Resources Conservation Service	Conservation Operations	Chenier Plain Sustainability Initiative, McNeese State University, LA	\$500,000	Landrieu	
Natural Resources Conservation Service	Conservation Operations	Chesapeake Bay Activities	\$3,998,000		Bartlett; Connolly (VA); Edwards (MD); Kratochvil; Moran (VA); Norton; Ruppertsberger; Sarbanes; Scott (VA); Van Hollen
Natural Resources Conservation Service	Conservation Operations	Conservation Fuels Management and Restoration, Wildfire Support Group, NV	\$269,000	Reid	
Natural Resources Conservation Service	Conservation Operations	Conservation Internships, Wisconsin Land and Water Conservation Association, WI	\$120,000	Kohl	
Natural Resources Conservation Service	Conservation Operations	Conservation Planning, MA and WI	\$423,000	Kennedy; Kerry	Frank (MA)

Natural Resources Conservation Service	Conservation Operations	Conservation Technical Assistance in New Jersey, NJ	\$235,000	Lautenberg, Merendez	Holt; Rothman (NJ)
Natural Resources Conservation Service	Conservation Operations	Conservation Technical Assistance, NRCS TN	\$1,000,000	Alexander	
Natural Resources Conservation Service	Conservation Operations	Conservation Technology Transfer, University of Wisconsin, WI	\$516,000	Kohl	
Natural Resources Conservation Service	Conservation Operations	Cooperative Agreement with Tufts University, CT	\$333,000	Dodd	Courtney; DeLauro
Natural Resources Conservation Service	Conservation Operations	Deer Creek Watershed Conservation and Restoration, MD	\$400,000	Cardin	Bartlett; Kratovil; Ruppertsberger
Natural Resources Conservation Service	Conservation Operations	Delta Conservation Demonstration, Washington County, MS	\$376,000	Cochran	
Natural Resources Conservation Service	Conservation Operations	Delta Water Study, NRCS MS	\$235,000	Cochran	
Natural Resources Conservation Service	Conservation Operations	Farm Viability Program, VT	\$300,000	Leahy	Welch
Natural Resources Conservation Service	Conservation Operations	Fountain Creek Watershed Project, CO	\$500,000		Salazar
Natural Resources Conservation Service	Conservation Operations	Genesee River Watershed, NY	\$500,000		Lee (NY)
Natural Resources Conservation Service	Conservation Operations	Georgia Soil and Water Conservation Commission Cooperative Agreement, GA	\$2,423,000	Chambliss	Kingston; Marshall; Scott (GA)
Natural Resources Conservation Service	Conservation Operations	Grosvenor Center for Geographic Education Watershed Project, Texas State University, TX	\$300,000	Hutchison	Doggett
Natural Resources Conservation Service	Conservation Operations	Grazing Lands Conservation Initiative, WI	\$835,000	Kohl	Obey
Natural Resources Conservation Service	Conservation Operations	Great Lakes Basin Program for Soil Erosion and Sediment Control	\$404,000	Levin; Stabenow; Voinovich	Ehlers

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
Natural Resources Conservation Service	Conservation Operations	Great Plain Riparian Initiative, National Wild Turkey Federation, NE	\$500,000	Ben Nelson	
Natural Resources Conservation Service	Conservation Operations	Green Institute, FL	\$267,000		Boyd
Natural Resources Conservation Service	Conservation Operations	Green River Water Quality and Biological Diversity Project, Western Kentucky Research Foundation, KY	\$100,000	McConnell	
Natural Resources Conservation Service	Conservation Operations	Hawaii Plant Materials Center, HI	\$106,000		Abercrombie; Hirono
Natural Resources Conservation Service	Conservation Operations	Hungry Canyons Alliance, IA	\$282,000	Grassley; Harkin	King (IA)
Natural Resources Conservation Service	Conservation Operations	Illinois Conservation Initiative, Illinois Department of Natural Resources, IL	\$576,000	Durbin	
Natural Resources Conservation Service	Conservation Operations	Kentucky Soil Erosion Control, KY	\$724,000	Bunning; McConnell	Rogers (KY)
Natural Resources Conservation Service	Conservation Operations	Long Island Sound Watershed, NY	\$133,000		Lowey
Natural Resources Conservation Service	Conservation Operations	Massaro Community Farm, CT	\$300,000		DeLauro
Natural Resources Conservation Service	Conservation Operations	Maumee Watershed Hydrological and Flood Mitigation, OH	\$667,000		Kaptur
Natural Resources Conservation Service	Conservation Operations	Mississippi Conservation Initiative, NRCS MS	\$2,000,000	Cochran	
Natural Resources Conservation Service	Conservation Operations	Mojave Water Agency Non-Native Plant Removal, CA	\$667,000		Lewis (CA)

Natural Resources Conservation Service	Conservation Operations	Municipal Water District of Orange County for Efficient Irrigation, CA	\$150,000	Boxer; Feinstein	Calvert; Miller, Gary, Rohrabacher; Sanchez, Loretta
Natural Resources Conservation Service	Conservation Operations	Nitrate Pollution Reduction, NRCS RI	\$155,000	Reed	
Natural Resources Conservation Service	Conservation Operations	Operation Oak Program	\$267,000	Chambliss; Cochran; Graham	Berry; Bishop (GA)
Natural Resources Conservation Service	Conservation Operations	Pace University Land Use Law Center, White Plains, NY	\$133,000		Lowey
Natural Resources Conservation Service	Conservation Operations	Pastureland Management/Rotational Grazing, NY	\$400,000		Arcuri
Natural Resources Conservation Service	Conservation Operations	Phosphorous Loading in Lake Champlain, Poultney Conservation District, VT	\$179,000	Leahy	
Natural Resources Conservation Service	Conservation Operations	Phosphorous Reduction Cooperative Agreement, Kansas Livestock Foundation, KS	\$1,000,000	Brownback	
Natural Resources Conservation Service	Conservation Operations	Potomac River Tributary Strategy, NRCS WV	\$168,000	Byrd	
Natural Resources Conservation Service	Conservation Operations	Quabbin to Cardigan Conservation Initiative, NH	\$282,000	Shaheen	Hodes
Natural Resources Conservation Service	Conservation Operations	Range Revegetation for Fort Hood, TX	\$333,000		Carter; Edwards (TX)
Natural Resources Conservation Service	Conservation Operations	Riparian Restoration along the Rio Grande, Pecos, and Canadian Rivers, New Mexico Association of Soil and Water Conservation Districts, NM	\$200,000	Bingaman	
Natural Resources Conservation Service	Conservation Operations	Risk Management Initiative, NRCS WV	\$673,000	Byrd	
Natural Resources Conservation Service	Conservation Operations	Sand County Foundation, WI	\$892,000		Baldwin
Natural Resources Conservation Service	Conservation Operations	Soil Phosphorus Studies, NRCS WV	\$202,000	Byrd	
Natural Resources Conservation Service	Conservation Operations	Soil Surveys, NRCS RI	\$134,000	Reed	

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requesters	
				Senate	House
Natural Resources Conservation Service	Conservation Operations	Technical Assistance Grants to Kentucky Soil Conservation Districts, Kentucky Division of Conservation, KY	\$545,000	Bunning, McConnell	Rogers (KY)
Natural Resources Conservation Service	Conservation Operations	Technical Assistance to Livestock/Poultry Producers, NC	\$300,000		Price (NC)
Natural Resources Conservation Service	Conservation Operations	Town of Cary Swift Creek Stream Bank Restoration, NC	\$199,000	Hagan	Miller (NC)
Natural Resources Conservation Service	Conservation Operations	UMASS-Amherst Ecological Conservation Initiative, MA	\$140,000	Kennedy, Kerry	
Natural Resources Conservation Service	Conservation Operations	Upper White River Basin Water Quality, MO	\$287,000		Blunt
Natural Resources Conservation Service	Conservation Operations	Utah Conservation Initiative, NRCS UT	\$2,500,000	Bennett	
Natural Resources Conservation Service	Conservation Operations	Water Quality Protection Program for the Monterey Bay Sanctuary, CA	\$400,000		Farr
Natural Resources Conservation Service	Conservation Operations	Watershed Agricultural Council, NY	\$480,000		Hinchey
Natural Resources Conservation Service	Conservation Operations	Watershed Demonstration Project, IA	\$134,000	Grassley, Harkin	Boswell, King (IA), Latham, Loebsock
Natural Resources Conservation Service	Conservation Operations	Watershed Planning Staff, NRCS Pacific Island Area	\$500,000	Akaka, Inouye	Hirono
Natural Resources Conservation Service	Conservation Operations	Watershed Protection Plan for Hood County, TX	\$67,000		Edwards (TX)
Natural Resources Conservation Service	Conservation Operations	Yankee Tank Dam, NRCS MS	\$1,000,000	Brownback, Roberts	

Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Alameda Creek Watershed Project, CA	\$1,337,000		Stark
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Ashley Valley Flood Control, Uintah County, UT	\$300,000	Hatch	
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Big Slough Watershed Project, AR	\$57,000		Berry
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Debate Creek Watershed Project, AR	\$110,000		Berry
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Dry Creek Watershed, City of Rocklin, CA	\$500,000	Feinstein	
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Dunloup Creek Watershed Project, NRCS WV	\$1,500,000	Byrd	
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	DuPage County Watershed, IL	\$1,000,000	Durbin	
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Farmington River Restoration Project, Riverfront, CT	\$500,000	Dodd; Lieberman	Larson (CT)
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Hurricane Katrina Related Watershed Restoration Project, MS	\$225,000	Wicker	Taylor
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Lahaina Watershed, NRCS HI	\$1,000,000	Alaka; Inouye	Hirono
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Lake Oswego Management and Restoration Plan, NY	\$400,000		Hall (NY)
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Little Sioux Watershed Project, IA	\$1,146,000	Grassley; Harkin	King (IA)
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Lost River, NRCS WV	\$4,000,000	Byrd	

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Lower Hamakua Ditch Watershed Project, HI	\$1,800,000	Alaka, Inouye	Abercrombie, Hirono
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Missouri Watershed Projects, NRCS MO	\$2,000,000	Bond	
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Pidcock-Mill Creeks Watershed Project, PA	\$573,000		Murphy, Patrick
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Pocasset River Watershed, NRCS RI	\$2,000,000	Reed	
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Richland Creek Reservoir, Paulding County, GA	\$100,000		Gingrey (GA)
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Soap Creek Watershed Project, IA	\$984,000	Grassley, Harkin	Loebback
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	South Fork of the Licking River Watershed Project, OH	\$125,000	Brown	Space
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Upcountry Maui Watershed Project, HI	\$2,000,000	Alaka, Inouye	Hirono
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Upper Clark Fork Watershed, Watershed Restoration Coalition, MT	\$200,000	Tester	
Natural Resources Conservation Service	Watershed/Flood Prevention Operations	Wailuku-Alenaio Watershed Project, HI	\$250,000	Alaka, Inouye	Abercrombie, Hirono

Food and Drug Administration	Salaries and expenses	Dietary supplements research, National Center for Natural Products Research, Oxford, Mississippi	\$1,608,000	Cochran; Wicker	Childers
Food and Drug Administration	Salaries and expenses	ISSC vibrio vulnificus education	\$174,000	Vitter	Melancon
Food and Drug Administration	Salaries and expenses	National Center for Food Safety and Technology, IL	\$2,077,000	Durbin	Jackson (IL); Lipinski
Food and Drug Administration	Salaries and expenses	New Mexico State University Agricultural Products Food Safety Laboratory	\$1,650,000	Bingaman; Tom Udall	Teague
General Provision		Agricultural pest facility, Hawaii	\$2,600,000	Akaka; Inouye	Abercrombie; Hirono
General Provision		Bill Emerson National Hunger Fellowship Program and the Mickey Leland International Hunger Fellowship Program	\$3,000,000		Emerson; Kaptur; McGovern
General Provision		Dairy Market Development, Wisconsin Department of Agriculture, Trade, and Consumer Protection	\$2,000,000	Kohl	Obey
General Provision		Center for Foodborne Illness Research and Prevention	\$200,000		DeLauro
General Provision		International Food Protection Training Institute	\$1,000,000	Levin; Stabenow	Schauer
General Provision		Market Development, Vermont Agency of Agriculture, Foods, and Markets	\$1,000,000	Leahy	
General Provision		Phase II construction, National Center for Natural Products Research, Oxford, Mississippi	\$3,497,000	Cochran; Wicker	
General Provision		Prototype for a National Carbon Inventory and Accounting System	\$1,000,000		Lewis (CA)

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION—Continued
[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				Senate	House
General Provision		Specialty Markets, Wisconsin Department of Agriculture, Trade, and Consumer Protection	\$350,000	Kohl	Kagen
General Provision		Workforce development and out-migration, Kansas Farm Bureau Foundation	\$250,000	Brownback	

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FORMULA VS. COMPETITIVE PROGRAMS

But what I am concerned about is that on research, where does it become corporate welfare in that you have a small group that is going to benefit the most and profit from that research. And in terms of competitive grants, how does that play into it?

I do know that the Council for Agriculture and Science Technology has released a report on this. So the question is going to be, and I will read this, but competitive versus formula grants. How do you make a decision and what is the philosophy on it?

But what the Council for Agriculture and Science Technology report said is they made a case for public investment in agriculture because it does help the output, but they also have said in there that funding should be taken from the competitive grant programs and allocated to the formula funds.

So just talk to us about formula versus competitive.

Dr. WOTEKI. Sure. I am happy to do that.

Mr. KINGSTON. And I do want to know also, getting back to the first round in terms of when you are looking at research, when does it become something that you do not feel that the public should be funding?

Dr. WOTEKI. As I started to say, I am happy to do that, Mr. Chairman. And I can comment both from the perspective of being a former dean as well as now administering these research programs.

The way that funding of agriculture research at universities has traditionally been done has been through a combination of formula funds, which also leverage a State match that goes to the agricultural experiment stations within the States.

In more recent years, the department has also had a competitive grants program. For many years it was called the National Research Initiative. Now it has been renamed to AFRI that I referred to earlier, and the competitive funding approach reflects the thinking that is largely post World War II about what is the best way to go about stimulating science that is going to lead to new insights and innovation.

So we continue to support research through the formula to States. As a former dean, I used those funds really to focus on what the issues were that were mostly very much local, were problems that were facing Iowa farmers, and for which using those funds, we could provide, you know, really site specific research and solutions for in my case Iowa farmers, and also the funds helped to support the link between the extension program and the research that was going on on campus so we could get the word out to farmers as quickly as possible.

The competitive funding approach is really looking to identify the most innovative, most cutting edge scientific aspects towards really fundamental questions. And what we have done within the AFRI Program, and I would like to ask Dr. Beachy to give you a bit more background on the approach that we have been taking within AFRI, is to try to link up that fundamental kind of research with higher education as well as extension in new ways so that those insights that are coming out of the laboratory are going to get into extension and into the farmers' hands as quickly as possible.

So that is the approach that we have taken on formula and competitive funds. And we believe that the competitive research in the agricultural sciences really has been severely under funded, and our budget proposes an increase of about 23, 24 percent to bring the total in the AFRI Program up to \$325 million.

AGRICULTURE AND FOOD RESEARCH INITIATIVE

So, Dr. Beachy, would you like to talk about the approach that you are taking?

Dr. BEACHY. Mr. Chairman.

Mr. KINGSTON. Dr. Beachy.

Dr. BEACHY. Thank you, Mr. Chairman.

Maybe the best way to do this would be to give an example of one of the programs that is being started. We spent the last—over the last five to ten years we have funded projects in wheat and barley because wheat and barley were not be approached by the large companies, and the investments led to a better understanding of genes and the genomics of wheat and barley, but it did not get us a product.

So this year we asked that team to come together and work across 20 different States to address all of the genetic variation in all of the wheat and barley, and put that information with the genetic information to develop varieties that could then be grown by those farmers in that region or could be then licensed out to seed companies.

Well, the challenge here is that those are very complex organisms and the United States has a pretty wide range of growing conditions, different diseases, different insects, and different soil types. And this group has come together in a way that includes the researchers and the geneticists, coupled with extension agents and with teachers and are going to be training plant breeders at the same time they are doing the development of varieties that would then be useful in those regions.

And that is something that the private sector would not have done. So we are taking our prior investments and current investments to develop products that then would be licensed outward.

AGRICULTURAL RESEARCH RESULTS

Mr. KINGSTON. Okay. Let me ask you. If I was to say what were the five best research projects that you did last year, would you be able to rattle them off quickly?

Dr. BEACHY. Well, the issue is how long—

Mr. KINGSTON. And I am going to ask Dr. Knipling. I am just putting him on notice.

[Laughter.]

Dr. BEACHY. And I guess my usual response is that between the research that we do in the laboratory and when it makes a product is between 10 and 15 years. So that the research that we would have sponsored in wheat and barley earlier and what we are doing now will in 5 to 8 years develop those varieties that would go outward. So we are looking at that window of 10 to 15 years.

And, again, we provided the information that a private sector then could take on their shorter term and develop what they would

like. But research really is a long-term investment, and if we did not invest, we would be subject to——

Mr. KINGSTON. Well, one of the things that the folks at NASA always have been decent about is, okay, Space Station, maybe you do not like the idea of space shuttles and, you know, that sort of thing, but you know, we brought you the calculator or Tang. I am not sure that was an advancement in the cause, but you know, things like that that says, okay, here are some of the by products of our research.

I think agriculture need to be in that position.

Dr. BEACHY. I think it is. The advances that have led to the higher yields in corn that we are seeing now is an investment that we made 10 to 15 years ago.

Mr. KINGSTON. What was the yield and what is it now because of that?

Dr. BEACHY. Well, when I was a kid it was 40 bushels an acre, and about 8 or 10 years ago it was 160 on average, and this year the average was someplace north of 240.

Mr. KINGSTON. Well, think about it this way. We are writing your obituary, and you know, we want to put some bragging point in it on great things, and the reason why this is important to all of us is because I as a Member, public servant, you, too, we need to be able to go out in public and say, "This is the difference we made. This is some of the stuff that we did."

Dr. BEACHY. I think if we did not point——

Dr. KINGSTON. She is writing your obituary. What did you put on it? "Great guy."

Dr. BEACHY. She wrote what I said earlier, and that is we result in higher productivity, which at the end of the day is what leads us to the economy that we have in agriculture. Whether that is better application or knowing how to apply fertilizer more effectively with less runoff or whether it is a better variety that does not succumb to the leaf disease in wheat or the corn blight that hit us 30 or 40 years ago, those were big milestones.

What we are seeing now are the annual increments, and we are challenged now because the annual increments of improvements or what we call total factor productivity is not on the same trajectory as it needs to be to meet the world's needs.

Mr. KINGSTON. Well, I think that that is one of the things that we do need to talk about, is the production per acre and the fact, as your testimony stated, that we have not just a net surplus in agriculture exports, but a hugh, and you also said that there is no prediction that that will change in the future either, and that is one of the things that we should talk about.

My time has expired. I look forward to hearing what Dr. Knipling is going to tell me in terms of——

[Laughter.]

Mr. KINGSTON. You know, I like to hear what the bugs are up to and all kinds of other things.

So, Mr. Farr.

RESEARCH FUNDING MECHANISMS

Mr. FARR. Thank you very much, Mr. Chairman. this is a dialogue we are both having, and I think it is essentially a learning process for us.

But what I have found, and I am sure it is true, that when universities do research, if there is some value to come out of it of, you know, a product to be sold, universities and I hope the Federal Government also protects themselves so that have the patent or the copyright on it so that when there is a return on that investment, that it insures to the public benefit as well.

That is typical in all universities. I mean, that is how Stanford gets so rich, with the genome project and things that they were doing, and the biochemical that came out of a lot of the laboratories there that I am sure somewhere in the background had public support as well.

But you essentially manage, as you said, three programs. You have a competitive grants program, a formula program, and an earmark program or have had an earmark program. Which of those drives it?

I mean, you are the smart scientists. We hire you to make these decisions. Taking all of the world crises and each State crisis and every kind of invasive species that is coming in, and trying to make a decision as to what of these pressures for research are really relevant and important, and you have got three pots to pull from, but two of them are totally driven.

I mean, the formula, it just goes out and there is really no quality control with that, it seems to me. The earmarks, they come from us, not from you. Competitive grant sounds like the most marketplace driven. I am sure there is some politics in that, too, but if we do not have earmarks, is it smart to continue the formula grants? Should we just have one? Should it all be competitive?

I know, Jack, it would be interesting because I do not think we could ever get the political support because for some of these universities, this is a cash cow to them, and they are not going to give it up. They are in that formula

What I am just interested in is your perspective of sitting on high of all three of these systems, and frankly, I think earmarks in many cases are relevant. I know in the things I have gotten involved in relevance because we have had a breakout. There is no way of getting money there fast. It is sort of emergency money, and we need to kill this pest or figure out how to eradicate it or keep it under control, and that is where the earmarks have been. You know, it is going to be tragic when we do not have them.

Dr. WOTEKI. Well, Congressman, we have been doing two things to address the underlying concerns in your question. Since I have joined the department 5 months ago, I have been working with the administrators here, as well as with many different stakeholder groups, to come up with a plan that involves the expertise that all of the agencies bring, along with the university community, to addressing these really big challenges that are facing agriculture.

We call it an action plan, and it essentially identifies what the role is going to be for the REE agencies and the funding mechanisms that we are going to use for addressing these, whether it is

going to be through an intramural program at NASS or ERS or ARS, or whether we are going to seek the answers in the university community.

So I would be happy to spend some time, you know, talking with you about that action plan and how we envision that working.

Mr. FARR. When do you think that plan will be out?

Dr. WOTEKI. Well, actually we have it now available for comment. We are seeking comment and would very much, as I said, like to sit down with you and go through it.

Mr. FARR. Well, does it essentially move the formula program into a competitive grant program? Is that what it-

Dr. WOTEKI. No. It recognizes that we continued to have in law the responsibilities for providing funding to the agriculture experiment stations and to extension through allocation of formula. But it does recognize that there are, because of these different funding streams, different ways of accomplishing our research agenda, and it recognizes that the intramural agencies provide infrastructure, and part of that inherently governmental function that I talked about earlier, and also recognizes that the experiment stations and extension have specific expertise that they can bring.

And then on top of that, the competitive grants program provides us the opportunity to be more agile in addressing emerging problems and in the planning cycles for the agencies, we are trying, in all the meetings that we are having with our various constituent groups, to identify where is the best place; which of these mechanisms is the most appropriate for funding research.

EARMARKS

Mr. FARR. Now, that sounds like a lot of process. What I am interested in, I guess, the bottom line here is all of these earmarks that we just wiped out, how many of them are really relevant and really should continue to be funded.

Dr. WOTEKI. Well, as I had indicated earlier, some of them are very meritorious, but because they were earmarked—

Mr. FARR. Yes, we are throwing the baby out with the bath water.

Dr. WOTEKI [continuing]. In that category that we are proposing to be eliminated.

And the investigators can apply through the competitive grants program for funding.

Mr. KINGSTON. The gentleman's time has expired, but I want to continue on that same vein. Because my question is, and I see Dr. Beachy wants to say something, but in your comments, if an earmark has been, say, even though they are one year at a time, a lot of them have been going on for 2 to 3, maybe 4 or 5 years. Does the grantor or grantee have to reapply through the competitive process?

If you are kind of halfway through the stream, would they get more favorable treatment in order to continue, particularly the ones you feel are meritorious?

Dr. WOTEKI. My understanding of the way that this will work is that if in the appropriations the earmarks are zeroed out, we will be notifying the universities to that effect, that there are no funds to continue further support of that work.

Mr. KINGSTON. But on some of the stuff that is meritorious, will you be in a position of telling us, hey, this is, as Mr. Farr has just said, throwing out the baby with the bath water; are you going to be in the position of saying, "Here are some of the priorities we have, and it would be a good idea if these were continued, and we want to have an open communication with Congress on some of these matters"?"

Dr. WOTEKI. Well, we will certainly be investigating other options, but my understanding is if we do not have an appropriation to support them, we do not have the funds to support them. We would encourage the investigators, who have been supported through earmarks, to take advantage of the next cycle of the competitive grants funding and to apply through that program.

Mr. KINGSTON. Is there enough money in it?

Dr. WOTEKI. We are proposing an increase that would bring the total up to \$325 million.

Mr. KINGSTON. How much are the earmarks total?

Dr. WOTEKI. Well, as we have talked about, the amount in NIFA is \$141 million.

Mr. KINGSTON. Dr. Knipling, I wanted to hear what are your five favorite accomplishments that you guys have had.

Dr. WOTEKI. He has had a lot of time to think about it.

Mr. KINGSTON. He has had more time than he deserves, I think. [Laughter.]

ARS RESEARCH ACCOMPLISHMENTS

Mr. KNIPLING. Well, thank you, Mr. Chairman.

Coincidentally, we often describe the total ARS program as five major components: natural resources, crop production and protection, livestock production and protection, food science, food technology, and human nutrition. And, in fact, I think I can cite an example in each of those five areas that is very current and contemporary.

I would just say quickly if we look historically, many of the consumer products that we are all very familiar with have been derived from previous USDA research that, although developed in the pre-commercial phase, have gone on to be adopted by the private sector to develop consumer products. Orange juice, cotton fabrics, clothing that we are wearing every day, food products in the grocery store, there is a science story behind every one of those.

But more contemporary, if I were to cite an example in the natural resources area, we have supported other agencies of USDA, the Natural Resources Conservation Service, and incidentally, that is one of our mandates, is to serve the other agencies of USDA. They are one of our major customers, but the past several Farm Bills have tasked USDA to definitively define the outcomes in support of conservation investments, and we have done the research through the so-called Conservation Effects Assessment Program to show that these conservation programs do, in fact, save soil erosion, improve water quality, contribute to the wellness of the environment.

In the plant science area, I would quote some of the fundamental genomics work that we have done in partnership with other agen-

cies that have laid the foundation for advancements by other scientists in the private sector, the corn genome, the maize genome.

In the plant health area, a very successful program that is continuing after about ten years is control scab disease in wheat, *Fusarium*. We have diminished the impact of that disease and also the toxins that are associated with that disease, which has both food, human health, and animal health implications.

Right now we are working actively on this so-called UG-99, the wheat stem rust. We do not have this problem, but it is an international threat, and I think our success will be measured by the avoidance of a problem that never reaches the United States.

Mr. KINGSTON. Well, thank you.

My time has expired, and I actually did have a question on UG-99, but, Mr. Latham, your turn.

Mr. LATHAM. Thank you, Mr. Chairman.

And welcome. It is good to see you. I guess my first question would be representing Iowa State, which obviously you are very familiar with, and I have heard a lot from my brother, as you well know.

Dr. WOTEKI. I imagine so.

HATCH ACT REDUCTIONS

Mr. LATHAM. He is very interested in agriculture research, certainly the dean and everybody, the president. With the Hatch Act cuts of about \$11 million, and with Mac-Stennis cuts doing away with the ability of any Member to provide funding for research programs, certainly with extension being cut about \$15 million; what am I supposed to tell the people at Iowa State with the ongoing research that is going to be eliminated?

Dr. WOTEKI. Well, I think that you recognize that the budget that we are proposing in 2012 is designed to address both the deficit and needed debt reduction. We have had in preparation of this budget to make what are really some very hard and I know painful choices. And the best advice that we can give to people in universities who are being affected by these proposals is to prepare proposals and submit them into the competitive grants program, for which we are requesting an increase, a significant increase in the 2012 budget.

Mr. LATHAM. But what about the ongoing, long-term, basic research at the universities? You are keenly aware of how important that is for agriculture.

Dr. WOTEKI. Yes. Most keenly aware. The very fundamental research, a lot of that—most of it, actually—is being supported through the competitive grants program. So again we would encourage people with that outlook to prepare proposals and to submit them.

We recognize that the universities, through the experiment stations, make very good use of their Hatch Funds. And under the budget constraints that we're facing, though, we've recognized that we have to make some cuts, as much as we might not want to do so.

Mr. LATHAM. Didn't we used to team up to stop the kind of cuts that you're talking about today?

[Laughter.]

Dr. WOTEKI. We would certainly like to do that.

Mr. LATHAM. Well, I think it's obviously a real concern with anyone, with ongoing long-term research, what the effect is going to have.

COMPETITIVE GRANTS

And you know very well that with the competitive grants, you're not going to have continuity; you're not able to hire people; you're not able to keep the known funding levels there, so that you can have the kind of basic research that we need in agriculture, that the private sector, you know, will not invest in, or can't afford to.

And you know, I obviously have real concerns about that.

And also, I guess the whole priority the Secretary was in—was that a week or so ago—and the priority issues are now: Child obesity, climate change, global food security, food safety, energy, and biofuels.

I just don't see where the basic kind of research that we need is anywhere in the priority list. Where is it on the list?

Dr. WOTEKI. Well, first of all, to address your question about the model of using competitive grants to support long-term fundamental research, if you look outside agriculture, at the other fields of science, whether it's biomedical research or physics or chemistry, I mean, that's the approach that other Federal agencies have used to fund research that's largely performed at universities or other research organizations outside of government.

In agriculture, we have had the experience now with the National Research Initiative, and now named AFRI, and with a major emphasis on trying to increase that funding.

We think the model will actually work well with agriculture, and are encouraging faculty to apply for competitive grants for those projects that were earmarks in the past.

Mr. LATHAM. Okay. I don't know, am I out of time?

Mr. KINGSTON. The gentleman's time has expired.

Mr. Farr.

RESEARCH FUNDING MECHANISMS

Mr. FARR. Thank you.

I just got a breakdown: The formula grants are about 42 percent, the competitive grants are 40 percent, the earmarks were about 15.6 percent, and administrative grants about 2 percent, 2.3.

We have wiped out the earmarks, so now, I mean, the formula is the biggest release of money. And that formula—and formulas always have windfalls and wipe-outs—I mean, people who were there at the time the formula was written usually get protected. And the newest or latest concerns don't get into the formula funding.

And I understand what you've said so far is that a lot of this in formulas were there to protect the colleges who were around in 1862. The Hatch Act was 1887 it was written. So this is a pretty old law.

And it does other things. It protects Black colleges, and so on. And I think the question is that if we're going to have a limited amount of research dollars, whatever that amount is, that we real-

ly out to make them more competitive. And I can see, you know, Mr. Latham, he's right about the continuity.

But at same time I hear from my universities that they'd much rather be in a competitive process than in a formula process, or in an earmark process.

And, you know, for the leading—these are University of California statements, with big Ag universities, they think they'll get their fair share in a competitive process. It seems to me, if indeed this earmark's going to be, if we're going to ban them and not have them again, and the only way we can get access to new money is going to be in a competitive grant, then we've got to start checking on whether this formula process, which is almost 50 percent of all the money going out.

And if it's a formula, you don't have to prove anything. You're on that list, you get your money. You just get a check. There's no competition, there's no relevancies, essentially.

How serious are you looking at what we could do? It could be a huge blow-back politically, because to a lot of the universities, this is a check they don't want to give up.

ACCOUNTABILITY OF FORMULA FUNDING

Dr. WOTEKI. Well, first of all, let me address the question of accountability within the formula funds. Each of the universities that receives funds through a formula is required to put together a plan that is approved by NIFA.

Mr. FARR. Can you veto it? Have you ever vetoed—once they have the plan, is it kind of measurable for quality, or anything?

Dr. WOTEKI. Let me ask Dr. Beachy to describe to you how they review the plans, and the kind of interaction that goes on with the universities.

Dr. BEACHY. Thank you, Congressman. Each of the funds that would go to a State is broken down to individual projects. Those, then, come in as individuals through a Grants.gov process.

They are then reviewed by a national program leader—an NPL. There's a lot that we can't say, but if it's a bad project, we simply send it back and say that's not an appropriate use.

So there is some monitoring, but it is not nearly to the extent that it would be in a competitive grant. You're correct in that—

Mr. FARR. The reason I'm doing this line of questioning is that it really got down to—I mean, when when I first came on this committee, I was told that there's just an awful lot of money flowing out there to do irrelevant research.

And I think Mr. Kingston's raised that also. And I mean, if we have a limited amount of funds, we don't want to spend it on irrelevant research, when there's really cutting edge research that we ought to be doing. We're in a competitive world. We got to get outproduct to market.

America's greatest economic asset is its seed corn of creativity, it's intellectual capacity. Nobody's been able to rob that from us yet. They maybe build what we invent somewhere else, but we invent it.

And so this is so cutting, I mean, in agriculture still being a huge part of our economy, if we're going to stay ahead of the world, we're going to have to put a lot of money up front, right where you are.

And if we're going to limit that money, we got to make sure that that money is going to the most worthwhile or essential research.

AGRICULTURE AND FOOD RESEARCH INITIATIVE

Dr. BEACHY. We believe that that's what AFRI does. AFRI receives input from stakeholders, and they help us to identify what the key priorities are.

And then we formulate our RFAs, or our calls for proposals. And then the competition starts.

And we do keep this clear of as much politics as possible. We try to rate the best grants, and then award those to those that are most deserving.

And it's our ability to identify the important needs, whether it's in a viticulture genomics, or it's in aquaculture or another area of high priority, we want to be able to put those out to bid to the best scientist.

And so by growing AFRI and identifying the important components, those things that are important for the success of American economy and agriculture, we then can put these calls out for the best to compete.

And we find that that brings out the greatest creativity, it brings out the best teamship that we could possibly find between sciences and different disciplines, where the economist talks to the bench scientist, and he talks to the field scientist, and they come up with a project that solves a problem for American agriculture in regional ways that these other funds don't.

That said——

Mr. FARR. The other funds, this is competitive grants that you're talking about?

Dr. BEACHY. Competitive grants.

Mr. KINGSTON. The gentleman's time is expired. And now that we have more members here, we're going to have to get back a little more formally to the five-minute rule. So.

Mrs. EMERSON.

Mrs. EMERSON. Thanks, Mr. Chairman. Welcome, all of you. I apologize for being late.

Let me follow up on this discussion of research. And it is very frustrating for all of us who represent ag districts, to see that the NIH spends \$170 for every one dollar spent by USDI and competitive fundamental research.

And I mean, it's pretty lopsided funding, if you ask me. And certainly, given the fact that the very essence of life science begins with the food we eat, this is a problem.

But that being said, let me follow up, Dr. Beachy, with what Mr. Farr was asking you. What's the total amount of research grant applications received by AFRI for last year? Or total amount you've gotten——

Dr. BEACHY. Congresswoman Emerson, it's nice to see you again.

The amount that we received this year end for AFRI funding was \$4 billion in requests, from 500 research institutions.

Mrs. EMERSON. So you had 500 research institutions apply?

Dr. BEACHY. Yes. Including our land grant colleges and universities. These are from medical schools, and from research institutions that are private, and that are public.

It's an enormous degree of interest of scientists around the country in all of our institutes, who want to solve these problems of obesity, of fertility of our crops, and productivity of lands.

It's an amazing interest.

And so we had \$4 billion of requests, and our award level would be something around \$250 million.

AGRICULTURE-RELATED SCIENCE AND AFRI

Mrs. EMERSON. And what percentage of that was spent on agriculture-related science and—I mean, because I consider obesity to be—I mean, questioning as to whether I would say it's agriculture-applied science.

But you know, we used to do soybeans and nematode research, and you know, snail-darter research, or whatever. I'm being a little facetious about snail darters. But seriously.

So how much is spent on just good ag research as it applies to making crops more resistant, I mean, to actually coming up with seed varieties that would be more tolerable in a dry climate and those things, versus obesity and other things?

Dr. BEACHY. Now see, I'd have to get back with the exact numbers. The amount that would be in our Institute for Food Production and Sustainability, compared to those that would be in the area of climate, which includes new drought tolerance work——

Mrs. EMERSON. Okay.

Dr. BEACHY. So a lot of the drought tolerance work that would be in that institute would also feed over into the Food Production Institute.

I don't have——

Mrs. EMERSON. Well, if you can get me that information.

Dr. BEACHY. I'd be glad to.

[The information follows:]

Much of this research will be conducted under programs that are administered by NIFA's Institute for Food Production and Sustainability through several funding authorities including AFRI, and NIFA's formula based programs, and other competitive grant programs including several of the research programs supported through mandatory funding. Within AFRI, research related to sustainable production agriculture is supported through the Challenge areas for global food security and climate change. The AFRI foundation program also supports research directly related to sustainable crop and livestock production systems. In addition extensive research programs in production agriculture are supported through NIFA's formula based programs at the Land Grant Universities. There are several other NIFA programs such as the Specialty Crop Research Initiative, the Sustainable Agriculture Research and Extension Program, and the Organic Agriculture Research and Extension Initiative that support the development of sustainable food production systems.

Mrs. EMERSON. And I'd love to see just a breakdown of all of the money that was given out to each institution.

Dr. WOTEKI.

Dr. WOTEKI. Yeah. We're happy to supply that. But I would respond that all of the research that's sponsored under AFRI does fit within the mission of the Department of Agriculture.

[The information follows:]

FY 2009 Funding Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
443,457	Improving Food Quality and Value	Agricultural Research Service, USDA	AL
10,000	Soil Processes	Alabama A&M University	AL
10,000	Animal Health and Well-Being: Animal Health	Agricultural Research Service, USDA	AR
372,000	Animal Health and Well-Being: Animal Well-Being	Arizona State University	AZ
7,500	Bioactive Food Components for Optimal Health	University of Arizona	AZ
448,600	Soil Processes	University of Arizona	AZ
370,000	Animal Health and Well-Being: Animal Well-Being	Beckman Research Institute of the City of Hope	CA
1,250,000	Applied Plant Genomics Coordinated Agricultural Project	The Regents of the University of California	CA
337,783	Arthropod and Nematode Biology and Management	The Regents of the University of California	CA
99,775	Arthropod and Nematode Biology and Management	The Foundation for CSU, San Bernardino	CA
425,000	Improving Food Quality and Value	Agricultural Research Service, USDA	CA
1,000,000	Microbial Genomics Sequencing	Children's Hospital & Research Center	CA
740,000	Microbial Genomics Sequencing	Regents of the University of California	CA
7,000	Plant Biology: Biochemistry	Regents of the University of California	CA
349,853	Plant Biology: Environmental Stress	The Regents of the University of California	CA
500,000	Plant Genome, Genetics and Breeding	Regents of the University of California	CA
447,000	Plant Genome, Genetics and Breeding	The Regents of the University of California	CA
448,000	Plant Genome, Genetics and Breeding	The Regents of the University of California	CA
450,000	Plant Genome, Genetics and Breeding	The Regents of the University of California	CA
200,000	Animal Health and Well-Being: Animal Well-Being	Agricultural Research Service, USDA	CA
340,000	Animal Reproduction	Colorado State University	CO
125,000	Animal Reproduction	Colorado State University	CO
349,082	Animal Reproduction	Colorado State University	CO
103,218	Arthropod and Nematode Biology and Management	Colorado State University	CO
10,000	Soil Processes	Colorado State University	CO
149,859	Soil Processes	Colorado State University	CO
150,000	Animal Health and Well-Being: Animal Well-Being	University of Connecticut	CT
372,000	Animal Health and Well-Being: Animal Well-Being	University of Connecticut	CT
499,123	Bioactive Food Components for Optimal Health	University of Connecticut	CT
98,495	Improving Food Quality and Value	Yale University	CT
10,000	Water and Watersheds	University of Connecticut	CT
10,000	Water and Watersheds	Ecological Society of America	DC
10,000	Water and Watersheds	American Geophysical Union	DC

FY 2009
Funding

Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
349,260	Animal Reproduction	University of Florida Board of Trustees	FL
643,000	Biobased Products and Bioenergy Production Research	University of Florida	FL
182,715	Improving Food Quality and Value	University of Florida Board of Trustees	FL
469,968	Improving Food Quality and Value	The Florida State University	FL
10,000	Soil Processes	University of Florida	FL
344,700	Soil Processes	University of Florida Board of Trustees	FL
1,000,000	Arthropod and Nematode Biology and Management	The University of Georgia	GA
705,000	Biobased Products and Bioenergy Production Research	The University of Georgia	GA
293,042	Improving Food Quality and Value	The University of Georgia	GA
449,900	Soil Processes	The University of Georgia	GA
400,000	Water and Watersheds	Georgia Tech Research Corporation	GA
374,798	Improving Food Quality and Value	University of Hawaii	HI
473,870	Improving Food Quality and Value	Iowa State University	IA
5,000	Microbial Genomics Sequencing	Iowa State University	IA
150,000	Animal Health and Well-Being: Animal Well-Being	Boise State University	ID
350,000	Arthropod and Nematode Biology and Management	Regents of the University of Idaho	ID
12,500	Improving Food Quality and Value	University of Idaho	ID
625,000	Animal Genome, Genetics and Breeding	Agricultural Research Service, USDA	IL
10,000	Animal Genome, Genetics and Breeding	The University of Illinois at Urbana-Champaign	IL
375,000	Animal Health and Well-Being: Animal Well-Being	Agricultural Research Service, USDA	IL
349,936	Arthropod and Nematode Biology and Management	The University of Illinois at Urbana-Champaign	IL
50,000	Arthropod and Nematode Biology and Management	The University of Illinois at Urbana-Champaign	IL
249,994	Food & Agric. Science for Emerging Issues	University of Illinois at Chicago	IL
315,000	Animal Reproduction	Purdue University	IN
463,742	Bioactive Food Components for Optimal Health	Purdue University	IN
10,000	Human Nutrition and Obesity	Society for Nutrition Education	IN
370,890	Improving Food Quality and Value	Purdue University	IN
348,321	Plant Biology: Environmental Stress	Purdue University	IN
10,000	Plant Genome, Genetics and Breeding	Purdue University	IN
500,000	Plant Genome, Genetics and Breeding	Purdue University	IN
400,000	Water and Watersheds	Purdue University	IN
375,000	Animal Health and Well-Being: Animal Well-Being	Kansas State University	KS

FY 2009
Funding

Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
441,000	Plant Genome, Genetics and Breeding	Kansas State University	KS
500,000	Microbial Genomics Sequencing	University of Kentucky Research Foundation	KY
150,000	Plant Genome, Genetics and Breeding	University of Kentucky Research Foundation	KY
125,000	Bioactive Food Components for Optimal Health	Louisiana State University Agricultural Center	LA
118,697	Soil Processes	Louisiana State University and A&M College	LA
112,050	Water and Watersheds	Louisiana State University Agricultural Center	LA
375,000	Animal Health and Well-Being: Animal Well-Being	University of Massachusetts Dartmouth	MA
348,953	Arthropod and Nematode Biology and Management	University of Massachusetts Dartmouth	MA
985,000	Microbial Genomics Sequencing	The Broad Institute, Inc.	MA
625,000	Animal Genome, Genetics and Breeding	Bovine Functional Genomics Laboratory	MD
362,000	Animal Health and Well-Being: Animal Well-Being	University of Maryland	MD
375,000	Animal Health and Well-Being: Animal Well-Being	Michigan State University	MI
349,782	Animal Reproduction	Michigan State University	MI
1,250,000	Applied Plant Genomics Coordinated Agricultural Project	Michigan State University	MI
652,000	Biobased Products and Bioenergy Production Research	Michigan Technological University	MI
870,000	Microbial Genomics Sequencing	Michigan State University	MI
450,000	Plant Genome, Genetics and Breeding	Michigan State University	MI
3,718	Soil Processes	Michigan State University	MI
448,500	Soil Processes	Michigan State University	MI
399,970	Water and Watersheds	Michigan State University	MI
10,000	Animal Health and Well-Being: Animal Health	Regents of the University of Minnesota	MN
955,000	Applied Plant Genomics Coordinated Agricultural Project	Regents of the University of Minnesota	MN
9,750	Arthropod and Nematode Biology and Management	Regents of the University of Minnesota	MN
400,000	Arthropod and Nematode Biology and Management	Regents of the University of Minnesota	MN
5,000	Plant Biology: Biochemistry	Regents of the University of Minnesota	MN
448,000	Plant Genome, Genetics and Breeding	Regents of the University of Minnesota	MN
449,000	Plant Genome, Genetics and Breeding	Regents of the University of Minnesota	MN
251,119	Arthropod and Nematode Biology and Management	Regents of the University of Minnesota	MN
5,000	Plant Genome, Genetics and Breeding	The Curators of the University of Missouri	MO
374,770	Animal Health and Well-Being: Animal Well-Being	The Curators of the University of Missouri	MO
370,000	Animal Health and Well-Being: Animal Well-Being	Mississippi State University	MS
124,983	Soil Processes	University of Mississippi Medical Center	MS
		Mississippi State University	MS

FY 2009 APRI Awards

FY 2009

Funding

Awarded

Agriculture and Food Research Initiative Categories		Recipient Institution	State
398,821 Water and Watersheds		Mississippi State University	MS
320,500 Arthropod and Nematode Biology and Management		Montana State University	MT
10,000 Plant Biology: Biochemistry		Montana State University	MT
150,000 Improving Food Quality and Value		North Carolina Central University	NC
349,897 Plant Biology: Environmental Stress		North Carolina State University	NC
320,000 Animal Reproduction		North Dakota State University	ND
28,633 Animal Reproduction		North Dakota State University	ND
1,000,000 Applied Plant Genomics Coordinated Agricultural Project		North Dakota State University	ND
32,976 Improving Food Quality and Value		North Dakota State University	ND
375,000 Animal Health and Well-Being: Animal Well-Being		University of Nebraska-Lincoln	NE
371,230 Animal Health and Well-Being: Animal Well-Being		University of Nebraska-Lincoln	NE
282,000 Plant Genome, Genetics and Breeding		University of Nebraska-Lincoln	NE
349,481 Arthropod and Nematode Biology and Management		University of Nebraska-Lincoln	NE
400,000 Arthropod and Nematode Biology and Management		University of Nebraska-Lincoln	NE
469,596 Improving Food Quality and Value		Trustees of Dartmouth College	NH
449,976 Improving Food Quality and Value		Rutgers, The State University of New Jersey	NJ
370,000 Animal Health and Well-Being: Animal Well-Being		Rutgers, The State University of New Jersey	NJ
305,052 Arthropod and Nematode Biology and Management		Rutgers, The State University of New Jersey	NJ
472,947 Improving Food Quality and Value		Rutgers, The State University of New Jersey	NJ
10,000 Plant Biosecurity		Cornell University	NY
500,000 Plant Genome, Genetics and Breeding		Cornell University	NY
10,000 Soil Processes		Cornell University	NY
299,370 Water and Watersheds		Cornell University	NY
349,865 Arthropod and Nematode Biology and Management		Cary Institute of Ecosystem Studies	NY
375,000 Animal Health and Well-Being: Animal Well-Being		Cornell University	NY
10,000 Biobased Products and Bioenergy Production Research		The Ohio State University	OH
10,000 Plant Genome, Genetics and Breeding		Oklahoma State University	OK
500,000 Agricultural Prosperity for Small & Medium-sized Farms		University of Oklahoma	OK
500,000 Bioactive Food Components for Optimal Health		The Samuel Roberts Noble Foundation, Inc.	OK
448,000 Plant Genome, Genetics and Breeding		Oregon State University	OR
200,000 Soil Processes		Oregon State University	OR
335,513 Soil Processes		Oregon State University	OR

FY 2009 Funding Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
325,000	Animal Reproduction	The Pennsylvania State University	PA
499,461	Bioactive Food Components for Optimal Health	The Pennsylvania State University	PA
449,367	Improving Food Quality and Value	The Pennsylvania State University	PA
10,000	Plant Biology: Biochemistry	Gordon Research Conferences	RI
10,000	Plant Genome, Genetics and Breeding	Gordon Research Conferences	RI
149,438	Soil Processes	University of Rhode Island	RI
349,934	Soil Processes	South Dakota State University	SD
10,000	Animal Health and Well-Being: Animal Health	American Assoc. of Veterinary Immunologists	TN
349,503	Animal Reproduction	University of Tennessee	TN
10,000	Bioactive Food Components for Optimal Health	University of Tennessee	TN
449,500	Soil Processes	University of Tennessee	TN
349,287	Animal Reproduction	Texas A&M Research Foundation	TX
338,086	Animal Reproduction	Texas Agrilife Research	TX
325,000	Animal Reproduction	The University of Texas at Austin	TX
449,190	Arthropod and Nematode Biology and Management	Texas Agrilife Research	TX
344,217	Arthropod and Nematode Biology and Management	Texas A&M Research Foundation	TX
192,084	Improving Food Quality and Value	Texas Tech University	TX
261,662	Water and Watersheds	Texas Tech University	TX
282,290	Improving Food Quality and Value	Utah State University	UT
900,000	Microbial Genomics Sequencing	Virginia Tech University	VA
255,952	Arthropod and Nematode Biology and Management	Washington State University	WA
330,000	Animal Reproduction	West Virginia University Research Corporation	WV
25,000	Animal Reproduction	University of Wyoming	WY
49,812,501			

FY 2010 Funding

Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
28,976	Biobased Products and Bioenergy Production Research	University of Alaska Fairbanks	AK
494,000	Biology of Weedy & Invasive Species in Agroecosystems	University of Alaska Fairbanks	AK
149,911	Biology of Weedy & Invasive Species in Agroecosystems	University of Alaska Anchorage	AK
800,000	Animal Genome, Genetics and Breeding	Auburn University	AL
348,836	Animal Growth and Nutrient Utilization	Auburn University	AL
150,000	Biobased Products and Bioenergy Production Research	Auburn University	AL
494,000	Biology of Weedy & Invasive Species in Agroecosystems	Auburn University	AL
295,000	Microbial Biology: Microbial Associations with Plants	Auburn University	AL
239,932	Agribusiness Markets and Trade	Arizona State University	AZ
349,326	Animal Growth and Nutrient Utilization	University of Arizona	AZ
449,984	Arthropod and Nematode Biology and Management	Northern Arizona University	AZ
50,000	Climate Change: Regional Approaches to Climate Change	University of Arizona	AZ
124,033	Food Safety: Biological Approaches	University of Arizona	AZ
309,378	Agribusiness Markets and Trade	California Polytechnic State University	CA
597,990	Air Quality	California State University	CA
349,560	Animal Growth and Nutrient Utilization	California State University	CA
1,250,000	Applied Plant Genomics Coordinated Agric. Project	University of California, Davis	CA
200,000	Arthropod and Nematode Biology and Management	University of California-Davis	CA
633,930	Arthropod and Nematode Biology and Management	University of California-Davis	CA
499,237	Bioactive Food Components for Optimal Health	Children's Hospital & Research Center	CA
495,000	Biology of Weedy & Invasive Species in Agroecosystems	The Regents of the University of California	CA
494,000	Biology of Weedy & Invasive Species in Agroecosystems	The Regents of the University of California	CA
50,000	Climate Change: Regional Approaches to Climate Change	The Regents of the University of California	CA
393,960	Food Safety: Biological Approaches	Regents of the University of California	CA
1,450,000	Human Nutrition and Obesity	Regents of the University of California	CA
399,000	Microbial Biology: Microbial Associations with Plants	The Regents of the University of California	CA
999,900	Microbial Genomics Functional Genomics	The Regents of the University of California	CA
297,000	Plant Biology: Biochemistry	The Regents of the University of California	CA
343,601	Plant Biology: Environmental Stress	The Regents of the University of California	CA
347,555	Plant Biology: Growth and Development	The Regents of the University of California	CA
349,964	Plant Biology: Growth and Development	Agricultural Research Service, USDA	CA
500,000	Plant Breeding and Education	Regents of the University of California	CA
500,000	Plant Genome, Genetics and Breeding	The Regents of the University of California	CA
210,117	Soil Processes	The Regents of the University of California	CA
200,000	Sustainable Agroecosystem Science ITAP	The Regents of the University of California	CA

FY 2010 APRI Awards

FY 2010 Funding		Agriculture and Food Research Initiative Categories		Recipient Institution	State
Awarded					
399,808	Water and Watersheds			The Regents of the University of California	CA
400,000	Air Quality			Colorado State University	CO
200,000	Animal Health and Well-Being: Animal Health			Colorado State University	CO
87,000	Animal Health and Well-Being: Tools and Resources			Conf. of Research Workers in Animal Diseases	CO
500,000	Biobased Products and Bioenergy Production Research			Colorado State University	CO
124,962	Biology of Weedy & Invasive Species in Agroecosystems			Colorado State University	CO
50,000	Climate Change: Regional Approaches to Climate Change			Colorado State University	CO
1,498,898	Human Nutrition and Obesity			Colorado State University	CO
399,000	Microbial Biology: Microbial Associations with Plants			Agricultural Research Service, USDA	CO
315,437	Plant Biology: Environmental Stress			Agricultural Research Service, USDA	CO
199,248	Agribusiness Markets and Trade			University of Connecticut	CT
404,966	Agricultural Prosperity for Small & Medium-sized Farms			University of Connecticut	CT
366,107	Food Safety: Biological Approaches			University of Connecticut	CT
135,000	Plant Biology: Growth and Development			University of Connecticut	CT
125,753	Plant Biology: Growth and Development			University of Connecticut	CT
970,000	Animal Genome, Genetics and Breeding			Connecticut Agricultural Experiment Station	CT
704,044	Arthropod and Nematode Biology and Management: Tools, Res			Georgetown University	DC
317,950	Water and Watersheds			Georgetown University	DC
350,000	Animal Growth and Nutrient Utilization			University of Delaware	DE
549,552	Arthropod and Nematode Biology and Management: Tools, Res			University of North Florida	FL
387,556	Disaster Resilience for Rural Communities			University of Florida	FL
124,911	Food Safety: Biological Approaches			University of Central Florida	FL
1,000,000	Human Nutrition and Obesity			University of Florida Board of Trustees	FL
1,000,000	Integrated Solutions for Animal Ag			University of Miami	FL
399,000	Microbial Biology: Microbial Associations with Plants			University of Florida Board of Trustees	FL
125,000	Plant Biology: Biochemistry			Florida State University	FL
999,552	Plant Biosecurity			Florida A&M University	FL
497,748	Plant Breeding and Education			University of Florida Board of Trustees	FL
499,386	Plant Breeding and Education			University of Florida Board of Trustees	FL
10,000	Agricultural Prosperity for Small & Medium-sized Farms			University of Florida	FL
388,343	Animal Genome, Genetics and Breeding			The University of Georgia	GA
396,500	Arthropod and Nematode Biology and Management			University of Georgia	GA
399,154	Food Safety: Biological Approaches			University of Georgia	GA
1,250,000	Food Safety: Epidemiological Approaches			Emory University	GA
350,000	Plant Biology: Biochemistry			University of Georgia	GA

FY 2010 Funding

Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
350,000	Plant Biology: Growth and Development	The University of Georgia	GA
321,970	Plant Biology: Growth and Development	The University of Georgia	GA
349,658	Plant Biology: Growth and Development	University of Georgia	GA
328,714	Plant Biosecurity	University of Georgia	GA
499,884	Plant Breeding and Education	University of Georgia	GA
150,000	Biobased Products and Bioenergy Production Research	University of Hawaii	HI
360,396	Agribusiness Markets and Trade	Iowa State University	IA
449,939	Animal Genome, Genetics and Breeding	Iowa State University	IA
349,421	Animal Growth and Nutrient Utilization	Iowa State University	IA
499,833	Managed Ecosystems	Iowa State University	IA
499,250	Managed Ecosystems	Iowa State University	IA
399,000	Microbial Biology: Microbial Associations with Plants	Iowa State University	IA
998,400	Microbial Genomics Functional Genomics	Iowa State University	IA
350,000	Plant Biology: Biochemistry	Iowa State University	IA
125,000	Soil Processes	Iowa State University	IA
399,331	Agribusiness Markets and Trade	University of Idaho	ID
134,079	Animal Growth and Nutrient Utilization	University of Idaho	ID
26,000	Animal Health and Well-Being: Animal Health	University of Idaho	ID
199,704	Biology of Weedy & Invasive Species in Agroecosystems	Idaho State University	ID
149,452	Managed Ecosystems	Boise State University	ID
399,000	Microbial Biology: Microbial Associations with Plants	University of Idaho	ID
148,831	Plant Biology: Environmental Stress	University of Idaho	ID
200,000	Sustainable Agroecosystem Science LTAP	Regents of the University of Idaho	ID
625,000	Animal Genome, Genetics and Breeding	Agricultural Research Service, USDA	IL
375,000	Animal Health and Well-Being: Animal Health	Agricultural Research Service, USDA	IL
257,000	Arthropod and Nematode Biology and Management	University of Illinois	IL
86,500	Arthropod and Nematode Biology and Management	Agricultural Research Service, USDA	IL
99,900	Arthropod and Nematode Biology and Management	Agricultural Research Service, USDA	IL
318,567	Bioactive Food Components for Optimal Health	University of Illinois at Urbana-Champaign	IL
179,842	Bioactive Food Components for Optimal Health	University of Illinois	IL
498,889	Biobased Products and Bioenergy Production Research	Agricultural Research Service, USDA	IL
494,702	Biobased Products and Bioenergy Production Research	Agricultural Research Service, USDA	IL
359,852	Food Safety: Biological Approaches	Illinois Institute of Technology	IL
900,000	Integrated Solutions for Animal Ag	University of Illinois at Urbana-Champaign	IL
499,776	Managed Ecosystems	University of Illinois at Urbana-Champaign	IL

FY 2010 AFRI Awards

FY 2010 Funding Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
552,600	Microbial Genomics Functional Genomics	University of Illinois at Urbana-Champaign	IL
317,000	Plant Biology: Biochemistry	Northwestern University	IL
349,670	Plant Biology: Environmental Stress	Agricultural Research Service, USDA	IL
349,266	Plant Biology: Environmental Stress	University of Illinois at Urbana-Champaign	IL
500,000	Plant Breeding and Education	University of Illinois at Urbana-Champaign	IL
500,000	Plant Breeding and Education	Western Illinois University	IL
1,000,000	Sustainable Bioenergy: Plant Feedstock Genomics	University of Illinois at Urbana-Champaign	IL
386,775	Water and Watersheds	University of Illinois at Urbana-Champaign	IL
291,332	Agribusiness Markets and Trade	Purdue University	IN
375,000	Animal Health and Well-Being: Animal Health	Purdue University	IN
445,092	Global Change	Purdue University	IN
365,500	Microbial Biology: Microbial Associations with Plants	Purdue University	IN
970,300	Microbial Genomics Functional Genomics	Purdue University	IN
350,000	Plant Biology: Biochemistry	Purdue University	IN
350,000	Plant Biology: Biochemistry	Purdue University	IN
497,672	Plant Breeding and Education	Purdue University	IN
497,000	Plant Genome, Genetics and Breeding	Purdue University	IN
200,000	Sustainable Agroecosystem Science LTAP	Purdue University	IN
376,342	Agribusiness Markets and Trade	Kansas State University	KS
399,000	Microbial Biology: Microbial Associations with Plants	Kansas State University	KS
79,871	Agricultural Prosperity for Small & Medium-sized Farms	University of Kentucky Research Foundation	KY
149,707	Animal Growth and Nutrient Utilization	University of Kentucky Research Foundation	KY
200,000	Animal Health and Well-Being: Animal Health	University of Kentucky Research Foundation	KY
10,000	Arthropod and Nematode Biology and Management	University of Kentucky Research Foundation	KY
409,804	Agricultural Prosperity for Small & Medium-sized Farms	Louisiana State University	LA
498,233	Agricultural Prosperity for Small & Medium-sized Farms	Louisiana State University	LA
595,995	Air Quality	Louisiana State University	LA
390,028	Disaster Resilience for Rural Communities	Louisiana State University	LA
1,077,639	Food Safety: Epidemiological Approaches	Southern University	LA
115,184	Managed Ecosystems	Louisiana State University	LA
499,857	Plant Breeding and Education	Louisiana State University	LA
428,420	Agricultural Prosperity for Small & Medium-sized Farms	University of Massachusetts	MA
575,000	Animal Health and Well-Being: Tools and Resources	University of Massachusetts Amherst	MA
100,000	Arthropod and Nematode Biology and Management	Tufts University	MA
346,140	Bioactive Food Components for Optimal Health	Tufts University	MA

FY 2010 AFRI Awards

FY 2010 Funding Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
499,980	Bioactive Food Components for Optimal Health	Tufts University	MA
295,000	Microbial Biology: Microbial Associations with Plants	Worcester Polytechnic Institute	MA
397,000	Microbial Biology: Microbial Associations with Plants	The Broad Institute, Inc.	MA
600,000	Microbial Genomics Functional Genomics	Tufts University	MA
349,877	Plant Biology: Environmental Stress	University of Massachusetts	MA
681,145	Animal Genome, Genetics and Breeding	University of Maryland	MD
341,755	Animal Genome, Genetics and Breeding	Agricultural Research Service, USDA	MD
749,975	Animal Genome, Genetics and Breeding	Agricultural Research Service, USDA	MD
625,000	Animal Genome, Genetics and Breeding	Agricultural Research Service, USDA	MD
375,000	Animal Health and Well-Being: Animal Health	Agricultural Research Service, USDA	MD
367,238	Arthropod and Nematode Biology and Management	Agricultural Research Service, USDA	MD
635,236	Arthropod and Nematode Biology and Management	University of Maryland	MD
1,211,949	Human Nutrition and Obesity	Agricultural Research Service, USDA	MD
19,000	Plant Health and Production and Plant Products	Johns Hopkins University	MD
340,294	Agricultural Prosperity for Small & Medium-sized Farms	Fed. of Amer. Societies for Exper. Biology	MD
443,491	Animal Genome, Genetics and Breeding	Michigan State University	MI
689,921	Animal Genome, Genetics and Breeding	Michigan State University	MI
375,000	Animal Health and Well-Being: Animal Health	Michigan State University	MI
1,250,000	Applied Plant Genomics Coordinated Agric. Project	Michigan State University	MI
250,000	Bio-based Products and Bioenergy Production Research	Michigan State University	MI
50,000	Climate Change: Regional Approaches to Climate Change	Michigan Technological University	MI
125,000	Food Safety: Biological Approaches	Michigan State University	MI
475,400	Global Change	The Regents of the University of Michigan	MI
10,000	Managed Ecosystems	Michigan State University	MI
5,000	Microbial Biology: Microbial Associations with Plants	Michigan State University	MI
500,000	Plant Breeding and Education	Michigan State University	MI
597,806	Air Quality	Michigan State University	MI
399,273	Air Quality	Regents of the University of Minnesota	MN
399,995	Arthropod and Nematode Biology and Management	Mayo Clinic Rochester	MN
491,000	Biology of Weedy & Invasive Species in Agroecosystems	Regents of the University of Minnesota	MN
493,000	Biology of Weedy & Invasive Species in Agroecosystems	Regents of the University of Minnesota	MN
489,458	Global Change	Regents of the University of Minnesota	MN
459,650	Global Change	Land Stewardship Project	MN
130,000	Animal Genome, Genetics and Breeding	The Curators of the University of Missouri	MO
10,000	Animal Genome, Genetics and Breeding	The Curators of the University of Missouri	MO

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FY 2010 Funding

Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
432,171	Human Nutrition and Obesity	The Curators of the University of Missouri	MO
10,000	Plant Biology: Environmental Stress	The Curators of the University of Missouri	MO
348,889	Plant Biology: Growth and Development	Donald Danforth Plant Science Center	MO
92,950	Food Safety: Biological Approaches	Agricultural Research Service, USDA	MS
134,815	Plant Biology: Growth and Development	Mississippi State University	MS
329,928	Arthropod and Nematode Biology and Management	Montana State University	MT
199,389	Sustainable Agroecosystem Science LTAP	Montana State University	MT
286,567	Agribusiness Markets and Trade	North Carolina State University	NC
749,502	Animal Genome, Genetics and Breeding	North Carolina State University	NC
136,463	Arthropod and Nematode Biology and Management	University of North Carolina at Greensboro	NC
999,992	Bioactive Food Components for Optimal Health	North Carolina State University	NC
379,649	Disaster Resilience for Rural Communities	University of North Carolina at Chapel Hill	NC
398,874	Food Safety: Biological Approaches	North Carolina State University	NC
44,754	Managed Ecosystems	North Carolina State University	NC
454,545	Managed Ecosystems	North Carolina State University	NC
398,000	Microbial Biology: Microbial Associations with Plants	North Carolina State University	NC
349,999	Plant Biology: Growth and Development	North Carolina State University	NC
350,000	Plant Biology: Growth and Development	Wake Forest University	NC
299,542	Agribusiness Markets and Trade	Duke University	NC
10,000	Animal Reproduction	North Dakota State University	ND
1,000,000	Applied Plant Genomics Coordinated Agric. Project	North Dakota State University	ND
393,297	Water and Watersheds	North Dakota State University	ND
500,000	Interagency Metabolic Engineering	North Dakota State University	ND
621,284	Plant Biosecurity	University of Nebraska-Lincoln	NE
399,868	Disaster Resilience for Rural Communities	University of Nebraska-Lincoln	NE
399,000	Microbial Biology: Microbial Associations with Plants	University of New Hampshire	NH
125,000	Plant Biology: Growth and Development	University of New Hampshire	NH
124,989	Plant Biosecurity	Trustees of Dartmouth College	NH
149,828	Soil Processes	University of New Hampshire	NH
499,949	Agricultural Prosperity for Small and Medium-sized Farms	Rutgers, The State University of New Jersey	NJ
120,000	Arthropod & Nematode Biology and Management	Rutgers, The State University of New Jersey	NJ
363,327	Managed Ecosystems	Regents of New Mexico State University	NM
125,000	Animal Health and Well-Being: Animal Health	University of Nevada Las Vegas	NV
398,638	Arthropod & Nematode Biology and Management	University of Nevada, Reno	NV
489,760	Global Change	University of Nevada, Reno	NV

FY 2010 Funding

Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
1,100,000	Human Nutrition and Obesity	University of Nevada, Reno	NV
149,811	Managed Ecosystems	University of Nevada, Reno	NV
399,945	Water and Watersheds	University of Nevada, Reno	NV
317,388	Agribusiness Markets and Trade	Cornell University	NY
400,000	Air Quality	Clarkson University	NY
349,983	Animal Growth and Nutrient Utilization	Cornell University	NY
375,000	Animal Health and Well-Being: Animal Health	Cornell University	NY
375,000	Animal Health and Well-Being: Animal Health	Cornell University	NY
395,453	Arthropod & Nematode Biology and Management	Boyce Thompson Institute for Plant Research	NY
499,973	Biobased Products and Bioenergy Production Research	Cornell University	NY
454,000	Biology of Weedy & Invasive Species in Agroecosystems	Cornell University	NY
397,498	Food Safety: Biological Approaches	Cornell University	NY
1,497,055	Human Nutrition and Obesity	Teachers College, Columbia University	NY
499,927	Human Nutrition and Obesity	Cornell University	NY
10,000	Managed Ecosystems	Cary Institute of Ecosystem Studies	NY
399,000	Microbial Biology: Microbial Associations with Plants	Boyce Thompson Inst. for Plant Research	NY
399,000	Microbial Biology: Microbial Associations with Plants	Cornell University	NY
878,900	Microbial Biology: Microbial Associations with Plants	Cornell University	NY
349,044	Plant Biology: Growth and Development	Cornell University	NY
459,392	Plant Breeding and Education	Cornell University	NY
500,000	Plant Genome, Genetics and Breeding	Cornell University	NY
397,492	Agricultural Prosperity for Small & Medium-sized Farms	Ohio State University	OH
399,961	Air Quality	Ohio State University	OH
350,000	Animal Growth and Nutrient Utilization	Ohio State University	OH
375,000	Animal Health and Well-Being: Animal Health	Ohio State University	OH
375,000	Animal Health and Well-Being: Animal Health	Ohio State University	OH
494,000	Biology of Weedy & Invasive Species in Agroecosystems	Ohio State University	OH
91,423	Biology of Weedy & Invasive Species in Agroecosystems	Ohio State University	OH
399,924	Food Safety: Biological Approaches	Ohio State University	OH
399,790	Food Safety: Biological Approaches	Ohio State University	OH
350,000	Plant Biology: Biochemistry	Ohio State University	OH
10,000	Plant Biology: Growth and Development	Ohio State University	OH
140,034	Agribusiness Markets and Trade	Oklahoma State University	OK
125,000	Animal Growth and Nutrient Utilization	Oklahoma State University	OK
490,852	Managed Ecosystems	Oklahoma State University	OK

FY 2010 AFRI Awards

FY 2010 Funding	Awarded	Agriculture and Food Research Initiative Categories	Recipient Institution	State
	399,000	Microbial Biology: Microbial Associations with Plants	The Samuel Roberts Noble Foundation, Inc.	OK
	336,000	Plant Biology: Biochemistry	The Samuel Roberts Noble Foundation, Inc.	OK
	350,000	Plant Biology: Biochemistry	The Samuel Roberts Noble Foundation, Inc.	OK
	914,338	Plant Biosecurity	Oklahoma State University	OK
	239,415	Agribusiness Markets and Trade	Oregon State University	OR
	499,013	Biobased Products and Bioenergy Production Research	Oregon State University	OR
	125,000	Biology of Weedy & Invasive Species in Agroecosystems	Oregon State University	OR
	50,000	Climate Change: Regional Approaches to Climate Change	Oregon State University	OR
	497,677	Managed Ecosystems	Oregon State University	OR
	100,000	Managed Ecosystems	Oregon State University	OR
	303,500	Microbial Biology: Microbial Associations with Plants	Oregon State University	OR
	5,000	Microbial Biology: Microbial Associations with Plants	Oregon State University	OR
	125,000	Plant Biology: Environmental Stress	Oregon State University	OR
	350,000	Plant Biology: Environmental Stress	Oregon State University	OR
	996,112	Plant Biosecurity	Forest Service, USDA	OR
	454,545	Plant Genome, Genetics and Breeding	Agricultural Research Service, USDA	OR
	396,120	Agricultural Prosperity for Small & Medium-sized Farms	Oregon State University	OR
	450,000	Animal Genome, Genetics and Breeding	Forest Service, USDA	OR
	349,476	Animal Growth and Nutrient Utilization	University of Pennsylvania	PA
	349,992	Animal Growth and Nutrient Utilization	The Pennsylvania State University	PA
	10,000	Animal Health and Production and Animal Products	The Pennsylvania State University	PA
	397,348	Arthropod and Nematode Biology and Management	The Pennsylvania State University	PA
	365,000	Arthropod and Nematode Biology and Management	The Pennsylvania State University	PA
	99,500	Arthropod and Nematode Biology and Management: Tools, Res	The Pennsylvania State University	PA
	397,256	Food Safety: Biological Approaches	University of Pennsylvania	PA
	1,400,000	Human Nutrition and Obesity	The Pennsylvania State University	PA
	999,900	Microbial Genomics Functional Genomics	The Pennsylvania State University	PA
	10,000	Plant Biology: Environmental Stress	University of Pennsylvania	PA
	253,499	Soil Processes	University of Pennsylvania	PA
	150,000	Arthropod and Nematode Biology and Management: Tools, Res	University of Puerto Rico	PR
	360,261	Agribusiness Markets and Trade	University of Rhode Island	RI
	10,000	Animal Health and Well-Being: Tools and Resources	Gordon Research Conferences	RI
	10,000	Arthropod and Nematode Biology and Management: Tools, Res	Gordon Research Conferences	RI
	490,353	Global Change	University of Rhode Island	RI
	14,650	Plant Health and Production and plant Products	Gordon Research Conferences	RI

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FY 2010 AFRI Awards

FY 2010 Funding		Agriculture and Food Research Initiative Categories		Recipient Institution	State
Awarded					
1,000,000	Sustainable Bioenergy: Plant Feedstock Genomics			Texas A&M Research Foundation	TX
110,352	Water and Watersheds			Texas Agrilife Research	TX
599,879	Air Quality			Utah State University	UT
930,000	Animal Genome, Genetics and Breeding			Utah State University	UT
260,987	Animal Growth and Nutrient Utilization			Utah State University	UT
209,627	Agribusiness Markets and Trade			Virginia Tech University	VA
908,280	Animal Genome, Genetics and Breeding			Virginia Tech University	VA
445,395	Biobased Products and Bioenergy Production Research			Virginia Tech University	VA
500,000	Biobased Products and Bioenergy Production Research			Virginia Tech University	VA
338,541	Agricultural Prosperity for Small & Medium-sized Farms			University of Vermont	VT
360,000	Animal Health and Well-Being: Animal Health			University of Vermont	VT
396,051	Disaster Resilience for Rural Communities			University of Vermont	VT
470,894	Integrated Solutions for Animal Ag			University of Vermont	VT
278,401	Agribusiness Markets and Trade			University of Washington	WA
375,000	Animal Health and Well-Being: Animal Health			Washington State University	WA
1,000,000	Food Safety: Epidemiological Approaches			Washington State University	WA
629,106	Integrated Solutions for Animal Ag			Washington State University	WA
499,986	Managed Ecosystems			University of Washington	WA
398,000	Microbial Biology: Microbial Associations with Plants			Washington State University	WA
399,000	Microbial Biology: Microbial Associations with Plants			Washington State University	WA
350,000	Plant Biology: Biochemistry			University of Washington	WA
350,000	Plant Biology: Biochemistry			Washington State University	WA
292,806	Agribusiness Markets and Trade			University of Washington	WA
496,310	Agricultural Prosperity for Small & Medium-sized Farms			Washington State University	WA
449,747	Animal Genome, Genetics and Breeding			Washington State University	WA
442,040	Biobased Products and Bioenergy Production Research			University of Wisconsin	WI
484,378	Biobased Products and Bioenergy Production Research			University of Wisconsin	WI
393,841	Food Safety: Biological Approaches			Forest Service, USDA	WI
1,000,000	Integrated Solutions for Animal Ag			University of Wisconsin	WI
350,000	Animal Growth and Nutrient Utilization			University of Wisconsin	WI
146,757	Animal Reproduction			University of Wisconsin	WI
10,000	Animal Growth and Nutrient Utilization			University of Wisconsin	WI
50,000	Climate Change: Regional Approaches to Climate Change			West Virginia University	WV
149,946	Food Safety: Biological Approaches			West Virginia University	WV
				University of Wyoming	WY
				University of Wyoming	WY
137,098,622					

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HUMAN NUTRITION RESEARCH

We have from well over a hundred years supported human nutrition research. A lot of the identification of essential nutrients for human health has come out of research that was funded by the Department of Agriculture.

And our mission is to identify what aspects of nutrition are necessary for maintaining good health. And NIH's responsibility is to fund research that really focuses on the role of nutrition in disease.

So we have, you know, identified a very appropriate role for the research that we fund in human nutrition.

Mrs. EMERSON. Well, and I'm not—I think it refers back to what some of our land grant colleges were doing. And so we just want to be sure that they're getting their fair share.

Can you tell me currently how much of the aggregate U.S. investment in agriculture research is made by the private sector, in comparison to the public sector, both federal and state governments? And in your opinion, why is it important to make sure the federal investment in Ag research, particularly competitively-awarded research, is strong?

You know, why don't we rely exclusively on the private sector?

PRIVATE SECTOR VERSUS PUBLIC SECTOR RESEARCH FUNDING

Dr. WOTEKI. Yeah.

Well, the private sector does fund over half of the food and agriculture research. The best figures that I have are from 2006, when the Economic Research Service did an in-depth analysis of private sector food and agriculture research and government research. And at that time, the private sector's contribution was about \$6.8 billion, the Federal contribution was about \$3 billion, and the states' \$1.3 billion.

Mrs. EMERSON. Okay. Thank you.

Mr. KINGSTON. Mr. Bishop.

Mr. BISHOP. Thank you very much.

To follow up on the line of questioning from Mrs. Emerson, isn't it true that quite often the Federal Government partners with the private sector, where specifically identified needs are ascertained with regard to research?

The research may be too expensive for the private sector to do it alone, and try to look after their bottom line.

And it also is driven by identified needs that the private sector has, in terms of better food and nutrition products, for example.

And so there's a combination of both that, in working together. For example, the peanut industry works very closely with various land grant universities, Baylor University, even on the issue of nutrition and obesity. The Peanut Institute has worked very closely for a number of years with Baylor University on obesity research, which has been very, very promising.

I was going to ask you about your proposal, which includes \$7.5 million of research on nutrition and health, which includes obesity.

And of course, obesity is one of the number one health threats, that triggers a plethora of diseases, including diabetes, heart, kidney, and other diseases; but can be prevented with proper nutrition and a healthy lifestyle.

Can you share with us whether ARS is involved with the First Lady's initiative on obesity? And are there other government initiatives in this area? And what impacts will the reductions that were contained in HR 1 have on the agency's obesity research?

Because our kids are growing too fat to fight. And that's becoming a national security issue. And of course, the Department of Agriculture has always, in fact, started the school lunch program, to make sure that our youngsters would be fit to fight, if necessary.

HUMAN NUTRITION RESEARCH

Dr. WOTEKI. Well, I think you've asked two different lines of questions.

With respect to the work that's being done by the Agricultural Research Service, and the Let's Move campaign of the First Lady, there's a lot of research that's done, that supports not only the understanding what the nutrient requirements are for children during growth, but also that supports the dietary guidelines for Americans, which is the best synthesis that we have of the research that's supported, not only by USDA agencies, but also by the National Institutes of Health.

The increase that is requested in the President's budget for ARS in human nutrition is specifically to identify what the barriers are for the public in achieving those dietary guidelines.

So that is, I think, going to provide us with a lot of insight, so we're going to help the First Lady and the Let's Move campaign to be more effective in helping parents in managing the nutrition of their children, as well as the activity levels, so that they maintain a health-supporting diet, and a healthful weight.

So the budget request does specifically include that in it.

EARMARKS

Mr. BISHOP. Thank you very much for that answer.

I'm very, very frustrated by the loss of earmarks, because a number of rural communities, 1890's, 1860 land grant universities have historically continued the valuable research with the use of earmarks. And Mr. Farr pointed out that it will eliminate quite a bit.

And I'm looking at the research now with competitive grants, which is going to place the 1890s at a very, very competitive disadvantage, because they have been historically underfunded over the years.

And we've just gotten to the point, through earmarks and through some cooperation, that has allowed them to start participating.

Now with the cutback and going to the competitiveness, you're going to undo what was a process to remedy the effects of past discrimination.

So I'm very concerned with that. And I'm hoping that you can, through USDA's leadership, offer some kind of incentives for the major 1860s and 1890s to work together cooperatively on some of the research projects that are funded, and that you'd look favorably on that.

Mr. KINGSTON. And the gentleman's time has expired. So you'll need to respond in writing, or on the next round.

Mrs. Lummis.

BRUCELLOSIS RESEARCH

Mrs. . Thank you, Mr. Chairman. The gentleman just teed up my remark. So thank you.

My question is about Brucellosis funding. You know, I'm from Wyoming. And APHIS recently implemented this interim rule on Brucellosis regulations. So it's refocusing Agency researchers to the area of prevention and control of the disease in the Greater Yellowstone area.

Now I did a little stint on the GYIBC, the Greater Yellowstone Interagency Brucellosis Committee, representing my state, Wyoming. And we knew 15 years ago, when I was on the GYIBC, how to control and manage its temporal and spacial separation of bison and elk from cattle.

But the real issue that we need is an effective vaccine. Because we all vaccinate our heifers for Brucellosis. But it's not an efficacious vaccine, especially when it comes to the transmission from elk and bison to cattle.

So we need a better vaccine.

What authority do you need from Congress to expand the efforts to get a better vaccine? What are you doing now to develop a better vaccine?

And then I want to follow up with a question about the formula funding versus the competitive grants that follow on the line of questioning of the gentleman.

Dr. WOTEKI. Well, with respect to the formula, and the earlier question, we have taken steps in our budget proposal to essentially protect the 1890s colleges and the 1994s—the tribal colleges.

So the formula allocation to those entities remains flat constant. And in the case of the tribal colleges, there's a slight uptick. Because we recognize that they're very important. I could just say parenthetically that actually the 1890s have been competing very well within AFRI.

To the question of Brucellosis in the development of an effective vaccine, the Ag Research Service has worked many, many years with APHIS on research on Brucellosis for the purpose of developing a more effective vaccine.

And I'd like Dr. Knipling to comment on that work.

Dr. KNIPLING. Yes. Brucellosis, as you've already acknowledged, is a very old but still very important continuing problem.

The vaccine development actually goes back more than 15 years, probably 25. It's very effective on cattle.

Mrs. LUMMIS. Mm-hmm.

Dr. KNIPLING. It's called RB51, as you may know.

Mrs. LUMMIS. Yes.

Dr. KNIPLING. Very effective on cattle. But the challenge is the wildlife interface with bison and elk.

Mrs. LUMMIS. Yes.

Dr. KNIPLING. It is also effective on bison. But the delivery problem is difficult. It actually takes two inoculations for bison, even if we could effectively deliver it.

It is not effective on elk.

Mrs. LUMMIS. Right.

Dr. KNIPLING. They have a different immunology system.

But anyway, we do have a continuing research program to support the cattle and swine industry, also the wildlife interface, and of course, technical support for APHIS.

This work is carried out at Ames, Iowa, at the National Animal Disease Center, where we're investing about \$3.5 million per year. It is focused on understanding the interaction of the vaccine with the immunology of the wildlife species.

ANIMAL HEALTH AND DISEASE RESEARCH PROGRAM

Mrs. LUMMIS. Thanks, Dr. Knipling. A followup question. Do you expect if funding goes for the Animal Health and Disease Research program, and becomes competitive versus formula-funded, do you think it will go under an existing account in NIFA? And would Brucellosis vaccine research be eligible to compete for grants under that account?

Dr. WOTEKI. Perhaps I could answer that.

Mrs. LUMMIS. Thank you.

Dr. WOTEKI. Yes, the Animal Health and Disease Research is a candidate for funding in the competitive grants program. And just to illustrate that it is included already in AFRI, this week, there is a request for applications that has been announced from NIFA. And within that, Brucellosis research towards improved vaccines is included.

Mrs. LUMMIS. Okay. Great. Well, we've noticed that a lot of these grants have been awarded for dairy cow diseases, like tuberculosis and mastitis and pneumonia.

Dr. WOTEKI. Mm-hmm.

Mrs. LUMMIS. But this remains a huge problem in the Rocky Mountain area. So thank you, Mr. Chairman.

Mr. KINGSTON. Thank you.

Mr. Nunnelee.

Mr. NUNNELEE. No questions.

Mr. KINGSTON. Mr. Farr.

FORMULA FUNDING ALLOCATION

Mr. FARR. Let me get back to—I really want to know if we're shaping some new policy. I mean, the formula grants, the responsibility for your department is—well, it's essentially research. Right?

Dr. WOTEKI. Research, education, economics, yes.

Mr. FARR. So I guess the question really goes down to: What is the value of the formula of funding in today's competitive world?

Because the formula funding essentially gets 20 percent to each state, equally. Not less than 52 percent of the states as follows: One-half in the amount proportionate to the relative rural population of each state, to the total rural population of all states; and one-half in the amount proportionate to the relative farm population of each state, and to the total farm population of all states;

Not less than 25 percent for multi-state, multi-disciplinary, multi-institutional research activities to solve problems concerning more than one state; and three percent for the administration of the Act.

I mean, I'm not going—but it's not based on what's the fire that needs to be put out today?

Dr. WOTEKI. From a national perspective? That may not be the case. But from the state perspective, the formula—and again, I’m speaking as a former dean, as well as an administrator of formula funds now in my present capacity.

Mr. FARR. What state were you a dean in?

Dr. WOTEKI. In Iowa.

Mr. FARR. Iowa? Okay.

Dr. WOTEKI. And——

Mr. FARR. Third largest Ag production state in the country.

Dr. WOTEKI. Right. And so the formula funds played a very important role in providing the infrastructure for the research that we did, that was very specific to the needs of farmers in Iowa.

The additional requirement that you mentioned that related to multi-state research, was actually very important in bringing together the land-grant universities not only in a specific region, but also across the country, to address some common problems.

So dairy science, for example. A lot of research that supports finding solutions for the dairy industry is not so site-specific. But under that requirement for the formula, it has encouraged the dairy science departments in the land grant colleges to work collaboratively.

Mr. FARR. So for the infrastructure to be maintained, which is important for academic reasons, then you need to have some of this grant money.

But on the other hand, I mean, I’m from California, I’m not from Iowa. California produces three times more agriculture than Iowa. We produce twice as much as the number two state, called Texas.

And yet in the formula funding, Iowa gets more money than California. So I see where you would be very supportive of formula funding.

But from a fairness standpoint and from a critical issue on productive agriculture, why should it be that way? Why should we grandfather in a formula?

I mean, first of all, we’ve taken away our only flexible tool, which is earmarks. And I’m a big defender of earmarks. I tell people, “If you don’t like earmarks, the next time you write a check, just leave it blank. Put the money in, sign the bottom, and send the check in.” They’ll figure out how to cash it.

“Well, I can’t do that. I don’t trust where it will go to.” I said, “Well, that’s what earmarks are. We put the name on the check.”

So and I’m trying to find out if we follow through, and we’re not going to have any more earmarks, then all this committee is going to do is be able to decide how much money we put into the formula account, and how much money we put in the competitive grant account.

And I think we’re in a lot of hurt, if we don’t figure out how to do this a little bit more relevant to modern times.

Mr. KINGSTON. The gentleman has 30 seconds, if you want to respond in that time.

Dr. WOTEKI. I think it was a rhetorical——

Mr. KINGSTON. Oh, it wasn’t rhetorical. But it was a statement.

Mr. FARR. Well, I’m interested in finding the intellect that’s going to come out of the USDA on these challenges. I’m asking this big——

Dr. WOTEKI. And as I've said earlier, the formula funds provide a very valuable infrastructure within states, that allows them——

Mr. FARR. But are they fair?

Dr. WOTEKI. They have——

Mr. FARR. Is it fair that Iowa gets more money than California?

Mr. LATHAM. Yes.

[Laughter.]

Dr. WOTEKI. I would very politely like to point out that the formula is actually determined in our legislation. So it's not an issue that I can opine on at this point; but we would certainly like to look forward to a dialogue about the future funding of agricultural science.

Mr. FARR. There's no Harkin in that formula?

Mr. KINGSTON. The gentleman's time is expired. But on that line of questioning, I would like you to submit for the record how some of these institutions which did not get a reduction, how they are contributing to the research?

I'd like to know if this is a political decision not to reduce certain funding flows, or if it's a scientific decision. And it looks to me that it could be political.

[The information from USDA follows:]

Examples of Research Contributions of the 1994 and 1890 Land-Grant Institutions

1994 Institutions

Salish Kootenai College, the University of Montana, the Confederated Salish and Kootenai Tribes, and Montana State University-Center for Invasive Plant Management are partnering to conduct an integrated research, education, and extension project to develop a spatial model that will help predict the biological potential of flowering rush in Flathead Lake. Flowering rush is an invasive aquatic plant. The goal is to reduce the spread of flowering rush. NIFA funded Salish Kootenai College and the University of Montana have created a spatial model of the potential range of infestation of Flathead Lake. This model is being used to predict the amount of lakeshore that will be infested along with the soil and depth profiles to use on other lakes and rivers in the area. Moreover, the spatial model is being used to inform policy makers of the extent of infestation that can be used. A DVD on flowering rush has been distributed to managers in the Columbia River Basin and field identification for irrigation personnel has been implemented.

The Missouri River bottomlands were flooded on the Fort Berthold reservation by a large reservoir in 1952. The harvesting and utilization of the traditional Juneberries for cultural uses and nutritional benefits have been largely unavailable since. A NIFA funded research at Fort Berthold Community College is determining the best method(s) to reestablish and make Juneberries readily available for all members of the Three Affiliated Tribes. This will make possible again the utilization of this native fruit plant with all its cultural, educational, and nutritional applications. The project will also provide much needed scientific data on Juneberry production on the Northern Great Plains. Results are also indicating the feasibility of commercial applications for Juneberry production on the Northern Great Plains. Cost-benefit data collected on various propagation techniques. All methods except seeds were determined to be excessive for implementation due to cost or equipment requirements except seeds. Propagation from seeds was preliminarily selected as best propagation technique for the current project and for wide usage by local producers.

NIFA funded research at Fort Peck Community College is assessing the agronomic potential of oilseed production on the Fort Peck Indian Reservation; identifying alternative small, medium and large scale oil crushing and biodiesel technologies feasible for on-farm and producer cooperative production of bio-energy; identifying relevant federal and state tax credit and other programs available to producers of biomass energy; developing a financial analysis software package for evaluating the potential financial impact of on-farm and producer cooperative oil crushing and biodiesel operations; assessing local and regional markets for biodiesel and crushed oil and evaluate market access issues; and providing outreach educational programs and materials to agricultural producers and other entrepreneurs on the Fort Peck Reservation.

NIFA funded research at Turtle Mountain Community College is determining the seasonal abundance and population cycles of mosquitoes capable of transmitting West Nile virus on their reservation. They also are determining the percentage of mosquitoes on their reservation that have West Nile virus. In the study no virus was detected in any of the mosquitoes assayed. Baseline data for mosquito population densities, species composition and virus incidence was established. These data will influence West Nile Virus surveillance and control decisions by public health decision-makers at the

tribal, state and federal level. All of the students hired at Turtle Mountain Community College for this project were Native American, thus increasing the diversity of students receiving scientific experience and training in agricultural science techniques.

1890 Institutions

A NIFA funded study in Virginia found that the fatty acid composition of the grape, apple, and tomato pomace was similar to previous studies of respective oil and flour extracts. Virginia State University researchers found that grape pomace extract had the highest antioxidant activities in all tests followed by the apple pomace and tomato pomace. Anti-proliferation effects against certain types of human colon cancer cells and human liver cancer cells were significant and correlated to antioxidant activities. Grape pomace extract had the strongest anti-proliferation effects followed by apple pomace and tomato pomace. The results from this study suggest possible food applications for grape pomace in health promotion and disease prevention through improving human nutrition.

Lincoln University of Missouri supports educating stakeholders and target audiences about the relationship between soils and soil properties to reduce greenhouse gas emissions. Numerous workshops and presentations were given to help educate the target audience. Tests were conducted to evaluate in situ phosphate treatment of contaminated soils. Samples were taken from abandoned mines and one stream for further analysis to help determine level of contamination and impacts to ground water. The results produced a better understanding of the relationship between soil properties and greenhouse gas emissions. The target audience has been informed about these environmental issues and the complex interaction between natural ecosystems and human practices, as well as advised on better management practices and conservation practices.

NIFA funded researchers at multiple universities in Alabama, including Alabama A&M University and Tuskegee University, recognize that bioenergy is a new area of research, and much knowledge still needs to be not only learned but disseminated to the scientific community to help promulgate more research. In 2009, over 50 publications were generated to help close this knowledge gap. The publications show that there is a promising trend in bioenergy research and development but that the actual application of bioenergy awaits economic testing.

New knowledge on vineyards, value-added products, and small fruit management by Florida A&M University (FAMU) is being shared with stakeholders. New gene discoveries are facilitating the breeding program at the Center. This has resulted in greater public awareness of Florida grapes, wines and non-traditional small fruits and increased the sale of Florida wines. It has also generated greater graduate student interest in viticulture and small fruit research and established FAMU as the leader in warm climate grape (muscadine and Florida bunch hybrid) research.

Scientists at Lincoln University in Missouri have created several novel bluegill crosses with considerable variation in terms of their performance. Data indicates that higher protein and lipid feeds resulted in greater growth and fillet yields in bluegill sunfish. The higher cost (Higher protein, higher lipid) feeds appear to produce a lower cost of fish produced per pound of feed.

I wanted to ask Dr. Smith a question. You've researched the various agriculture programs, correct?

Dr. SMITH. Yes.

Mr. KINGSTON. And would that be crop programs included?

Dr. SMITH. Yes, sir. We're looking across the board at marketing programs, programs that support production, and conservation programs. Yeah, the whole gamut.

FARM PROGRAMS

Mr. KINGSTON. As we go into Farm Bill, it would be very helpful for us to know how you rate certain programs. Because often, our testimony comes from people who are the users of it, who think it works great.

And you know, there's nothing remarkable about free money. It always works for the recipient.

Dr. SMITH. Mm-hmm.

Mr. KINGSTON. And that's how often programs are presented to us. "Oh, this is a really good program."

Farm programs particularly, do some come to your mind that are probably marginal and some are great?

Dr. SMITH. I'm not prepared to rate them right now. But what we do attempt to do is look at variations on a theme. What are different alternative ways of achieving a particular goal?

Mr. KINGSTON. Mm-hmm.

Dr. SMITH. And provide information on effectiveness and cost for a variety of options, and let the raters——

Mr. KINGSTON. Well, you would look at, say, the Peanut Program or the Dairy Program. Correct?

Dr. SMITH. Correct.

Mr. KINGSTON. And you would be in a position to say, "Some of this is great, some of this is not so great"?

Dr. SMITH. We can talk in terms of the consequences of the program. Whether they're good or bad I think is in the judgment of the person who's——

Mr. KINGSTON. Well, for the dollar spent and the dollar returned, and whatever impact, I think that would be very important.

What do you think of the Market Access Program?

Dr. SMITH. I don't have an opinion on the Market——

Mr. KINGSTON. It does come under you, though, right?

Dr. SMITH. No. I mean, it doesn't come under——

Mr. KINGSTON. That's not one you look at?

Dr. SMITH. Actually, I believe we do look at that, yes.

Mr. KINGSTON. I don't expect a specific answer right now. But I think if you could submit something to the record, and help us make some determinations.

Also CRP comes under you?

Dr. SMITH. Well, it's an FSA program, but yes, we do examine——

PROGRAM ASSESSMENT RATING TOOL

Mr. KINGSTON. I think we would be interested in looking at some of this.

You know, there's something, and I can't remember what it's called——somebody might know—that rates government agencies——

it's like BEST? Or the PERC Program? Or something like that? PARK, PARK. You're familiar with PARK?

Dr. SMITH. No. No, sir.

Mr. KINGSTON. What does PARK stand for? I can't remember.

Dr. SMITH. Oh, PART, oh, yes. Yes, I am familiar with—

Mr. KINGSTON. I don't know why when I say "K," you know, I mean a T. But do you have a PART-type rating that—

Dr. SMITH. No, typically the agencies that conduct the programs do their own assessment of performance and results. But we are likely informing their assessment through the work we do on the implications of different alternatives.

But I can certainly provide for the record—

[The information follows:]

ERS research on farm programs can show the economic implications of alternative ways of achieving a policy goal. For example, conservation programs such as the Conservation Research Program (CRP), Wetland Reserve Program and the Environmental Quality Incentives Program (EQIP) produce a variety of environmental benefits—they reduce cropland erosion—leaving our air and waters cleaner and soils healthier. While these non-market environmental impacts are difficult to monetize, we estimate that reductions in soil erosion by the CRP are provide more than \$380 million in water quality benefits, \$68 million in air quality benefits, and \$120 million in soil productivity benefits, annually. The CRP's annual wildlife-related benefits exceed \$720 million. ERS would be happy to provide you and your staff with a briefing on questions concerning the economic evaluation of USDA programs.

Mr. KINGSTON. Is there an assessment of these programs in terms of dollars spent, which ones are good and which ones aren't so good?

Dr. SMITH. Not in terms of good and bad. But—

Mr. KINGSTON. Can you help us get to where we need to be?

Dr. SMITH. Yes. Yes.

Mr. KINGSTON. Because really when we go into the farm programs and all these things are under scrutiny, some of them do work better than others. And I think if you can help shed some light on that, it would be enormously helpful for this committee, because every time we go to the House floor, there is somebody who wants to eliminate a program, and then suddenly we're in this position of trying to defend something that, you know, we weren't ready for that debate.

Now I know this isn't a program, but the WTO found the USA in violation for subsidizing cotton. And part of the settlement was \$147 million a year to Brazil. And if not, they would have slapped on over \$800 million in tariffs to us.

But one of the critics of the program on the House floor said, "Okay, I understand this now. What we're doing is we're bribing the farmers in Brazil, in order to continue subsidizing farmers in America."

And those of us, trying to defend the expenditure, we're kind of out there on a limb—you know, somebody has a little clever slogan like that, and we get caught off base.

And so it would be very helpful, before this bill goes to the floor, to have some of your ideas, and know what we should fight for and what we should not fight for.

Dr. SMITH. Well, I appreciate the opportunity to inform the whole Farm Bill process, with respect to programs. And we'll do whatever we can to do that. And I invite you and members to request

through the USDA any particular kinds of programs on which you have economic questions.

Mr. KINGSTON. Well, thank you. Mr. Latham. Or Mrs. Emerson? No, it is Latham, excuse me. It's going by looks. No, I'm going to go by subsidies, and you go first. By research dollars, Mr. Latham is granted one hour.

[Laughter.]

Mr. LATHAM. Mr. Farr, you're welcome to move to Iowa. That's fine. But—

Mr. FARR. Without subsidies?

Mr. LATHAM. Sure.

Mr. FARR. It wouldn't be a state.

Mr. LATHAM. What else could I have done this morning?

Something, anyway.

Mr. KINGSTON. Would it be a good time to talk ethanol? I don't know.

ANTIBIOTIC USE AND PATHOGEN RESISTANCE

Mr. LATHAM. Okay. Just for the gentlewoman from Wyoming. There is elimination of university funding for animal disease. And it's a small amount, but you do get some funding at the University of Wyoming that's into their budget proposal, which should be eliminated.

But the big issue in livestock production, mostly with hogs, is the use of antibiotics as far as keeping animals healthy, and so we have safe, healthy animal food and have a healthy food supply.

And the Department, I think is you're asking for \$10 million increase for food safety research. Some of this money is to be used to address and evaluate alternatives to antibiotics in food animals.

I don't know who wants this, whether it's ARS or as far as what the intent is, what are the priorities, what are you trying to find out?

Whoever wants it.

Dr. WOTEKI. So the Department does participate and our research agencies do participate with the National Institutes of Health, Centers for Disease Control, Food and Drug Administration, in a taskforce that is focused on appropriate antibiotic use, both in animal as well as in human health.

And I'd like to ask Dr. Knipling to address the specific role that ARS has in this.

Mr. LATHAM. Good. And give the purpose of the research. Are you trying to eliminate antibiotics? Or what are you charged with?

Dr. KNIPLING. Okay.

Yes. Of course, antibiotics, as you say, are used to prevent infectious diseases, or prevent pathogens that would cause food safety concerns. And of course, the issue is the fairly widespread use of this is then leading to resistance of these pathogens, which also then have implications for human health.

So that's the basic issue.

We have dual approaches. Actually the USDA is participating with CDC and APHIS, and even the private sector, to actually monitor this activity, particularly in swine.

This work is really centered at Athens, Georgia. But it certainly has national application.

But in terms of the proposed budget enhancement that's in the fiscal year 2012 budget—to look at alternatives—and it basically would focus not only on the monitoring of the trends, but also to support some of the more traditional food safety prevention technologies, the animal health infectious disease prevention technology, so that the antibiotics would not have to be used to the extent they are now.

Mr. LATHAM. And are you taking into consideration I guess the economics, but also the fact as far as having a safe food supply, of allowing animals to get sick, and then treating them? Or is there an equation that says: Having healthy animals to begin with is going to be much better as far as safe food supply for humans, rather than to wait until they get sick and then really load them up?

Dr. KNIPLING. Yes. Very much so. The focus would be on prevention or avoidance of the problem in the first place. Other forms of nutrition supplements, probiotics, and so forth would be another approach to the alternatives to the antibiotics themselves.

By all means, the approach is on prevention and avoidance.

Mr. LATHAM. So when will we have results? When will we know if there is an equation or a comparison? Or what the benefit is?

Dr. KNIPLING. Well, the monitoring that's been underway for some time, already there are significant results coming out of that work. And we could provide some of that information.

Mr. LATHAM. Okay.

Dr. KNIPLING. It does suggest that yes, in some cases, there are problems and concerns. But also that data shows that this is not as severe an issue as it might be otherwise portrayed.

In terms of—

Mr. LATHAM. Do you want to say that again? Would you repeat that again, that this is—

Dr. KNIPLING. Yeah. Some of that data and trends show that the resistance is not developing to the extent as otherwise might be portrayed. In other instances, yes.

It depends on the antibiotics themselves, the type, and the animal and the whole combination of factors.

In terms of the new initiative, of course, any new research initiative is a fairly long-term investment. So we won't suggest instant gratification. But it's important to invest in this line of work—

Mr. LATHAM. We don't get much of that around here anyway, so—

Mr. KINGSTON. Mr. Bishop.

Mr. LATHAM. If I can, I am going to have to leave. I am going to be submitting questions for the record.

Thank you, Mr. Chairman.

Mr. KINGSTON. Do you yield your time to Mr. Farr permanently? [Laughter.]

Mr. LATHAM. Not the money.

Mr. KINGSTON. Mr. Bishop.

BUDGET CUTS AND PRIORITIES

Mr. BISHOP. Thank you very much.

I note that the Research Education and Extension Programs are funded at a total of \$2.274 billion in the proposed budget for fiscal

year 2012, which is \$472 million less than fiscal year 2010 or 16.6 percent less. H.R. 1 reduces the research area by a total of \$415 million. The President's budget reduces ARS in 2012 by \$113 million or 9 percent; the Institute of Food and Agriculture by \$141 million or 10 percent; and ERS gets a bump up by about \$4 million, approximately 5 percent.

Do you really think that you will be able to do what is necessary to keep the United States on the cutting edge of producing the highest quality, the safest and most abundant food and fiber and fuel now in the industrialized world, and the most economical, if you have the cutbacks, if as we go into the farm bill the Economic Research Service has not had the adequate funding to inform us for the policy decisions that we have to make going forward to make sure that we are competitive in the global marketplace, given the WTO and given all of the other restraints we have in supporting our research as compared to our competitors?

Do you really feel like you have what you need, or are you really restrained by having to just cut back because you have a mandate to cut the budget?

I mean are we cutting back essential research as opposed to just optional varieties of research that we really do not need to do to remain competitive?

Dr. WOTEKI. Congressman Bishop, we recognize that we are being asked to contribute to helping with the deficit as well as with the debt. In putting together this budget we have identified the areas that we believe are of the highest priority to keep American agriculture competitive and to meet the needs of farmers, as well as consumers, in the United States.

So we have proposed shifting some funds into these higher priority areas, and we at the same time, as we have been talking earlier through this hearing, have proposed one of the ways to make some savings is to eliminate earmarks that are currently in the budget for this mission area.

So that is the approach that we have taken, and we, like other research agencies, are being called on to make some very hard decisions about what our priorities are.

EARMARKS

Mr. BISHOP. Well, the truth of the matter is that what we are doing is rather than having congressionally directed funding, we are now having agency directed funding because the agency will decide what the earmarks are, as opposed to the Members of Congress.

And I feel Mr. Farr's pain, and perhaps you are not quite as sensitive to that pain being from Iowa, but that is where—

Mr. KINGSTON. If the gentleman will yield.

Mr. BISHOP. I will be glad to yield to the Chairman.

Mr. KINGSTON. It may be of interest to the people on our side of the aisle that the administration may make some decisions that tilt blue State politics rather than red State politics, and I do not know that people have quite grasped that as much.

Mr. BISHOP. Reclaiming my time, I thank you.

I also am sensitive to the fact that much of the policy on agriculture is driven by the politics of the region as opposed the red/

blue States. The southeastern region has peculiar needs and difficulties with the portfolio of crops that are grown there, which are quite different from the Midwest and the West. Of course, the earmark process allows the Members of Congress who come from those areas that have unique needs to address those, when those are the major policy makers on the executive branch side may or may not be sensitive or even knowledgeable of the peculiar needs of the particular region's agriculture.

And that troubles me very much with regard to the research funding and the other funding.

Dr. WOTEKI. Congressman, in developing the priorities that informed our budget, we have done a lot of consultation. The agencies that are represented in front of you meet frequently with the different commodity organizations. They hold listening sessions where they bring together from across the country representatives of not only the farmers groups, but also the industries that are part of the wonderful agricultural economy that we have in this country.

So the planning that went into these budget priorities was informed by a lot of consultation with stakeholders.

Mr. KINGSTON. The gentleman's time has expired.

Mrs. Emerson.

HEALTHY FOOD FINANCING INITIATIVE

Mrs. EMERSON. Thanks, Mr. Chairman.

Dr. Smith, my question goes to you with regard to the Healthy Food Financing Initiative. And as one who has a very rural district that would have any number of what you would consider to be food deserts, this is very much of interest to me.

But I am a little confused. So perhaps you can clarify things. Your all's budget included a request for \$2 million for ERS to support the initiative, and I think in your testimony you state that the additional funding would be used to gather and analyze data about communities and help answer questions about how the development of local food sources would affect food choice and diet, quality, et cetera, and that would then supplement the information that you already have on the Food Environment Atlas, which has 168, yes, indicators of communities' food environment.

So this information is being gathered to technically support the initiative for which the administration requested \$400 million last year, of which \$50 million more or less goes to the USDA, \$275 to the Treasury Department, and the rest to HHS.

So since you did not get the money or no monies were spent at least on Healthy Food Initiative, I was worried that you all had, in fact, spent money on something and now you are gathering information after you have already spent money. So explain to me how this is going.

Because there was a request last year, but this year you are requesting money for more research, I suppose. Why would you ask for money for something or why would the department ask for money for something if you did not have the information or data necessary to implement a policy?

Dr. SMITH. What we are doing is working closely with the Department of the Treasury and HHS to use the knowledge we have about the food environment to develop metrics, indicators that

could be used to judge the success of a healthy food financing initiative or any other initiative to improve food access within a region.

Mrs. EMERSON. So the research that you would do would be not only for USDA, but for Treasury and HHS at the same time.

Dr. SMITH. Yes, we are working collaboratively.

Mrs. EMERSON. Okay. And after looking through all of the criteria or the different indicators, if you will, is it possible that at any point in time anyone in administration at the university—it does not matter who it is—could actually have so much data available that they can manipulate it to produce any results they want?

Dr. SMITH. I would find that unlikely that the data could be manipulated. They are public data. They are all well grounded. If individuals went to pick and choose indicators, I suppose that could present a different picture than picking other indicators.

But they are all there to inform local governments, county governments, and sub-county areas actually about the state of their area.

FOOD DESERTS

Mrs. EMERSON. So with all of the indicators that you have, 168, do you know how many counties do not show some indication of being in a food desert?

Dr. SMITH. I am sure I could get you that information. I do not know that off the top of my head though.

[The information follows:]

Eight of the 168 indicators in the Food Environment Atlas are measures of grocery store access and proximity. These indicators—which are from the ERS food desert report to Congress—provide count and percentage numbers of the households in a county that live more than a mile from a supermarket or large grocery store (for urban areas and urban clusters) or more than 10 miles from a grocery store (for rural areas) and do not own a car.

Based on these indicators, USDA estimates that there are 6,500 census tracts that are food deserts—low-income census tracts where a substantial share of residents has low access to a supermarket or large grocery store. There are 1,851 counties in the U.S. that contain at least one of these food desert census tracts, so 1,290 counties (41.1 percent of all U.S. counties) do not have at least one food desert census tract.

Mrs. EMERSON. Okay. I would appreciate it because, I mean, you have got a million ideas, some of which are important. I mean, I would grant you that, but it is interesting that only one among the 168 indicators indicates persistent poverty counties, and I have 14 of those out of 28 in my district, and I would think that that would be far, far bigger, should carry much more weight, I guess, than some of the things that you have already got on here, like the number of fast food restaurants and/or full service restaurants.

Dr. SMITH. We also have employment rates and other indicators of the health of the area.

Mrs. EMERSON. But if a county is a persistent poverty county—

Dr. SMITH. It is a big deal.

Mrs. EMERSON [continuing]. Then to me that is an indicator in and of itself.

Dr. SMITH. Agreed.

Mrs. EMERSON. All right. I would like to get some more information if you would not mind.

And, Mr. Chairman, I have other questions to submit for the record.

Mr. KINGSTON. Okay. Thank you.

Mrs. Lummis.

Mrs. LUMMIS. Thank you, Mr. Chairman.

DUPLICATION OF STATISTICAL DATA COLLECTIONS

I am concerned about the duplication of statistical collections. Is the National Agricultural Statistics Service the exclusive data collection agency for USDA, or does the Risk Management Agency collect data, or the Farm Service Agency? Do they collect data independently?

Dr. CLARK. Those agencies that you mentioned collect information as part of program participation. Our data is collected to provide statistical information, and we use their data to the extent that it is possible in producing estimates and forecasts.

Much of our data is produced as forecasts, which is ahead of the time in which the program participation data is available.

Mrs. LUMMIS. So are you suggesting there is really no overlap?

Dr. CLARK. Not in terms of the data that is used for producing statistics between those agencies that you have mentioned.

Mrs. LUMMIS. Okay. Are there terms where there is overlap?

Dr. CLARK. We are working very closely to use their data to the extent possible to minimize the respondent burden on our respondents, the farm operators and producers, so that we do not have to ask questions and ask for information that we can get from alternative sources.

Mrs. LUMMIS. Good, good. That is good to hear.

HEALTHY FOOD FINANCING INITIATIVE

Now, switching to this Healthy Food Financing Initiative, the administration has proposed an over \$400 million initiative, and we have been talking about this, and it looks like you are planning the research to justify the initiative after it is already begun. So my question is: why weren't these studies conducted beforehand?

Dr. SMITH. Well, some studies were conducted beforehand that did inform that. For example, the Economic Research Service did the first study of and made a definition for areas with low food access, food deserts. So that was done prior to this.

And what we are doing now is linking food access in food deserts and elsewhere with health and nutrition of the people in those areas.

AGRICULTURE AND FOOD RESEARCH INITIATIVE

Mrs. LUMMIS. One more question now going back to this competitive funding versus formula funding. Fiscal year 2012 budget, that proposes funding of \$325 million for AFRI. So that is a 24 percent increase of \$62 million. How much of the increase in the AFRI Initiative can be attributed to the transfer of funding from other budget lines, and how much will go to increase the number of AFRI awards?

Dr. WOTEKI. Would you like to address that, Dr. Beachy?

Dr. BEACHY. Thanks. It is a good question.

In fact, much of the increase, if you look at the higher education, the graduate fellowships and institution challenge grants are up in AFRI so that they can enhance and will grow our education portfolio. So there are roll-ups of several programs like that to put them in a competitive end or a competitive initiative.

It will result in additional grant awards, of course, as the amount of funding in that category goes up.

Mrs. LUMMIS. And do we know how much of the increase in the AFRI Initiative is attributed to the transfer of funding.

Dr. BEACHY. Well, there is some roll-up that came from the consolidation of some of the formula funds—I mean, I am sorry, some of the earmarked funds—so that we could initiate new programs in AFRI.

Mrs. LUMMIS. When you use the term “earmark funds,” is that synonymous with formula funds?

Dr. BEACHY. No.

Mrs. LUMMIS. Okay.

Dr. BEACHY. There are some authorities that are designated in what is called Section 406 authorities. These are sections in water quality, food safety and pest management, and so some of those have also been rolled up into AFRI and then will be awarded through the AFRI Programs as designations in those topic areas or will be covered in those topic areas.

Mrs. LUMMIS. And what was the goal of rolling them together?

Dr. BEACHY. To simplify the process of management. We know that these are very important programs because stakeholders have told us that, and so we know we want to maintain them. Each of these grant awards requires a management by an individual. They cost money; they cost management fees, and by combining them, it gives better management oversight, but it gives also a greater opportunity in the competitive process, as Congressman Farr mentioned, as a way to select the awardees and then make those grants available.

Mrs. LUMMIS. Okay. Thank you, Dr. Beachy.

WORLD HUNGER

Mr. KINGSTON. Dr. Clark, I want to ask you a question that you may be able to answer or you might be able to point me in the right direction. You did some international work in the U.K., and so you have a good background on this. I was wondering if there is any information on food supply in a country and the form of government in the country, hunger versus form of government.

Is there anything like that out there that you know of or can you point me in the right direction?

Dr. CLARK. If there were, it probably would be available through the Food and Agriculture Organization that is part of the U.N. I do not know specifically of information on that, but there is currently a United Nations initiative to improve statistics, agriculture and rural statistics throughout the world, and they are trying to get comparable data. It is more extensive than what you would consider production agriculture, but it is extending into other data items.

But I do not recognize that hunger was one of the data items that is being looked at. The World Bank also would have information.

ARS LOCATION CLOSURES

Mr. KINGSTON. Okay. Dr. Woteki, you have a number of lab and facility closures listed. Can you put a dollar amount on those, the total, and tell us what your timeframe is?

Dr. WOTEKI. Yes, Mr. Chairman. Those are all within the Agricultural Research Service, and I would like to ask Dr. Knipling to provide that information.

Dr. KNIPLING. The program reduction—it is ten locations and entire programs—totals \$38 million in terms of their annual budget.

Mr. KINGSTON. And will they be closed this year? Because some of these like have been out there.

Dr. KNIPLING. Yes, of course, they are proposed for—

Mr. KINGSTON. They look like trial balloons more than definite decisions.

Dr. KNIPLING. No, they are intended to be definite proposals. Of course, if those are concurred with in the budget process, we would then implement or initiate the closure of those in fiscal year 2012 in terms of stopping and terminating the program.

The actual disposal of the real property is a fairly lengthy process and would probably take at least a year to actually do that, but in terms of the staffing and the research activity underway, we would stop that on October 1st, at the beginning of the fiscal year.

HEALTHY FOOD FINANCING INITIATIVE

Mr. KINGSTON. Okay. Dr. Woteki, let me ask you this. In terms of some of this research question that I asked earlier and the answer being that it took 10 to 15 years to get the results from it, which I certainly understand, but how is it when it comes to healthy food we could develop metrics in a year's period of time?

Dr. WOTEKI. I think the Healthy Food Financing Initiative is actually taking advantage of research that has been going on for a number of years to identify what are the indicators of need. So it is essentially drawing on the past experience and research findings to develop metrics.

Mr. KINGSTON. But you would have that also on research dollars. Because you have a snapshot and then you have a moving picture, a developing picture, if you will, and it seems odd to me that you can say, okay, this is what is going on with Healthy Food Initiatives right now, but on agriculture it is a little bit more nebulous, that, well, it is developing; it is a work in progress.

EVALUATING RESEARCH PROGRAMS

Dr. WOTEKI. Well, we actually do use a variety of different measures to evaluate our research programs, and we would be happy to share those metrics with you.

We also are very actively engaged with other science agencies within the Federal Government in trying to identify what are the metrics that have a good evidence base that indicate that they really are good at evaluating scientific research programs.

So it is actually a field of inquiry in and of itself. What are the best ways to evaluate research programs?
[The information follows:]

REE agencies have established a review process for assessing the relevance, quality and performance of a series of discrete portfolios of work that are defined by their contribution to strategic objectives under the USDA, REE and agency strategic plans. The reviews, conducted by expert, external panels, use dimensions such as: scope of work, significance of findings, productivity, timeliness, and completeness, to determine the extent to which a research portfolio is meeting the criteria of relevance, quality and performance set forth by the Office of Science and Technology Policy. A primary performance measure of the portfolio review is an assessment score. The results of these panel reviews are used in program planning, management, and budget development. Other approaches the mission area uses for assessing its research programs include:

- quantitative targets or metrics in annual performance plans to evaluate agency performance; and,
- formal solicitations of feedback on performance from the internal and external customers serve.

The assessments are designed to provide information on both program output and program outcomes. The results of the assessments have been valuable to the mission area agencies, not only to learn how the agencies have performed in the past but also how they can improve their performance moving forward.

The REE mission area portfolio is also informed by an annual review by the National Agricultural Research, Extension, Education, and Economics (NAREEE) Advisory Board, REE's advisory committee. As required by statute, the Board conducts the portfolio review with regard to its relevance to priorities and adequacy of funding and considering funding allocation across research programs, as well as needed increases. The recommendations from the Board's review provide valuable input to the REE mission area and agencies.

The continued quality, relevance and performance of REE's research have been borne out in the value of return on investment of this work. The Nation's agricultural research system, including Federal-State public research (as well as private-sector research), has been a key driver of the U.S. agricultural sector's sustained growth. Studies conducted by USDA as well as academic economists have found strong and consistent evidence that investment in public agricultural research has yielded high returns per dollar spent. While studies using different methods and coverage give a range of estimates of returns to agricultural research, there is a consensus that the payoff from the government's investment in agricultural research has been high - the U.S. economy gains as much as \$20 from every \$1 invested in public agricultural research and development. Studies have found that these research investments raise farm productivity, which benefits not only the farm sector but also to the food industry and consumers in the form of more abundant commodities at lower prices.

RESEARCH FUNDING MECHANISMS

Mr. KINGSTON. And I think we are all interested in this because with the earmark and the formula versus competitive, I think all of this is going to be extremely important to us.

I am going to give you an example. Under the Hatch Act, scientists in North Dakota have developed three barley cultivars and have recommended for malting and brewing by the American Malt and Barley Association, and I was wondering if that would come close to corporate welfare in your opinion because it is for a specific group, the American Malt and Barley Association. I assume these are beer creator of some sort.

Dr. WOTEKI. But the research actually goes to support the farmers who are the ones who are producing the barley that will then feed into the industry. There are a lot of areas in which we do provide research. I think Dr. Beachy earlier in responding to one of the questions talked about the competitive grants program that is in support of wheat and other grains.

So there is a lot that we support that—

Mr. KINGSTON. Well, it resulted in more money for farmers. I understand that, but that is still corporate welfare. I mean, farmers are making money from it. It specifically benefitted a small group of farmers and specifically benefitted a particular industry association, as opposed to the general application of, well, we all are better off from that.

Dr. WOTEKI. As I testified earlier, a lot of the research that we support is in the what we call pre-competitive area. It is in research that the farmer organizations are not able to fund because it is a relatively small group, and that also though is over the long term a public good, and it is what has provided for incredible increases in agricultural productivity across the board, many, many different crops, some of them big ones, some of them small ones, and it has had a benefit, as well, for the American consumer.

You know, the food prices that we pay are actually at this point less than 10 percent of income. So it is an incredible amount of food security that we have in this country that is largely a result of this investment in agriculture research.

Mr. KINGSTON. My time has expired, and I thank you.

Mr. Farr.

AGRICULTURAL OUTPUT VS. RESEARCH FUNDING

Mr. FARR. I want to ask Dr. Clark, who is the scorekeeper here, of agriculture receipts, where does the State of Georgia rank?

Dr. CLARK. Oh, I will probably have to ask. It is around tenth I would guess, but I can get back to you on the actual place where it ranks.

Mr. FARR. What about the State of Ohio?

Dr. CLARK. I do not know those rankings off my head. I can get that information for you.

Mr. FARR. Do you know in Pennsylvania?

Dr. CLARK. No.

Mr. FARR. Well, I Googled it. So I am at an advantage.

[Laughter.]

Mr. FARR. You are pretty good. Georgia is 12th, not 10th.

Dr. CLARK. Okay. Tenth was not too bad then.

Mr. FARR. But number 28 is New York. Number 32 is Tennessee. Number 22 is Michigan. Number 20 is Pennsylvania, and number 17 is Ohio, all of them way behind Georgia.

Dr. CLARK. Right.

Mr. FARR. And all of them get a lot more formula money than Georgia gets.

Dr. CLARK. I do not allocate formula money. That is totally out of my—

Mr. FARR. Well, shouldn't formula money be related to agricultural output?

Dr. CLARK. That is probably a question for my colleagues here.

Mr. FARR. Where does California rank?

Dr. CLARK. Oh, I think it is either 1 or 2.

Mr. FARR. It is number 1. Do you know how many crops California produces?

Dr. CLARK. A huge number.

Mr. FARR. You do not have a number?

Dr. CLARK. I do not; 100 and something.

Mr. FARR. You have got to get a better scorekeeper.

Dr. CLARK. Maybe so.

Mr. FARR. do you know how many crops Texas produces?

Dr. CLARK. Less than California.

Mr. FARR. Far less, and yet Texas gets a lot more money.

The point is if you go through these rankings of states by agricultural output, by diversity of crop, then you go through the formula funding; it does not match.

That is the whole point of this last hour or so. If we are left with only 2 choices of how we are going to fund agricultural research, formula and competitive grant, it is interesting because the states that actually are big production states do much better in the competitive grant category.

So I would be moving more of my—if I was administering this and trying to bank it; the trouble is this formula, Mr. Chairman. These formulas were written back in the last century.

Mr. KINGSTON. If the gentleman will yield, I am wondering if this comes to Dr. Smith's category. Do you have some thoughts on that because you evaluate these things.

Dr. SMITH. What I was just writing down was it would be interesting to look at how the allocation among states would change given different criteria for judging that, just for information.

Mr. KINGSTON. That would be helpful.

Mr. FARR. But see, I think if you were going to write a new farm bill, and that is where they authorize these formulas, then obviously those who have got some are going to be there to protect it. But if we are going to go into a new era of essentially disbursing Federal tax dollars for the purposes which you are in charge of, it seems to me that we want to argue some equity that ought to be related to need, to need of this country to remain in a competitive global climate.

ARS LOCATION CLOSURES

I think you answered the question, but I have another one. In your testimony you said that you have reductions and terminations

totaling over \$100 million in funding and 182 staff-years. It includes terminations in research projects at dozens of locations across the country and wholesale closure of 10 research universities.

We never approved those things when they came before in the past, but this year we are facing a different situation and a great deal of uncertainty. How do you determine those termination? Do you have a plan for it? Is it orderly? what goes first? How long would it take to close them? Is there funding asked for for the closing process?

Dr. WOTEKI. Mr. Farr, those relate to the Agricultural Research Service, and there is a very rigorous set of criteria that were used to identify which programs were going to be stopped and which facilities would be closed.

And as to the process that would be used, I would like to ask Dr. Knipling to describe what ARS will have to do.

Dr. KNIPLING. Yes, as I mentioned earlier in response to another question, the annual savings from the research program itself is an aggregate of \$38 million. Once we start to implement the closure, we encounter two types of expenses. One is the disposition of the real property, and then the other is relocation of personnel or severance of personnel. In each case, that would take the better part of a year, and we estimate that those costs would be on the order of about \$25 million in that first year.

And, no, we are not requesting funding for that. That would be a cost that we would have to absorb elsewhere throughout the agency.

About half of those costs are personnel relocation or severance costs, and about half of it is disposition of the real property.

ARS FACILITIES STUDY

Mr. FARR. How long is it going to take you to do your study on facilities, the needed facilities to be expanded or new ones to be built?

Dr. KNIPLING. That is underway now. We would hope to have a product by the end of this fiscal year, calendar year for sure.

We did request in the fiscal year 2011 budget funding to support that as an external professional outside study. Those monies not forthcoming, we are initiating that with in-house resources, personnel and staff. So that is, in part, underway already.

Mr. FARR. So you would expect that the decisions made after you have made this priority list, that you would have recommendations to Congress for appropriations when, next year? The next fiscal year? The next President's budget?

Dr. KNIPLING. Yes, we would assume for the fiscal year 2013 budget that the results of that study would be available. As to how that would actually translate into funding proposals, we do not know yet, but we would have the agency-wide assessment of our entire portfolio of facilities, over 100 different locations and, of course, multiple facilities at many of those locations.

Mr. FARR. Could you share with us? I do not have to do it here on the time of the Committee, but I would like to see the criteria you are using and how you will be making your judgments.

Dr. KNIPLING. Yes. We have outlined an approach and criteria, and of course, in simple terms, it would be both a facility assessment in terms of condition of the facility, as well as linked to the program priority not only now, but for the investment for the future, what programs those facilities would provide the capacity to undertake on a sustained basis

Mr. FARR. Yes, I would be really keen on that because I have an interest in a joint facility with FDA and maybe Homeland Security.

Dr. KNIPLING. Yes.

Mr. FARR. All right. Well, I have no other questions, Mr. Chairman. I thought this was a very good hearing.

I think it opens up more questions than we got answers for, but so is this entire fiscal process we are going through. So you have a big burden on writing your bill.

Mr. KINGSTON. We will get there.

Dr. Woteki and members of the panel, thank you for being here, and this meeting stands adjourned.

Questions Submitted by Mr. Kingston

Research, Education, and Economics Mission Area

METHYL BROMIDE TRANSITION

Mr. Kingston: Please provide a summary of all USDA research and extension activities related to methyl bromide transition, including the participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) Methyl Bromide Alternatives National Program encompasses research to determine alternatives to this pesticide. For Fiscal Years 2009-2011, ARS research has addressed: 1.) Effective methyl bromide alternatives demonstrated in production of raspberry nursery stock; 2.) Integration of alternative fumigants with improved plastic mulches for replacement of methyl bromide in strawberry production; 3.) GPS-controlled shank injection system for spot fumigation in orchards; 4.) Methyl bromide alternatives for cut flower and bulb production; 5.) Low permeable films that reduce fumigant emissions; 6.) Novel red flour beetle trap developed; 7.) Monitoring stored-product insect populations in food processing facilities; 8.) Ultra-low oxygen treatment for postharvest control of western flower thrips on lettuce; 9.) Pure phosphine fumigation at low temperature for control of western flower thrips on lettuce, broccoli, asparagus, and strawberries; and 10.) Quarantine strategies to control Hessian fly in exported hay developed. Fiscal year 2012 plans for ARS methyl bromide research include continuation of all aspects of the base research program, with the exception of the postharvest research at Weslaco, Texas; the Administration's proposed fiscal year 2012 budget would terminate this project.

The National Institute of Food and Agriculture (NIFA) funded grants related to methyl bromide transition support activities that include the integrated commercial or field scale research that targets short- to medium-term solutions that will develop new alternatives, result in registration and adoption of new alternatives, and/or minimize methyl bromide emissions. Examples of the types of recipients of NIFA funding for methyl bromide transition include land-grant institutions and public and private universities and colleges. The FY 2012 budget proposes to eliminate the separate Integrated Activities Methyl Bromide Transition Program.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$19,497,000	\$19,756,000	\$19,756,000	\$17,870,000
NIFA	\$3,304,000	\$3,628,000	\$3,628,000	\$545,000
Total	\$22,801,000	\$23,384,000	\$23,384,000	\$18,415,000

ORGANIC AGRICULTURE

Mr. Kingston: Please provide a summary of all USDA research and extension activities related to organic agriculture, including the participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) fiscal year 2010 expenditures for research that directly addressed organic needs was \$17.2 million and the portion of that which was used for research conducted under organic production conditions on farms was \$9.4 million. This research was conducted at more than 20 ARS locations across the U.S. ARS organic research emphasizes whole-system preventative solutions, rather than one-for-one substitution of conventional production materials and practices with organic ones. ARS provides significant information resources through the National Agricultural Library (NAL). The largest of those resources is the Alternative Farming Systems Information Center (AFSIC). The President's fiscal year 2012 proposed budget includes additional closures that will reduce organic research expenditures from current levels.

The Economic Research Service (ERS) conducts research on the practices, challenges, production risks and adoption of organic farming systems in the U.S. ERS research has also examined the implications of structural and policy changes in organic product markets, how organic producers have responded to the changes, and how consumer interests are being reflected in producer decisions. ERS continued to provide statistical report and analysis on certified organic acreage and livestock, by state and by commodity. ERS also helped NASS develop and launch USDA's first nationwide Census survey of organic producers. During Fiscal Year 2012, ERS research will continue to examine the implications of structural and policy changes in product markets, explore how producers have responded to the changes, gauge the influence of consumer interests on producer decisions, and provide statistical reporting on organic agriculture. Agricultural Resources Management Survey data will also be used to incorporate the practices used in organic systems into an online database of the practices used in conventional production systems in the U.S. ERS research in Fiscal Year 2012 will also include further examination of differences in farm production costs of organic and conventional production systems for major agricultural products and the price premiums needed to make organic systems competitive with conventional systems.

In 2009, the National Agricultural Statistic Service (NASS) conducted the 2008 Organic Production Survey, released in 2010. The 2008 Farm Bill provided \$1 million in funding for this survey. An appropriation in the 2010 budget of \$250,000 funded analysis and publication of the survey results. In addition to appropriated funds, NASS is receiving funding from USDA's Risk Management Agency (RMA) to conduct an Organic Prices pilot survey. Data will be collected in FY 2012. The goal of the pilot is to publish organic prices for all commodities and, when applicable, organic prices for both fresh and processed grapes and apples. NASS is utilizing its survey base funding of \$250,000 to enhance data quality and publish results from the RMA survey effort.

The National Institute of Food and Agriculture (NIFA) funded grants related to organic agriculture support activities that include the development and implementation of research, extension, and higher education programs to improve the competitiveness of organic livestock and crop producers, as well as those who are adopting organic practices. Other activities enhance the ability of producers and processors who have already adopted organic standards to grow and market high quality organic agricultural products. Examples of the types of recipients of NIFA funding for organic agriculture include land-grant institutions and public and private universities and colleges. The budget continues funding for the

Organic Transitions Program under the Integrated Activities program authorities.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$56,898,000	\$58,186,000	\$58,186,000	\$45,873,000
ERS	\$1,114,000	\$1,638,000	\$1,638,000	\$1,638,000
NASS	\$1,000,000	\$250,000	\$250,000	\$250,000
NIFA	\$40,359,000	\$45,517,000	\$45,105,000	\$45,868,000
Total	\$99,371,000	\$105,591,000	\$105,179,000	\$93,629,000

SUSTAINABLE AGRICULTURE

Mr. Kingston: Please provide a summary of all USDA research and extension activities related to sustainable agriculture, including the participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: For Fiscal Years 2009-2011, the Agricultural Research Service (ARS) projects contributing to long-term agricultural sustainability use an interdisciplinary systems research approach to bring together the diverse expertise needed to understand how different kinds and sizes of farms function, and how changing or introducing new technology will affect their economic and environmental sustainability. Some of the research projects address challenges in agricultural systems dominated by the commodities including corn, soybean, cotton, peanut, cereal grains, and turf and herbage seed crops. Other projects are focused on solving problems related to the production of high-value specialty crop and value-added organic agricultural products, the integration of specialized crop and livestock enterprises, and diversified agroforestry systems. Additionally, there is research to develop and apply technologies such as models and decision support tools that can be used to understand and increase production system economic and environmental sustainability.

The Economic Research Service (ERS) has a program on agricultural production systems. All systems examined, from organic to biotechnology-driven, are assessed in terms of their sustainability as well as other features and outcomes. ERS collected comprehensive databases on agricultural production systems, including the adoption of key production practices and technologies. The survey instruments were part of the commodity versions of the Agricultural Resource Management Survey (ARMS). Information collected included the extent of adoption of practices (e.g., conservation tillage, nutrient management, pest management, irrigation management, precision technology, etc), operator characteristics, economic returns, cost of production, and input use. Data on production systems for wheat producers was collected in 2009 and for corn producers in 2010; barley and sorghum data will be collected in 2011. A special survey effort was made to oversample organic producers during 2009-2010. As a first step, ERS published annual estimates of U.S. certified crop acreage and livestock, by State and by commodity. This initial effort was helpful for developing a list frame to oversample organic producers through the 2009 and 2010 ARMS/organic surveys.

In 2009, ERS conducted a survey on organic wheat producers. In 2010, ERS conducted two ARMS surveys - one for organic dairy producers and another for organic corn producers. Information from the ARMS/organic surveys help to compute cost-of-production estimates for organic farms and facilitate

research on comparing conventional and organic production systems. In Fiscal Year 2012 researchers will use this data to analyze producer decisions about conservation program participation, technology adoption, and the response to energy price and weather shocks. An on-going program of analysis will examine the status, trends and economics of organic production relative to conventional production practices. Furthermore, ERS plans to collect data on soybean production systems through the ARMS in 2012.

The National Institute of Food and Agriculture (NIFA) funded grants related to sustainable agriculture support activities that include systems research and farmer/rancher projects that improve soil quality and carbon sequestration, save energy, and mitigate climate change. Extension activities emphasize training on crop and livestock management to improve soil quality and carbon sequestration, save energy, and mitigate climate change, as well as marketing innovations that enhance profitability, such as local and regional food systems. Integrated activities focus on a Federal-State matching grant program to assist in the creation or enhancement of State sustainable agriculture research, extension, and education programs. Examples of the types of recipients of NIFA funding for sustainable agriculture include land-grant institutions and public and private universities and colleges.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$488,640,000	\$511,129,000	\$511,129,000	\$491,652,000
ERS	\$1,865,000	\$1,903,000	\$1,903,000	\$1,903,000
NIFA	\$188,290,000	\$195,867,000	\$195,867,000	\$190,508,000
Total	\$678,795,000	\$708,899,000	\$708,899,000	\$684,063,000

WHEAT STEM RUST

Mr. Kingston: Please provide a summary of all USDA research and extension activities related to wheat stem rust/Ug99, including the participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) research on Ug99 focuses on the goals of the USDA Ug99 Action Plan for the United States: 1.) Cereal stem rust assessment and pathology; 2.) Detection and identification; 3.) Monitoring and reporting; 4.) Germplasm enhancement, gene discovery, and development of molecular markers; 5.) Regional variety development, evaluation, and implementation; 6.) Disease management; and 6.) Communication and outreach. The proposed implementation plan for fiscal year 2012 contains funding for the following additional research for ARS Ug99 research: 1.) breeding and genetic solutions; 2.) durable resistance and nutritional value; and 3.) breeding tools and genotyping.

The National Institute of Food and Agriculture (NIFA) funded grants aim to eradicate wheat stem rust/Ug99. An example is the WheatCAP project which features a molecular markers database which helps accelerate the development of wheat varieties with multiple disease resistance genes and improved quality. Recipients include land-grant colleges and universities.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$1,500,000	\$3,071,000	\$3,071,000	\$3,446,000
NIFA	\$3,314,000	\$3,340,000	\$3,000,000	\$3,000,000
Total	\$4,814,000	\$6,411,000	\$6,071,000	\$6,446,000

CORN ETHANOL

Mr. Kingston: Please provide a summary of all USDA research and extension research related to corn ethanol, including the participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) research activities related to corn ethanol involves four projects that benefit the corn ethanol industry. At Wyndmoor, Pennsylvania, ARS is developing technologies for the production of new, high-value co-products for corn ethanol plants. An ARS project at Brookings, South Dakota, focuses on research to increase the value of distillers grains and reduce the economic risks of corn ethanol production. Collaborators include South Dakota State University, National Corn to Ethanol Research Center, Northern Illinois University and the Northern Crops Institute. Funding is provided through a congressionally designated project, consequently the fiscal year 2012 budget request proposes to discontinue this project. A project to develop genomic tools that will assist corn plant breeders is being conducted at ARS laboratories in Ames, Iowa, and Raleigh, North Carolina, in collaboration with about 20 universities, 35 industrial partners and other ARS laboratories. Another project conducted in partnership with the National Corn to Ethanol Research Center (NCERC) of Southern Illinois University, Edwardsville, Illinois, involves pilot scale research and validation of ARS-developed technologies for corn ethanol biorefining. Funding for this project is also provided through a congressionally designated project proposed for termination in the fiscal year 2012 budget request.

The Economic Research Service (ERS) conducts research to evaluate the impact of an array of policy measures that influence the magnitude, source, and composition of U.S. biofuel corn ethanol production, ethanol imports and exports. ERS conducted research on the land allocation implications of expanding corn ethanol production in the United States and sugar-cane ethanol in Brazil and quantified these effects at the global level for 2015. ERS research addressed how crop and livestock sectors respond to increased demand for corn ethanol and the implications of these regional adjustments on input use, water quality, and soil erosion. Corn usage for ethanol helps to drive long-term forecasts of crop prices, returns to livestock production, agricultural trade, and budget expenditures. This research has addressed acreage shifts needed to accommodate higher corn use for ethanol, and the effects on domestic feed use and corn exports. Research on the influence of rising commodity prices on the Conservation Reserve Program examined the impacts on the composition and environmental attributes of CRP acreage from price changes due to increasing biofuels production. During Fiscal Year 2012, ERS research will examine how crop and livestock sectors respond to increased demand for corn ethanol and the implications of these regional adjustments on input use, water quality, and soil erosion; federal policy mechanisms that could be applied to enhance production incentives, redistribute impacts among agricultural sectors, and limit adverse environmental outcomes; and the

national, regional, farm household economic impacts of corn ethanol production.

In FY 2012, the National Agricultural Statistics Survey's (NASS) role involving corn ethanol will be to conduct a Distillers Grains Survey. Distillers grain is a major by-product of corn ethanol. The revenue generated by sale of the distillers grain is an important factor in the economic viability of ethanol production. The goal of the survey is to measure livestock and poultry producers' use of distiller's co-products and to publish data by state and species where possible but regional and US level for all species. Data collection will take place in early 2012 and will be conducted in 48 states.

The National Institute of Food and Agriculture (NIFA) funded grants related to corn ethanol support activities that include developing processes to transition from a fossil fuel to a biobased economy. Also activities that investigate the effects of ethanol on the environment and on rural economies will be supported. Some discussions have focused on the sustainability of corn ethanol refining systems, and the production and use of corn byproducts. Examples of the types of recipients of NIFA funding for corn ethanol includes land-grant institutions and public and private universities and colleges.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$2,452,000	\$1,961,000	\$ 1,961,000	\$351,000
ERS	\$744,240	\$759,429	\$759,429	\$256,733
NIFA	\$190,000	\$83,000	\$83,000	\$79,000
Total	\$3,386,240	\$2,803,429	\$2,803,429	\$686,733

HUMAN NUTRITION

Mr. Kingston: Please provide a summary of all USDA research and extension activities related to human nutrition, including the participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) conducts research in a network of six human nutrition centers, the first of which was established more than 110 years ago. Nutritional value of food has been a priority of USDA since its founding and many of the methods of modern nutrition research can be traced to USDA work, including establishing requirements for many nutrients and the caloric value of foods, and the *Dietary Guidelines for Americans*, a joint effort of USDA and HHS that is updated every five years and forms the basis for Federal nutrition policy, affecting USDA expenditures on school lunch; Women, Infants, and Children (WIC); the Supplemental Nutrition Assistance Program; and other USDA-funded food and nutrition programs. ARS human nutrition research plans for FY 2012 include: 1) Evaluating factors affecting adherence to the *Dietary Guidelines for Americans* (DGA) to determine the most useful means for increasing conformity to these healthful guidelines by people of varying ages, ethnic groups, and rural/urban locales. The DGA are the U.S. food policy that undergirds all Federal food and nutrition assistance programs; 2) Determining the actual nutrient requirements of children rather than relying upon the current flawed approach of extrapolating from adult values; 3) Identifying genetic variations that alter human responses to diet and physical activity interventions for use in personalizing human obesity and disease prevention

strategies; 4) Investigating the specific human health promoting benefits of whole grains and specialty crops (such as fruits, vegetables, and nuts) recommended in the *Dietary Guidelines for Americans*, and determining the dietary amounts needed to provide those health benefits; and 5) Enhancing the capacity of Nutrition.gov, the number one nutrition web site in Google searches, by developing new modules to support "Let's Move" and other initiatives related to the prevention of childhood obesity.

The Economic Research Service (ERS) conducts research on the economic, regulatory, programmatic, and market forces influencing consumer food choices and the effect of these choices on nutritional, obesity, and health outcomes. ERS has allocated resources to nutrition research in three areas: 1.) ERS researchers conducted a wide range of economic analyses and anticipatory research on food policy issues impacting food choice and human nutrition; 2.) To better understand the complex determinants of food choices, ERS supported its research program with investments in data on food purchases, food program participation, food prices, nutrition knowledge, and consumer psychology; and 3.) Extramural research, drawing upon the multidisciplinary expertise of outside researchers and the resources of numerous institutions and universities across the country, has recently focused on food assistance and children (2009); the "built environment" and behavioral economics (2010); and food assistance and the recession (2011). ERS extramural grant recipients include land grant institutions, public and private universities and colleges, and policy research organizations. For Fiscal Year 2012, ERS plans to continue ongoing research in these high-priority areas, including analysis of how food choices and health outcomes are related to USDA food assistance programs and community characteristics, determinants of food insecurity among the disabled, healthful eating choices for those living in food deserts, consumer demand for fruits and vegetables purchased through local food or direct marketing outlets, and analysis of the prices of healthful foods. Two proposed initiatives for 2012 will expand and support understanding of the food assistance and nutrition safety net and household access to healthful foods. The Administrative Data Pilot will provide information to support better and more efficient targeting of USDA program delivery for low income households by revealing the roles played by different programs in providing support. The Community Access initiative will provide unique nationally representative data to test hypotheses about how the food environment and USDA food assistance programs shape food purchases by low income households.

The National Institute of Food and Agriculture (NIFA) funded grants related to human nutrition support activities that include projects that focus on children ages 2-14 to: 1.) identify the behavioral factors that influence obesity; 2.) develop valid behavioral and environmental instruments that measure progress in obesity prevention efforts; and 3.) fund nutrition research that leads to the development and evaluation of effective programs to prevent obesity. Examples of the types of recipients of NIFA funding for human nutrition include land-grant institutions and public and private universities and colleges.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$85,309,000	\$89,734,000	\$89,734,000	\$89,139,000
ERS	\$15,475,000	\$15,874,000	\$15,874,000	\$16,494,000
NIFA	\$115,597,000	\$123,914,000	\$127,414,000	\$129,898,000
Total	\$216,381,000	\$229,522,000	\$233,022,000	\$235,531,000

FOOD SAFETY

Mr. Kingston: Please provide a summary of all USDA research and extension activities related to food safety, including participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) conducts food safety research in over 10 ARS research centers and covers various foodborne pathogens and foodborne contaminants, including chemicals, parasites, and toxins in both the pre-harvest and post-harvest areas. ARS food safety research seeks ways to assess, control or eliminate potentially harmful food contaminants, including both introduced and naturally occurring pathogenic bacteria, viruses and parasites, toxins and non-biological-based chemical contaminants, mycotoxins and plant toxins. ARS conducts basic, applied, and developmental research resulting in new technologies, new and improved management practices, pest management strategies, sustainable production systems, and methods of controlling potential contaminants. In FY 2012, ARS research will: 1) Conduct research on emerging chemical threat agents (also referred to as "Non-traditional Chemical Agents" or NTAs) and their possible use in food; 2) Develop sensitive and specific detection and sensing technologies for pathogens, toxins, and chemical contaminants that can be used at the earliest possible stage in the food safety continuum; 3) Develop and evaluate alternatives to antibiotics such as pre-/pro-biotics, vaccines, and immune modulating products, natural products, and control/management strategies in food animals; and 4) Conduct environmental and field studies to better understand risk factors, such as the environment (water, soil), animal contact (both food animal production and wildlife), human factors, and farm equipment in the prevalence and transfer of foodborne pathogens.

During Fiscal Years 2009-2011, the Economic Research Service (ERS) conducted research estimating the costs and benefits of improved food safety, identifying the incentives for food safety in the marketplace, and analyzing risk management strategies and constraints in different food supply chains, including international trade. For Fiscal Year 2012, ERS plans to continue and expand research in these high-priority areas, including 1.) expected impacts of new food safety legislation on the farm and food sector; 2.) economic trade-offs for reducing sub-therapeutic antibiotic use in farm animals; and 3.) inter-agency collaborations to better understand and prioritize food safety risks and interventions. ERS extramural grant recipients include land grant institutions.

The National Institute of Food and Agriculture (NIFA) funded grants related to food safety to support activities that include projects to improve the safety of the U.S. food supply through new and improved rapid detection methods, pre- and post-harvest epidemiological studies, and improved food harvesting and processing technologies. Efforts in critical environmental and ecological research to understand disease-causing microorganisms and of naturally occurring contaminants in meats, poultry, seafood, and fresh fruits and vegetables are supported as well. Examples of the types of recipients of NIFA funding for food safety include land-grant institutions and public and private universities and colleges.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$105,695,000	\$107,597,000	\$107,597,000	\$114,245,000
ERS	\$1,250,000	\$1,470,000	\$1,470,000	\$1,770,000
NIFA	\$27,071,000	\$43,096,000	\$43,096,000	\$36,739,000
Total	\$134,016,000	\$152,163,000	\$152,163,000	\$152,754,000

INTEGRATED PEST MANAGEMENT

Mr. Kingston: Please provide a summary of all USDA research and extension activities related to integrated pest management, including participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) supports the Department's Integrated Pest Management (IPM) goals and other IPM needs. ARS currently conducts more than 144 IPM research projects at 56 locations that are focused on minimizing pesticide inputs through the development of classical and augmentation biological control, cultural control, host-plant resistance, behavior modifying chemicals (e.g., pheromone mating disruptors and attracticides), sterile insect release techniques, resistance management, cultural and mechanical practices, improved pesticide application technologies, and other related pest control tactics. Target pests include a multitude of insects, mites, and ticks; plant pathogens and nematodes; and weeds. In addition, ARS funds the Area-wide Pest Management Program, which supports 5 to 10 multi-year IPM projects to facilitate the implementation and adoption of ARS-developed IPM technologies to control or suppress agricultural pests over multi-state or multi-regional areas through partnerships with growers, commodity groups, and State institutions, Federal and State agencies, and the private sector.

For Fiscal Years 2009-2011, the Economic Research Service (ERS) has conducted research to examine the determinants and value to U.S. soybean producers in managing Asian soybean rust outbreaks. In 2012, ERS plans to update the ERS webpage on pest management practices to reflect recent Agricultural Resource Management Survey (ARMS) and NASS Agricultural Chemical Use surveys.

The National Agricultural Statistic Survey (NASS) has partnered with ERS to collect integrated pest management practices in the Fall of each year. There is an established crop rotation and the crops for the requested years are as follows: 2009 - Winter Wheat, Durum Wheat, Spring Wheat, Organic Wheat; 2010 - Corn, Organic Corn, Potatoes, Cotton; 2011 - Winter Wheat, Durum Wheat, Spring Wheat, Soybeans, Sorghum and Barley; 2012 - Corn, Cotton, Potatoes, Soybeans.

The National Institute of Food and Agriculture (NIFA) funded grants related to integrated pest management support research, education, and extension activities that promote pest management in general, and reduced risk pest management in particular. The agency's pest management programs are implemented through working partnerships with scientists in our nation's colleges and universities, other federal agencies and the private sector. Examples of the types of recipients of NIFA funding for Integrated Pest Management includes land-grant institutions and public and private universities and colleges.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$42,508,000	\$44,184,000	\$44,184,000	\$39,382,000
ERS	\$13,308	\$13,579	\$13,579	\$13,579
NIFA	\$29,294,000	\$29,527,000	\$26,967,000	\$19,095,000
Total	\$42,521,308	\$44,197,579	\$44,197,579	\$39,395,579

COLONY COLLAPSE DISORDER

Mr. Kingston: Please provide a summary of all USDA research and extension activities related to Colony Collapse Disorder, including participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) has assumed a leadership role in the effort to address Colony Collapse Disorder (CCD) and advance the goals set forth in the CCD Action Plan (http://www.ars.usda.gov/is/br/ccd/ccd_actionplan.pdf). ARS has implemented an aggressive research program over a wide area of the United States that promises to help demonstrate and validate a combination of technologies to produce strong bee colonies capable of withstanding stresses associated with colony collapse disorder (CCD). This program focuses on the use of resistant bees, management of varroa mites with bee-friendly miticides, and supplemental protein and sugar feeding of bees to sustain overwintering populations and build up populations in the early spring. In fiscal years 2009-2010, ARS worked with industry to respond to the Federal plan to address CCD. The June 2010 CCD Progress Report to Congress details CCD accomplishments of all Federal agencies and cooperating universities. <http://www.ars.usda.gov/is/br/ccd/ccdprogressreport2010.pdf>. In fiscal year 2012 and beyond, ARS research will have a primary focus on recognizing that varroa mites, nosema, other diseases, poor nutrition and transportation may contribute to susceptibility to CCD. In addition, ARS will use its expertise in bee breeding and genomics of bees and viruses to work with collaborators to discover and control the cause of CCD. CCD also emphasizes the need for continued research on non-honey bee pollinators.

During Fiscal Years 2009 and 2010, the Economic Research Service (ERS) participated in the USDA pollinators committee and cooperative research agreements with North Carolina State and Montana State Universities to address the economic effects on honey and pollination markets. ERS does not anticipate research related to Colony Collapse Disorder for Fiscal Year 2012.

The National Institute of Food and Agriculture (NIFA) funded grants related to Colony Collapse Disorder (CCD) to develop strategies to respond to CCD. Some of the strategies may include surveying and collecting data; analyzing samples to determine the prevalence of various pests and pathogens, exposure to pesticides, or other unusual factors; conducting controlled experiments to analyze the potential causes of CCD; and developing new methods to improve the general health of bees to reduce their susceptibility to CCD and other disorders. Examples of the types of recipients of funding for colony collapse disorder include land-grant institutions and public and private universities and colleges.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$8,290,000	\$10,000,000	\$10,000,000	\$10,000,000
ERS	\$44,839	\$18,815	\$18,815	\$0
NIFA	\$2,877,000	\$2,916,000	\$2,916,000	\$2,895,000
Total	\$11,211,839	\$12,934,815	\$12,934,815	\$12,895,000

ASIAN LONG-HORNED BEETLE

Mr. Kingston: Please provide a summary of all USDA research and extension activities related to the Asian Long-Horned Beetle, including participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) activities related to Asian Long-Horned Beetle include participation in a large multi-State, agency, and country (Canada and Italy) project. ARS researchers are developing ways to predict the spread of Asian long-horned beetle (ALB), which will help APHIS establish its survey and treatment boundaries. This builds on the ARS model for predicting when ALB adults will emerge, and the comprehensive field guide for survey and early detection of the beetles to which ARS contributed ("Detecting Signs and Symptoms of Asian Longhorned Beetle Injury: A Training Guide"). Together with training, use of the guide has enhanced early detection of new introductions, prevented the spread of existing infestations, and standardized survey guidelines and protocols worldwide. In 2012, ARS will focus on expanding the impact of this attract-and-kill strategy, as well as finding and using additional biological control agents for safe beetle suppression.

The National Institute of Food and Agriculture (NIFA) funding related to the Asian Long-Horned Beetle (ALB) supports activities that include detection and preventive measures to eradicate the damage caused by the ALB. Examples of the types of recipients of funding for ALB are land-grant institutions and public and private universities and colleges.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$1,497,000	\$1,516,000	\$1,516,000	\$1,516,000
NIFA	\$2,156,000	\$144,000	\$144,000	\$137,000
Total	\$3,653,000	\$1,660,000	\$1,660,000	\$1,653,000

FOOD DEFENSE AND HOMELAND SECURITY

Mr. Kingston: Please provide a summary of all USDA research and extension activities regarding food defense and homeland security, including participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) activities related to food defense and homeland security are extensively linked to Homeland Security Presidential Directive-9 (HSPD-9) and the President's National Strategy for Countering Biological Threats. USDA-ARS has unique and critical resources dedicated to ensuring that agricultural production is secure, sustainable, and efficient with the aim of providing American consumers with a healthy, safe, and affordable food supply. Many of these responsibilities involve protecting people, crops, livestock, poultry, aquaculture and other

living resources from pests and pathogens with the potential to cause severe economic consequences and/or public health incidents. USDA research and extension programs activities specifically target gaps in our food defense strategy by providing the scientific information and tools needed to mitigate the impact of incursions on our food supply. For Fiscal Year 2012, ARS will continue to implement strong national research programs for food defense and homeland security. ARS will conduct research to minimize the risk to American agriculture of diseases, contamination, and/or willful destruction of crops and animals to ensure that the safety of the food supply is not compromised.

The Economic Research Service (ERS) conducts research in support of the needs set forth under the Homeland Security Presidential Directive (HSPD-9). Research has developed and refined the capacity to conduct economic analyses of plant and animal disease outbreaks. ERS projects assessed the value of available data containing geographic information that could be used to improve geospatial analysis of homeland security issues related to food and agriculture industries. ERS will continue the research activities that analyze the economic impacts of plant and animal disease outbreaks in Fiscal Year 2012.

The National Institute of Food and Agriculture (NIFA) funded grants related to Food and Agriculture Defense Initiative and Homeland Security support a unified network of public agricultural institutions to identify and respond to high risk biological pathogens in the food agricultural system. The network will be used to increase the ability to protect the U.S. from disease threats by identifying, containing, and minimizing disease threats. The Extension Disaster Education Network activities will be supported to continue delivering services to citizens affected by disasters. Examples of the types of recipients of NIFA funding for Food and Agriculture Defense Initiative and Homeland Security include land-grant institutions and public and private universities and colleges.

	FY 2009 Actual	FY 2010 Approp.	FY 2011 Annualized CR	FY 2012 Request
ARS	\$35,454,000	\$39,170,000	\$39,170,000	\$43,808,000
ERS	\$983,000	\$983,000	\$983,000	\$983,000
NIFA	\$43,700,000	\$44,848,000	\$44,848,000	\$43,360,000
Total	\$80,137,000	\$85,001,000	\$85,001,000	\$88,151,000

ANTIBIOTIC RESISTANCE

Mr. Kingston: Please provide a summary of all USDA research and extension activities regarding antibiotic resistance, including participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) conducts antibiotic resistance research at Wyndmoor, Pennsylvania; Ames, Iowa; and Athens, Georgia. ARS participates with FDA and CDC in the National Antimicrobial Resistance Monitoring System (NARMS) which monitors antimicrobial resistance in retail meats, animals, and humans. ARS provides oversight of the NARMS animal sampling from the Athens, Georgia location, and is working to enhance the sampling plan in collaboration with FDA. Also, NARMS is conducted in conjunction with industry and commodity partners. ARS participates in the Codex Alimentarius ad hoc task force on antimicrobial resistance. The United States delegation oversaw the guidance development on risk management that

was presented to the Codex in 2010. ARS is the principal USDA participant in the Interagency Federal task force for the public health action plan to combat antimicrobial resistance. USDA has collectively drafted a response plan to FDA's latest guidance document on the voluntary reduction of growth promoters in agriculture. Finally, ARS research develops and evaluates alternatives to antibiotics in food animals and seeks to understand the development, transmission, and persistence of antimicrobial resistance in food animals, foods, and environments. ARS's plan for fiscal year 2012 includes research on alternatives to antibiotics, microbial ecology, and the effect of processing environments on antibiotic resistance prevalence.

The Economic Research Service (ERS) research has examined the impact on farm productivity of feeding antibiotics at sub-therapeutic levels, and whether the effects on productivity gains from restricting antibiotic use can be offset by other production practices. This research examined the extent to which antibiotics are fed at sub-therapeutic levels in U.S. hog production, by stage of production, and how this has changed between 2004 and 2009. Published ERS research also assessed the effects of antibiotic use on production efficiency and costs, and evaluates the alternatives to antibiotic use in broilers. During Fiscal Year 2012 ERS will continue to examine the impact on farm productivity of feeding antibiotics at sub-therapeutic levels, and whether the effects on productivity gains from restricting antibiotic use can be offset by other production practices. This research will rely upon updated data for hog production in 2009 and broiler production in 2011, collected as part of USDA's Agricultural Resource Management Survey. The research findings will support USDA decision making on policies and programs to address the issue of antimicrobial resistance in animal agriculture by identifying the economic effects of possible restrictions on sub-therapeutic antimicrobial use.

The National Institute of Food and Agriculture (NIFA) supported research related to antibiotic resistance includes studies of antimicrobial usage in dairy, beef, swine, and/or poultry production systems. Topics include prevalence and control of food-borne pathogens in meat and meat products, and livestock management practices that minimize the use of antimicrobials. Examples of the types of recipients of NIFA funding for antibiotic resistance are land-grant institutions, public and private universities and colleges and federal laboratories.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$6,482,000	\$6,594,000	\$6,594,000	\$7,994,000
ERS	\$92,078	\$93,958	\$93,958	\$77,415
NIFA	\$752,000	\$752,000	\$752,000	\$750,000
Total	\$7,326,078	\$7,439,958	\$7,439,958	\$8,821,415

IR-4

Mr. Kingston: Please provide a summary of all USDA activities regarding IR-4, including participating agencies, funding, outside financial assistance provided, the number of registrations completed, and any backlog of registrations, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: In 2010, the Agricultural Research Service (ARS) scientists established 137 pesticide/crop combinations at field locations in seven

states (South Carolina, Arizona, California, Georgia, Washington, Texas, and Ohio). In laboratories in Beltsville, Maryland; Wapato, Washington; and Tifton, Georgia, ARS scientists analyzed 163 pesticide/crop combinations for pesticide residue tolerances. ARS contributed data for pesticide residue tolerances on 26 specialty crops and 15 pesticides that can be used by registrants to label these as available to specialty crop growers. Data generated by ARS and university scientists are used by staff at IR-4 Headquarters to develop the data packages that are submitted to EPA. In previous years, ARS and university scientists working with the IR-4 program analyzed hundreds of pesticide/crop combinations and generated data for uses for 105 crops and 52 pesticides in 2009 and 97 crops and 18 pesticides in 2008. These data are being used by registrants and the EPA to expand pesticide labels for use by specialty crops growers. As a result of this effort, U.S. consumers enjoy a ready supply of safe, affordable, nutritious fruits and vegetables. Fiscal year 2012 plans for the ARS portion of the IR-4 effort includes continuation of all efforts underway in fiscal year 2011 with the exception of the IR-4 project at Weslaco, Texas. The Administration's proposed fiscal year 2012 budget would terminate this project.

In Fiscal year 2009, the National Institute of Food and Agriculture (NIFA) provided \$12.18 million in competitive grant funding to the IR-4 Project. Other contributions include State Agricultural Experiment Stations who provided direct funding along with approximately \$10 million in in-kind support through hosting IR-4 Field Centers, analytical laboratories and management offices as well as research and extension scientist participation. The crop protection industry provided access to products, technical support and approximately \$1 million in funding. Regulatory partners included the U.S. Environmental Protection Agency, Pest Management Regulatory Agency in Canada, and the California Department of Pesticide Registration who provided guidance and reviewed submissions. Registrations in the Food Use Program amounted to 219 permanent pesticide tolerances on 32 chemicals, resulting in as many as 952 new use registrations. The Ornamental Horticulture Program contributed six registrations, which had a direct impact on 614 crops. The backlog for each year varies from 500 to 750 registrations. In Fiscal Year 2010, NIFA provided \$12.18 million in competitive grant funding to the IR-4 project. The same agencies and organizations listed for fiscal year 2009 also contributed like amounts in Fiscal Year 2010. Registrations in the Food Use Program amounted to 786 new uses. Biopesticide tests yielded three new registrations and the Ornamental Horticulture crop program produced four new registrations which positively impacted 2,367 ornamental uses.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$3,915,000	\$3,979,000	\$3,979,000	\$3,797,000
NIFA	\$12,180,000	\$12,180,000	\$12,180,000	\$12,180,000
Total	\$16,095,000	\$16,159,000	\$16,159,000	\$15,977,000

PLANT AND ANIMAL GENOME MAPPING

Mr. Kingston: Please provide a summary of all USDA plant and animal genome mapping activities, including participating agencies, funding and recipients, for fiscal years 2009 through 2011. Also describe USDA's plan for fiscal year 2012.

Response: The Agricultural Research Service (ARS) animal and plant genome mapping support for agricultural animal and crop species is

coordinated through consortiums comprised of Federal agencies (NIH, USDA-ARS, USDA-NIFA, DOE), universities, and the private sector. These initiatives are providing opportunities for expanding genomic resources, advancing systems biology and biomedical research, translating basic discovery to tools for improving animal and crop production and protection, and developing coordinated solutions to data access, analysis, and synthesis. The fiscal year 2012 budget initiative for Crop Breeding and Protection includes proposed increases for genomic/phenotypic knowledge-based development including: 1.) Develop visualization and analysis tools for legume genomics to accelerate legume and soybean improvement; 2.) Develop new tools for comparative analysis and visualization of crop genes and genomes; 3.) Develop new breeding tools and genotyping for wheat and barley breeders to protect small grains from disease and increase productivity; 4.) Identify domestication and perennialism genes in grains; and 5.) Phenotyping/genotyping sorghum to expand breeding and the use of tropical germplasm. The fiscal year 2012 budget initiative for Plant, Animal, and Microbial Collections includes: 1.) Develop information technologies and sciences that will be critical to the success of new biology 2.) expand plant genome databases and training opportunities. ARS research activities related to animal genome mapping funding in fiscal year 2012 is estimated at \$16,434,000 and research activities related to plant genome mapping funding in fiscal year 2012 is estimated at \$14,460,000.

The National Institute of Food and Agriculture (NIFA) funded grants related to plant and animal genome mapping support activities that follow the research, extension, and outreach priorities set forth in the USDA Animal Genomics Blueprint for 2008-2017. NIFA has addressed these priorities related to animal genome mapping through competitive program opportunities. As a result, the draft genome sequences of chicken, turkey, cattle, and pig are now completed. This was possible with USDA partnering with other federal agencies, such as the National Institutes of Health, stakeholders, states and international entities. Funds are being used for plant genome mapping to include genome structure and organization, functional genomics, bioinformatics and applied genomics. Examples of the types of recipients of NIFA funding for plant and animal genome mapping are land-grant institutions, public and private universities and colleges and federal laboratories.

	FY 2009	FY 2010	FY 2011 Annualized CR	FY 2012 Request
ARS	\$27,925,000	\$29,697,000	\$29,697,000	\$30,894,000
NIFA	\$56,261,000	\$51,891,000	\$51,891,000	\$51,891,000
Total	\$84,186,000	\$81,588,000	\$81,588,000	\$82,785,000

RESEARCH, EDUCATION, AND EXTENSION OFFICE

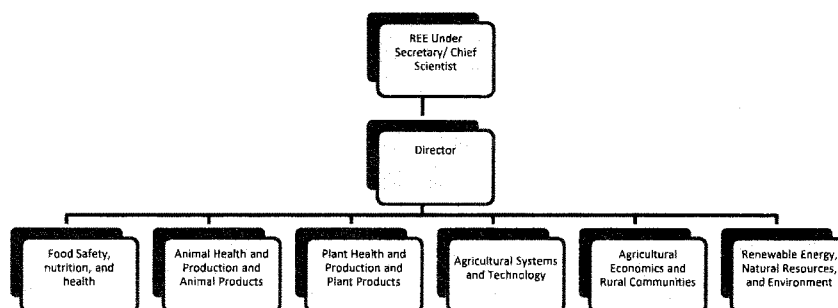
Mr. Kingston: The 2008 farm bill directed the Under Secretary for Research, Education, and Economics to create the Research, Education, and Extension Office within the office of the Under Secretary. Has this office been established? Are there any staff vacancies? How does USDA plan to fill them? Has the office improved coordination among the research agencies and with other USDA agencies? Please provide an organizational chart and status report on the office.

Response: On March 16, 2010, the Office was established, within the Office of the Under Secretary for Research, Education, and Economics under a

Secretary's Memorandum. The Office was permanently established through a Departmental Regulation issued in the Federal Register on February 28, 2011.

There are currently two staff vacancies- plant health and production and plant products, and food safety, nutrition, and health. Both positions have been advertised in USAJOBS.gov. Candidates selected from the search will be interviewed by REE leadership to make the final selection.

The office has improved coordination among the research agencies and with other USDA agencies through mechanisms such as reestablishing the USDA Science Council and providing expert leadership to high priority Federal science initiatives such as the Feed the Future Initiative, the Global Research Alliance, and the childhood nutrition and obesity initiatives originating out of the White House.



NATIONAL AGRICULTURAL STATISTICS SERVICE

NASS NATIONAL OPERATIONS CENTER

Mr. Kingston: Please provide a summary and status report on the National Operations Center.

Response: As Congress was notified in August 2010, NASS is undergoing a major cultural and operational transformation. This transformation will change the NASS business model by standardizing survey operations and providing cost efficiencies to the organization. This transformation will enhance NASS's mission to "provide timely, accurate, and useful statistics in service to U.S. agriculture." The transformation will eliminate inefficient and duplicative operations conducted in 46 different locations.

The lynchpin of this transformation is the establishment of the NASS Operations Center in St. Louis. This facility will centralize telephone data collection; scanning and data keying of mail questionnaires; list frame development and maintenance; training for telephone interviewers; centralized

preparation of survey training materials; development of automated questionnaires; and laboratories for measurement of objective crop-yield specimens. Work will move from both headquarters and the field offices to the new Center.

In order to move effectively from a decentralized field structure for data collection and review - and to maximize centralized processing - NASS has embarked on a major re-engineering effort that is centralizing the computer hardware infrastructure using thin client networks; redesigning software so that generalized applications address the broadest needs of the agency; and implementing computerized data collection in field interviews using netbooks and aircards to access broadband transmission - innovative and ground breaking in that data are never stored on the data collector's computer. Centralization enables the implementation of quality control procedures for data collection and processing operations not now possible. Resulting data will have less variability; duplicative and redundant costs will be eliminated; fewer staff will be required.

Build-out of the building is currently in process; recruitment of staff for the National Operations Center will begin in late spring with a scheduled opening date of August 1. Transition to full functionality will occur during FY 2012. A ribbon cutting ceremony will be held March 28th. The investment in the National Operations Center will begin to be repaid in FY 2013, with full cost recovery by FY 2016.

INTERNATIONAL TECHNICAL ASSISTANCE

Mr. Kingston: Please provide a list of the countries to which NASS is providing technical assistance, including a brief description of the assistance provided, for fiscal years 2009 through 2011 and the 2012 estimate.

Response: These activities are conducted on a reimbursable basis with support from other agencies. As the premier agricultural statistics agency in the world, NASS is supporting the U.N. Global Strategy on improving agricultural and rural statistics. A small staff supports this international effort that impacts world agricultural statistics released by the USDA World Agricultural Outlook Board. Following is a list of countries and the activities that have occurred or are planned to occur for each fiscal year.

Afghanistan

- FY11
 - o Staff plans to conduct an initial assessment of the capabilities of the government agencies responsible for agricultural statistics in Afghanistan and make recommendations for a capacity building program.
- FY12
 - o Staff plans to begin the implementation of the capacity building program.

Armenia

- FY09
 - o Staff assisted with the initial planning for collecting agricultural data with the Armenian Population Census and conducting an Agricultural Census following the Population Census.
- FY10

- o Staff continued to assist with the preparation of the population and agricultural censuses, including how to establish an agricultural producer register from the results. Also NASS staff assisted with the preparations for a food safety survey.
- FY11
 - o Staff assisted in the review of pilot population census results and continued to prepare for the agricultural census. Also staff helped start a food safety survey across the country.
- FY12
 - o Staff will assist in the review of the agricultural data collected from the population census and make final preparations for the agricultural census.

Brazil

- FY09
 - o Two groups visited the United States for training on the survey methodology and procedures for objective yield surveys in general with specific application for citrus objective yield.
- FY10
 - o Staff from the Brazilian Institute of Geography and Statistics attended a NASS workshop preparing for the Agricultural Resource Management Survey and worked with NASS staff to design a similar survey in Brazil.

Georgia

- FY09
 - o NASS staff provided assistance to the Department of Statistics in the development of data collection quality control procedures. In addition, staff assisted in the analysis and summarization of Georgian quarterly agricultural survey and designed the sample for 2010. Also staff from the Department of Statistics traveled to the United States for training on survey methodology.
- FY10
 - o Staff assisted with the analysis and summarization of the quarterly agricultural survey data. Staff also helped develop interviewer training programs as well as training for regional offices within Georgia. NASS staff also helped conduct data users meetings to determine the data needs of both public and private data users in the country. Finally, NASS assisted in producing a supplemental survey on animal health practices.
- FY11
 - o NASS staff assisted in the preparations for the 2011 quarterly agricultural surveys. Staff also assisted in the review and analysis of the animal health practices survey. In addition, staff helped conduct regional training on data collection and survey methodology.
- FY12
 - o NASS will continue to provide technical assistance to improve the quarterly agricultural surveys by instituting new survey methodologies and quality control procedures.

Haiti

- FY10
 - o NASS staff conducted an initial assessment of the market information and agricultural statistics system in Haiti during August 2010.
- FY11

- o Staff completed an assessment of the agricultural statistics system in Haiti which included the Ministry of Agriculture, Natural Resources and Rural Development, National Food Security Coordination Office, National Center for Geo Spatial Information, Food Security Network, and the Haitian Institute of Statistics and Computing. NASS will host a study tour for selected representatives of organizations associated with agricultural statistics to establish a long term capacity building program in Haiti.
- FY12
 - o NASS will work with Haitian officials to conduct the agricultural statistics capacity building program.

Indonesia

- FY10
 - o NASS staff conducted an extensive review of the agricultural statistics system of the Central Bureau of Statistics and provided recommendations for improvements.

Madagascar

- FY09
 - o NASS organized and hosted a study tour for officials with the Directorate of Information Systems at the Malagasy Ministry of Agriculture, Livestock and Fisheries. The group learned about organization, methodology, and management of programs for preparing and disseminating official agricultural statistics, conducting economic analyses relative to production agriculture and agricultural markets, and developing marketing strategies. Further activities were suspended by the US Department of State because of political instability in Madagascar.

Moldova

- FY11
 - o NASS staff conducted an assessment of the Moldova National Bureau of Statistics capacity to collect, analyze and disseminate agricultural statistics. Recommendations were provided in the development of the Moldova General Agricultural Census (GAC) questionnaire. The design of a list sampling frame from GAC respondents was initiated.
- FY12
 - o NASS plans to assist with the development of a regular agricultural survey program. The survey program will consist of other, smaller surveys that use the sampling frame generated from the GAC as a basis to sample from.

Mongolia

- FY09
 - o Staff worked with the National Statistics Office to design a sample to determine livestock mortality rates in pilot aimags (states) to be used to determine indemnity payments for an index based livestock insurance program sponsored by the World Bank. Staff also summarized results of the survey.
- FY10
 - o Staff worked with the National Statistics Office to design a sample to determine livestock mortality rates in pilot and operational aimags (states) to be used to determine indemnity payments for an index based livestock insurance program. Staff assisted the National Statistics Office's development of a summarization system.

- FY11
 - Staff worked with the National Statistics Office to design a sample to determine livestock mortality rates in pilot and operational aimags (states) to be used to determine indemnity payments for an index based livestock insurance program. The program now covers over 80% of the country.

Nigeria

- FY09
 - NASS staff conducted an initial assessment of Nigeria's agricultural statistics program. As a result, a team of agricultural statisticians from several organizations traveled to the United States for a study tour to learn about our agricultural statistics system. At the end of the tour, the group decided to request assistance to develop a pilot area sampling frame in one state.
- FY10
 - NASS staff assisted geographic information systems personnel in developing the area sampling frame in Kaduna State. Staff also assisted in the development of a questionnaire and data collection methods for a pilot survey using the area sampling frame. Finally, staff assisted in the summarization of the data collected in the pilot survey.
- FY11
 - Staff will assist with the refinement of the area sampling frame based on the results of the pilot survey. Staff will also assist in selecting a new sample and prepare materials for an area based survey followed by assistance in editing and summarizing the survey results. Plans will be made for the expansion of the area frame to additional states.
- FY12
 - NASS will assist in the construction and sampling of the additional area frame(s) as well as with the edit, analysis, and summarization of survey results.

Pakistan

- FY11
 - Staff conducted an initial assessment of the agricultural statistics capabilities within the Ministry of Food and Agriculture, Federal Bureau of Statistics, and the Punjab Province Crop Reporting Service to develop a capacity building program.
- FY12
 - The plans for FY12 are undefined at this time.

Russia

- FY10
 - NASS staff provided training on survey methodology and sampling procedures to the Federal State Statistics Service of the Russian Federation as part of a project funded by the World Bank.

Serbia

- FY09
 - NASS conducted an initial assessment of the agricultural statistics program working with the Ministry of Agriculture, Forestry and Water Management and the Statistics Office of the Republic of Serbia. Serbia was planning to conduct their first agricultural census in more than 50

years and requested assistance preparing for the census. NASS conducted workshops on questionnaire design and data collection and a critique on the census of agriculture questionnaire.

- FY10
 - o NASS continued assistance in preparation for the agricultural census by conducting workshops to prepare a publicity plan, to train interviewers, and to design output tables for the results of the census.
- FY11
 - o The Ministry of Agriculture, Forestry and Water Management requested assistance in developing a database of information to be used to address ad hoc policy questions within the Ministry. NASS staff traveled to Serbia to gather information from data providers. NASS will host a workshop on database concepts and usage in the U.S. for key users from the Ministry and will provide technical assistance as the database is being established.
- FY12
 - o NASS will continue to provide technical advice and review as the database of information is being loaded and queries are being developed.

FUNDING FOR STATE OFFICES

Mr. Kingston: Please provide a chart listing the funding for state offices for fiscal years 2009 through 2011 and the 2012 estimate.

Response: The chart below is a funding breakdown for every NASS location that comprises the agency. The dollar figures represent all direct allocations including salaries and benefits for NASS employees.

[The information follows:]

	FY 2009	FY 2010	FY 2011	FY 2012
	<u>Actual</u>	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>
Alabama.....	\$902,390	\$1,102,556	\$1,174,000	\$1,149,000
Alaska.....	201,021	225,144	221,000	216,000
Arizona.....	836,787	852,001	921,000	902,000
Arkansas.....	1,211,093	1,441,200	1,417,000	1,387,000
California.....	2,248,703	2,737,552	2,908,000	2,845,000
Colorado.....	1,250,063	1,312,566	1,377,000	1,347,000
Delaware.....	124,116	139,010	137,000	134,000
District of Columbia.....	99,405,173	105,007,738	103,081,000	100,894,000
Florida.....	1,192,108	1,335,161	1,407,000	1,377,000
Georgia.....	1,312,622	1,365,127	1,445,000	1,414,000
Hawaii.....	774,832	954,593	939,000	919,000
Idaho.....	1,069,655	1,198,014	1,178,000	1,153,000
Illinois.....	1,440,597	1,411,786	1,685,000	1,649,000
Indiana.....	1,346,343	1,507,904	1,575,000	1,541,000
Iowa.....	1,283,613	1,437,647	1,497,000	1,464,000
Kansas.....	1,341,639	1,314,807	1,570,000	1,537,000
Kentucky.....	1,084,045	1,307,525	1,286,000	1,259,000
Louisiana.....	1,003,609	936,702	1,105,000	1,082,000
Maryland.....	898,610	914,948	989,000	968,000
Michigan.....	1,366,461	1,445,412	1,504,000	1,472,000
Minnesota.....	1,269,222	1,421,529	1,398,000	1,368,000
Mississippi.....	1,345,286	1,412,551	1,482,000	1,450,000
Missouri.....	1,095,700	1,139,528	10,839,000	9,772,000
Montana.....	844,824	1,032,221	1,015,000	993,000
Nebraska.....	1,339,753	1,312,957	1,383,000	1,354,000
Nevada.....	256,825	287,644	283,000	277,000
New Hampshire.....	1,117,481	1,162,180	1,231,000	1,205,000
New Jersey.....	939,448	956,529	1,034,000	1,012,000
New Mexico.....	733,156	821,135	909,000	889,000
New York.....	1,090,946	1,140,402	1,121,000	1,097,000
North Carolina.....	2,060,578	2,036,337	2,403,000	2,352,000
North Dakota.....	1,005,368	1,039,396	1,107,000	1,083,000
Ohio.....	1,428,491	1,599,910	1,770,000	1,732,000
Oklahoma.....	931,837	1,130,629	1,112,000	1,088,000
Oregon.....	1,093,767	1,225,019	1,205,000	1,179,000
Pennsylvania.....	1,077,297	1,206,573	1,187,000	1,161,000
South Carolina.....	869,603	973,955	958,000	937,000
South Dakota.....	1,178,638	1,232,069	1,384,000	1,355,000
Tennessee.....	992,146	1,025,726	1,087,000	1,063,000
Texas.....	1,969,125	2,310,440	2,271,000	2,223,000
Utah.....	728,191	815,574	1,002,000	980,000
Virginia.....	965,563	998,244	1,146,000	1,121,000
Washington.....	1,649,003	1,641,675	1,715,000	1,678,000
West Virginia.....	634,349	532,852	698,000	683,000
Wisconsin.....	1,459,065	1,538,027	1,701,000	1,665,000
Wyoming.....	650,728	809,795	796,000	779,000
U.S. Territories.....	218,696	224,000	220,000	216,000
Total Direct Obligations.....	149,238,566	158,974,290	169,873,000	165,421,000

NASS PROGRAM CUTS

Mr. Kingston: Please provide a summary and justification of the ongoing services and reports NASS proposes to terminate in fiscal year 2012.

Response: NASS completed a comprehensive review of all of its programs. That review consisted of evaluating the entire agricultural statistics program within the following priorities.

- Principal Economic Indicator data;
- Data which directly impact the market;
- Data necessary to implement USDA programs which provide payments to farmers and are used to administer the farm safety net for producers; and
- Data for which there are no other publically available sources of information.

Additionally, NASS reviewed the availability of alternative objective data sources to identify process improvements which could be implemented to maintain data series while reducing costs to the American taxpayers.

For FY 2012, NASS is proposing to eliminate the July Sheep and Goats Survey and Estimates and the Farm Labor program. In addition NASS will not conduct the Census of Aquaculture or the Tenure, Ownership, and Transition of Agricultural Land (TOTAL) Survey. A brief description of the analysis behind these decisions follows:

July Sheep and Goats:

NASS completed a comprehensive review of all programs to determine priority. Sheep and goat inventory estimates are currently provided twice a year. This proposal eliminates the July Sheep and Goats inventory survey, but allows for the more detailed January estimate to continue. The continued decline in the sheep inventory levels resulted in this being identified as a lower priority item which could offset requested funding in support of higher priority Administration goals.

Farm Labor Program:

Farm labor data for paid field workers, paid livestock workers, and agricultural managers are collected and published quarterly. This program is a lower priority because NASS will create a proxy for internal use which will accurately reflect farm labor rates from the Bureau of Labor Statistics employment series. The proxy of the wage rate index will be a component of the Department of Agriculture (NASS) Parity Index.

Census of Aquaculture:

The majority of aquaculture, catfish and trout, are currently included in the NASS agricultural estimates program; which includes a monthly report of catfish processing, a biannual report of catfish production, and an annual report on trout production. Therefore, this program was identified as a lower priority item which could offset requested funding in support of higher priority Administration goals.

Tenure, Ownership and Transition of Agricultural Land (TOTAL) Survey:

The largest portion of land tenure is the farm operator component that is already being accounted for in the Agricultural Resource Management Survey. The TOTAL survey is inactive. It was last conducted in 1998. Therefore,

this program was identified as a lower priority item which could offset requested funding in support of higher priority Administration goals.

NASS SPECIAL SURVEYS

Mr. Kingston: Please provide a list and short description of any special surveys conducted in fiscal years 2010 and 2011 and the 2012 estimate.

Response: NASS continually solicits the needs of data users and the advice of the Advisory Committee on Agriculture Statistics (ACAS), in conjunction with available funding, to determine the most important and relevant special surveys to conduct. The information about special surveys follows:

2010:

Farm Ranch Irrigation Survey: The 2008 Farm and Ranch Irrigation Survey (FRIS) was the seventh survey devoted entirely to collecting on-farm irrigation data for the United States. For the first time, horticultural specialty operations with sales of \$10,000 or greater were included in the survey. The 2008 Farm and Ranch Irrigation Survey provided data that supplemented the basic irrigation data collected from all farm and ranch operators in the 2007 Census of Agriculture. Irrigation data from this survey combined with 2007 census data provide one of the most complete and detailed profiles of irrigation in the United States. This information was originally released to the public in November, 2009 and updated in July, 2010.

Organic Production Survey: In 2009 NASS conducted the first in-depth survey of organic farming in the United States. NASS collected 2008 data from operators of farms that were either determined to be USDA-certified, were making the transition to organic production or were exempt from certification because of sales totaling less than \$5,000. Survey results were issued in February, 2010 and updated in July, 2010.

Census of Horticulture: The Census of Horticultural Specialties is the leading source of detailed production and sales data at the National and State level, and is used routinely by government agencies, academia, nursery and floriculture industries and the general public. The 2009 Census of Horticultural Specialties was designed as a follow-on to the 2007 Census of Agriculture, and included all operations that reported horticultural crop sales of \$10,000 or more, or the presence of sod, nursery products, short rotation woody crops or Christmas trees on the 2007 Census of Agriculture. Horticultural crops included bedding plants, potted flowering plants, cut flowers, cut cultivated florist greens, trees, shrubs, ground covers, vines fruit and nut trees, sod, dry bulbs, greenhouse produced vegetables, commercial vegetable transplants, vegetable and flower seeds, Christmas trees, short term woody crops, aquatic plants, unfinished or prefinished plants, propagation materials, and other nursery or greenhouse plants. The Census of Horticulture report was released to the public in December, 2010.

2011:

On-Farm Renewable Energy: The 2009 On-Farm Renewable Production Survey (OREPS) was the first on-farm renewable energy production survey conducted on the national level by NASS. The energy survey provided an inventory of farm-generated energy practices with detailed data relating to the category or type of energy produced (wind, solar, and manure/methane digester),

installation cost, percent of cost from outside funding, year installed, and total amount of utility savings from use of on-farm renewable energy production. The On-Farm Renewable Energy publication was released to the public in February, 2011.

2012: No special surveys are planned at this time.

NASS CHEMICAL, PESTICIDE AND FERTILIZER SURVEYS

Mr. Kingston: Please provide information on the NASS pesticide use survey. How much was spent on pesticide data collection in fiscal years 2009 through 2011 and what is estimated for fiscal year 2012?

Please provide information on NASS fertilizer and chemical input surveys, including cost per year and frequency. How much was spent on these surveys in fiscal years 2010, 2011 and 2012 estimate?

Response: The FY 2009 Omnibus included funding to reinstate the Fruit Chemical Use Survey. FY 2010 funding restored the remaining NASS chemical use data series to its prior level, including post harvest chemical use data, and vegetable chemical use data.

NASS collects pesticide and chemical use in the Vegetable Chemical Use survey (Even Years), Fruit Chemical Use Survey (odd years) and the Post Harvest Chemical Use Survey annually. Fertilizer questions are asked every four years within both the Fruit Chemical Use and Vegetable Chemical User surveys. Below is a table of the costs associated with the projects. These costs apply to pesticide use, chemical use and fertilizer applications.

	2009	2010	2011	2012
	Total	Total	Estimated Total	Estimated Total
Fruit Chemical Survey	\$2,409,880	\$2,670,676	\$5,126,000	\$2,671,000
Post Harvest Chemical Survey	\$2,784	\$1,467,723	\$1,212,000	\$1,468,000
Vegetable Chemical Survey	\$37,336	\$4,061,061	\$1,862,000	\$4,061,000
Total	\$2,450,000	\$8,199,460	\$8,200,000	\$8,200,000

NASS CENSUS OF AGRICULTURE

Mr. Kingston: Please provide an update on the Agricultural Census and a full cycle accounting of costs.

Response: Due to the cyclical nature of the Census of Agriculture (COA), NASS breaks down the cost for census activities over five fiscal years. The 2012 cycle includes years 2010 - 2014. The total projected cost for the 2012 five-year cycle is estimated at \$215 million. Increases in costs needing additional funding are expected during years three, four, and five. These three years coincide with increased activities as NASS gears up for the COA during FY 2012, conducts the COA in FY 2013, and publishes the results in FY 2014.

2010 Activities: Actual = \$37,908,000

1. Census Products and Planning

- a. Specialty Crops Tabulation for the United States and Puerto Rico
- b. Cognitive interviews, Electronic Data Reporting Test
- c. Small scale Content Test
- 2. 2007 Cycle Follow-on Programs.
 - a. Census of Horticulture Specialties. Data Collection for this follow-on survey.
 - b. Farm and Ranch Irrigation Survey (FRIS): Data Dissemination.
 - i. NASS leveraged the 2008 Farm and Ranch Irrigation Survey to collect additional data for irrigation usage on horticulture operations. The scope of the irrigation study has grown to a more extensive look into agriculture water resource requirements.
 - ii. Planning for an expanded FRIS to collect added water usage for other farm activities.

2011 Activities: Estimated = \$37,908,000 (per latest enacted annualized continuing resolution)

- 1. Census Products and Planning
 - a. Complete test run/ rehearsal for the actual production year. This includes the full range of tasks for collecting and processing data for the projected 24 pages of content on the COA questionnaire. These activities reduce costs by optimizing and streamlining processing. Data for a sample of 30,000 records will be collected, processed and analyzed.
 - b. Increase research into data collection strategies, specifically electronic data reporting via the web in an effort to increase responses via electronic means.
 - c. Planning a non-response and coverage study. This study will improve data quality by effectively measuring the impact of non-response and under-coverage to the COA and designing statistical adjustments to the census.
- 2. 2007 Cycle Follow-on Programs.
 - a. Census of Horticulture Specialties. Data Dissemination

2012 Activities: Estimated = \$41,639,000

- 1. Census Products and Planning
 - a. Analyze Results of 30,000 record Content Test
 - b. Complete research into data collection strategies, specifically electronic data reporting via the web in an effort to increase responses via electronic means.
 - c. Conduct a Non-Response and Coverage Study. This study will improve data quality by effectively measuring the impact of programming designed to account for under-coverage due to farmer no-response to the COA.
 - d. Print the Census questionnaires.
 - e. Complete development of Census Mail List.
- 2. 2007 Cycle Follow-on Programs complete.

2013 Activities:

- 1. 2012 Census Production Year
- 2. 2012 Cycle Follow-on Programs.
 - a. Expanded Farm and Ranch Irrigation Survey: Planning and Research

2014 Activities:

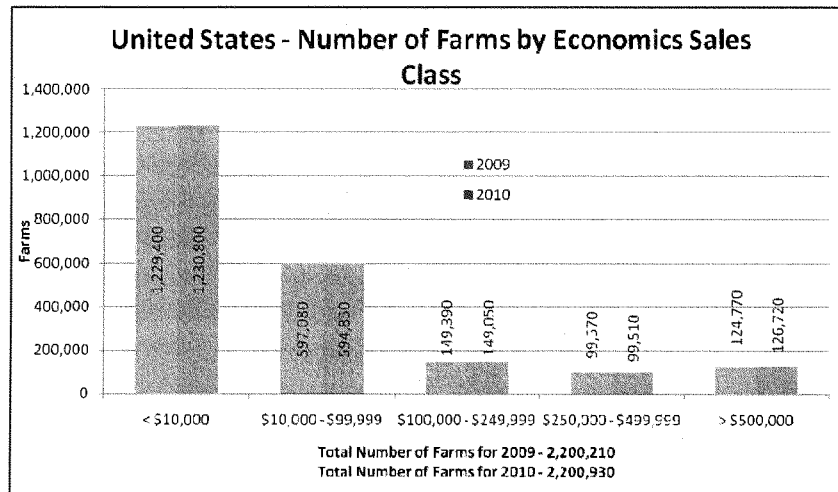
1. 2012 Data Dissemination and Release of Census Products
2. 2012 Cycle Follow-on Programs.
 - a. Expanded Farm and Ranch Irrigation Survey: Data Collection

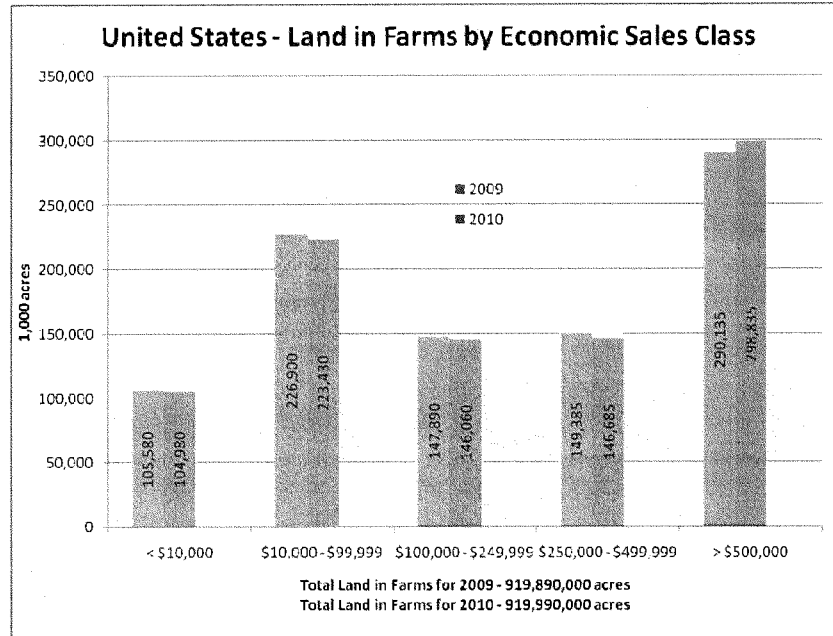
FARM NUMBERS AND LAND IN FARMS 2009-2010

Mr. Kingston: Please provide a chart with the number of farms and ranches operating in the United States, acreage of land being farmed and ranched by category and total acreage for 2009 and 2010.

Response: The information is provided.

[The information follows:]





Economic Research Service

NUTRITION ASSISTANCE PROGRAMS

Mr. Kingston: Please provide a description of the research ERS conducts related to SNAP, WIC and child nutrition programs, including funding, for fiscal years 2009 through 2011. Also describe ERS's plans for fiscal year 2012.

Response: The Economic Research Service (ERS) conducts economic research and analysis on the immediate and long-term consequences of alternative policies and programs aimed at ensuring access by children and adults to safe and nutritious food. This research addresses factors that can improve the effectiveness and efficiency of the Nation's domestic nutrition assistance programs, including the SNAP, WIC, and the Child Nutrition Programs. Research findings are used by policy makers, program managers, and those shaping efforts to promote access to affordable and healthful food, especially by low-income households.

Research on food assistance and nutrition issues is conducted both inside and outside ERS. The extramural research is funded as part of ERS's Food Assistance Nutrition Research Program (FANRP) and ERS's Research Innovation and Development Grants in Economics (RIDGE). These programs draw upon the multidisciplinary expertise of outside researchers and the resources of institutions and universities across the country.

During Fiscal Years 2009-2011, ERS conducted internal studies and funded extramural research in targeted, high-priority areas including: food assistance and children's well-being; interactions between the "built environment" and food assistance; using behavioral economics and incentives to promote child nutrition; and food assistance and the recession. In Fiscal Year 2012 ERS research will continue to support the USDA's annual data collection on food security in the United States, examine how food choices and health outcomes are related to food assistance programs and community characteristics, analyze farm to school programs, assess the benefits and costs of changes to the School Breakfast Program, and support a smaller Competitive Grants and Cooperative Agreements Program and the two Research RIDGE Centers at the University of Wisconsin-Madison and Mississippi State University. Two proposed initiatives for 2012—one for administrative data pilot projects and one for community access to local foods—will provide information to support better and more efficient targeting of USDA program delivery for low income households, support understanding of the food assistance safety net and low-income household well-being, and examine the relationships among household safety net programs, food consumption, nutrition, and health.

Funding information follows:

ERS research related to Food and Nutrition Assistance	FY 2009 Enacted	FY 2010 Enacted	FY 2011 Annualized CR	FY 2012 Request
Extramural research (FANRP + RIDGE)	\$4,408,000	\$4,408,000	\$4,408,000	\$3,408,000
Intramural research	2,498,000	2,629,000	2,629,000	3,334,000
Administrative Data Pilot				2,000,000
Community Access to Local Foods				2,000,000
Total	\$6,906,000	\$7,037,000	\$7,037,000	\$10,742,000

CENTER OF EXCELLENCE

Mr. Kingston: Please explain how the creation of a Center of Excellence for Behavioral Economics will improve USDA's programs and policies. Be specific on the benefits of this type of research and the creation of a new center.

Response: The creation of a Center of Excellence for Behavioral Economics is aimed at increasing the efficiency of food, farm, natural resource, and rural development programs, supporting all Secretarial priorities and addressing government-wide efforts to improve program integrity and innovation. The proposed Center of Excellence would build on ERS leadership in the application of behavioral economics to nutrition assistance program effectiveness to strengthen Departmental policy and program development across a broader range of priorities. The Center's findings will help USDA better achieve program goals at a reduced cost.

Insights from behavioral economics can better explain dietary behavior that does not always follow standard economic principles and help USDA craft new program and policy solutions that improve diet quality and reduce obesity. Applying behavioral economics research findings to school foodservice could help encourage more healthy food choices, especially by participants in USDA school meals programs. Behavioral economics suggests the way in which food choices are structured, presented, and paid for—the choice architecture—can influence decisions individuals make. Research by ERS and collaborators shows that changing the payment options for cafeteria meals, to include pre-paid cards for healthier food choices in addition to cash, boosted consumption of healthier foods compared with payment by cash alone or by unrestricted debit

card. Another ongoing study looks at whether people following special diets who also live in "food deserts" have more difficulty meeting their dietary objectives than those with better access to food; research findings will inform USDA program development for improving access to healthy food choices.

Behavioral economics research will also help USDA identify cost-saving measures in conservation programs. Conservation programs such as the Conservation Reserve Program and the Environmental Quality Incentives Program are based on voluntary enrollment by participants. Both programs encourage farmers to implement conservation practices that have significant environmental benefits. Behavioral economics can help identify ways to encourage farmers to sign up to implement practices with the highest environmental benefits per dollar; research findings that inform eligible farmers of the practices implemented by their peers could encourage these high-value enrollments. Similar approaches have proven effective at encouraging water and energy conservation among utility customers.

Additionally, behavioral economics research has identified strong preferences in some populations for risk mitigation and preferences with regard to payments over time (many individuals prefer to collect payments immediately than to collect a stream of payments, even at a healthy rate of interest). Understanding farmers' preferences for risk and time will help the USDA offer contracts at reduced prices that are still attractive to farmers, which will improve program effectiveness while reducing program costs.

Agricultural Research Service

ARS PROPOSED LABORATORY AND FACILITY CLOSURES

Mr. Kingston: Please provide a justification for all of the laboratories and facilities ARS is proposing to close in its fiscal year 2012 budget request.

Response: ARS' rationale for proposing closure of selected laboratories and facilities is based on the need to finance the higher priority research initiatives recommended in the 2012 budget. The agency has made difficult choices to utilize constrained resources to address the Nation's most urgent agricultural needs.

ARS systematically reviews and evaluates its research programs to identify which laboratories and facilities to propose for closure. Laboratories/facilities that were identified for closure met one or more of the following criteria: were a lower priority within the agency; were duplicative or can be accomplished more effectively elsewhere in ARS; based on current funding were not as viable and sustainable; or lacked a "critical mass" of scientific expertise for an effective program.

PROPOSED PROJECT REDIRECTIONS

Mr. Kingston: Please provide a list of each research project that is proposed for redirection in the fiscal year 2012 budget request. Include the name of the current project and the name of the proposed project.

Response: No research projects were proposed for redirection in the ARS fiscal year 2012 budget request.

CONGRESSIONALLY DESIGNATED PROJECTS

Mr. Kingston: Please provide a chart describing each congressionally designated project, including funding, recipient and location of recipient, for fiscal years 2010 and 2011.

Response: A chart describing each congressionally designated project, including funding, recipient and location of recipient, for fiscal year 2010 is provided for the record. No additional projects have been funded in fiscal year 2011 under the Continuing Resolutions.

[The information follows:]

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
FY 2010 Congressionally Designated Projects

Congressionally Designated Project	Recipient(s)	Amount
Animal Vaccines, Greenport, NY	ARS; Univ. of CT; Univ. of MO	\$ 1,518,000
Aquaculture Fisheries Center, Pine Bluff, AR	ARS; Univ. of AR, Pine Bluff	519,000
Oceanographic	ARS; Florida Atlantic Univ., Harbor Branch	
Institute, Stuttgart, AR	Oceanographic Institute	1,597,000
Arthropod-Borne Animal Diseases Research Laboratory,		
Manhattan, KS	ARS	1,500,000
Biomass Crop Production, Brookings, ND	ARS; SD State Univ.; MBI International	1,250,000
Biomedical Materials in Plants, Beltsville, MD	ARS	1,700,000
Bioremediation Research, Beltsville, MD	ARS	111,000
Biotechnology Research and Development Center,		
Washington, DC	Biotechnology Research and Development Cent	3,500,000
Catfish Genome, Auburn, AL	ARS	819,000
Center for Agroforestry, Booneville, AR	ARS; Univ. of MO	660,000
Cereal Disease, St. Paul, MN	ARS	290,000
Computer Vision Engineer, Kearneysville, WV	ARS	400,000
Crop Production and Food Processing, Peoria, IL	ARS; Univ. of IL; Purdue Univ.	786,000
Dairy Forage Research Center, Marshfield, WI	ARS	2,500,000
Dale Bumpers Small Farms Research Center,		
Booneville, AR	Univ. of MO	1,805,000
Diet Nutrition and Obesity Research, New Orleans, LA	ARS; LA State Univ.	623,000
Endophyte Research, Booneville, AR	ARS; Univ. of AR; Univ. of MO; OR State Uni	994,000
Forage Crop Stress Tolerance and Virus Disease		
Management, Prosser, WA	ARS	200,000
Formosan Subterranean Termites Research,	ARS; New Orleans Mosquito & Termite Board;	
New Orleans, LA	LA State Univ.; Univ. of HI; Univ. of MS;	
	Univ. of FL; Texas A&M Univ.;	
	The Audubon Institute	3,490,000
Foundry Sand By-Products Utilization, Beltsville, MARS		638,000
Human Nutrition Research, Boston, MA	ARS	350,000
Human Nutrition Research, Houston, TX	ARS	300,000
Human Nutrition Research, Kannapolis, NC	ARS	1,000,000
Improved Crop Production Practices, Auburn, AL	ARS; Alabama A&M; Auburn Univ.; Tuskegee Un	1,293,000
Livestock-Crop Rotation Management, Kutztown, PA	ARS	349,000
Lyme Disease, 4 Poster Project, Washington, DC	ARS; Yale Univ.	700,000
Medicinal and Bioactive Crops, Washington, DC	ARS	111,000
Mosquito Trapping Research/West Nile Virus,		
Gainesville, FL	ARS; CT Ag. Experiment Station	1,454,000
National Bio and Agro Defense Facility, Manhattan, ARS; KS State Univ.		1,500,000
National Center for Agricultural Law, Beltsville, MUniv. of AR, School of Law		654,000
National Corn to Ethanol Research Pilot Plant,		
Washington, DC	ARS; Southern Illinois Univ.	360,000
New England Plant, Soil, and Water Research Laboratory,		
Orono, ME	ARS	2,249,000
Northern Great Plains Research Laboratory, Mandan, ARS; ND State Univ., Hettinger Branch		543,000
Northwest Center for Small Fruits, Corvallis, OR	ARS	275,000
Pacific Basin Agricultural Research Center Staffing,		
Hilo, HI	ARS	700,000
Phytoestrogen Research, New Orleans, LA	ARS; Tulane Univ.; Univ. of Toledo	1,750,000
Potato Diseases, Beltsville, MD	ARS	61,000
Poultry Diseases, Beltsville, MD	ARS	408,000
Seismic and Acoustic Technologies in Soils		
Sedimentation Laboratory, Oxford, MS	ARS	332,000
Sorghum Research, Little Rock, AR	ARS	135,000
Soybean Genomics, St. Paul, MN	ARS	200,000
Subtropical Beef Germplasm, Brooksville, FL	ARS	1,033,000
Termite Species in Hawaii, New Orleans, LA	ARS; Univ. of HI	200,000
Tropical Aquaculture Feeds (Oceanic Institute),		
Hilo, HI	ARS; Oceanic Institute	1,438,000
Water Management Research Laboratory, Brawley, CA	ARS	340,000
Water Use Reduction, Dawson, GA	ARS	1,200,000
Wild Rice, St. Paul, MN	ARS; Univ. of MN, N. Cent. Res. & Outreach	303,000
Total		44,138,000

CONGRESSIONALLY DESIGNATED BUILDINGS AND FACILITIES

Mr. Kingston: Please provide a summary of all congressionally designated buildings and facilities, including funding and location, for fiscal years 2010 and 2011.

Response: A summary of all congressionally designated buildings and facilities, including funding and location, for fiscal year 2010 is provided for the record. No new buildings and facilities projects have been funded in fiscal year 2011 under the Continuing Resolutions.

[The information follows:]

AGRICULTURAL RESEARCH SERVICE
Buildings and Facilities
Congressionally Designated Buildings and Facilities Projects

NAME & LOCATION	FY 2010
ARS Research & Development Center Auburn, AL	\$3,500,000
Center for Advanced Viticulture & Tree Crop Research Davis, CA	3,000,000
U. S. Agricultural Research Station Salinas, CA	3,654,000
Center of Excellence for Vaccine Research Storrs, CT	3,654,000
U. S. Agricultural Research Laboratory Canal Point, FL	3,422,000
Pacific Basin Agricultural Research Center Hilo, HI	5,000,000
Animal Waste Management Research Laboratory Bowling Green, KY	2,000,000
Forage Animal Production Research Laboratory Lexington, KY	2,000,000
ARS Sugarcane Research Laboratory Houma, LA	3,654,000
Beltsville Agricultural Research Center - Modernization Beltsville, MD	3,000,000
National Plant and Genetics Security Center Columbia, MO	3,500,000
Biotechnology Laboratory Lorman, MS	1,500,000
Jamie Whitten Delta States Research Center Stoneville, MS	4,000,000
Animal Bioscience Facility Bozeman, MT	3,654,000
Systems Biology Research Facility Lincoln, NE	3,760,000
Center for Grape Genomics Geneva, NY	3,654,000
University of Toledo Toledo, OH	3,654,000
ARS Agricultural Research Center Logan, UT	4,527,000
ARS Research Laboratory Pullman, WA	3,740,000
Dairy Forage Agricultural Research Center Prairie du Sac, WI	4,000,000
Appalachian Fruit Research Facility Kearneysville, WV	2,000,000
TOTAL	<u>\$70,873,000</u>

TERMINATED RESEARCH PROJECTS

Mr. Kingston: Please provide a list of all research projects terminated in fiscal years 2010 and 2011.

Response: There were six research projects terminated in fiscal year 2010. Those projects were: Animal Health Consortium in the amount of \$820,000 at Headquarters; Arbuscular Mycorrhizal Fungi in the amount of \$42,000 at Wyndmoor, Pennsylvania; Sorghum Research in the amount of \$452,000 at Bushland, Texas; Vaccines and Microbe Control for Fish Health in the amount of \$991,000 at Auburn, Alabama; Vector-Borne Diseases in the amount of \$205,000 at Gainesville, Florida; and West Tennessee Mississippi River Cropping Systems Unit (Jackson, Tennessee) in the amount of \$254,000 which is a worksite of Stoneville, Mississippi. A list of all research projects terminated in fiscal year 2011 cannot be provided until after the close of the fiscal year.

TERMINATED EXTRAMURAL ACTIVITIES

Mr. Kingston: Please provide a list of all extramural activities terminated in fiscal years 2010 and 2011.

Response: There was one extramural agreement terminated in fiscal year 2010. This agreement was a specific cooperative agreement with the Biotechnology Research and Development Center in the amount of \$738,000 funded from the Animal Health Consortium at Headquarters. A list of all extramural agreements terminated in fiscal year 2011 cannot be provided until after the close of the fiscal year.

NEW RESEARCH PROJECTS

Mr. Kingston: Please provide a list of all research projects started in fiscal years 2010 and 2011. Also describe new projects proposed for fiscal year 2012.

Response: There were ten research projects started in fiscal year 2010. Those projects were: Arthropod-Borne Animal Diseases Research Laboratory in the amount of \$1,500,000 at Manhattan, Kansas; Computer Vision Engineer in the amount of \$400,000 at Kearneysville, West Virginia; Dairy Forage Research Center in the amount of \$2,500,000 at the Marshfield, Wisconsin worksite of Madison, Wisconsin; Forage Crop Stress Tolerance and Virus Disease Management in the amount of \$200,000 at Prosser, Washington; Human Nutrition Research, Kannapolis, North Carolina in the amount of \$1,000,000 at Headquarters; Livestock-Crop Rotation Management in the amount of \$349,000 at University Park, Pennsylvania; National Bio and Agro Defense Facility in the amount of \$1,500,000 at Manhattan, Kansas; Pacific Basin Agricultural Research Center Staffing in the amount of \$700,000 at Hilo, Hawaii; Soybean Genomics in the amount of \$200,000 in St. Paul, Minnesota; and Subtropical Beef Germplasm in the amount of \$1,033,000 at Brooksville, Florida. No new research projects have been started in fiscal year 2011 under the Continuing Resolutions.

The fiscal year 2012 budget includes a request for additional funding for the following high priority program initiatives: Food Safety; Crop Breeding and Protection; Animal Breeding and Protection; Child and Human Nutrition; Bioenergy/Biomass; Plant, Animal, and Microbial Collections;

Production Systems for Sustainable Agriculture; Global Climate Change; and the National Agricultural Library.

NEW EXTRAMURAL ACTIVITIES

Mr. Kingston: Please provide a list of all extramural activities started in fiscal years 2010 and 2011. Also describe new extramural activities proposed for fiscal year 2012.

Response: There was one extramural agreement started in fiscal year 2010. This agreement is a specific cooperative agreement with Kansas State University in the amount of \$400,000 funded from the National Bio and Agro Defense Facility, Manhattan, Kansas. A list of all extramural agreements started in fiscal year 2011 cannot be provided until after the close of the fiscal year. No new extramural activities have been proposed for fiscal year 2012.

COOPERATIVE AGREEMENTS WITH STATE INSTITUTIONS

Mr. Kingston: Please provide a list of cooperative agreements with state institutions, including funding, for fiscal years 2009 through 2011. Also list the 2012 estimate.

Response: There were five cooperative agreements with state institutions for fiscal year 2009. These agreements were with: Arizona Cotton Research & Protection Council, Tempe, Arizona, in the amount of \$53,303; Connecticut Agricultural Experiment Station, New Haven, Connecticut, in the amount of \$748,568; New Orleans Mosquito & Termite Control Board, New Orleans, Louisiana, in the amount of \$350,074; Oklahoma Water Resources Board, Oklahoma City, Oklahoma, in the amount of \$45,450; and Milwaukee Public Museum, Milwaukee, Wisconsin, in the amount of \$90,000. In fiscal year 2010, there were five cooperative agreements with state institutions. These agreements were with: Arizona Cotton Research & Protection Council, Tempe, Arizona, in the amount of \$53,271; Connecticut Agricultural Experiment Station, New Haven, Connecticut, in the amount of \$833,568; New Orleans Mosquito & Termite Control Board, New Orleans, Louisiana, in the amount of \$325,074; Oklahoma Water Resources Board, Oklahoma City, Oklahoma, in the amount of \$78,100; and Milwaukee Public Museum, Milwaukee, Wisconsin, in the amount of \$60,500.

A list of cooperative agreements with state institutions for fiscal year 2011 cannot be provided until after the close of the fiscal year. No new cooperative agreements have been proposed for fiscal year 2012.

ARS FACILITIES - MAINTENANCE NEEDS AND ESTIMATED COSTS

Mr. Kingston: Please provide a list of all ARS facilities and include a description of their maintenance needs and estimated costs.

Response: ARS contracted with a vendor to review facility conditions. To date, the vendor has inspected a sample of representative buildings from thirty six ARS locations (roughly 55 percent of the total inventory) and used parametric models to estimate deferred maintenance for the remaining building inventory. A list of the deferred maintenance as of May 21, 2010, is provided for the record. This list does not include new and replacement facilities projects awaiting full funding. Nor does it incorporate \$172

million of critical deferred maintenance work currently under construction and funded by the American Recovery and Reinvestment Act. Deferred maintenance is defined as the amount necessary to ensure that a construction asset is restored to a condition substantially equivalent to the originally intended and designed capacity, efficiency, or capability. Total deferred maintenance for ARS buildings is \$289 million. The current deferred maintenance amount is currently under its annual review and revision. The information is submitted for the record.

[The information follows:]

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sqft	Discrete Maintenance		
								DM Critical	DM Non-Critical	DM Total
1200B00011	MARYLAND	BELTSVILLE	ALL OTHER	CONTAINMENT FACILITY	RANGE #111	1955	83763	\$286,614.96	\$591,196.14	\$877,811.10
1200B00012	MARYLAND	BELTSVILLE	SERVICE	SHOP	SHOP #112	1932	33330	\$105,463.19	\$70,504.06	\$175,967.25
1200B00013	MARYLAND	BELTSVILLE	SERVICE	SHOP	SHOP #113	1932	33330	\$105,463.19	\$70,504.06	\$175,967.25
1200B00014	MARYLAND	BELTSVILLE	ALL OTHER	UTILITY BUILDING	HEATING PLANT #104	1939	6360	\$155,631.30	\$119,015.06	\$274,646.36
1200B00017	MARYLAND	BELTSVILLE	ALL OTHER	PUMPHOUSE, SERVICE	CHILD CARE CENTER #107	1933	1750	\$19,093.03	\$14,525.31	\$33,667.34
1200B00019	MARYLAND	BELTSVILLE	SERVICE	PUMPHOUSE, SERVICE	PUMP STATION #109	1933	240	\$19,815.22	\$4,253.63	\$24,088.85
1200B00021	MARYLAND	BELTSVILLE	FAMILY HOUSING	RESIDENCE	RESIDENCE #103	1900	5148	\$49,886.36	\$12,672.28	\$162,558.64
1200B00023	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	STORAGE #024	1942	1552	\$8,914.86	\$10,198.71	\$19,113.57
1200B00025	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	STORAGE #025	1942	1544	\$9,003.96	\$11,583.81	\$20,587.77
1200B00026	MARYLAND	BELTSVILLE	WAREHOUSES	GARAGE	GARAGE #026	1954	776	\$27,736.80	\$0.00	\$27,736.80
1200B00029	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	SERVICE #029	1942	22136	\$104,477.43	\$183,455.39	\$287,932.82
1200B00030	MARYLAND	BELTSVILLE	ALL OTHER	UTILITY BUILDING	WITS #002A	1991	150	\$0.00	\$15,545.46	\$15,545.46
1200B00031	MARYLAND	BELTSVILLE	OFFICE	OFFICE #030	OFFICE #030	1938	1225	\$18,364.34	\$14,457.85	\$32,822.19
1200B00032	MARYLAND	BELTSVILLE	WAREHOUSES	BARN, STORAGE	BARN #031	1937	600	\$289.29	\$8,858.81	\$9,148.10
1200B00033	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #033	1933	1977	\$19,495.02	\$4,159.44	\$61,434.46
1200B00034	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #034	1933	1977	\$19,495.02	\$4,159.44	\$61,434.46
1200B00035	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	STORAGE #035	1933	1105	\$13,379.58	\$5,738.07	\$25,354.90
1200B00036	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	STORAGE #036	1933	800	\$15.64	\$22,956.21	\$23,981.85
1200B00037	MARYLAND	BELTSVILLE	WAREHOUSES	GARAGE	GARAGE/SHED #037	1933	4808	\$63,405.78	\$268,742.82	\$332,148.60
1200B00038	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	WALK-IN BOX #038	1933	1079	\$13,379.58	\$55,604.88	\$68,984.46
1200B00040	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	STORAGE #040	1933	1040	\$13,379.58	\$59,505.50	\$72,885.08
1200B00041	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #001	1942	57460	\$148,373.04	\$474,534.36	\$622,907.40
1200B00042	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #002	1939	34080	\$444,889.80	\$505,470.24	\$950,360.04
1200B00043	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #003	1943	47471	\$552,677.80	\$313,976.01	\$866,653.81
1200B00044	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #004	1935	33648	\$564,099.12	\$235,348.20	\$799,447.32
1200B00045	MARYLAND	BELTSVILLE	OFFICE	OFFICE #005	OFFICE #005	1943	52580	\$632,158.98	\$347,767.24	\$979,926.22
1200B00046	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #006	1936	25562	\$423,781.28	\$209,933.08	\$633,735.36
1200B00047	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #007	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00048	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #008	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00049	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #009	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00050	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #010	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00051	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #011	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00052	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #012	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00053	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #013	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00054	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #014	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00055	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #015	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00056	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #016	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00057	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #017	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00058	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #018	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00059	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #019	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00060	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #020	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00061	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #021	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00062	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #022	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00063	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #023	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00064	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #024	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00065	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #025	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00066	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #026	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00067	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #027	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00068	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #028	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00069	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #029	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00070	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #030	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00071	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #031	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00072	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #032	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00073	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #033	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00074	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #034	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00075	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #035	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00076	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #036	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00077	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #037	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00078	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #038	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00079	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #039	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00080	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #040	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00081	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #041	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00082	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #042	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00083	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #043	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00084	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #044	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00085	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #045	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00086	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #046	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00087	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #047	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00088	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #048	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00089	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #049	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00090	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #050	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00091	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #051	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00092	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #052	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00093	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #053	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00094	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #054	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00095	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #055	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00096	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #056	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00097	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #057	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00098	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #058	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00099	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #059	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00100	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #060	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00101	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #061	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00102	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #062	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00103	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #063	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00104	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #064	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00105	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #065	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00106	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #066	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00107	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #067	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00108	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #068	1944	61350	\$648,955.64	\$420,958.44	\$1,069,914.08
1200B00109	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #069	1944				

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Decrease Measures			
								DM Critical	DM Non-Critical	DM Total	
1200800116	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #0116	1998	38	\$0.00	\$0.00	\$0.00	\$0.00
1200800117	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING #0117	1995	44	\$0.00	\$0.00	\$0.00	\$0.00
1200800118	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING #0118	1995	115	\$0.00	\$0.00	\$0.00	\$0.00
1200800111	MARYLAND	BELTSVILLE	WAREHOUSES	CHEMICAL STORAGE	PESTICIDE STORAGE #0111	1988	80	\$0.00	\$0.00	\$0.00	\$0.00
1200800114	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING #0114	1998	91	\$0.00	\$0.00	\$0.00	\$0.00
1200800113	MARYLAND	BELTSVILLE	WAREHOUSES	GARAGE	GARAGE #0113	1940	480	\$364.80	\$6,800.80	\$7,165.60	\$0.00
1200800146	MARYLAND	BELTSVILLE	ALL OTHER	UTILITY BUILDING	SUB STATION #0146	1997	539	\$0.00	\$14,129.85	\$14,129.85	\$0.00
1200800154	MARYLAND	BELTSVILLE	ALL OTHER	PUMPHOUSE, SERVICE	PUMPHOUSE #0154	1964	548	\$51,012.84	\$5,221.84	\$51,240.18	\$0.00
1200800156	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	FEDERAL CHORINE #0156	1964	72	\$2,208.77	\$721.05	\$2,929.81	\$0.00
1200800157	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #0157	1933	240	\$2,079.27	\$19,942.40	\$22,021.47	\$0.00
1200800158	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #0158	1978	1008	\$609.12	\$0.00	\$609.12	\$0.00
1200800244	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING #0244	1988	2800	\$535.64	\$0.00	\$535.64	\$0.00
1200800284	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #0284	1997	8084	\$101,489.16	\$70,389.00	\$171,878.16	\$0.00
1200800288	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #0288	1938	8084	\$442.97	\$0.00	\$442.97	\$0.00
1200800334	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZARDOUS WASTE STORAGE #0334	1990	172	\$311.62	\$0.00	\$311.62	\$0.00
1200800338	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	RADIOLOGICAL WASTE STOR. #0338	1990	121	\$119.36	\$11,793.36	\$11,912.72	\$0.00
1200800339	MARYLAND	BELTSVILLE	SERVICE	ALL OTHER	FARM VEHICLE WASHDOWN #0339	1991	600	\$72.74	\$0.00	\$72.74	\$0.00
1200800340	MARYLAND	BELTSVILLE	WAREHOUSES	CHEMICAL STORAGE	PESTICIDE STORAGE #0340	1991	188	\$70.47	\$0.00	\$70.47	\$0.00
1200800342	MARYLAND	BELTSVILLE	WAREHOUSES	CHEMICAL STORAGE	PESTICIDE STORAGE #0342	1991	188	\$70.47	\$0.00	\$70.47	\$0.00
1200800343	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZARDOUS WASTE STORAGE #0343	2008	288	\$0.00	\$2,406.07	\$2,406.07	\$0.00
1200800344	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING #0344	1973	288	\$1,476.63	\$54,176.71	\$55,653.34	\$0.00
1200800464	MARYLAND	BELTSVILLE	OFFICE	OFFICE	OFFICE #0464	1965	2240	\$38,576.34	\$17,354.83	\$55,931.17	\$0.00
1200800474	MARYLAND	BELTSVILLE	OFFICE	OFFICE	OFFICE #0474	1975	518	\$35.64	\$0.00	\$35.64	\$0.00
1200800478	MARYLAND	BELTSVILLE	ALL OTHER	ALL OTHER	WALK-IN COOL #0478	1968	616	\$132.31	\$0.00	\$132.31	\$0.00
1200800484	MARYLAND	BELTSVILLE	ALL OTHER	SCREENHOUSE	SCREENHOUSE #0484	1998	100	\$114.69	\$1,479.64	\$1,594.33	\$0.00
1200800574	MARYLAND	BELTSVILLE	SERVICE	PUMPHOUSE, SERVICE	PUMP HOUSE #0574	1996	500	\$0.00	\$0.00	\$0.00	\$0.00
1200800575	MARYLAND	BELTSVILLE	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE #0504	1995	213	\$0.00	\$0.00	\$0.00	\$0.00
1200801044	MARYLAND	BELTSVILLE	ALL OTHER	WASTE FACILITY	WEST WASTE WATER PLANT #M015	1996	500	\$12,383.82	\$20,920.41	\$33,304.24	\$0.00
1200801046	MARYLAND	BELTSVILLE	WAREHOUSES	RESIDENCE	RESIDENCE #0506	1997	1680	\$136,338.39	\$136,338.39	\$136,338.39	\$0.00
1200801047	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED, STORAGE #0507	1995	120	\$5,506.46	\$1,144.67	\$6,651.13	\$0.00
1200801048	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED, STORAGE #0508	1995	120	\$5,506.46	\$1,144.67	\$6,651.13	\$0.00
1200801049	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED, STORAGE #0509	1995	120	\$5,506.46	\$1,144.67	\$6,651.13	\$0.00
1201000060	MARYLAND	BELTSVILLE	SERVICE	SHED, STORAGE	OFFICE TRAILER #0065	1942	2880	\$115,000.00	\$80,608.37	\$195,608.37	\$0.00
1201000062	MARYLAND	BELTSVILLE	OFFICE	TRAILER, OFFICE	OFFICE TRAILER #0065	2004	300	\$0.00	\$0.00	\$0.00	\$0.00
1201000063	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #0067	2006	336	\$0.00	\$0.00	\$0.00	\$0.00
1201000066	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #0067	2006	336	\$0.00	\$0.00	\$0.00	\$0.00
1201000067	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #0067	2006	336	\$0.00	\$0.00	\$0.00	\$0.00
1201000055A	MARYLAND	BELTSVILLE	SERVICE	PUMPHOUSE, SERVICE	PUMP HOUSE #0057B	1997	192	\$0.00	\$0.00	\$0.00	\$0.00
1201000057B	MARYLAND	BELTSVILLE	SERVICE	TRAILER, STORAGE	TRAILER #A364	1998	100	\$114.69	\$1,479.64	\$1,594.33	\$0.00
1201000058A	MARYLAND	BELTSVILLE	WAREHOUSES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #161	1988	167	\$0.00	\$15,799.32	\$15,799.32	\$0.00
1201000059A	MARYLAND	BELTSVILLE	WAREHOUSES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #162	1995	23730	\$426,870.00	\$207,023.04	\$633,893.04	\$0.00
1201000061	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	BARN #163	1931	9174	\$135,408.24	\$206,274.60	\$341,682.84	\$0.00
1201000062	MARYLAND	BELTSVILLE	LABORATORIES	UTILITY BUILDING	HEATING PLANT #165	1936	1536	\$235,945.40	\$37,223.72	\$273,169.12	\$0.00
1203000163	MARYLAND	BELTSVILLE	ALL OTHER	UTILITY BUILDING	HEATING PLANT #165	1936	1536	\$235,945.40	\$37,223.72	\$273,169.12	\$0.00
1203000165	MARYLAND	BELTSVILLE	ALL OTHER	BARN	BARN #167	1935	102071	\$54,021.48	\$71,885.58	\$125,907.06	\$0.00
1203000170	MARYLAND	BELTSVILLE	ALL OTHER	BARN	BARN #172	1940	23731	\$395,699.76	\$174,840.48	\$570,540.24	\$0.00
1203000171	MARYLAND	BELTSVILLE	ALL OTHER	BARN	BARN #172	1939	3160	\$32,427.77	\$42,727.64	\$75,155.41	\$0.00
1203000172	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #173	1990	15000	\$222,078.24	\$22,078.24	\$244,156.48	\$0.00
1203000173	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #175	1993	420	\$18.71	\$12,052.01	\$12,070.72	\$0.00
1203000176	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #176	1999	168	\$1,492.83	\$2,638.98	\$4,131.81	\$0.00
1203000177	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	JUNKY HOSPITAL (VETERINARIAN) #177	1938	3460	\$97,403.54	\$3,051.65	\$100,455.19	\$0.00
1203000182	MARYLAND	BELTSVILLE	SERVICE	FEED MILL, SERVICE	FEED CENTER #182	2002	8419	\$2,032.08	\$2,665.94	\$4,702.02	\$0.00
1203000183	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #183	1992	9504	\$106.92	\$0.00	\$106.92	\$0.00
1203000184	MARYLAND	BELTSVILLE	ALL OTHER	WASTE FACILITY	ANAEROBIC DIGESTER #184	1994	1184	\$2,932.49	\$4,953.95	\$7,886.44	\$0.00

ABR Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sqft				Decreased Maintenance			
							DM Critical				DM Non-Critical			
1203B00200	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #200	1935	52000	\$400,277.16	\$436,771.40	\$836,548.56				
1203B00201	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	MEAT SERVICE LABORATORY #201	1935	15580	\$290,839.68	\$101,297.52	\$392,137.20				
1203B00202	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	HEATING PLANT #202	1935	3448	\$284,965.98	\$101,110.54	\$386,076.52				
1203B00203	MARYLAND	BELTSVILLE	ALL OTHER	LABORATORY BUILDING	LABORATORY BUILDING #203	1935	38769	\$334,780.68	\$17,737.71	\$352,518.39				
1203B00204	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ABRATOR #204	1935	2620	\$47,150.00	\$47,150.00	\$94,300.00				
1203B00205	MARYLAND	BELTSVILLE	ALL OTHER	BARN	BARN #205	1945	2620	\$141,811.50	\$141,811.50	\$283,623.00				
1203B00206	MARYLAND	BELTSVILLE	ALL OTHER	BARN	BARN #206	1950	4584	\$99,837.48	\$54,826.02	\$154,663.50				
1203B00207	MARYLAND	BELTSVILLE	OFFICE	OFFICE	WALNUT GRANGE SVC. CTR. #207	1950	6550	\$81,311.08	\$97,795.37	\$179,096.25				
1203B00208	MARYLAND	BELTSVILLE	WAREHOUSES	CHANGING FACILITY, SERVICE	LOCKER ROOM #223	1934	696	\$75,227.45	\$35,858.70	\$111,086.15				
1203B00209	MARYLAND	BELTSVILLE	WAREHOUSES	BARN, STORAGE	BARN #224	1934	18860	\$190,802.32	\$410,666.86	\$601,469.18				
1203B00210	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	ANIMAL BIOTECH. FACILITY #230	2002	12140	\$0.00	\$0.00	\$0.00				
1203B00211	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	HEATING PLANT #231	1965	172	\$7,262.22	\$5,828.39	\$13,090.62				
1203B00212	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HEATING PLANT #232	1965	1963	\$162,235.56	\$34,791.18	\$197,026.74				
1203B00213	MARYLAND	BELTSVILLE	ALL OTHER	UTILITY BUILDING	POULTRY BARN #271	1935	890	\$60,867.46	\$33,327.13	\$94,194.60				
1203B00214	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	TURKEY BARN #272	1935	172	\$14,215.24	\$3,048.44	\$17,263.68				
1203B00215	MARYLAND	BELTSVILLE	WAREHOUSES	PUMP-HOUSE, SERVICE	WATER PUMP HOUSE #287	1935	1730	\$15,541.47	\$1,722.06	\$17,263.53				
1203B00216	MARYLAND	BELTSVILLE	WAREHOUSES	PUMP-HOUSE, SERVICE	STORAGE #288	1985	160	\$1,204.67	\$1,722.06	\$2,926.73				
1203B00217	MARYLAND	BELTSVILLE	WAREHOUSES	PUMP-HOUSE, SERVICE	PUMP-HOUSE #300	1987	340	\$1,204.67	\$1,722.06	\$2,926.73				
1203B00218	MARYLAND	BELTSVILLE	OFFICE	OFFICE	FARM SERVICE #301	1987	340	\$1,204.67	\$1,722.06	\$2,926.73				
1203B00219	MARYLAND	BELTSVILLE	OFFICE	VISITORS CENTER	VISITORS CENTER #302	1934	3600	\$152,878.08	\$18,028.79	\$170,906.87				
1203B00220	MARYLAND	BELTSVILLE	ALL OTHER	LABORATORY, OFFICE	OFFICE/LABORATORY #303	1934	9560	\$204,917.76	\$135,672.98	\$340,590.74				
1203B00221	MARYLAND	BELTSVILLE	OFFICE	LABORATORY, OFFICE	PUMP STATION #305	1938	215	\$17,769.05	\$3,810.55	\$21,579.60				
1203B00222	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #306	1938	63400	\$689,610.24	\$619,507.44	\$1,309,117.68				
1203B00223	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #307	1940	67120	\$1,194,839.70	\$719,281.10	\$1,914,120.80				
1203B00224	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #308	1940	67500	\$1,158,344.08	\$819,681.12	\$2,178,025.20				
1203B00225	MARYLAND	BELTSVILLE	ALL OTHER	HEATING PLANT #309	HEATING PLANT #309	1940	27740	\$1,083,876.50	\$178,649.28	\$1,262,525.78				
1203B00226	MARYLAND	BELTSVILLE	ALL OTHER	WASTE FACILITY	WATER TREATMENT #310	1946	3156	\$260,833.13	\$55,935.28	\$316,768.41				
1203B00227	MARYLAND	BELTSVILLE	SERVICE	PUMP-HOUSE, SERVICE	PUMPING STATION #313	1938	246	\$20,331.10	\$4,359.97	\$24,691.07				
1203B00228	MARYLAND	BELTSVILLE	WAREHOUSES	PUMP-HOUSE, SERVICE	PUMPING STATION #314	1938	100	\$8,264.67	\$1,772.35	\$10,037.02				
1203B00229	MARYLAND	BELTSVILLE	WAREHOUSES	BARN	BARN #421	1938	4622	\$34,548.32	\$4,185.38	\$38,733.70				
1203B00230	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #421	1938	100	\$8,264.67	\$1,772.35	\$10,037.02				
1203B00231	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	OFFICE/SHOP #426	1933	21860	\$176,664.15	\$519,112.67	\$695,776.82				
1203B00232	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #427	1934	9280	\$105,811.64	\$252,222.25	\$358,033.89				
1203B00233	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	SHOP #430	1934	6796	\$355.52	\$18,260.80	\$18,616.32				
1203B00234	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	SHOP #431	1940	4800	\$54,404.61	\$84,067.20	\$138,471.81				
1203B00235	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP BARN #432	1940	2200	\$24,935.45	\$38,530.80	\$63,466.25				
1203B00236	MARYLAND	BELTSVILLE	SERVICE	GARAGE, SERVICE	GARAGE #445	1936	8772	\$97,531.50	\$114,279.18	\$211,810.68				
1203B00237	MARYLAND	BELTSVILLE	SERVICE	SHOP	SHOP/STORAGE #446	1939	8610	\$97,588.28	\$150,795.53	\$248,383.81				
1203B00238	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #448	1945	8100	\$43,996.61	\$52,262.45	\$96,259.06				
1203B00239	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #449	1940	2500	\$2,416.23	\$1,645.11	\$4,061.34				
1203B00240	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #454	1990	5596	\$9,980.01	\$17,167.14	\$27,147.15				
1203B00241	MARYLAND	BELTSVILLE	WAREHOUSES	GREENHOUSE	LABORATORY #465	1990	18754	\$8,306.24	\$811.03	\$9,117.27				
1203B00242	MARYLAND	BELTSVILLE	WAREHOUSES	GREENHOUSE	LABORATORY #476	1990	18754	\$8,306.24	\$811.03	\$9,117.27				
1203B00243	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #483	1935	18000	\$386,761.71	\$1,001.38	\$387,763.09				
1203B00244	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	BEE LABORATORY #483	1952	800	\$6,977.08	\$4,207.66	\$11,184.74				
1203B00245	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	ANIMAL SHED #1003	1971	1680	\$16,105.46	\$6,394.92	\$22,500.38				
1203B00246	MARYLAND	BELTSVILLE	LABORATORIES	ANIMAL FACILITY, ALL OTHER	ANIMAL SHED #1003	1971	1680	\$16,105.46	\$6,394.92	\$22,500.38				
1203B00247	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #1004	1936	1900	\$6,825.87	\$0.00	\$6,825.87				
1203B00248	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	BARN #1006	1936	1900	\$69,556.27	\$1,182.31	\$70,738.58				
1203B00249	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #1007	1935	500	\$765.70	\$0.00	\$765.70				
1203B00250	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL HOUSE #1017	ANIMAL HOUSE #1017	1967	384	\$12,427.59	\$937.65	\$13,365.24				
1203B00251	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL HOUSE #1018	1967	384	\$12,427.59	\$937.65	\$13,365.24				
1203B00252	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL HOUSE #1019	1969	640	\$20,711.65	\$1,562.75	\$22,274.39				
1203B00253	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHED #1020	1974	424	\$0.00	\$0.00	\$0.00				

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	DW Critical	Differential Maintenance	
									DN Non-Critical	DM Total
120380101	MARYLAND	BELTSVILLE	LABORATORIES	LABORATORIES	OFFICE/LABORATORY #1000	1936	15,521	\$200,875.68	\$89,433.72	\$289,309.40
120380102	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #1001	1936	13,100	\$1,465.55	\$1,465.55	\$1,467.10
120380104	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #1002	1936	2350	\$45,744.92	\$3,106.75	\$48,851.67
120380105	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #1003	1936	6250	\$97,380.58	\$97,380.58	\$194,691.60
120380106	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #1004	1936	5090	\$73,918.87	\$18,756.71	\$92,675.58
120380108	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #1005	1936	2600	\$33,737.00	\$19,127.88	\$38,864.88
120380109	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	CART #1006	1933	100	\$1,232.82	\$4,272.75	\$5,505.57
120380110	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	CART SHELTER #1008	1978	1248	\$13,222.44	\$0.00	\$13,222.44
120380111	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	CONCRETE HOUSE #1050	1937	1583	\$67,212.57	\$8,323.41	\$75,535.98
120380112	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #1051	1940	3750	\$4,509.22	\$2,649.51	\$7,158.73
120380113	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #1052	1935	369	\$25,355.56	\$38,412.39	\$63,767.95
120380114	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL PEN #1070	1925	369	\$25,236.06	\$5,525.52	\$30,761.58
120380116	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1925	369	\$25,236.06	\$5,525.52	\$30,761.58
120380117	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1925	369	\$25,236.06	\$5,525.52	\$30,761.58
120380118	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL EXP. BUILDING #1080	1925	369	\$25,236.06	\$5,525.52	\$30,761.58
120380119	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL PEN #1077	1925	369	\$25,236.06	\$5,525.52	\$30,761.58
120380120	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1967	1080	\$15,178.62	\$3,928.86	\$19,107.48
120380121	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL HOUSE #1081	1967	1080	\$15,178.62	\$3,928.86	\$19,107.48
120380122	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1969	1080	\$34,952.59	\$2,637.14	\$37,589.73
120380123	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL SHED #1090	1974	424	\$0.00	\$0.00	\$0.00
120380124	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL SHED #1091	1974	424	\$0.00	\$0.00	\$0.00
120380125	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL SHED #1092	1974	424	\$0.00	\$0.00	\$0.00
120380126	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL SHED #1093	1974	424	\$0.00	\$0.00	\$0.00
120380127	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #1122	1937	2700	\$25,428.33	\$17,164.71	\$42,593.04
120380128	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #1124	1959	4000	\$33,614.19	\$13,147.25	\$46,756.44
120380129	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #1125	1959	4000	\$17,82	\$2,834.36	\$21,654.18
120380130	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL LAB BLDG. #1126	1986	2625	\$611,425.10	\$64,240.28	\$675,665.38
120380131	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL BARN #1140	1938	2625	\$26,435.45	\$38,413.39	\$64,848.84
120380132	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL BLDG. #1144	1969	637	\$3,505.615	\$1,555.42	\$5,061.035
120380133	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL BLDG. #1146	1969	956	\$30,939.55	\$2,334.35	\$33,273.90
120380134	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL BLDG. #1148	1938	4816	\$15,576.72	\$4,250.40	\$19,827.12
120380135	MARYLAND	BELTSVILLE	OFFICE	LABORATORY, OFFICE	OFFICE/LABORATORY #1180	1935	2625	\$26,588.35	\$38,413.39	\$64,848.84
120380136	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #1181	1935	2625	\$26,588.35	\$38,413.39	\$64,848.84
120380137	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL BARN #1182	1935	2625	\$26,588.35	\$38,413.39	\$64,848.84
120380138	MARYLAND	BELTSVILLE	SERVICE	SHOP	FOREMAN'S HEADQUARTERS #1190	1937	5342	\$52,864.97	\$35,015.49	\$87,857.46
120380139	MARYLAND	BELTSVILLE	WAREHOUSES	WAREHOUSE	VEHICLE STORAGE #1191	1969	2560	\$33,984.82	\$33,984.82	\$33,984.82
120380140	MARYLAND	BELTSVILLE	WAREHOUSES	WAREHOUSE	VEHICLE STORAGE #1192	1969	2560	\$22,105.71	\$0.00	\$22,105.71
120380141	MARYLAND	BELTSVILLE	WAREHOUSES	WAREHOUSE	ANIMAL SHELTER #1195	1940	848	\$0.00	\$0.00	\$0.00
120380142	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #1203	1972	436	\$409.86	\$1,521.18	\$1,931.04
120380143	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL BUILDING #1207	1969	3700	\$93,141.72	\$0.00	\$93,141.72
120380144	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1925	369	\$25,236.06	\$5,525.52	\$30,761.58
120380145	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL PEN #1234	1925	369	\$25,236.06	\$5,525.52	\$30,761.58
120380146	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1925	369	\$25,236.06	\$5,525.52	\$30,761.58
120380147	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1925	369	\$25,236.06	\$5,525.52	\$30,761.58
120380148	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1925	369	\$25,236.06	\$5,525.52	\$30,761.58
120380149	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380150	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380151	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380152	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380153	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380154	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380155	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380156	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380157	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380158	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380159	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380160	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380161	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380162	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380163	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380164	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380165	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380166	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380167	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380168	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380169	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380170	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380171	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380172	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380173	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380174	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380175	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380176	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380177	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380178	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380179	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380180	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380181	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380182	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380183	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380184	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380185	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380186	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380187	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380188	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380189	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380190	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380191	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380192	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380193	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380194	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380195	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380196	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380197	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380198	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380199	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380200	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380201	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380202	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380203	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380204	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380205	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380206	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380207	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380208	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380209	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380210	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	424	\$0.00	\$0.00	\$0.00
120380211	MARYLAND	BELTSVILLE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY, ALL OTHER	1974	42			

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Construction Maintenance		
								DN Non-Critical	DN Critical	DM Total
MARYLAND	1202B01352	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1352	1975	424	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01353	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1353	1975	424	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01354	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1354	1974	264	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01355	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1355	1974	264	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01380	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL PEN #1380	1978	384	\$2,614.42	\$0.00	\$2,614.42
MARYLAND	1202B01381	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL PEN #1381	1978	384	\$2,614.42	\$0.00	\$2,614.42
MARYLAND	1202B01382	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL PEN #1382	1978	384	\$2,614.42	\$0.00	\$2,614.42
MARYLAND	1202B01383	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL PEN #1383	1978	384	\$2,614.42	\$0.00	\$2,614.42
MARYLAND	1202B01384	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL PEN #1384	1980	848	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01385	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1385	1980	848	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01386	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1386	1980	848	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01391	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1393	1940	848	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01392	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1401	1940	477	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01393	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1401	1940	477	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01401	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1403	1940	477	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01403	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1403	1940	477	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01406	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1406	1940	477	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01407	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1407	1940	477	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01408	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1408	1940	477	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01409	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1409	1940	477	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01412	BELTSVILLE	ALL OTHER	STORAGE BUILDING	STORAGE #1423	1970	271	\$2,350.62	\$4,612.14	\$6,962.76
MARYLAND	1202B01414	BELTSVILLE	ALL OTHER	STORAGE BUILDING	ANIMAL PAVED LOT SHELTER #1424	1971	4250	\$1,441.80	\$2,452.15	\$3,893.95
MARYLAND	1202B01415	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1425	1971	517	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01427	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1427	1971	517	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01428	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1428	1971	52	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01429	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1429	1971	240	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01430	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1430	1950	271	\$0.00	\$0.00	\$0.00
MARYLAND	1202B01437	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL PEN (BOAR HUT) #1437	1950	52	\$0.00	\$407.01	\$407.01
MARYLAND	1202B01438	BELTSVILLE	ALL OTHER	STORAGE BUILDING	STORAGE #1438	1958	100	\$389.61	\$1,644.30	\$2,033.91
MARYLAND	1202B01439	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	FURT F002A #163F	1978	19296	\$38,459.05	\$36,982.55	\$75,441.60
MARYLAND	1202B01440	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	GARAGE/SHOP #166H	1962	4720	\$49,648.26	\$46,499.10	\$96,147.36
MARYLAND	1202B01441	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #1441	1963	2510	\$13,100.68	\$13,100.68	\$26,201.36
MARYLAND	1202B01466H	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #177A	1971	4560	\$88,773.92	\$20,688.48	\$109,462.40
MARYLAND	1202B01501A	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #177C	1971	4560	\$88,773.92	\$20,688.48	\$109,462.40
MARYLAND	1202B01501B	BELTSVILLE	LABORATORIES	SCALE HOUSE, SERVICE	SCALE HOUSE #193G	1937	250	\$11,375.91	\$0.00	\$11,375.91
MARYLAND	1202B01519K	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #193L	1985	2497	\$1,050.18	\$0.00	\$1,050.18
MARYLAND	1202B01519L	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL SHELTER #193L	1937	2497	\$25,146.41	\$36,540.28	\$61,686.69
MARYLAND	1202B02020A	BELTSVILLE	SERVICE	WALK-IN PUMPING STATION #200A	WALK-IN PUMPING STATION #200A	1990	100	\$8,264.67	\$1,772.35	\$10,037.02
MARYLAND	1202B02021A	BELTSVILLE	ALL OTHER	WATER BOX #201A	WATER BOX #201A	1990	144	\$17.82	\$13,672.80	\$13,690.62
MARYLAND	1202B02021B	BELTSVILLE	ALL OTHER	WALK-IN BOX #201B	WALK-IN BOX #201B	1995	238	\$17.82	\$13,672.80	\$13,690.62
MARYLAND	1202B02021C	BELTSVILLE	ALL OTHER	WALK-IN BOX #201C	WALK-IN BOX #201C	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021D	BELTSVILLE	ALL OTHER	WALK-IN BOX #201D	WALK-IN BOX #201D	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021E	BELTSVILLE	ALL OTHER	WALK-IN BOX #201E	WALK-IN BOX #201E	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021F	BELTSVILLE	ALL OTHER	WALK-IN BOX #201F	WALK-IN BOX #201F	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021G	BELTSVILLE	ALL OTHER	WALK-IN BOX #201G	WALK-IN BOX #201G	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021H	BELTSVILLE	ALL OTHER	WALK-IN BOX #201H	WALK-IN BOX #201H	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021I	BELTSVILLE	ALL OTHER	WALK-IN BOX #201I	WALK-IN BOX #201I	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021J	BELTSVILLE	ALL OTHER	WALK-IN BOX #201J	WALK-IN BOX #201J	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021K	BELTSVILLE	ALL OTHER	WALK-IN BOX #201K	WALK-IN BOX #201K	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021L	BELTSVILLE	ALL OTHER	WALK-IN BOX #201L	WALK-IN BOX #201L	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021M	BELTSVILLE	ALL OTHER	WALK-IN BOX #201M	WALK-IN BOX #201M	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021N	BELTSVILLE	ALL OTHER	WALK-IN BOX #201N	WALK-IN BOX #201N	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021O	BELTSVILLE	ALL OTHER	WALK-IN BOX #201O	WALK-IN BOX #201O	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021P	BELTSVILLE	ALL OTHER	WALK-IN BOX #201P	WALK-IN BOX #201P	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021Q	BELTSVILLE	ALL OTHER	WALK-IN BOX #201Q	WALK-IN BOX #201Q	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021R	BELTSVILLE	ALL OTHER	WALK-IN BOX #201R	WALK-IN BOX #201R	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021S	BELTSVILLE	ALL OTHER	WALK-IN BOX #201S	WALK-IN BOX #201S	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021T	BELTSVILLE	ALL OTHER	WALK-IN BOX #201T	WALK-IN BOX #201T	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021U	BELTSVILLE	ALL OTHER	WALK-IN BOX #201U	WALK-IN BOX #201U	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021V	BELTSVILLE	ALL OTHER	WALK-IN BOX #201V	WALK-IN BOX #201V	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021W	BELTSVILLE	ALL OTHER	WALK-IN BOX #201W	WALK-IN BOX #201W	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021X	BELTSVILLE	ALL OTHER	WALK-IN BOX #201X	WALK-IN BOX #201X	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021Y	BELTSVILLE	ALL OTHER	WALK-IN BOX #201Y	WALK-IN BOX #201Y	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02021Z	BELTSVILLE	ALL OTHER	WALK-IN BOX #201Z	WALK-IN BOX #201Z	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022A	BELTSVILLE	ALL OTHER	WALK-IN BOX #202A	WALK-IN BOX #202A	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022B	BELTSVILLE	ALL OTHER	WALK-IN BOX #202B	WALK-IN BOX #202B	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022C	BELTSVILLE	ALL OTHER	WALK-IN BOX #202C	WALK-IN BOX #202C	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022D	BELTSVILLE	ALL OTHER	WALK-IN BOX #202D	WALK-IN BOX #202D	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022E	BELTSVILLE	ALL OTHER	WALK-IN BOX #202E	WALK-IN BOX #202E	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022F	BELTSVILLE	ALL OTHER	WALK-IN BOX #202F	WALK-IN BOX #202F	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022G	BELTSVILLE	ALL OTHER	WALK-IN BOX #202G	WALK-IN BOX #202G	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022H	BELTSVILLE	ALL OTHER	WALK-IN BOX #202H	WALK-IN BOX #202H	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022I	BELTSVILLE	ALL OTHER	WALK-IN BOX #202I	WALK-IN BOX #202I	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022J	BELTSVILLE	ALL OTHER	WALK-IN BOX #202J	WALK-IN BOX #202J	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022K	BELTSVILLE	ALL OTHER	WALK-IN BOX #202K	WALK-IN BOX #202K	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022L	BELTSVILLE	ALL OTHER	WALK-IN BOX #202L	WALK-IN BOX #202L	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022M	BELTSVILLE	ALL OTHER	WALK-IN BOX #202M	WALK-IN BOX #202M	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022N	BELTSVILLE	ALL OTHER	WALK-IN BOX #202N	WALK-IN BOX #202N	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022O	BELTSVILLE	ALL OTHER	WALK-IN BOX #202O	WALK-IN BOX #202O	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022P	BELTSVILLE	ALL OTHER	WALK-IN BOX #202P	WALK-IN BOX #202P	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022Q	BELTSVILLE	ALL OTHER	WALK-IN BOX #202Q	WALK-IN BOX #202Q	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022R	BELTSVILLE	ALL OTHER	WALK-IN BOX #202R	WALK-IN BOX #202R	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022S	BELTSVILLE	ALL OTHER	WALK-IN BOX #202S	WALK-IN BOX #202S	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022T	BELTSVILLE	ALL OTHER	WALK-IN BOX #202T	WALK-IN BOX #202T	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022U	BELTSVILLE	ALL OTHER	WALK-IN BOX #202U	WALK-IN BOX #202U	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022V	BELTSVILLE	ALL OTHER	WALK-IN BOX #202V	WALK-IN BOX #202V	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022W	BELTSVILLE	ALL OTHER	WALK-IN BOX #202W	WALK-IN BOX #202W	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022X	BELTSVILLE	ALL OTHER	WALK-IN BOX #202X	WALK-IN BOX #202X	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022Y	BELTSVILLE	ALL OTHER	WALK-IN BOX #202Y	WALK-IN BOX #202Y	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02022Z	BELTSVILLE	ALL OTHER	WALK-IN BOX #202Z	WALK-IN BOX #202Z	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023A	BELTSVILLE	ALL OTHER	WALK-IN BOX #203A	WALK-IN BOX #203A	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023B	BELTSVILLE	ALL OTHER	WALK-IN BOX #203B	WALK-IN BOX #203B	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023C	BELTSVILLE	ALL OTHER	WALK-IN BOX #203C	WALK-IN BOX #203C	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023D	BELTSVILLE	ALL OTHER	WALK-IN BOX #203D	WALK-IN BOX #203D	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023E	BELTSVILLE	ALL OTHER	WALK-IN BOX #203E	WALK-IN BOX #203E	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023F	BELTSVILLE	ALL OTHER	WALK-IN BOX #203F	WALK-IN BOX #203F	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023G	BELTSVILLE	ALL OTHER	WALK-IN BOX #203G	WALK-IN BOX #203G	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023H	BELTSVILLE	ALL OTHER	WALK-IN BOX #203H	WALK-IN BOX #203H	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023I	BELTSVILLE	ALL OTHER	WALK-IN BOX #203I	WALK-IN BOX #203I	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023J	BELTSVILLE	ALL OTHER	WALK-IN BOX #203J	WALK-IN BOX #203J	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023K	BELTSVILLE	ALL OTHER	WALK-IN BOX #203K	WALK-IN BOX #203K	1995	138	\$30.36	\$23,294.40	\$23,324.76
MARYLAND	1202B02023L									

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Dwelling Non-Critical		
								DM Critical	DM Non-Critical	DM Total
1203B0218A	MARYLAND	BELTSVILLE	OFFICE	TRAILER, OFFICE	OFFICE TRAILER #218P	1997	360	\$1,327.44	\$1,370.06	\$3,697.50
1203B0218B	MARYLAND	BELTSVILLE	WAREHOUSES	TRAILER, WAREHOUSE	TRAILER #218Q	1997	2580	\$0.00	\$0.00	\$0.00
1203B0218C	MARYLAND	BELTSVILLE	FAMILY HOUSING	RESIDENCE	RESIDENCE #218A	1998	181	\$0.00	\$136.51	\$136.51
1203B0218D	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #218B	1998	181	\$0.00	\$0.00	\$0.00
1203B0301A	MARYLAND	BELTSVILLE	SERVICE	SHOP	EQUIPMENT MAINT. SHOP #301B	1967	1877	\$58,239.63	\$9,673.78	\$67,913.41
1203B0301B	MARYLAND	BELTSVILLE	GARAGE, SERVICE	GARAGE, SERVICE	GARAGE #301C	1967	4205	\$51,305.50	\$37,656.76	\$88,962.26
1203B0301C	MARYLAND	BELTSVILLE	SERVICE	GARAGE, SERVICE	GARAGE #301D	1967	3084	\$48,561.39	\$34,961.23	\$83,522.62
1203B0301D	MARYLAND	BELTSVILLE	SERVICE	GARAGE, SERVICE	GARAGE #301E	1967	4032	\$50,153.57	\$36,107.50	\$86,261.07
1203B0301E	MARYLAND	BELTSVILLE	SERVICE	ALL OTHER	FARM VEHIC. WASH/DOWN FAC.#301F	1991	530	\$3,437.03	\$1,470.56	\$4,907.59
1203B0301F	MARYLAND	BELTSVILLE	SERVICE	SHOP	MAINTENANCE SHOP #301H	1999	4644	\$1,123.12	\$1,470.56	\$2,593.68
1203B0301G	MARYLAND	BELTSVILLE	SERVICE	LOG LODGE #301A	LOG LODGE #301A	1967	617	\$4,005.00	\$77,660.00	\$81,665.00
1203B0301H	MARYLAND	BELTSVILLE	WAREHOUSES	WAREHOUSE CENTER	WAREHOUSE #301B	1983	4944	\$64,005.72	\$77,225.56	\$131,231.28
1203B0301I	MARYLAND	BELTSVILLE	WAREHOUSES	WAREHOUSE	SOLVENT STORAGE #301A	1995	79	\$0.00	\$0.00	\$0.00
1203B0301J	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #301A	1995	79	\$0.00	\$0.00	\$0.00
1203B0301K	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #307B	2003	52900	\$11,398.32	\$9,265.32	\$20,663.64
1203B0301L	MARYLAND	BELTSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #307C	2003	50780	\$2,095.20	\$829.44	\$2,924.64
1203B0301M	MARYLAND	BELTSVILLE	ALL OTHER	ALL OTHER	WALK-IN-BOX #308A	1995	38	\$30.36	\$23,294.40	\$23,324.76
1203B0301N	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SMALL ANIMAL FACILITY #308C	1992	3821	\$80,512.32	\$52,101.92	\$141,614.22
1203B0301O	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #308D	2000	288	\$0.00	\$0.00	\$0.00
1203B0301P	MARYLAND	BELTSVILLE	ALL OTHER	HAZ. WASTE MARSHALLING #312A	HAZ. WASTE MARSHALLING #312A	1990	172	\$140.27	\$341.78	\$482.02
1203B0301Q	MARYLAND	BELTSVILLE	ALL OTHER	HAZMAT FACILITY	HAZMAT FACILITY #312B	1990	121	\$98.68	\$240.42	\$339.10
1203B0301R	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY #312C	1990	121	\$98.68	\$240.42	\$339.10
1203B0301S	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY #312D	1990	121	\$98.68	\$240.42	\$339.10
1203B0301T	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY #312E	1990	121	\$98.68	\$240.42	\$339.10
1203B0301U	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY #312F	1990	121	\$98.68	\$240.42	\$339.10
1203B0301V	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY #312G	1990	121	\$98.68	\$240.42	\$339.10
1203B0301W	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY #312H	1990	121	\$98.68	\$240.42	\$339.10
1203B0301X	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY #312I	1990	121	\$98.68	\$240.42	\$339.10
1203B0301Y	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY #312J	1990	121	\$98.68	\$240.42	\$339.10
1203B0301Z	MARYLAND	BELTSVILLE	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY #312K	1990	121	\$98.68	\$240.42	\$339.10
1203B04001A	MARYLAND	BELTSVILLE	OFFICE	ANIMAL FACILITY, ALL OTHER	ANIMAL QUARANT. BLDG #315B	1940	1320	\$4,878.44	\$3,915.26	\$8,793.70
1203B04001B	MARYLAND	BELTSVILLE	OFFICE	OFFICE	OFFICE BUILDING #476A	1993	3005	\$23,569.77	\$16,973.05	\$40,542.82
1203B04001C	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #470B	1962	5253	\$58,774.20	\$0.00	\$58,774.20
1203B04001D	MARYLAND	BELTSVILLE	ALL OTHER	INSECT FACILITY	BEE HOUSE #484A	1991	212	\$1,082.36	\$45.20	\$1,127.56
1203B04001E	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING #1128A	1997	360	\$0.00	\$0.00	\$0.00
1203B04001F	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	MILKING PARLOR #178-1	1970	3430	\$180,716.52	\$10,380.36	\$191,096.88
1203B04001G	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	PRELST. BARN #178-2	1994	30584	\$1,001.36	\$0.00	\$1,001.36
1203B04001H	MARYLAND	BELTSVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE #470D	1967	156	\$11,572.68	\$0.00	\$11,572.68
1203B04001I	MARYLAND	BELTSVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE #470E	1967	156	\$11,572.68	\$0.00	\$11,572.68
1203B04001J	MARYLAND	BELTSVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE #470F	1967	156	\$11,572.68	\$0.00	\$11,572.68
1203B04001K	MARYLAND	BELTSVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE #470HH	1967	156	\$11,572.68	\$0.00	\$11,572.68
1203B04001L	MARYLAND	BELTSVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE #470II	1967	156	\$11,572.68	\$0.00	\$11,572.68
1203B04001M	MARYLAND	BELTSVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE #484-1	1972	1440	\$11,729.96	\$3,261.36	\$15,610.32
1203B04001N	MARYLAND	BELTSVILLE	OFFICE	OFFICE	OFFICE #513	1933	1845	\$11,890.80	\$82,345.80	\$138,935.60
1203B04001O	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BULL BARN #527	1933	6320	\$70,258.93	\$28,034.20	\$125,604.14
1203B04001P	MARYLAND	BELTSVILLE	ALL OTHER	RESIDENCE #531	RESIDENCE #531	1993	4080	\$25,918.38	\$49,490.53	\$75,408.91
1203B04001Q	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL FACILITY #541	1942	278	\$0.00	\$0.00	\$0.00
1203B04001R	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #541	1942	278	\$0.00	\$0.00	\$0.00
1203B04001S	MARYLAND	BELTSVILLE	LABORATORIES	LABORATORY	LABORATORY #543	1938	5045	\$196,132.80	\$94,382.75	\$280,515.55
1203B04001T	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG SHED #555	1959	320	\$0.00	\$0.00	\$0.00
1203B04001U	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG SHED #555	1959	320	\$0.00	\$0.00	\$0.00
1203B04001V	MARYLAND	BELTSVILLE	SERVICE	AVIATION	HANGAR #606	1972	5261	\$46,508.56	\$12,002.37	\$58,511.53
1203B04001W	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #607	2004	4000	\$0.00	\$0.00	\$0.00
1203B04001X	MARYLAND	BELTSVILLE	WAREHOUSES	GARAGE	GARAGE - RESIDENCE #513A	1938	996	\$756.96	\$14,111.66	\$14,868.62
1203B04001Y	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	SHED #513B	1997	100	\$0.00	\$0.00	\$0.00
1203B04001Z	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002A	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002B	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002C	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002D	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002E	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002F	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002G	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002H	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002I	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002J	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002K	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002L	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002M	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002N	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002O	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002P	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002Q	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002R	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002S	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002T	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002U	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002V	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002W	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002X	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002Y	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82
1203B04002Z	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #538	1958	193	\$0.00	\$1,502.82	\$1,502.82

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	DM Critical	Discrete Maintenance		
									DM Critical	DM Non-Critical	DM Total
123080053E	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #33E	1956	193	\$0.00	\$1,503.82	\$1,503.82	
123080053F	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #33F	1956	193	\$0.00	\$1,503.82	\$1,503.82	
123080053G	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #33G	1956	192	\$0.00	\$1,502.82	\$1,502.82	
123080054A	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #34A	1942	460	\$0.00	\$0.00	\$0.00	
123080054B	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #34B	1942	460	\$0.00	\$0.00	\$0.00	
123080054C	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #34C	1942	460	\$0.00	\$0.00	\$0.00	
123080054D	MARYLAND	BELTSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOG HOUSE #34D	1942	460	\$0.00	\$0.00	\$0.00	
123080054E	MARYLAND	BELTSVILLE	WAREHOUSES	SHED, STORAGE	METAL #660A	2001	96	\$0.00	\$0.00	\$0.00	
123080054F	MARYLAND	BELTSVILLE	WAREHOUSES	WAREHOUSES	METAL SHED #538-1	1971	1538	\$0.00	\$1,664.55	\$1,664.55	
123080060B	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	STORAGE BUILDING	GARDEN STORAGE #NA8	1991	86	\$46.11	\$0.00	\$46.11	
123080060C	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	REST ROOM (SEPARATE BUILDING)	M' STREET RESTROOMS #NA9*	1957	465	\$12,887.94	\$4,141.94	\$16,879.88	
123080061A	DISTRICT OF COLUMBIA	WASHINGTON, DC	SERVICE	SHOP	SHOP #NA12	1957	5500	\$41,750.46	\$4,831.42	\$46,581.88	
123080061B	DISTRICT OF COLUMBIA	WASHINGTON, DC	SERVICE	SHOP	EQUIPMENT SHOP #NA13	1959	2100	\$15,941.09	\$1,844.72	\$17,785.81	
123080061C	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	STORAGE BUILDING	HEAVY EQUIPMENT STORAGE #NA14	1959	2480	\$22,164.85	\$38,436.46	\$60,601.31	
123080061D	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	STORAGE BUILDING	EQUIPMENT/SUPPLY STORAGE #NA15	1950	4900	\$38,828.34	\$0.00	\$38,828.34	
123080061E	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	GARAGE	8-BAY BRICK GARAGE #NA16	1959	2418	\$27,744.43	\$11,801.41	\$39,545.84	
123080061F	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE #NA18	1961	22492	\$154,631.64	\$468,157.34	\$622,788.98	
123080061G	DISTRICT OF COLUMBIA	WASHINGTON, DC	OFFICE	OFFICE	ADMINISTRATION BUILDING #NA19	1963	39415	\$541,594.47	\$271,841.38	\$813,435.85	
123080061H	DISTRICT OF COLUMBIA	WASHINGTON, DC	SERVICE	SHOP	ARBOR HOUSE/GIFT SHOP #NA20	1961	2700	\$20,495.68	\$2,371.79	\$22,867.47	
123080061I	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	REST ROOM (SEPARATE BUILDING)	CHINA VALLEY RESTROOMS #NA22	1957	284	\$7,749.19	\$2,529.70	\$10,278.90	
123080061J	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	STORAGE BUILDING	POT STORAGE #NA24	1971	500	\$416.58	\$1,546.12	\$1,962.70	
123080061K	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	CHEMICAL STORAGE	FLAM. LIQUID STORAGE #NA25	1971	220	\$1,717.50	\$15,188.86	\$16,906.36	
123080061L	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	PAVILION, ALL OTHER	JAPANESE BONSAI PAVILION #NA27	1977	8450	\$283,139.41	\$70,125.75	\$353,665.17	
123080061M	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	ALL OTHER	HERB GARDEN POTTING #NA28	1979	287	\$1,604.43	\$0.00	\$1,604.43	
123080061N	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	ALL OTHER	SPRING HOUSE #NA31	1928	400	\$15,108.28	\$1,870.69	\$16,978.97	
123080061O	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	ALL OTHER	SPRING HOUSE #NA32	1928	400	\$15,108.28	\$1,870.69	\$16,978.97	
123080061P	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	ALL OTHER	R' STREET GUARDHOUSE #NA40*	1961	148	\$1,162.96	\$165.22	\$1,328.18	
123080061Q	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	ALL OTHER	LOCKER RM. (BRICKYARD) #NA47	1941	956	\$11,173.82	\$47,359.77	\$58,533.58	
123080061R	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	ALL OTHER	DRYING TUNNEL (BRICKYD) #NA48	1927	3480	\$40,274.56	\$172,397.47	\$213,072.04	
123080061S	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	CHEMICAL STORAGE	CHEM. MARSHALLING FAC. #NA13A	1980	183	\$60.80	\$0.00	\$60.80	
123080061T	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	SCREENHOUSE	LATH HOUSE #NA17A	1999	15000	\$0.00	\$0.00	\$0.00	

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sqft	Estimated Maintenance		
								DM Critical	DM Non-Critical	DM Total
1230B0018A	DISTRICT OF COLUMBIA	WASHINGTON, DC	LABORATORIES	TRAILER, LABORATORY	TISSUE CULTURE TRAILER #NA21A	2002	696	\$353.90	\$0.00	\$353.90
1230B0020A	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	REST ROOM (SEPARATE BUILDING)	ARBOR HOUSE RESTROOMS #NA20A	1985	1033	\$28,186.33	\$9,201.35	\$37,387.68
1230B0023A	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	SCREENHOUSE	POLYHOUSE #NA23A	1974	2592	\$40,865.51	\$93,452.27	\$134,317.79
1230B0023B	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	SCREENHOUSE	POLYHOUSE #NA23B	1974	2592	\$40,865.51	\$93,452.27	\$134,317.79
1230B0023C	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	SCREENHOUSE	POLYHOUSE #NA23C	1974	2592	\$40,865.51	\$93,452.27	\$134,317.79
1230B0023D	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	SCREENHOUSE	POLYHOUSE #NA23D	1976	2592	\$40,865.51	\$93,452.27	\$134,317.79
1230B0023E	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	SCREENHOUSE	POLYHOUSE #NA23E	1976	2592	\$40,865.51	\$93,452.27	\$134,317.79
1230B0023F	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	SCREENHOUSE	POLYHOUSE #NA23F	1991	2459	\$0.00	\$0.00	\$0.00
1230B0023G	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	SCREENHOUSE	POLYHOUSE #NA23G	1991	2459	\$0.00	\$0.00	\$0.00
1230B0023H	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	SCREENHOUSE	POLYHOUSE #NA23H	1991	2459	\$0.00	\$0.00	\$0.00
1230B0026A	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	SHED, STORAGE	TOOL SHED #NA26A	1960	60	\$527.67	\$1,623.64	\$2,151.31
1230B0026B	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	SHED, STORAGE	TOOL SHED #NA26B	1960	60	\$527.67	\$1,623.64	\$2,151.31
1230B0026L	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	SHED, STORAGE	TOOL SHED #NA26L	2005	336	\$0.00	\$0.00	\$0.00
1230B0026M	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	SHED, STORAGE	TOOL SHED #NA26M	2006	48	\$0.00	\$0.00	\$0.00
1230B0026N	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	SHED, STORAGE	TOOL SHED #NA26N	2006	112	\$0.00	\$0.00	\$0.00
1230B0026O	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	SHED, STORAGE	TOOL SHED #NA26O	2006	112	\$0.00	\$0.00	\$0.00
1230B0026P	DISTRICT OF COLUMBIA	WASHINGTON, DC	WAREHOUSES	SHED, STORAGE	TOOL SHED #NA26P	2006	48	\$0.00	\$0.00	\$0.00
1230B0027A	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	PAVILION, ALL OTHER	NORTH AMER. PAVILION #NA27A	1991	4616	\$40,400.82	\$23,190.08	\$63,590.90
1230B0027B	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	PAVILION, ALL OTHER	CHINESE PAVILION #NA27B	1996	8784	\$76,880.60	\$44,129.47	\$121,010.06
1230B0027C	DISTRICT OF COLUMBIA	WASHINGTON, DC	ALL OTHER	PAVILION, ALL OTHER	INTERNATIONAL PAVILIONS #NA27C	1996	4337	\$37,958.92	\$21,788.42	\$59,747.34
1275B00046	MAINE	GLENN DALE	WAREHOUSES	GARAGE	GARAGE #EG046	1991	771	\$1,121.10	\$3,627.01	\$4,748.11
1300B00001	MAINE	CHAPMAN	WAREHOUSES	CHANGING FACILITY, SERVICE	QUARANTINE CHANGE FAC. #001	1971	310	\$3,350.31	\$7,901.48	\$11,251.79
1300B00002	MAINE	CHAPMAN	WAREHOUSES	STORAGE BUILDING	FARM MACHINE STORAGE #002	1987	3000	\$3,254.41	\$0.00	\$3,254.41
1300B00003	MAINE	CHAPMAN	WAREHOUSES	STORAGE BUILDING	POTATO STORAGE #003	1988	2400	\$56,954.47	\$0.00	\$56,954.47
1400B00001	MAINE	PRESQUE ISLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #001	1954	407	\$3,919.15	\$1,174.38	\$5,093.53
1400B00003	MAINE	PRESQUE ISLE	LABORATORIES	BARN	BARN #003	1976	2099	\$80,906.49	\$1,375.24	\$82,281.73
1400B00005	MAINE	PRESQUE ISLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #005	1967	700	\$7,409.27	\$1,935.72	\$9,344.99
1400B00006	MAINE	PRESQUE ISLE	LABORATORIES	STORAGE BUILDING	STORAGE #006	1968	1188	\$28,192.46	\$0.00	\$28,192.46
1400B00007	MAINE	PRESQUE ISLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY #007	1985	1166	\$16,513.48	\$9,766.50	\$26,279.99
190200B001	PENNSYLVANIA	STATE COLLEGE	ALL OTHER	GREENHOUSE	GREENHOUSE 1	1936	3232	\$513.24	\$90,957.41	\$91,470.65
190200B002	PENNSYLVANIA	STATE COLLEGE	ALL OTHER	GREENHOUSE	GREENHOUSE 2	1936	3131	\$497.20	\$88,114.99	\$88,612.19
190200B004	PENNSYLVANIA	STATE COLLEGE	LABORATORIES	LABORATORY 4	LABORATORY 4	1937	2496	\$885,152.43	\$380,152.43	\$1,265,304.86
190200B005	PENNSYLVANIA	STATE COLLEGE	ALL OTHER	HEADHOUSE	HEADHOUSE & GARAGE S	1959	3100	\$41,054.31	\$1,979.59	\$43,033.90

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	Estimated Maintenance		
								DM Critical	DM Non-Critical	DM Total
1902008007	PENNSYLVANIA	KLINGERSTOWN	LABORATORY	OFFICE	OFFICE 71 LAB	1967	2460	\$33,032.83	\$16,794.82	\$49,827.65
1902008008	PENNSYLVANIA	KLINGERSTOWN	WAREHOUSES	WAREHOUSES	GARAGE #2 VEHICLE & EQUIPMENT	1979	4725	\$39,231.19	\$0.00	\$39,231.19
1902008009	PENNSYLVANIA	KLINGERSTOWN	WAREHOUSES	WAREHOUSES	STORAGE	1980	160	\$177.85	\$0.00	\$177.85
1902008010	PENNSYLVANIA	KLINGERSTOWN	WAREHOUSES	WAREHOUSES	GARAGE #1 VEHICLE & EQUIPMENT	1967	3200	\$6,561.37	\$12,932.42	\$39,493.79
1902008011	PENNSYLVANIA	KLINGERSTOWN	WAREHOUSES	WAREHOUSES	STORAGE (FORMER RESEARCH 101)	1987	1200	\$10,365.55	\$1,148.55	\$11,514.10
1902008012	PENNSYLVANIA	KLINGERSTOWN	SERVICE	SERVICE	GARAGE #2	1972	1600	\$16,286.74	\$1,284.17	\$17,572.91
1902008014	PENNSYLVANIA	NOT IN LIST	WAREHOUSES	WAREHOUSES	FABRICATION SHOP (FORMER RESEARCH BLDG 12)	1968	3940	\$84,135.87	\$0.00	\$84,135.87
1902008015	PENNSYLVANIA	NOT IN LIST	WAREHOUSES	WAREHOUSES	STORAGE BUILDING	1980	5000	\$10,435.37	\$4,535.60	\$14,970.97
1902008016	PENNSYLVANIA	NOT IN LIST	WAREHOUSES	WAREHOUSES	MACHINE STORAGE 15 (PSU# 996-08)	1981	1600	\$617.95	\$17,467.62	\$18,085.57
1902008017	PENNSYLVANIA	NOT IN LIST	WAREHOUSES	WAREHOUSES	TIMBER STORAGE 16 (PSU# 996-02)	1981	1152	\$22,816.65	\$6,195.34	\$29,011.99
1902008020	PENNSYLVANIA	STATE COLLEGE	LABORATORIES	LABORATORIES	FORAGE DRYER 17 (PSU# 996-07)	1970	2874	\$16,785.94	\$9,831.30	\$156,617.24
1902008021	PENNSYLVANIA	STATE COLLEGE	ALL OTHER	ALL OTHER	LABORATORY/OFFICE 20 (PSU #99603)	1981	144	\$564.37	\$16,232.60	\$16,796.96
1902008022	PENNSYLVANIA	STATE COLLEGE	WAREHOUSES	WAREHOUSES	GREENHOUSE 21	1988	128	\$0.00	\$0.00	\$0.00
1902008023	PENNSYLVANIA	STATE COLLEGE	WAREHOUSES	WAREHOUSES	SPEED STORAGE	1979	1252	\$12,734.59	\$0.00	\$12,734.59
1902008024	PENNSYLVANIA	KLINGERSTOWN	ALL OTHER	ALL OTHER	POLE BARN- HOUSES FUEL AST	2003	130	\$0.00	\$0.00	\$0.00
1902008027	PENNSYLVANIA	STATE COLLEGE	ALL OTHER	ALL OTHER	HEADHOUSE/ GREENHOUSE #4	1972	5000	\$35,383.57	\$3,485.23	\$38,868.80
1907008002	NEW YORK	ITHACA	LABORATORIES	LABORATORIES	(PSU#996-04)	1940	47535	\$982,684.23	\$898,088.50	\$1,880,772.74
1907008003	NEW YORK	ITHACA	ALL OTHER	ALL OTHER	LABORATORY/OFFICE 2	1941	1130	\$14,270.94	\$688.13	\$14,959.06
1907008004	NEW YORK	ITHACA	GREENHOUSE	GREENHOUSE	HEADHOUSE 3	1941	5152	\$787.16	\$139,501.86	\$140,289.02
1907008005	NEW YORK	ITHACA	WAREHOUSES	WAREHOUSES	GARAGE 5	1942	875	\$0.00	\$15,757.94	\$15,757.94
1907008062	NEW YORK	ITHACA	OFFICE	OFFICE	TRAILER 62	1972	720	\$25,662.56	\$6,346.94	\$32,009.50
1907008063	NEW YORK	PHRITSBURG	ALL OTHER	ALL OTHER	SCREENHOUSE 63	1977	4608	\$79,715.69	\$182,295.83	\$262,011.52
1907008064	NEW YORK	PHRITSBURG	ALL OTHER	ALL OTHER	BUILDING 64	1971	3600	\$241,678.82	\$0.00	\$241,678.82
1907008070	NEW YORK	ITHACA	ALL OTHER	ALL OTHER	SCREENHOUSE 70	1982	2766	\$240,870.00	\$0.00	\$240,870.00
1908008011	NEW YORK	GENEVA	LABORATORIES	LABORATORIES	MAIN UNIT 11	1988	4434	\$14,697.98	\$98,353.00	\$249,149.00
1908008012	NEW YORK	GENEVA	ALL OTHER	ALL OTHER	HEADHOUSE/ GREENHOUSE 12	1988	1800	\$11,960.44	\$34,836.03	\$11,960.44
1908008013	NEW YORK	GENEVA	ALL OTHER	ALL OTHER	INSECT FACILITY	1991	2410	\$6,324.60	\$30,489.90	\$16,814.50
1908008014	NEW YORK	GENEVA	ALL OTHER	ALL OTHER	HEADHOUSE 14	1990	2880	\$196.13	\$196.13	\$196.13
1908008015	NEW YORK	GENEVA	ALL OTHER	ALL OTHER	GREENHOUSE 15	1991	2720	\$185.23	\$0.00	\$185.23
1908008016	NEW YORK	GENEVA	ALL OTHER	ALL OTHER	GREENHOUSE 16	1991	2720	\$185.23	\$0.00	\$185.23
1908008017	NEW YORK	GENEVA	ALL OTHER	ALL OTHER	HEADHOUSE 17	2003	2400	\$6,298.36	\$30,363.38	\$36,661.75
1908008018	NEW YORK	GENEVA	ALL OTHER	ALL OTHER	GREENHOUSE 18	2003	2800	\$0.00	\$0.00	\$0.00
1908008041	NEW YORK	GENEVA	ALL OTHER	ALL OTHER	POLE BARN 41	1993	3600	\$58,014.70	\$0.00	\$58,014.70
1908008042	NEW YORK	GENEVA	HAZMAT FACILITY	HAZMAT FACILITY	HAZARDOUS WASTE BUILDING 42	1992	58	\$46.16	\$12.47	\$158.64
1908008043	NEW YORK	GENEVA	BARN, STORAGE	BARN, STORAGE	POLE BARN/SHED 61	1991	12000	\$0.00	\$0.00	\$0.00
1908008051	NEW YORK	GENEVA	GREENHOUSE	GREENHOUSE	CLONE OFFICE BUILDING	2001	2240	\$20,824.91	\$11,953.50	\$32,778.42
1908008052	NEW YORK	GENEVA	GREENHOUSE	GREENHOUSE	GREENHOUSE 10	1991	2240	\$0.00	\$0.00	\$0.00
1908008053	NEW YORK	GENEVA	GREENHOUSE	GREENHOUSE	HEADHOUSE/ GREENHOUSE 1	1973	1117	\$15,550.63	\$1,531.71	\$17,082.34
1913008001	MAINE	ORONO	LABORATORIES	LABORATORIES	OFFICE/LABORATORY 2	1973	10658	\$277,410.97	\$65,780.66	\$293,201.63
1913008002	MAINE	ORONO	LABORATORIES	LABORATORIES	HEADHOUSE/ GREENHOUSE	1973	10045	\$73,786.50	\$7,267.85	\$81,054.35
1913008003	MAINE	ORONO	LABORATORIES	LABORATORIES	RESEARCH OFFICE/LABORATORY	1973	1760	\$0.00	\$0.00	\$0.00
1913008004	MAINE	ORONO	ALL OTHER	ALL OTHER	HEADHOUSE/ GREENHOUSE	2000	3260	\$0.00	\$0.00	\$0.00
1913008005	MAINE	ORONO	WAREHOUSES	WAREHOUSES	WORK SPACE BUILDING	2000	3260	\$0.00	\$0.00	\$0.00
1926058002	DELAWARE	PRESQUE ISLE	WAREHOUSES	WAREHOUSES	FARM STORAGE BUILDING	1976	1800	\$2,759.29	\$0.00	\$2,759.29
1926058003	DELAWARE	NEWARK	ALL OTHER	ALL OTHER	HEADHOUSE 2	1976	1100	\$5,373.75	\$0.00	\$5,373.75
1926058004	DELAWARE	NEWARK	ALL OTHER	ALL OTHER	GREENHOUSE 3	1976	300	\$1,828.75	\$0.00	\$1,828.75
1926058005	DELAWARE	NEWARK	OFFICE	OFFICE	INSECT FACILITY	2006	3400	\$0.00	\$0.00	\$0.00
1926058006	DELAWARE	NEWARK	OFFICE	OFFICE	OFFICE BUILDING	1977	1164	\$1,475.93	\$0.00	\$1,475.93
1926138004	NEW JERSEY	CHATSORTH	ALL OTHER	ALL OTHER	HEADHOUSE #2	1977	2880	\$15,677.92	\$31,122.48	\$46,800.40

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	UN Critical	Disaster Maintenance	
									DM Non-Critical	DM Total
192810B005	NEW JERSEY	CHATS WORTH	ALL OTHER	HEADHOUSE	HEADHOUSE-NEW #5	1994	2880	\$3,246.87	\$3,246.87	\$3,246.87
192810B006	NEW JERSEY	CHATS WORTH	ALL OTHER	HEADHOUSE	HEADHOUSE #6	1970	784	\$7,580.51	\$865.52	\$8,446.03
192810B008	NEW JERSEY	CHATS WORTH	ALL OTHER	GREENHOUSE	GREENHOUSE #8	1970	1296	\$1,603.52	\$1,603.52	\$1,603.52
192810B100	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #100	1987	1344	\$74.53	\$57,181.83	\$57,256.36
192810B300	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #200	1987	1344	\$74.53	\$57,181.83	\$57,256.36
192810B400	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #400	1991	1344	\$11,646.76	\$9,104.50	\$20,751.26
192810B400	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #400	1996	1344	\$11,646.76	\$9,104.50	\$20,751.26
192810B400	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #500	1996	1344	\$179.87	\$138,017.94	\$138,192.82
192810B400	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #600	1996	1344	\$179.87	\$138,017.94	\$138,192.82
192810B400	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #800	1996	1344	\$179.87	\$138,017.94	\$138,192.82
192810B400	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #800	1996	1344	\$179.87	\$138,017.94	\$138,192.82
192810B400	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #900	1996	1344	\$179.87	\$138,017.94	\$138,192.82
192810B400	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #1000	1996	1344	\$179.87	\$138,017.94	\$138,192.82
1928131000	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	COLD FRAME #1200	1997	849	\$763.72	\$9,853.17	\$10,616.89
1928131100	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	PUMP HOUSE #1	1999	96	\$83.86	\$1,081.92	\$1,165.78
1928131200	NEW JERSEY	CHATS WORTH	ALL OTHER	ALL OTHER	PUMP HOUSE #2	1999	96	\$83.86	\$1,081.92	\$1,165.78
1928131300	NEW JERSEY	CHATS WORTH	SERVICE	PUMPHOUSE, SERVICE	PUMPHOUSE, SERVICE	2001	28000	\$35,459.75	\$19,351.70	\$54,811.45
1928131300	NEW JERSEY	CHATS WORTH	SERVICE	PUMPHOUSE, SERVICE	TRAIN LAB	2001	21000	\$2,318.55	\$0.00	\$2,318.55
193000B001	WEST VIRGINIA	LEETOWN	LABORATORIES	ALL OTHER	TANK BUILDING	2001	900	\$0.00	\$0.00	\$0.00
193000B003	WEST VIRGINIA	LEETOWN	ALL OTHER	WATER SYSTEM BUILDING	GOZINE BUILDING	2001	900	\$0.00	\$0.00	\$0.00
193000B004	WEST VIRGINIA	LEETOWN	ALL OTHER	WATER SYSTEM BUILDING	WATER SYSTEM BUILDING	2001	1848	\$4,811.00	\$0.00	\$4,811.00
193000B005	WEST VIRGINIA	LEETOWN	ALL OTHER	WATER SYSTEM BUILDING	GAC AND WATER TREATMENT BLDG	2001	445	\$0.00	\$0.00	\$0.00
193000B006	WEST VIRGINIA	LEETOWN	ALL OTHER	WATER SYSTEM BUILDING	ULTRA VIOLET BUILDING	2001	445	\$0.00	\$0.00	\$0.00
193000B007	WEST VIRGINIA	LEETOWN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BRADY FISH BUILDING	2008	7200	\$0.00	\$0.00	\$0.00
193000B008A	WEST VIRGINIA	LEETOWN	WAREHOUSES	GARAGE	GARAGE	2001	1100	\$0.00	\$0.00	\$0.00
193000B008	WEST VIRGINIA	LEETOWN	WAREHOUSES	PUMPHOUSE, SERVICE	Pump Building B	2001	215	\$0.00	\$0.00	\$0.00
193000B008	WEST VIRGINIA	LEETOWN	ALL OTHER	ALL OTHER	Farm Center, GRADER BLD/STORAGE	1979	18000	\$8,424.23	\$28,387.26	\$36,811.49
193101B004	WEST VIRGINIA	KEARNEYSVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY 1	1979	59000	\$888,469.86	\$1,106,594.64	\$1,995,064.50
193101B004	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Permethrin/Pesticide Shed	2007	1800	\$0.00	\$0.00	\$0.00
193101B004	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Permethrin/Pesticide Shed	2007	1800	\$0.00	\$0.00	\$0.00
193101B004	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Permethrin/Pesticide Shed	2007	1800	\$0.00	\$0.00	\$0.00
193101B00C	WEST VIRGINIA	KEARNEYSVILLE	SERVICE	HAZMAT FACILITY	Hazmat Storage Shed	1979	225	\$2,295.00	\$1,516.00	\$3,811.00
193101B00D	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 1	1979	64	\$0.00	\$0.00	\$0.00
193101B00D	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 2	1979	64	\$0.00	\$0.00	\$0.00
193101B00E	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 3	1979	64	\$0.00	\$0.00	\$0.00
193101B00F	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 4	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA	KEARNEYSVILLE	WAREHOUSES	WAREHOUSE	Field Shed 5	1979	64	\$0.00	\$0.00	\$0.00
193101B00H	WEST VIRGINIA									

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Derivatives Maintenance		
								DM Critical	DM Non-Critical	DM Total
19350258002	WEST VIRGINIA	BEAVER	LABORATORIES	RESEARCH OFFICE/LABORATORY	HYDROLOGY LABORATORY 02	1979	7664	\$127,889.71	\$25,015.14	\$153,453.88
19350258003	WEST VIRGINIA	BEAVER	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE BUILDING 3	1984	400	\$415.98	\$0	\$415.98
19350258004	WEST VIRGINIA	BEAVER	WAREHOUSES	STORAGE BUILDING	EQUIPMENT STORAGE 4	1984	2424	\$911.64	\$0	\$911.64
19350258005	WEST VIRGINIA	BEAVER	SERVICE	SHOP	SHOPS BUILDING	1986	3276	\$144,044.82	\$40,270.81	\$184,415.64
19350258006	WEST VIRGINIA	BEAVER	LABORATORIES	LABORATORY	SOILS BUILDING 05	1984	2405	\$14,768.84	\$5,310.39	\$20,079.23
19350258007	WEST VIRGINIA	BEAVER	LABORATORIES	LABORATORY	PLANTS BUILDING 08	1985	3600	\$22,107.20	\$7,949.03	\$30,056.22
19350258008	WEST VIRGINIA	BEAVER	ALL OTHER	HAZMAT FACILITY	HAZARDOUS WASTE METAL BUILDING	2000	100	\$77.99	\$190.03	\$268.02
19350258009	WEST VIRGINIA	BEAVER	WAREHOUSES	GREENHOUSE	QUONSET GREENHOUSE	1998	1200	\$500	\$0	\$500
19350258010	WEST VIRGINIA	BEAVER	WAREHOUSES	STORAGE GARAGE	STORAGE GARAGE	288	288	\$0	\$0	\$0
19350258011	WEST VIRGINIA	BEAVER	WAREHOUSES	STORAGE GARAGE	STORAGE GARAGE	288	288	\$5,226.93	\$5,411.47	\$10,638.40
19350258012	WEST VIRGINIA	BEAVER	WAREHOUSES	STORAGE GARAGE	STORAGE GARAGE	288	288	\$14,768.84	\$15,310.39	\$29,879.23
19350258013	WEST VIRGINIA	BEAVER	WAREHOUSES	STORAGE GARAGE	STORAGE GARAGE	288	288	\$0	\$0	\$0
19350258014	WEST VIRGINIA	BEAVER	WAREHOUSES	STORAGE GARAGE	STORAGE GARAGE	288	288	\$0	\$0	\$0
19350258015	WEST VIRGINIA	SHADY SPRING	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	GOAT/ SHEEP BARN-RESEARCH	2003	3560	\$0	\$0	\$0
19350258016	WEST VIRGINIA	BEAVER	WAREHOUSES	BARN, STORAGE	POLE BARN MACHINERY STORAGE	2003	3840	\$0	\$0	\$0
19350258017	WEST VIRGINIA	BEAVER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	LIVESTOCK POLE BARN- RESEARCH	2003	800	\$17,310.64	\$18,256.00	\$35,566.64
19350258018	WEST VIRGINIA	BEAVER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	LIVESTOCK POLE BARN- RESEARCH	2003	800	\$17,310.64	\$18,256.00	\$35,566.64
19350258019	WEST VIRGINIA	BEAVER	WAREHOUSES	BARN, STORAGE	STORAGE BARN	360	360	\$167.75	\$5,136.88	\$5,304.63
19350258020	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258021	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258022	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258023	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258024	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258025	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258026	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258027	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258028	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258029	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258030	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258031	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258032	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258033	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258034	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258035	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258036	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258037	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258038	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258039	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258040	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258041	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258042	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258043	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258044	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258045	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258046	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258047	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258048	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258049	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258050	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258051	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258052	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258053	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258054	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258055	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258056	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258057	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258058	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258059	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258060	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258061	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258062	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258063	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258064	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258065	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258066	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258067	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258068	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258069	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258070	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258071	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258072	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258073	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258074	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258075	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258076	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258077	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258078	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258079	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258080	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258081	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258082	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258083	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258084	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258085	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258086	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258087	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258088	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258089	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258090	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258091	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258092	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258093	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258094	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258095	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258096	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258097	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258098	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258099	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258100	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258101	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258102	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258103	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258104	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258105	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258106	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258107	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258108	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258109	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258110	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258111	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258112	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258113	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258114	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258115	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258116	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258117	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258118	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258119	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900	\$0	\$0	\$0
19350258120	WEST VIRGINIA	BEAVER	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	LIVESTOCK BARN	900	900			

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	Decrease Maintenance			
								DN Critical	DN Non-Critical	DM Total	DM Total
3605008062	OHIO	FRESNO	FAMILY HOUSING	RESIDENCE	RESIDENCE #2	1986	2036	\$0,935.49	\$15,383.90	\$26,319.49	
3605008060	OHIO	FRESNO	ALL OTHER	BARN	BARN #0	1935	2915	\$20,312.39	\$20,312.39	\$20,312.39	
3605008061	OHIO	FRESNO	WAREHOUSES	STORAGE BUILDING	POLE BUILDING #1	1983	4200	\$3,369.68	\$0.00	\$3,369.68	
3607008001	OHIO	WOOSTER	LABORATORIES	BARN	BARN #5A	1996	7200	\$0.00	\$0.00	\$0.00	
3607008002	OHIO	WOOSTER	LABORATORIES	LABORATORY	USDA INSECTORY	1968	1575	\$33,160.23	\$0.00	\$33,160.23	
3607008003	OHIO	WOOSTER	ALL OTHER	LABORATORY	USDA VECTOR VIRUS GREENHOUSE	1968	450	\$23,143.89	\$0.00	\$23,143.89	
3607008005	OHIO	WOOSTER	WAREHOUSES	CHEMICAL STORAGE	USDA PLANT PATH GREENHOUSE	1968	4795	\$42,212.28	\$373,535.03	\$415,747.32	
3607008006	OHIO	WOOSTER	LABORATORIES	LABORATORY	USDA SOUTHEAST BLDG	1980	2400	\$52,965.64	\$0.00	\$52,965.64	
3607008013	OHIO	WOOSTER	WAREHOUSES	LABORATORY	USDA SOUTHEAST BLDG	1980	5833	\$14,241.47	\$70,694.26	\$84,936.73	
3611008006	ILLINOIS	URBANA	WAREHOUSES	GREENHOUSE	GREENHOUSE	2004	3280	\$0.00	\$0.00	\$0.00	
3611008007	ILLINOIS	URBANA	ALL OTHER	GREENHOUSE	GREENHOUSE	2006	3120	\$0.00	\$0.00	\$0.00	
3611008107	ILLINOIS	URBANA	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE #94	1982	3582	\$20,615.24	\$2,020.72	\$22,635.96	
3611008194	ILLINOIS	URBANA	LABORATORIES	LABORATORY	FIELD LABORATORY #56	1949	2888	\$37,664.18	\$16,531.59	\$54,195.76	
3611008463	ILLINOIS	URBANA	LABORATORIES	LABORATORY	FIELD LABORATORY #83	1981	4200	\$21,075.81	\$7,531.59	\$28,607.40	
3611008991	ILLINOIS	URBANA	LABORATORIES	LABORATORY	SOYBEAN FIELD LABORATORY #91	1977	9200	\$160,312.58	\$30,973.41	\$191,285.99	
3620008001	ILLINOIS	PEORIA	LABORATORIES	LABORATORY	LABORATORY #1	1939	327268	\$5,574,981.60	\$1,969,710.56	\$7,544,692.16	
3620008002	ILLINOIS	PEORIA	ALL OTHER	UTILITY BUILDING	SOIL WORKS BUILDING #3	1939	12715	\$81,667.92	\$2,949.48	\$84,617.40	
3620008003	ILLINOIS	PEORIA	WAREHOUSES	UTILITY BUILDING	UTILITY BUILDING	1943	2180	\$11,855.79	\$14,083.19	\$25,938.98	
3620008004	ILLINOIS	PEORIA	WAREHOUSES	FEED MILL SERVICE	FEED MILL SERVICE	1943	2180	\$1,684.80	\$6,257.60	\$7,942.40	
3620008005	ILLINOIS	PEORIA	WAREHOUSES	FEED MILL SERVICE	MILLING BUILDING #5	1948	1116	\$5,433.35	\$11,625.20	\$17,058.55	
3620008007	ILLINOIS	PEORIA	SERVICE	LABORATORY	MILLING BUILDING #7	1948	1116	\$5,433.35	\$6,365.20	\$11,798.55	
3620008008	ILLINOIS	PEORIA	LABORATORIES	LABORATORY	CORN GROWTH ROOM #8	1967	838	\$4,470.08	\$0.00	\$4,470.08	
3620008009	ILLINOIS	PEORIA	WAREHOUSES	GARAGE	CORN STORAGE #9	1967	1384	\$2,308.80	\$11,577.60	\$13,886.40	
3620008010	ILLINOIS	PEORIA	WAREHOUSES	CHEMICAL STORAGE	SEED/SOLVENT STORAGE #10	1985	2233	\$11,729.65	\$0.00	\$11,729.65	
3620008011	ILLINOIS	PEORIA	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY	1993	2772	\$3,145.14	\$3,145.14	\$3,145.14	
3620008012	ILLINOIS	PEORIA	WAREHOUSES	CHEMICAL STORAGE	CHEM STORAGE #12	1993	188	\$3,878.42	\$0.00	\$3,878.42	
3620008013	ILLINOIS	PEORIA	WAREHOUSES	GREENHOUSE	CHEM STORAGE #13	1984	2665	\$74,078.40	\$146,075.48	\$220,153.88	
3620008014	ILLINOIS	PEORIA	ALL OTHER	GREENHOUSE	GARDEN SHED #14	2002	400	\$0.00	\$0.00	\$0.00	
3620008015	ILLINOIS	PEORIA	LABORATORIES	LABORATORY	GREENHOUSE OFFICE #3	1988	11100	\$391,257.11	\$85,617.73	\$476,874.84	
3620008016	MISSOURI	COLUMBIA	LABORATORIES	GREENHOUSE	GREENHOUSE	1978	3168	\$276,176.77	\$689,176.77	\$965,353.54	
3620008017	MISSOURI	COLUMBIA	LABORATORIES	GREENHOUSE	CARPENTER SHOP #8	1978	3168	\$689.55	\$13,171.77	\$13,861.32	
3620008018	MISSOURI	COLUMBIA	SERVICE	SHED	MACHINE SHED #8	1989	3278	\$39,777.77	\$806.55	\$40,584.32	
3620008019	MISSOURI	COLUMBIA	WAREHOUSES	SHED STORAGE	MACHINE SHED #9	1989	72	\$166.06	\$0.00	\$166.06	
3620008020	MISSOURI	COLUMBIA	WAREHOUSES	HAZMAT FACILITY	HAZMAT FACILITY	1989	72	\$166.06	\$0.00	\$166.06	
3620008021	MISSOURI	COLUMBIA	WAREHOUSES	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE #P	1985	10875	\$77,999.82	\$26,071.05	\$104,070.87	
3620008010	MISSOURI	COLUMBIA	WAREHOUSES	STORAGE BUILDING	MACHINE STORAGE BUILDING 7C	1993	3000	\$34.20	\$34.20	\$34.20	
3620008011	MISSOURI	COLUMBIA	ALL OTHER	LABORATORY	FIELD RESEARCH BUILDING 9C	2001	5000	\$0.00	\$0.00	\$0.00	
3620008012	MISSOURI	COLUMBIA	LABORATORIES	LABORATORY	LABORATORY #A-22	1987	92000	\$2,051,748.36	\$260,372.88	\$2,312,121.24	
3625008005	IOWA	BOONE	SERVICE	SHOP	MACHINE SHOP A-23	1984	5032	\$21,235.67	\$21,235.67	\$21,235.67	
3625008007	IOWA	BOONE	WAREHOUSES	STORAGE BUILDING	EQUIP STORAGE/OFFICE 7(BULNER)	1984	5032	\$21,235.67	\$21,235.67	\$21,235.67	
3625108001	IOWA	AMES	WAREHOUSES	STORAGE BUILDING	METAL BLDG 1 (CURTIS5)	1991	2520	\$3,555.56	\$1,169.08	\$4,724.64	
3625108002	IOWA	AMES	ALL OTHER	HEADHOUSE/GREENHOUSE	METAL BLDG 1 (CURTIS5)	1978	3200	\$6,444.00	\$2,800.80	\$9,244.80	
3625108009	IOWA	BOONE	WAREHOUSES	STORAGE BUILDING	POLE BLDG 4A	1978	9462	\$210,448.48	\$593,491.36	\$803,939.84	
3625128000	IOWA	AMES	ALL OTHER	STORAGE BUILDING	POLE BLDG A-23	1987	5706	\$4,660.24	\$0.00	\$4,660.24	
3625128001	IOWA	AMES	ALL OTHER	ALL OTHER	ENTOMOLOGY BUILDING	1991	5450	\$26,691.12	\$1,114.56	\$27,805.68	
3625128002	IOWA	AMES	WAREHOUSES	GREENHOUSE	GREENHOUSE #1	1959	1800	\$2,884.68	\$0.00	\$2,884.68	
3625128003	IOWA	AMES	WAREHOUSES	SHOP	SHOP #2	1979	14250	\$27,460.89	\$785.78	\$28,246.67	
3625128004	IOWA	AMES	SERVICE	WAREHOUSE	WAREHOUSE STORAGE II (LUS-105)	2004	6008	\$1,570.55	\$0.00	\$1,570.55	
3625128105	IOWA	AMES	WAREHOUSES	GEAM FEED STORAGE	GEAM FEED STORAGE	1984	5032	\$21,235.67	\$21,235.67	\$21,235.67	
3625128115	IOWA	AMES	WAREHOUSES	CONTAINMENT FACILITY	CONTAINMENT #3	1982	44257	\$3,611,826.65	\$642,196.62	\$3,774,023.27	
3625128115	IOWA	AMES	WAREHOUSES	CONTAINMENT FACILITY	CONTAINMENT FACILITY	1982	44257	\$2,631,826.65	\$642,196.62	\$3,774,023.27	
3625128115	IOWA	AMES	ALL OTHER	ALL OTHER	ANIMALATOR NECROPSY FAC #5	1994	8394	\$45,100.67	\$0.00	\$45,100.67	
3625008005	IOWA	AMES	ALL OTHER	ALL OTHER	INCREASER NECROPSY FAC #5	1994	8394	\$45,100.67	\$0.00	\$45,100.67	

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Diverse Maintenance		
								DM Critical	DM Non-Critical	DM Total
363000806	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	RODENT FACILITY #6	2003	2438	\$0.00	\$0.00	\$0.00
363000807	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HOUSING FACILITY #7	2009	103211	\$0.00	\$0.00	\$0.00
363000809	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	3-AGE LARGE ANIMAL BUILDING BSL3 #9	2007	148208	\$0.00	\$0.00	\$0.00
363000810	IOWA	AMES	SERVICE	SHOP	SHOP BUILDING #10	1962	23776	\$237,310.07	\$35,305.36	\$272,615.42
363000811	IOWA	AMES	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE #11	1963	10368	\$118,040.72	\$4,897.38	\$123,028.10
363000812	IOWA	AMES	WAREHOUSES	CHEMICAL STORAGE	SOLVENT STORAGE BUILDING #12	1963	432	\$3,530.30	\$31,220.51	\$34,750.81
363000813	IOWA	AMES	WAREHOUSES	STORAGE WAREHOUSE	FEED WAREHOUSE #13	1962	6000	\$69,792.01	\$10,385.83	\$80,177.84
363000814	IOWA	AMES	WAREHOUSES	STORAGE WAREHOUSE	FEED WAREHOUSE #14	1962	8000	\$91,754.46	\$9,171.81	\$100,926.27
363000815	IOWA	AMES	WAREHOUSES	STORAGE WAREHOUSE	FEED WAREHOUSE #15	1965	4800	\$56,279.22	\$4,585.40	\$60,864.62
363000816	IOWA	AMES	WAREHOUSES	STORAGE WAREHOUSE	STORAGE BUILDING #16	1965	4800	\$56,279.22	\$4,585.40	\$60,864.62
363000817	IOWA	AMES	WAREHOUSES	STORAGE WAREHOUSE	ENGR WAREHOUSE #17	1967	4600	\$59,733.42	\$4,585.40	\$64,318.82
363000818	IOWA	AMES	LABORATORIES	LABORATORY	CLF PHASE LAB/OPFC	2004	73057	\$90,353.61	\$0.00	\$90,353.61
363000819	IOWA	AMES	ALL OTHER	UTILITY BUILDING	UTILITY BUILDING #22	2007	4812	\$0.00	\$0.00	\$0.00
363000820	IOWA	AMES	WAREHOUSES	STORAGE BUILDING	34X30X10 BLDG #24	2009	37800	\$0.00	\$0.00	\$0.00
363000821	IOWA	AMES	WAREHOUSES	STORAGE BUILDING	78 AND 30X40 FEET TRAINING FACILITY #0-2	2005	1440	\$0.00	\$0.00	\$0.00
3630008125	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	MASTITIS BARN #125	1962	10641	\$203,430.59	\$65,017.99	\$268,448.58
3630008132	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL BUILDING #132	1962	3183	\$262,707.10	\$2,197.36	\$264,904.46
3630008152	IOWA	AMES	SERVICE	CHANGING FACILITY, SERVICE	CHANGE HOUSE #152	2007	11480	\$0.00	\$0.00	\$0.00
3630008153	IOWA	AMES	SERVICE	UTILITY BUILDING	GENERATOR BLDG #153	2007	9680	\$854,199.28	\$28,747.37	\$882,946.65
3630008154	IOWA	AMES	ALL OTHER	UTILITY BUILDING	BOILER PLANT #154	1962	9680	\$377,957.19	\$82,707.34	\$460,664.53
3630008155	IOWA	AMES	ALL OTHER	WASTE FACILITY	WASTE TREATMENT PLANT #155	1962	10400	\$88,293.18	\$33,449.58	\$121,742.76
3630008174	IOWA	AMES	SERVICE	ALL OTHER	CAGE WASH #157	2005	2800	\$0.00	\$0.00	\$0.00
3630008181	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	LONG TERM CATTLE BARN	1969	7393	\$0.00	\$0.00	\$0.00
3630008182	IOWA	AMES	ALL OTHER	BARN	BLDG #191 - STORAGE	1969	1066	\$6,732.82	\$0.00	\$6,732.82
3630008183	IOWA	AMES	ALL OTHER	BARN	BARN #192	1969	1066	\$6,732.82	\$0.00	\$6,732.82
3630008184	IOWA	AMES	ALL OTHER	BARN	BARN #193	1969	768	\$60,647.59	\$2,024.84	\$62,672.43
3630008185	IOWA	AMES	ALL OTHER	BARN	BARN #194	1969	768	\$60,647.59	\$2,024.84	\$62,672.43
3630008195	IOWA	AMES	ALL OTHER	BARN	BARN #195	1969	624	\$49,276.17	\$1,645.18	\$50,921.35
3630008196	IOWA	AMES	ALL OTHER	BARN	BARN #196	1969	624	\$49,276.17	\$1,645.18	\$50,921.35
3630008197	IOWA	AMES	ALL OTHER	BARN	BARN #197	1969	1200	\$5,109.77	\$0.00	\$5,109.77
3630008198	IOWA	AMES	ALL OTHER	BARN	BLDG #198 - UNIVERSAL WASTE STORAGE	1967	512	\$15,474.59	\$1,886.61	\$17,361.20
3630008199	IOWA	AMES	ALL OTHER	HAZMAT FACILITY	RADIATION WASTE BUILDING #199	1967	768	\$6,449.44	\$57,036.13	\$63,485.57
3630008201	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #201	1963	1536	\$6,146.46	\$0.00	\$6,146.46
3630008202	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #202	1963	1536	\$6,146.46	\$0.00	\$6,146.46
3630008203	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #203	1963	1536	\$6,146.46	\$0.00	\$6,146.46
3630008204	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #204	1963	1536	\$6,146.46	\$0.00	\$6,146.46
3630008205	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #205	1963	1536	\$6,146.46	\$0.00	\$6,146.46
3630008206	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #206	1963	1536	\$6,146.46	\$0.00	\$6,146.46
3630008207	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #207	1963	1536	\$6,146.46	\$0.00	\$6,146.46
3630008208	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #208	1963	1536	\$6,146.46	\$0.00	\$6,146.46
3630008209	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #209	1964	1536	\$6,146.46	\$0.00	\$6,146.46
3630008210	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #210	1964	1536	\$6,146.46	\$0.00	\$6,146.46
3630008211	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #211	1964	1536	\$6,146.46	\$0.00	\$6,146.46
3630008212	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #212	1964	1536	\$6,146.46	\$0.00	\$6,146.46
3630008213	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #213	1964	1536	\$6,146.46	\$0.00	\$6,146.46
3630008214	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #214	1964	1536	\$6,146.46	\$0.00	\$6,146.46
3630008215	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #215	1964	1536	\$6,146.46	\$0.00	\$6,146.46
3630008216	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #216	1964	1536	\$6,146.46	\$0.00	\$6,146.46
3630008217	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #217	1965	1536	\$6,146.46	\$0.00	\$6,146.46

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Estimated Maintenance		
								DM Critical	DM Non-Critical	DM Total
3630008218	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #218	1965	1536	\$6,146.46	\$0.00	\$6,146.46
3630008219	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #219	1965	1536	\$6,146.46	\$0.00	\$6,146.46
3630008220	IOWA	AMES	ALL OTHER	BARN	FIELD BARN #220	1965	1536	\$6,146.46	\$0.00	\$6,146.46
3630008221	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BUILDING WITH FIELD PEN #221	1960	960	\$6,269.74	\$0.00	\$6,269.74
3630008222	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BUILDING WITH FIELD PEN #222	1979	960	\$6,269.74	\$0.00	\$6,269.74
3630008223	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BUILDING WITH FIELD PEN #223	1979	960	\$6,269.74	\$0.00	\$6,269.74
3630008224	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BUILDING WITH FIELD PEN #224	1979	960	\$6,269.74	\$0.00	\$6,269.74
3630008225	IOWA	AMES	WAREHOUSES	STORAGE BUILDING	HAY STORAGE BUILDING #225	1979	960	\$6,269.74	\$0.00	\$6,269.74
3630008226	IOWA	AMES	ALL OTHER	ANIMAL FACILITY, ALL OTHER	POULTRY HOUSING BLDG #226A	1983	5760	\$4,358.40	\$0.00	\$4,358.40
3630008227	IOWA	AMES	ALL OTHER	BARN	BARN #230	1986	1800	\$0.00	\$0.00	\$0.00
3630008230	IOWA	AMES	ALL OTHER	BARN	BARN #231	1966	1560	\$6,242.50	\$0.00	\$6,242.50
3630008231	IOWA	AMES	ALL OTHER	BARN	BARN #232	1966	1560	\$6,242.50	\$0.00	\$6,242.50
3630008232	IOWA	AMES	ALL OTHER	BARN	BARN #233	1966	1560	\$6,242.50	\$0.00	\$6,242.50
3630008233	IOWA	AMES	ALL OTHER	BARN	BARN #234	1967	896	\$27,080.53	\$2,951.57	\$30,032.10
3630008235	IOWA	AMES	ALL OTHER	WASTE FACILITY	WASTE WATER PRE-TREATMENT PLANT	2007	10029	\$0.00	\$0.00	\$0.00
3635008001	MICHIGAN	EAST LANSING	LABORATORIES	LABORATORY	MAIN LABORATORY 1	1938	9772	\$517,974.17	\$111,772.03	\$669,746.19
3635008002	MICHIGAN	EAST LANSING	ALL OTHER	ANIMAL FACILITY, ALL OTHER	WEST BROODER HOUSE 1	1938	4494	\$111,270.98	\$3,488.40	\$114,759.39
3635008003	MICHIGAN	EAST LANSING	LABORATORIES	CONTAINMENT FACILITY	WEST ISOLATION LAB 3	1938	2145	\$90,507.36	\$4,630.27	\$95,137.63
3635008004	MICHIGAN	EAST LANSING	ALL OTHER	ANIMAL FACILITY, ALL OTHER	EAST ISOLATION LAB 4	1938	4494	\$111,270.98	\$3,488.40	\$114,759.39
3635008005	MICHIGAN	EAST LANSING	LABORATORIES	CONTAINMENT FACILITY	SHOP BUILDING 6	1938	4295	\$181,225.69	\$9,271.34	\$190,497.03
3635008006	MICHIGAN	EAST LANSING	SERVICE	ANIMAL FACILITY, ALL OTHER	WEST LAYING HOUSE 7	1939	3456	\$36,210.67	\$55,963.51	\$92,164.18
3635008007	MICHIGAN	EAST LANSING	ALL OTHER	ANIMAL FACILITY, ALL OTHER	EAST LAYING HOUSE 8	1939	3308	\$81,905.74	\$2,567.79	\$84,473.53
3635008008	MICHIGAN	EAST LANSING	ALL OTHER	ANIMAL FACILITY, ALL OTHER	MATING HOUSE 9	1939	3308	\$81,905.74	\$2,567.79	\$84,473.53
3635008009	MICHIGAN	EAST LANSING	SERVICE	PUMP HOUSE, SERVICE	PUMP HOUSE 10	1940	1580	\$5,135.87	\$4,121.86	\$9,257.74
3635008010	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE	STORAGE SHED 13	1942	229	\$17,495.63	\$3,751.91	\$21,247.54
3635008011	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE	STORAGE SHED 14	1942	1100	\$2,156.47	\$6,716.96	\$8,873.43
3635008012	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE	STORAGE SHED 15	1942	900	\$13,025.77	\$7,465.82	\$20,491.59
3635008013	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE	STORAGE SHED 16	1940	874	\$13,025.77	\$7,465.82	\$20,491.59
3635008014	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	QUONSET BLDG 16	1949	4212	\$32,266.23	\$0.00	\$32,266.23
3635008015	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	IBCA POULTRY BLDG 17	1951	6384	\$35,914.72	\$0.00	\$35,914.72
3635008016	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	SHED & FEED BINS 18	1956	448	\$1,503.27	\$6,344.37	\$7,847.64
3635008017	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	CHICKEN HOUSE 19	1971	5652	\$1,686.43	\$2,868.21	\$4,554.64
3635008018	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	AVIAN LEUK RESEARCH LAB 1A	1973	6700	\$17,826.64	\$4,009.48	\$21,836.12
3635008019	MICHIGAN	EAST LANSING	LABORATORIES	CONTAINMENT FACILITY	AVIAN LEUK (SVCL) 20	1973	3050	\$63,940.82	\$0.00	\$63,940.82
3635008020	MICHIGAN	EAST LANSING	SERVICE	SHOP	SERVICE BUILDING 21	1981	1500	\$8,952.22	\$3,847.39	\$12,839.61
3635008021	MICHIGAN	EAST LANSING	ALL OTHER	ANIMAL FACILITY, ALL OTHER	POULTRY ISOLATOR 22	1982	5120	\$20,092.41	\$0.00	\$20,092.41
3635008022	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING 23	1982	1440	\$498.15	\$14,081.22	\$14,579.37
3635008023	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	WASTE WATER TREATMENT PLANT 24	1990	912	\$1,396.69	\$3,356.18	\$4,752.87
3635008024	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	WASTE WATER TREATMENT PLANT 25	1991	448	\$2,495.62	\$1,699.06	\$4,194.68
3635008025	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	PUMPING STATION 18	1991	448	\$1,396.69	\$3,356.18	\$4,752.87
3635008026	MICHIGAN	EAST LANSING	SERVICE	PUMP HOUSE, SERVICE	WATER METER HOUSE 29	1995	243	\$243.98	\$2,023.80	\$2,267.78
3635008027	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	CHICKEN WASTE 31	2002	112	\$243.98	\$412.16	\$656.14
3635008028	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	HAZ WASTE 32	1989	137	\$303.87	\$0.00	\$303.87
3635008029	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	STORAGE SHED 33	2000	80	\$0.00	\$0.00	\$0.00
3635008031	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	LAB PLASTIC WASTE SHED 34	2003	192	\$418.25	\$706.56	\$1,124.81
3635008032	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	CHEMICAL STORAGE BUILDING 35	2007	96	\$0.00	\$0.00	\$0.00
3635008033	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 5	1949	4032	\$555.17	\$98,388.54	\$98,943.72
3635008035	MICHIGAN	EAST LANSING	WAREHOUSES	STORAGE BUILDING	GREENHOUSE/PASSAGEWAY 24	1981	4117	\$27,893.85	\$63,391.79	\$91,285.64
3635208024	MICHIGAN	EAST LANSING	ALL OTHER	GREENHOUSE	GREENHOUSE/PASSAGEWAY 33	1967	3800	\$178,374.78	\$125,207.58	\$303,582.37
3635208025	MICHIGAN	EAST LANSING	ALL OTHER	GREENHOUSE	GREENHOUSE/PASSAGEWAY 31	1967	3800	\$178,374.78	\$125,207.58	\$303,582.37
3635208032	MICHIGAN	EAST LANSING	ALL OTHER	GREENHOUSE	GREENHOUSE 5	1966	1798	\$88,463.97	\$62,096.00	\$150,559.96

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Direct Maintenance		
								DM Critical	DM Non-Critical	DM Total
3636008006	INDIANA	LAFAYETTE	ALL OTHER	LABORATORY	GENERAL PURPOSE 317-2	1969	1040	\$5,289.50	\$43,027.71	\$48,317.21
3636008007	INDIANA	LAFAYETTE	LABORATORIES	LABORATORY	SOIL EROSION LAB 317-7	1978	4640	\$96,477.90	\$18,640.15	\$115,118.05
3636008011	INDIANA	LAFAYETTE	WAREHOUSES	STORAGE BUILDING	SOIL EROSION LAB 317-8 BLDG 317-11	1976	1000	\$2,353.35	\$0.00	\$2,353.35
3636008013	INDIANA	LAFAYETTE	LABORATORIES	LABORATORY	LIVESTOCK BEHAVIOR LAB 317-14	1983	1300	\$3,021.29	\$0.00	\$3,021.29
3636008014	INDIANA	WEST LAFAYETTE	GREENHOUSE	GREENHOUSE	GREENHOUSE 317-15	1992	288	\$49,638.37	\$0.00	\$49,638.37
3636008017	INDIANA	WEST LAFAYETTE	LABORATORIES	LABORATORY	FARM ANIMAL BEHAVIOR & WELL BEING LAB 317-17	2005	2500	\$18.53	\$0.00	\$18.53
3636008018	INDIANA	WEST LAFAYETTE	LABORATORIES	LABORATORY	SOIL EROSION LAB 317-12	1981	32375	\$842,758.83	\$155,635.51	\$998,394.34
3636008020	INDIANA	WEST LAFAYETTE	WAREHOUSES	BARN, STORAGE	POLE BARN 20 WAREHOUSE	2000	900	\$0.00	\$0.00	\$0.00
3636008021	INDIANA	LAFAYETTE	WAREHOUSES	STORAGE BUILDING	EQUIPMENT STORAGE BLDG 317-13	1990	4224	\$35,142.36	\$3,893.92	\$39,036.28
3640008321	MINNESOTA	ROSEMOUNT	WAREHOUSES	SHED, STORAGE	MACHINE SHED 321	1968	1200	\$19,749.77	\$11,008.03	\$30,757.80
3640008322	MINNESOTA	ROSEMOUNT	LABORATORIES	LABORATORY	AGRONOMY BUILDING 1009	1967	1920	\$8,603.26	\$69,583.50	\$78,186.76
3640008399	MINNESOTA	ST PAUL	LABORATORIES	LABORATORY	CERIAL DISEASE LAB 399	1973	26900	\$161,254.72	\$17,586.56	\$178,841.28
3640008400	MINNESOTA	ST PAUL	GREENHOUSE	GREENHOUSE	GREENHOUSE 400	1973	4428	\$25,859.20	\$247,896.11	\$273,755.31
3640008401	MINNESOTA	ST PAUL	GREENHOUSE	GREENHOUSE	GREENHOUSE 401	1976	4482	\$26,757.57	\$53,270.48	\$80,028.05
3640008402	MINNESOTA	ST PAUL	GREENHOUSE	STORAGE BUILDING	GREENHOUSE 402	1979	3592	\$2,215.62	\$2,215.62	\$4,431.24
3640008403	MINNESOTA	ST PAUL	WAREHOUSES	HEADHOUSE	HEADHOUSE 398	1985	2592	\$72,885.66	\$0.00	\$72,885.66
3640008404	MINNESOTA	ST PAUL	ALL OTHER	GREENHOUSE	GREENHOUSE 398A	1985	3892	\$168,205.68	\$118,420.50	\$286,626.18
3645008001	MINNESOTA	MORRIS	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY 1	1960	11209	\$477,143.43	\$104,412.00	\$581,555.43
3645008002	MINNESOTA	MORRIS	SERVICE	SHOP	MACHINE SHOP/PLANT PROC 2	1960	6200	\$52,987.08	\$6,131.74	\$59,118.82
3645008003	MINNESOTA	MORRIS	WAREHOUSES	STORAGE BUILDING	BUTLER STORAGE #3	1960	1984	\$19,684.81	\$7,774.43	\$27,459.24
3645008004	MINNESOTA	MORRIS	ALL OTHER	HEADHOUSE/HEADHOUSE	FLAMMABLE STORAGE BUILDING 4	1988	4394	\$38,761.98	\$12,956.00	\$51,717.98
3645008005	MINNESOTA	MORRIS	WAREHOUSES	CHEMICAL STORAGE	STORAGE BUILDING 6	1960	240	\$2,521.29	\$22,297.27	\$24,818.57
3645008006	MINNESOTA	MORRIS	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING 7	1961	2160	\$11.48	\$14,062.14	\$14,073.62
3645008007	MINNESOTA	MORRIS	LABORATORIES	RESEARCH OFFICE/LABORATORY	QUONSET STORAGE BUILDING 7	1971	5600	\$129.75	\$36,457.40	\$36,587.16
3645008008	MINNESOTA	MORRIS	LABORATORIES	CHEMICAL STORAGE	CHEMICAL STORAGE 9	1985	784	\$216,462.16	\$49,883.90	\$266,346.05
3645008009	MINNESOTA	MORRIS	WAREHOUSES	STORAGE BUILDING	QUONSET STORAGE BUILDING 10	1981	4000	\$6,289.28	\$0.00	\$6,289.28
3645008010	MINNESOTA	MORRIS	WAREHOUSES	STORAGE BUILDING	QUONSET STORAGE BUILDING 11	1981	4000	\$6,413.80	\$38,121.53	\$44,535.33
3645008011	MINNESOTA	MORRIS	WAREHOUSES	STORAGE BUILDING	QUONSET STORAGE BUILDING 1A	1981	4000	\$21.25	\$26,041.00	\$26,062.25
3645008012	MINNESOTA	MORRIS	WAREHOUSES	STORAGE BUILDING	QUONSET STORAGE BUILDING 1A	1981	998	\$148.21	\$26,065.65	\$26,213.85
3655008010	WISCONSIN	STURGEON BAY	ALL OTHER	UTILITY BUILDING	Metal Metering Building	1987	80	\$0.00	\$0.00	\$0.00
3655108	WISCONSIN	BARABOO	LABORATORIES	LABORATORY	Cereal Crops Lab 1	1949	14411	\$248,625.60	\$219,636.80	\$468,262.40
3655108001	WISCONSIN	MADISON	WAREHOUSES	GARAGE	GARAGE/STORAGE 2	1949	775	\$9,331.20	\$858.40	\$10,189.60
3655108002	WISCONSIN	MADISON	LABORATORIES	RESEARCH OFFICE/LABORATORY	NEW CEREAL CROPS LAB (CCRU)	2007	28445	\$0.00	\$0.00	\$0.00
3655108003	WISCONSIN	MADISON	LABORATORIES	GREENHOUSE	GREENHOUSE 69	1970	1314	\$113,445.00	\$57,519.00	\$170,964.00
3655108006	WISCONSIN	MADISON	ALL OTHER	GREENHOUSE	GREENHOUSE 70	1970	2050	\$166,187.00	\$69,702.00	\$235,889.00
3655108070	WISCONSIN	MADISON	ALL OTHER	HEADHOUSE	HEADHOUSE 1	1970	3953	\$46,709.19	\$2,252.26	\$48,961.45
3655208001	WISCONSIN	ARLINGTON	ALL OTHER	GREENHOUSE	GREENHOUSE 2	1970	1095	\$1,655.68	\$0.00	\$1,655.68
3655208002	WISCONSIN	ARLINGTON	ALL OTHER	GREENHOUSE	GREENHOUSE 3	1977	2729	\$18,134.84	\$36,143.69	\$54,278.53
3655308001	WISCONSIN	PRAIRIE DU SAC	LABORATORIES	LABORATORY	LABORATORY COMPLEX	1981	91000	\$75,882.76	\$89,642.08	\$165,524.84
3655308003	WISCONSIN	PRAIRIE DU SAC	WAREHOUSES	STORAGE BUILDING	MISCELLANEOUS & EQUIPMENT STORAGE (K2)	1981	4160	\$20,046.58	\$0.00	\$20,046.58
3655308004	WISCONSIN	PRAIRIE DU SAC	FAMILY HOUSING	RESIDENCE	RESIDENCE	1980	3122	\$21,883.01	\$34,935.41	\$56,818.42
3655308005	WISCONSIN	PRAIRIE DU SAC	FAMILY HOUSING	RESIDENCE	RESIDENCE	1984	3050	\$40,664.34	\$52,477.69	\$93,142.03
3655308006	WISCONSIN	PRAIRIE DU SAC	SERVICE	SHOP	MACHINE SHOP/EQUIP STORAGE 6	1984	8640	\$46,899.21	\$1,759.08	\$48,658.29
3655308007	WISCONSIN	MADISON	LABORATORIES	LABORATORY	MAIN LABORATORY	1981	69714	\$2,721,384.64	\$626,447.28	\$3,347,831.92
3655308008	WISCONSIN	PRAIRIE DU SAC	WAREHOUSES	STORAGE BUILDING	HAY & BEDDING STORAGE (K3)	1984	14000	\$2,418.05	\$0.00	\$2,418.05
3655308009	WISCONSIN	PRAIRIE DU SAC	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE BUILDING	1992	1085	\$4,351.12	\$0.00	\$4,351.12
3655308010	WISCONSIN	PRAIRIE DU SAC	ALL OTHER	ANIMAL FACILITY, ALL OTHER	48 STALL FREE STALL (K4)	1996	2400	\$0.00	\$0.00	\$0.00
3655308011	WISCONSIN	PRAIRIE DU SAC	WAREHOUSES	STORAGE BUILDING	RESEARCH EQUIPMENT & SAMPLE DRYING BUILDING (K1)	2000	4480	\$0.00	\$1,406.99	\$1,406.99

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Estimated Maintenance		
								DM Critical	DM Non-Critical	DM Total
3655308012	WISCONSIN	PRairie du Sac	WAREHOUSES	STORAGE BUILDING	AGRONOMY STORAGE 1500	2000	96	\$0.00	\$0.00	\$0.00
3655308013	WISCONSIN	PRairie du Sac	WAREHOUSES	STORAGE BUILDING	Feed Storage	2006	2500	\$0.00	\$0.00	\$0.00
3655308014	WISCONSIN	PRairie du Sac	WAREHOUSES	STORAGE BUILDING	FEEDER BARN	2008	38720	\$0.00	\$0.00	\$0.00
365530817K	WISCONSIN	MARSHFIELD	ALL OTHER	ANIMAL FACILITY, ALL OTHER	MILK MILKING	2006	460	\$0.00	\$0.00	\$0.00
365530821P	WISCONSIN	MARSHFIELD	ALL OTHER	ANIMAL FACILITY, ALL OTHER	GATE HOUSE	1984	460	\$1,771.60	\$185.00	\$1,956.60
365530822P	WISCONSIN	MARSHFIELD	ALL OTHER	ANIMAL FACILITY, ALL OTHER	VET BARN	2010	3022	\$0.00	\$0.00	\$0.00
365530823D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530824D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530825D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$5,756.00	\$13,151.20	\$24,980.80
365530826D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	145	\$690.40	\$7,428.00	\$8,118.40
365530827D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530828D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	145	\$690.40	\$7,428.00	\$8,118.40
365530829D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530830D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530831D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530832D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530833D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530834D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530835D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530836D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530837D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530838D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530839D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530840D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530841D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530842D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530843D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530844D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530845D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530846D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530847D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530848D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530849D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530850D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530851D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530852D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530853D	WISCONSIN	BARABOO	WAREHOUSES	ALL OTHER	ABOVE GROUND MAGAZINE	1969	2221	\$11,829.60	\$13,151.20	\$24,980.80
365530854F	WISCONSIN	BARABOO	ALL OTHER	UTILITY BUILDING	METERING BUILDING	1999	240	\$0.00	\$0.00	\$0.00
365530855G	WISCONSIN	BARABOO	ALL OTHER	UTILITY BUILDING	AGRONOMY OFFICE WORK SPACE 6576	1969	4275	\$442.40	\$42,752.80	\$43,195.20
365530856G	WISCONSIN	BARABOO	WAREHOUSES	STORAGE WAREHOUSE	BARBACUS OFFICE WAREHOUSE	1968	2195	\$14,876.80	\$68,812.00	\$83,688.80
365530857G	WISCONSIN	BARABOO	WAREHOUSES	STORAGE WAREHOUSE	CHANGE HOUSE	1969	273	\$4,473.60	\$13,885.60	\$18,359.20
365530858D	WISCONSIN	BARABOO	WAREHOUSES	STORAGE WAREHOUSE	COTTON FEEDER WAREHOUSE	1969	620	\$36,152.00	\$212,160.00	\$248,312.00
365530859G	WISCONSIN	BARABOO	WAREHOUSES	STORAGE BUILDING	EQUIPMENT STORAGE BUILDING	2006	7500	\$0.00	\$0.00	\$0.00
365530860G	WISCONSIN	BARABOO	WAREHOUSES	STORAGE BUILDING	AGRONOMY STORAGE 1600	1967	1200	\$0.00	\$102.40	\$102.40
5302028001	CALIFORNIA	PARLER	OFFICE	OFFICE	MAIN OFFICE BLDG 1	2001	10611	\$100,600.51	\$57,744.70	\$158,345.21
5302028002	CALIFORNIA	PARLER	LABORATORIES	LABORATORY	MAIN LAB 2	2001	18191	\$23,213.39	\$0.00	\$23,213.39
5302028003	CALIFORNIA	PARLER	LABORATORIES	LABORATORY	MAIN LAB 3	2001	11411	\$108,385.13	\$62,098.27	\$170,283.40
5302028004	CALIFORNIA	PARLER	LABORATORIES	LABORATORY	MAIN LAB 4	2001	18191	\$23,213.39	\$0.00	\$23,213.39
5302028005	CALIFORNIA	PARLER	LABORATORIES	LABORATORY	ENVIRONMENTAL ROOM BLDG 5	2001	3680	\$4,696.02	\$0.00	\$4,696.02
5302028006	CALIFORNIA	PARLER	ALL OTHER	UTILITY BUILDING	CENTRAL PLANT BLDG 6	2001	5265	\$0.00	\$131,298.24	\$131,298.24
5302028007	CALIFORNIA	PARLER	ALL OTHER	UTILITY BUILDING	GREENHOUSE 7	2001	841	\$0.00	\$0.00	\$0.00
5302028008	CALIFORNIA	PARLER	ALL OTHER	GREENHOUSE	GREENHOUSE 8	2001	646	\$0.00	\$0.00	\$0.00
5302028009	CALIFORNIA	PARLER	ALL OTHER	GREENHOUSE	GREENHOUSE 9	2001	646	\$0.00	\$0.00	\$0.00

ARS Facilities Maintenance Needs and Estimated Costs

State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Deferred Maintenance			DM Total
							DM Critical	DM Non-Critical	DM Total	
CALIFORNIA	PARLER	ALL OTHER	GREENHOUSE	GREENHOUSE 10	2001	646	\$0.00	\$0.00	\$0.00	
CALIFORNIA	PARLER	ALL OTHER	GREENHOUSE	GREENHOUSE 11	2001	646	\$0.00	\$0.00	\$0.00	
CALIFORNIA	PARLER	ALL OTHER	GREENHOUSE	GREENHOUSE 12	2001	646	\$0.00	\$0.00	\$0.00	
CALIFORNIA	PARLER	ALL OTHER	UTILITY BUILDING	UTILITY BLDG 13	2001	646	\$0.00	\$8,977.66	\$8,977.66	
CALIFORNIA	PARLER	ALL OTHER	GREENHOUSE	GREENHOUSE 14	2001	1681	\$0.00	\$0.00	\$0.00	
CALIFORNIA	PARLER	ALL OTHER	GREENHOUSE	GWSS GREENHOUSE 15	2002	2288	\$0.00	\$0.00	\$0.00	
CALIFORNIA	PARLER	ALL OTHER	GREENHOUSE	GREENHOUSE 16	2002	1840	\$0.00	\$0.00	\$0.00	
CALIFORNIA	PARLER	ALL OTHER	INSECT FACILITY	INSECT REARING BLDG 17	2001	1483	\$0.00	\$0.00	\$0.00	
CALIFORNIA	PARLER	ALL OTHER	CHEMICAL STORAGE	CHEMICAL STORAGE CONTAINER	1987	204	\$1,292.74	\$0.00	\$1,292.74	
CALIFORNIA	PARLER	ALL OTHER	CHEMICAL STORAGE	CTV GREENHOUSE	2002	800	\$0.00	\$0.00	\$0.00	
CALIFORNIA	PARLER	ALL OTHER	CHEMICAL STORAGE	CTV GREENHOUSE	1963	6100	\$24,207.03	\$0.00	\$24,207.03	
CALIFORNIA	PARLER	ALL OTHER	CHEMICAL STORAGE	POLY BARN	1963	6100	\$24,207.03	\$0.00	\$24,207.03	
CALIFORNIA	PARLER	ALL OTHER	LABORATORY	NPSC/CTV LABORATORY	1957	2385	\$31,894.43	\$11,703.59	\$44,608.02	
CALIFORNIA	PARLER	LABORATORIES	LABORATORY	FARM TRAILER	1989	1440	\$5,724.47	\$3,664.37	\$9,388.84	
CALIFORNIA	PARLER	OFFICE	TRAILER, OFFICE	GREENHOUSE 62	1993	1090	\$1,563.98	\$0.00	\$1,563.98	
CALIFORNIA	PARLER	ALL OTHER	GREENHOUSE	SCREEN HOUSE (NP55)	1997	6208	\$0.00	\$0.00	\$0.00	
CALIFORNIA	PARLER	ALL OTHER	GREENHOUSE	GREENHOUSE (CTV)	1998	2075	\$1,819.79	\$0.00	\$1,819.79	
CALIFORNIA	PARLER	LABORATORIES	CTV TRAILER	NP55/CTV HEAD HOUSE	2000	1440	\$1,083.62	\$9,605.01	\$10,688.63	
CALIFORNIA	PARLER	LABORATORIES	HEADHOUSE	OFFICE BUILDING 003	2000	1600	\$4,094.77	\$0.00	\$4,094.77	
CALIFORNIA	PARLER	LABORATORIES	OFFICE	LAB BLDG 17	1942	4238	\$49,549.00	\$16,487.00	\$66,036.00	
CALIFORNIA	SALINAS	LABORATORIES	LABORATORY	LAB BLDG 17	1943	12875	\$121,086.32	\$36,336.32	\$157,422.64	
CALIFORNIA	SALINAS	LABORATORIES	LABORATORY	LAB 019	1942	6000	\$97,410.72	\$14,464.64	\$111,875.36	
CALIFORNIA	SALINAS	LABORATORIES	LABORATORY	LAB 015	1942	11555	\$240,120.32	\$12,675.68	\$252,796.00	
CALIFORNIA	SALINAS	WAREHOUSES	GARAGE	GARAGE/STORAGE 020	1928	1792	\$55,627.25	\$162,146.25	\$217,773.50	
CALIFORNIA	SALINAS	WAREHOUSES	GARAGE	STORAGE BLDG BEET LAB 021	1943	7500	\$93,776.32	\$92,708.00	\$186,484.32	
CALIFORNIA	SALINAS	ALL OTHER	HEADHOUSE/GREENHOUSE	GREENHOUSE 022	1966	3640	\$33,776.32	\$813,948.96	\$848,725.28	
CALIFORNIA	SALINAS	ALL OTHER	HEADHOUSE/GREENHOUSE	HIDGE W/3 GREENHOUSES 023	1964	9784	\$408,054.92	\$1,023,425.92	\$1,431,480.84	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GREENHOUSE 024	1954	336	\$9,023.28	\$104,381.44	\$113,404.72	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GREENHOUSE 025	1946	1008	\$20,079.36	\$25,910.88	\$45,990.24	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GREENHOUSE 026	1946	1008	\$20,079.36	\$25,910.88	\$45,990.24	
CALIFORNIA	SALINAS	ALL OTHER	HEADHOUSE/GREENHOUSE	HIDGE W/2 GREENHOUSES 027	1954	1515	\$8,174.88	\$189,440.36	\$197,615.24	
CALIFORNIA	SALINAS	ALL OTHER	HEADHOUSE/GREENHOUSE	HIDGE W/2 GREENHOUSES 1 & 2 28	1955	6861	\$233,955.04	\$1,117,913.28	\$1,351,868.32	
CALIFORNIA	SALINAS	WAREHOUSES	SHED, STORAGE	STORAGE SHED	1995	144	\$0.00	\$0.00	\$0.00	
CALIFORNIA	SALINAS	WAREHOUSES	SHED, STORAGE	STORAGE SHED LEAN TO ON BLDG 28	1960	1050	\$15,627.00	\$3,900.00	\$19,527.00	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	BLOWERHOUSE W/2 GREENHOUSES 037	1960	1727	\$25,893.00	\$223,422.50	\$249,315.50	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GREENHOUSE/ORLY 038	1964	336	\$9,033.50	\$100,598.75	\$109,632.25	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	3 GREENHOUSES/ISOLATION 039	1965	1340	\$17,806.25	\$178,991.75	\$196,798.00	
CALIFORNIA	SALINAS	WAREHOUSES	STORAGE BUILDING	W/2 MACHINE SHOP 040	1969	3800	\$128,937.60	\$20,086.88	\$149,024.48	
CALIFORNIA	SALINAS	WAREHOUSES	STORAGE BUILDING	W/2 MACHINE SHOP 040 SUGARBET	1969	3800	\$128,937.60	\$20,086.88	\$149,024.48	
CALIFORNIA	SALINAS	LABORATORIES	LABORATORY	LABORATORY 043 (OASIS/FENCE)	1971	1157	\$13,867.75	\$130.32	\$14,000.00	
CALIFORNIA	SALINAS	LABORATORIES	LABORATORY	LABORATORY 043	1971	1248	\$24,910.64	\$8,036.16	\$34,946.80	
CALIFORNIA	SALINAS	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING FARM SHOP 045	1973	4000	\$5,269.44	\$5,769.44	\$11,038.88	
CALIFORNIA	SALINAS	SERVICE	SERVICE BUILDING	SERVICE BUILDING FARM SHOP 045	1973	3825	\$15,810.08	\$60,334.56	\$76,144.64	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GROWTH CHAMBERS 047	1974	2009	\$28,374.72	\$16,169.12	\$44,543.84	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GREENHOUSE 060 - ARTICHOK	1976	704	\$6,601.76	\$37,070.88	\$43,672.64	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GREENHOUSE 060 - VITICULTO	1978	704	\$15,419.36	\$50,259.84	\$65,679.20	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GREENHOUSE 061 - VITICULTO	1978	704	\$15,419.36	\$50,259.84	\$65,679.20	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GREENHOUSE 062	1979	704	\$7,456.72	\$43,672.64	\$51,129.36	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GREENHOUSE 063 21 X 43 063	1979	704	\$7,456.72	\$43,672.64	\$51,129.36	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE	GREENHOUSE 064	1994	360	\$10,430.00	\$58,733.00	\$69,163.00	
CALIFORNIA	SALINAS	CHEMICAL STORAGE	CHEMICAL STORAGE	Chemical Storage 065	1995	132	\$0.00	\$0.00	\$0.00	
CALIFORNIA	SALINAS	ALL OTHER	GREENHOUSE - UCED	GREENHOUSE - UCED	1994	374	\$7,001.75	\$7,199.50	\$14,201.25	

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	Overseas Maintenance		
								DM Critical	DM Non-Critical	DM Total
5305000609	CALIFORNIA	SALINAS	ALL OTHER	WAREHOUSES	GREENHOUSE - ONLY	1984	950	\$192.50	\$180,601.75	\$180,794.25
5305000610	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	SOIL BINS	1984	180	\$0.00	\$0.00	\$0.00
5305000611	CALIFORNIA	SALINAS	ALL OTHER	WAREHOUSES	INSECTORY TRAILER	1993	180	\$0.00	\$0.00	\$0.00
5305000612	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	EQUIPMENT SHED - SPENCE	1960	720	\$0.00	\$149,373.00	\$149,373.00
5305000613	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	SHED, STORAGE	1942	1600	\$33,455.25	\$21,868.00	\$59,323.25
5305000614	CALIFORNIA	SALINAS	OFFICE	OFFICE	SHED, STORAGE	1994	950	\$124.55	\$31,955.79	\$32,120.34
5305000615	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	OFFICE BLDG - SPENCE	1994	480	\$0.00	\$100,151.04	\$100,151.04
5305000616	CALIFORNIA	SALINAS	ALL OTHER	WAREHOUSES	CHEMICAL STORAGE - SPENCE	1995	126	\$0.00	\$0.00	\$0.00
5305000617	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	Greenhouse 76	1994	1575	\$765.00	\$113,981.00	\$114,746.00
5305000618	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	Storage shed 77 - Spence	2006	168	\$0.00	\$0.00	\$0.00
5305000619	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	Storage shed 78 - Spence	2006	154	\$0.00	\$0.00	\$0.00
5305000620	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	CHEMICAL STORAGE - ALISA	2001	132	\$0.00	\$0.00	\$0.00
5305000621	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	CHEMICAL STORAGE - ALISA	2005	140	\$0.00	\$0.00	\$0.00
5305000622	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED BEHIND BLDG 68 UCD	1990	240	\$0.00	\$0.00	\$0.00
5305000623	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED BEHIND BLDG 73	2000	144	\$0.00	\$0.00	\$0.00
5305000624	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED BEHIND GH 76	1990	240	\$34.00	\$2,351.00	\$2,385.00
5305000625	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED FOR WATER TANK	2000	81	\$0.00	\$0.00	\$0.00
5305000626	CALIFORNIA	SALINAS	SERVICE	SERVICE	PUMP HOUSE FOR WELL	2000	100	\$0.00	\$0.00	\$0.00
5305000627	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED IR-4	1995	130	\$0.00	\$0.00	\$0.00
5305000628	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED IR-4	2006	140	\$0.00	\$0.00	\$0.00
5305000629	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED IR-4	2006	140	\$0.00	\$0.00	\$0.00
5305000630	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	WALK IN FREEZER NEXT TO BLDG 45	2001	173	\$10,000.00	\$10,000.00	\$10,000.00
5305000631	CALIFORNIA	SALINAS	ALL OTHER	ALL OTHER	WALK IN FREEZER NEXT TO BLDG 45	2001	182	\$27.48	\$21,084.65	\$21,112.13
5305000632	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED, LUL, Y.B.	2007	140	\$0.00	\$0.00	\$0.00
5305000633	CALIFORNIA	SALINAS	ALL OTHER	ALL OTHER	WALK IN COLD ROOM NEXT TO BLDG 48	2005	140	\$0.00	\$0.00	\$0.00
5305000634	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED 098	1995	64	\$0.00	\$0.00	\$0.00
5305000635	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED 099	2006	224	\$0.00	\$0.00	\$0.00
5305000636	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED 101	1995	64	\$0.00	\$0.00	\$0.00
5305000637	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED 102	1995	101	\$0.00	\$0.00	\$0.00
5305000638	CALIFORNIA	SALINAS	ALL OTHER	WAREHOUSES	GREENHOUSE 104	2007	1500	\$0.00	\$0.00	\$0.00
5305000639	CALIFORNIA	SALINAS	ALL OTHER	WAREHOUSES	GREENHOUSE 105	2007	1500	\$0.00	\$0.00	\$0.00
5305000640	CALIFORNIA	SALINAS	ALL OTHER	WAREHOUSES	GREENHOUSE 106	2007	80	\$0.00	\$0.00	\$0.00
5305000641	CALIFORNIA	SALINAS	ALL OTHER	WAREHOUSES	GREENHOUSE 107	2007	80	\$0.00	\$0.00	\$0.00
5305000642	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED NEXT TO BLDG 43	2000	20	\$0.00	\$0.00	\$0.00
5305000643	CALIFORNIA	SALINAS	ALL OTHER	ALL OTHER	WALK IN FREEZER NEXT TO BLDG 28	2008	252	\$0.00	\$0.00	\$0.00
5305000644	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED NEXT TO BLDG 44	2006	224	\$0.00	\$0.00	\$0.00
5305000645	CALIFORNIA	SALINAS	ALL OTHER	ALL OTHER	WALK IN COLD ROOM NEXT TO BLDG 48	2007	96	\$0.00	\$0.00	\$0.00
5305000646	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED 112 SPENCE	2006	168	\$0.00	\$0.00	\$0.00
5305000647	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED 113 SPENCE	2006	168	\$0.00	\$0.00	\$0.00
5305000648	CALIFORNIA	SALINAS	OFFICE	OFFICE	MOBILE OFFICE - SPENCE FIELD	2005	160	\$0.00	\$0.00	\$0.00
5305000649	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE BLDG - SPENCE	2006	168	\$0.00	\$0.00	\$0.00
5305000650	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE BUILDING	1992	100	\$584.96	\$913.53	\$1,498.49
5305000651	CALIFORNIA	SALINAS	WAREHOUSES	WAREHOUSES	STORAGE SHED 098A	1995	100	\$0.00	\$0.00	\$0.00
5305000652	CALIFORNIA	DAVIS	ALL OTHER	HEADHOUSE	HEADHOUSE 127	1970	960	\$11,396.92	\$549.54	\$11,946.46
5305000653	CALIFORNIA	DAVIS	ALL OTHER	GREENHOUSE	GREENHOUSE 125/SOUTH	1969	1200	\$1,822.99	\$0.00	\$1,822.99
5305000654	CALIFORNIA	DAVIS	LABORATORIES	LABORATORIES	MAIN LAB 15	1977	2400	\$3,703.54	\$0.00	\$3,703.54
5305000655	CALIFORNIA	DAVIS	LABORATORIES	LABORATORIES	LABORATORY TOWER 24	1977	4000	\$1,540.75	\$1,540.75	\$3,081.50
5305000656	CALIFORNIA	DAVIS	OFFICE	OFFICE	TRAILER, OFFICE	1980	400	\$1,237.37	\$0.00	\$1,237.37
5305000657	CALIFORNIA	DAVIS	OFFICE	OFFICE	GREENHOUSE (SOUTH) 26	1981	720	\$2,529.59	\$72,572.51	\$75,102.10
5305000658	CALIFORNIA	DAVIS	ALL OTHER	WAREHOUSES	LAB TRAILER	1995	1400	\$1,059.45	\$8,413.06	\$9,472.51
5305000659	CALIFORNIA	DAVIS	LABORATORIES	LABORATORIES	TRAILER, LABORATORY	1995	1400	\$2,658.71	\$0.00	\$2,658.71
5305000660	CALIFORNIA	DAVIS	ALL OTHER	GREENHOUSE	GREENHOUSE 1	1961	406	\$0.00	\$0.00	\$0.00

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sqft	Estimated Maintenance		
								DM Critical	DM Non-Critical	DE Total
530615B002	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GREENHOUSE 2	1961	406	\$22,658.71	\$0.00	\$22,658.71
530615B003	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GREENHOUSE 3	1961	406	\$22,658.71	\$0.00	\$22,658.71
530615B004	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GREENHOUSE 4	1961	406	\$22,658.71	\$0.00	\$22,658.71
530615B005	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GREENHOUSE 5	1961	406	\$22,658.71	\$0.00	\$22,658.71
530615B006	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GREENHOUSE 6	1961	406	\$22,658.71	\$0.00	\$22,658.71
530615B007	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GREENHOUSE 7	1967	406	\$22,335.01	\$0.00	\$22,335.01
530615B008	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GREENHOUSE 8	1967	406	\$22,335.01	\$0.00	\$22,335.01
530615B009	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GREENHOUSE 9	1969	406	\$27,387.18	\$0.00	\$27,387.18
530615B010	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GREENHOUSE 10	1969	406	\$27,387.18	\$0.00	\$27,387.18
530615B011	CALIFORNIA	DAVIS	WAREHOUSES	WAREHOUSES	STORAGE BUILDING (AGRONOMY) 14	1977	2500	\$3,634.49	\$375.98	\$4,010.47
530615B012	CALIFORNIA	DAVIS	WAREHOUSES	WAREHOUSES	STORAGE BUILDING (ORCHARD PARK) 43	1976	2400	\$16,436.79	\$31,521.82	\$47,958.61
530620B001	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GRNHSF A/GH1-4510	1982	540	\$32,548.32	\$0.00	\$32,548.32
530620B002	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GRNHSF C/GH 2-4512	1982	540	\$32,548.32	\$0.00	\$32,548.32
530620B003	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GRNHSF A/HH 6-4517	1984	1165	\$18,777.55	\$4,940.96	\$23,718.51
530620B004	CALIFORNIA	DAVIS	LABORATORIES	LABORATORIES	MAIN LAB - 4514	1984	1957	\$12,345.23	\$4,438.94	\$16,784.18
530620B005	CALIFORNIA	DAVIS	LABORATORIES	LABORATORIES	HORSE/4515	1984	3879	\$9,484.57	\$45,723.59	\$55,208.16
530620B006	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GRNHSF A/GH 3-4511	1984	540	\$27,387.18	\$0.00	\$27,387.18
530620B007	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	GRNHSF D/GH 4-4513	1984	540	\$27,548.52	\$0.00	\$27,548.52
530620B008	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	LATH HOUSE 39/75-4516	1984	1640	\$26,433.63	\$60,448.08	\$86,881.71
530620B009	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	SCNHSF 8/H1 7-4519	1985	1200	\$15,341.68	\$44,231.03	\$59,572.71
530620B041	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	SCNHSF D/SH 9-4698	1992	1200	\$0.00	\$0.00	\$0.00
530620B042	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	SCNHSF D/SH 9-4698	1995	1200	\$0.00	\$0.00	\$0.00
530620B043	CALIFORNIA	DAVIS	GREENHOUSE	GREENHOUSE	OFFICE/LAB TRAILER	1996	1440	\$1,059.45	\$8,413.06	\$9,472.51
530620B044	CALIFORNIA	DAVIS	RESEARCH OFFICE/LABORATORY	RESEARCH OFFICE/LABORATORY	MAIN OFFICE/LAB	2005	78000	\$0.00	\$0.00	\$0.00
5310B0001	CALIFORNIA	DAVIS	LABORATORIES	LABORATORIES	QUARANTINE SCREENHOUSE	2006	400	\$0.00	\$0.00	\$0.00
5310B0002	CALIFORNIA	RIVERSIDE	RESEARCH OFFICE/LABORATORY	RESEARCH OFFICE/LABORATORY	US SALINITY LAB	1995	92000	\$72,561.46	\$576,206.82	\$648,768.28
5310B0003	CALIFORNIA	RIVERSIDE	LABORATORIES	LABORATORIES	GERMPLASM BUILDING 56	1987	2675	\$192,999.20	\$3,275.14	\$196,274.34
5310B0004	CALIFORNIA	RIVERSIDE	LABORATORIES	LABORATORIES	SCREENHOUSE 57	1987	10200	\$275,423.18	\$629,865.57	\$905,288.75
5310B0005	CALIFORNIA	RIVERSIDE	LABORATORIES	LABORATORIES	LABORATORY	1987	10200	\$1,163.14	\$1,163.14	\$2,326.28
5310B0006	CALIFORNIA	RIVERSIDE	LABORATORIES	LABORATORIES	TRAILER, OFFICE	1987	6048	\$4,852.64	\$1,766.42	\$6,619.07
5310B0007	CALIFORNIA	RIVERSIDE	LABORATORIES	LABORATORIES	GREENHOUSE	2007	436	\$0.00	\$0.00	\$0.00
5320B0001	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	SCREENHOUSE 64	1973	4800	\$7,393.76	\$55,150.29	\$62,544.04
5320B0002	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	LABORATORY, REARING 1	1973	5716	\$8,803.54	\$65,674.80	\$74,478.34
5320B0003	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	LABORATORY, REARING 2	1973	2615	\$4,027.51	\$30,045.42	\$34,072.93
5320B0004	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	SCIENTIST OFFICES/LABS #3	1975	1160	\$1,786.58	\$13,327.99	\$15,114.57
5320B0005	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	LABORATORY, REARING 5	1975	1560	\$2,402.65	\$17,923.84	\$20,326.49
5320B0006	HAWAII	HONOLULU	WAREHOUSES	WAREHOUSES	LABORATORY, REARING 6	1975	460	\$0.00	\$0.00	\$0.00
5320B0007	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	EQUIPMENT STORAGE	1975	460	\$0.00	\$0.00	\$0.00
5320B0008	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	LABORATORY F	1966	1225	\$13,586.00	\$8,035.12	\$21,621.12
5320B0009	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	LABORATORY	1986	1875	\$46,315.93	\$0.00	\$46,315.93
5320B0010	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	GREENHOUSE 1	1986	3000	\$16,714.33	\$11,466.92	\$28,181.25
5320B0011	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	GREENHOUSE 2	1986	3000	\$16,714.33	\$11,466.92	\$28,181.25
5320B0012	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	LABORATORY	1986	1172	\$6,855.15	\$2,386.61	\$9,241.76
5320B0013	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	HEADHOUSE 4	1986	410	\$5,203.83	\$2,386.61	\$7,590.44
5320B0014	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	HEADHOUSE 5	1988	339	\$657.06	\$1,100.00	\$1,757.06
5320B0015	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	QUARANTINE	2001	1134	\$0.00	\$0.00	\$0.00
5320B0016	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	GREENHOUSE	2001	1379	\$0.00	\$0.00	\$0.00
5320B0017	HAWAII	HONOLULU	WAREHOUSES	WAREHOUSES	EQUIPMENT STORAGE	1991	2304	\$2,740.30	\$8,865.46	\$11,605.75
5320B0018	HAWAII	HONOLULU	WAREHOUSES	WAREHOUSES	STORAGE BUILDING	1991	2016	\$2,397.76	\$7,757.27	\$10,155.03
5320B0019	HAWAII	HONOLULU	WAREHOUSES	WAREHOUSES	POTTING STORAGE	1986	450	\$99.69	\$0.00	\$99.69
5320B0020	HAWAII	HONOLULU	WAREHOUSES	WAREHOUSES	STORAGE SHED	1986	450	\$99.69	\$0.00	\$99.69
5320B0021	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	OFFICE/LABORATORY	1941	192817	\$3,016,957.00	\$1,928,997.35	\$4,945,954.35
5320B0022	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	OFFICE/LABORATORY	1941	8442	\$753,769.80	\$13,716.54	\$771,486.34
5320B0023	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	STORAGE BUILDING	1941	430	\$6,083.91	\$13,115.52	\$19,199.43
5320B0024	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	SERVICE	1941	430	\$6,083.91	\$13,115.52	\$19,199.43
5320B0025	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	STORAGE (EQUIPMENT)	1945	225	\$2,215.35	\$6,671.16	\$8,886.51
5320B0026	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	LATH HOUSE	1945	225	\$2,215.35	\$6,671.16	\$8,886.51
5320B0027	HAWAII	HONOLULU	LABORATORIES	LABORATORIES	HAZARDOUS WASTE STORAGE BUILDING	1962	800	\$9,417.87	\$0.00	\$9,417.87

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	Deferred Maintenance		
								DM Critical	DM Non-Critical	DM Total
532500800A	CALIFORNIA	ALBANY	ALL OTHER	ALL OTHER	Smoking Shelter	2004	40	\$0.00	\$0.00	\$0.00
532500800B	CALIFORNIA	ALBANY	SERVICE	SHOP	Overpass building	2003	7500	\$8,917.29	\$0.00	\$8,917.29
532500800C	CALIFORNIA	ALBANY	WAREHOUSE	WAREHOUSE	Quarantine Greenhouse (Phase 2)	1985	2400	\$20,953.95	\$4,347.10	\$25,301.05
532500800D	CALIFORNIA	ALBANY	ALL OTHER	ALL OTHER	Trailer in Growth Chamber	2002	360	\$0.00	\$0.00	\$0.00
532500800E	CALIFORNIA	ALBANY	OFFICE	TRAILER, OFFICE	Trailer	1997	360	\$0.00	\$43,962.27	\$43,962.27
532500800F	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	New WRC Greenhouse	2007	2100	\$0.00	\$0.00	\$0.00
532500800G	CALIFORNIA	ALBANY	WAREHOUSES	CHEMICAL STORAGE	STORAGE SOLVENT EXTRACTION	1958	920	\$89,006.04	\$8,863.58	\$97,869.62
532500800H	CALIFORNIA	ALBANY	WAREHOUSES	CHEMICAL STORAGE	WOOD BUILDING	1959	16000	\$268,355.99	\$12,926.09	\$391,282.08
532500800I	CALIFORNIA	ALBANY	WAREHOUSES	STORAGE BUILDING	STORAGE SOLVENT EXTRACTION	1962	520	\$6,839.64	\$0.00	\$6,839.64
532500800J	CALIFORNIA	ALBANY	WAREHOUSES	CHEMICAL STORAGE	WEST ANNEX BLDG	1968	54910	\$1,017,924.87	\$500,931.27	\$1,518,856.14
532500800K	CALIFORNIA	ALBANY	LABORATORIES	LABORATORY	GREENHOUSE ON BLDG 003	1971	6000	\$341,696.85	\$0.00	\$341,696.85
532500800L	CALIFORNIA	ALBANY	ALL OTHER	HEADHOUSE/GREENHOUSE	GREENHOUSE/HEADHOUSE	1983	4500	\$60,955.10	\$100,524.15	\$161,479.25
532500800M	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 1)	1988	8364	\$60,292.45	\$1,384.75	\$61,677.20
532500800N	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	HEADHOUSE/PGEC GREENHOUSE 3	1989	8170	\$49,043.35	\$1,384.75	\$50,428.10
532500800O	CALIFORNIA	ALBANY	ALL OTHER	HEADHOUSE/GREENHOUSE	HEADHOUSE/PGEC GREENHOUSE 3	1989	8368	\$68,441.45	\$0.00	\$68,441.45
532500800P	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800Q	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800R	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800S	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800T	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800U	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800V	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800W	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800X	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800Y	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800Z	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800A	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800B	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800C	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800D	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800E	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800F	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800G	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800H	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800I	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800J	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800K	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800L	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800M	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800N	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800O	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800P	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800Q	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800R	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800S	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800T	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800U	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800V	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800W	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800X	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800Y	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
532500800Z	CALIFORNIA	ALBANY	ALL OTHER	GREENHOUSE	GREENHOUSE (PGEC 2)	1990	4000	\$7,372.25	\$7,980.47	\$15,352.72
534102890A	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 1	1990	4608	\$130.02	\$0.00	\$130.02
534102890B	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 2	1990	4608	\$130.02	\$0.00	\$130.02
534102890C	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 3	1990	4608	\$130.02	\$0.00	\$130.02
534102890D	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 4	1990	4608	\$130.02	\$0.00	\$130.02
534102890E	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 5	1990	4608	\$130.02	\$0.00	\$130.02
534102890F	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 6	1990	4608	\$130.02	\$0.00	\$130.02
534102890G	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 7	1990	4608	\$130.02	\$0.00	\$130.02
534102890H	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 8	1990	4608	\$130.02	\$0.00	\$130.02
534102890I	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 9	1990	4608	\$130.02	\$0.00	\$130.02
534102890J	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 10	1990	4608	\$130.02	\$0.00	\$130.02
534102890K	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 11	1990	4608	\$130.02	\$0.00	\$130.02
534102890L	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 12	1990	4608	\$130.02	\$0.00	\$130.02
534102890M	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 13	1990	4608	\$130.02	\$0.00	\$130.02
534102890N	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 14	1990	4608	\$130.02	\$0.00	\$130.02
534102890O	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 15	1990	4608	\$130.02	\$0.00	\$130.02
534102890P	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 16	1990	4608	\$130.02	\$0.00	\$130.02
534102890Q	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 17	1990	4608	\$130.02	\$0.00	\$130.02
534102890R	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 18	1990	4608	\$130.02	\$0.00	\$130.02
534102890S	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 19	1990	4608	\$130.02	\$0.00	\$130.02
534102890T	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 20	1990	4608	\$130.02	\$0.00	\$130.02
534102890U	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 21	1990	4608	\$130.02	\$0.00	\$130.02
534102890V	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 22	1990	4608	\$130.02	\$0.00	\$130.02
534102890W	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 23	1990	4608	\$130.02	\$0.00	\$130.02
534102890X	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 24	1990	4608	\$130.02	\$0.00	\$130.02
534102890Y	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 25	1990	4608	\$130.02	\$0.00	\$130.02
534102890Z	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 26	1990	4608	\$130.02	\$0.00	\$130.02
534102890A	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 27	1990	4608	\$130.02	\$0.00	\$130.02
534102890B	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 28	1990	4608	\$130.02	\$0.00	\$130.02
534102890C	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 29	1990	4608	\$130.02	\$0.00	\$130.02
534102890D	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 30	1990	4608	\$130.02	\$0.00	\$130.02
534102890E	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 31	1990	4608	\$130.02	\$0.00	\$130.02
534102890F	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 32	1990	4608	\$130.02	\$0.00	\$130.02
534102890G	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 33	1990	4608	\$130.02	\$0.00	\$130.02
534102890H	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 34	1990	4608	\$130.02	\$0.00	\$130.02
534102890I	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 35	1990	4608	\$130.02	\$0.00	\$130.02
534102890J	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 36	1990	4608	\$130.02	\$0.00	\$130.02
534102890K	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 37	1990	4608	\$130.02	\$0.00	\$130.02
534102890L	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 38	1990	4608	\$130.02	\$0.00	\$130.02
534102890M	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 39	1990	4608	\$130.02	\$0.00	\$130.02
534102890N	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 40	1990	4608	\$130.02	\$0.00	\$130.02
534102890O	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 41	1990	4608	\$130.02	\$0.00	\$130.02
534102890P	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 42	1990	4608	\$130.02	\$0.00	\$130.02
534102890Q	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 43	1990	4608	\$130.02	\$0.00	\$130.02
534102890R	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 44	1990	4608	\$130.02	\$0.00	\$130.02
534102890S	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 45	1990	4608	\$130.02	\$0.00	\$130.02
534102890T	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 46	1990	4608	\$130.02	\$0.00	\$130.02
534102890U	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 47	1990	4608	\$130.02	\$0.00	\$130.02
534102890V	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 48	1990	4608	\$130.02	\$0.00	\$130.02
534102890W	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 49	1990	4608	\$130.02	\$0.00	\$130.02
534102890X	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 50	1990	4608	\$130.02	\$0.00	\$130.02
534102890Y	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 51	1990	4608	\$130.02	\$0.00	\$130.02
534102890Z	ALASKA	PALMER	ALL OTHER	GREENHOUSE	PALMER GH 52	1990	4608	\$130.02	\$0.0	

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	Diverse Measurements		
								DM Critical	DM Non-Critical	DM Total
534200101	ARIZONA	TUCSON	ALL OTHER	GREENHOUSE	GREENHOUSE 214	1960	108	\$5,915.61	\$0.00	\$5,915.61
534200102	ARIZONA	TUCSON	WAREHOUSES	GREENHOUSE BUILDING	REF EQUIPMENT STORAGE BUILDING	1966	1200	\$29,502.94	\$0.00	\$29,502.94
534200203	ARIZONA	TUCSON	OFFICE	STORAGE BUILDING	CHART 302	1958	1200	\$29,502.94	\$0.00	\$29,502.94
534200304	ARIZONA	TUCSON	WARE-HOUSES	OFFICE	BLOG STORAGE BLDG 303	1958	1595	\$38,939.95	\$13,048.70	\$41,978.65
534200305	ARIZONA	TUCSON	LABORATORIES	OFFICE	BLOG 304	1967	165	\$1,544.17	\$13,049.81	\$14,593.98
534200315	ARIZONA	TUCSON	LABORATORIES	LABORATORY	BLOG 305	1967	800	\$34,737.53	\$8,591.38	\$43,328.91
534200316	ARIZONA	TUCSON	SERVICE	SHOP	SERVICE BUILDING 315	1965	800	\$31,890.78	\$4,106.40	\$36,997.18
534200317	ARIZONA	TUCSON	SERVICE	SHOP	SERVICE BUILDING 316	1971	960	\$1,753.31	\$4,081.55	\$5,834.86
534200318	ARIZONA	TUCSON	ALL OTHER	GREENHOUSE	GREENHOUSE 319	1972	960	\$3,707.45	\$6,630.59	\$10,338.04
534200319	ARIZONA	TUCSON	ALL OTHER	GREENHOUSE	GREENHOUSE 320	1972	108	\$11,361.21	\$10,059.26	\$21,420.47
534200320	ARIZONA	TUCSON	ALL OTHER	GREENHOUSE	GREENHOUSE 321	1972	708	\$37,627.76	\$77,222.44	\$114,850.20
534200321	ARIZONA	TUCSON	ALL OTHER	GREENHOUSE	GREENHOUSE 322	1972	708	\$37,627.76	\$77,222.44	\$114,850.20
534200346	ARIZONA	TUCSON	ALL OTHER	GREENHOUSE	GREENHOUSE 405	1975	716	\$2,886.31	\$8,900.91	\$11,787.22
534200347	ARIZONA	TUCSON	ALL OTHER	GREENHOUSE	GREENHOUSE 407	1975	716	\$2,886.31	\$8,900.91	\$11,787.22
534200407	ARIZONA	TUCSON	OFFICE	OFFICE	BLOG 412	1982	1200	\$4,232.84	\$821.04	\$5,053.87
534200413	ARIZONA	TUCSON	LABORATORIES	LABORATORY	BLOG 413	1983	4800	\$218,546.84	\$63,061.34	\$281,611.30
534200421	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	1961	4000	\$174,910.19	\$22,870.12	\$197,780.30
534200422	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	1966	4000	\$102,645.87	\$27,047.40	\$129,693.27
534200423	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2001	1190	\$0.00	\$0.00	\$0.00
534200424	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	23214	\$0.00	\$0.00	\$0.00
534200425	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200426	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200427	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200428	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200429	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200430	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200431	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200432	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200433	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200434	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200435	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200436	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200437	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200438	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200439	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200440	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200441	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200442	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200443	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200444	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200445	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200446	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200447	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200448	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200449	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200450	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200451	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200452	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200453	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200454	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200455	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200456	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200457	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200458	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200459	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200460	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200461	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200462	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200463	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200464	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200465	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200466	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200467	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200468	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200469	ARIZONA	TOMBSTONE	OFFICE	OFFICE	TOMBSTONE OFFICE	2005	42215	\$0.00	\$0.00	\$0.00
534200470	ARIZONA	MARICOPA	ALL OTHER	HEADHOUSE	HEADHOUSE 103	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200800	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 104	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200801	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 105	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200802	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 106	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200803	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 107	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200804	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 108	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200805	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 109	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200806	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 110	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200807	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 111	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200808	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 112	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200809	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 113	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200810	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 114	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200811	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 115	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200812	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 116	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200813	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 117	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200814	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 118	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200815	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 119	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200816	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 120	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200817	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 121	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200818	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 122	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200819	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 123	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200820	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 124	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200821	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 125	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200822	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 126	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200823	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 127	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200824	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 128	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200825	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 129	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200826	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 130	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200827	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 131	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200828	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 132	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200829	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 133	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200830	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 134	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200831	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 135	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200832	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 136	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200833	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 137	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200834	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 138	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200835	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 139	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200836	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 140	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200837	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 141	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200838	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 142	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200839	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 143	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200840	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 144	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200841	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 145	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87
534200842	ARIZONA	MARICOPA	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 146	1975	1984	\$11,586.93	\$18,258.94	\$29,845.87

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Deferred Maintenance		
								DM Critical	DM Non-Critical	DM Total
535008010	WASHINGTON	WENATCHEE	WAREHOUSES	HAZMAT FACILITY	HAZ. MAT STORAGE BLDG 10	1991	544	\$0.00	\$6,516.22	\$6,516.22
535008011	WASHINGTON	WENATCHEE	LABORATORIES	RESEARCH OFFICE/LABORATORY	MAIN LAB/OFFICE 001	1995	598/9	\$41,791.18	\$0.00	\$41,791.18
535008012	WASHINGTON	WAPATON	LABORATORIES	LABORATORY BUILDING	LABORATORY BUILDING 10	1998	2400	\$0.00	\$0.00	\$0.00
535020800	WASHINGTON	MOORE CITY	LABORATORIES	LABORATORY	METAL BUILDING P&H/REAR RES.	1970	800	\$26,184.98	\$3,468.81	\$29,653.79
535400801	WASHINGTON	PROSSER	LABORATORIES	LABORATORY	POTATO TISSUE CULTURE FACILIT	1989	1800	\$3,938.94	\$1,654.18	\$5,593.12
535400802	WASHINGTON	PROSSER	LABORATORIES	SCREENHOUSE	SCREENHOUSE 093	1985	3072	\$48,460.57	\$10,820.84	\$59,281.41
535400803	WASHINGTON	PROSSER	ALL OTHER	SCREENHOUSE	SOIL STORAGE BLDG 094	1974	812	\$5,584.31	\$8,721.09	\$14,305.40
535400804	WASHINGTON	PROSSER	WAREHOUSES	OFFICE	OFFICE/BREAKDOWN BUILDING 95	1983	3000	\$8,069.11	\$1,565.15	\$9,634.26
535400805	WASHINGTON	PROSSER	WAREHOUSES	CHEMICAL STORAGE	CHEM STORAGE BLDG (PORTABLE)	1989	240	\$1,419.83	\$0.00	\$1,419.83
535400806	WASHINGTON	PROSSER	ALL OTHER	HEADHOUSE/GREENHOUSE	GREENHOUSE/HOUSE 102	1962	12467	\$200,461.09	\$317,155.01	\$517,616.10
535400807	WASHINGTON	PROSSER	ALL OTHER	GREENHOUSE	GREENHOUSE 103	1967	730	\$39,304.06	\$0.00	\$39,304.06
535400808	WASHINGTON	PROSSER	SERVICE	SHOP	STORAGE/MAINTENANCE 104	1967	880	\$15,306.38	\$11,698.06	\$27,004.45
535400809	WASHINGTON	PROSSER	ALL OTHER	GREENHOUSE	GREENHOUSE 105	1966	246	\$572.00	\$7,352.16	\$7,924.16
535400810	WASHINGTON	PROSSER	ALL OTHER	GREENHOUSE	GREENHOUSE 106	1966	246	\$572.00	\$7,352.16	\$7,924.16
535400811	WASHINGTON	PROSSER	ALL OTHER	GREENHOUSE	GREENHOUSE 107	1966	246	\$572.00	\$7,352.16	\$7,924.16
535400812	WASHINGTON	PROSSER	ALL OTHER	GREENHOUSE	GREENHOUSE 108	1966	246	\$572.00	\$7,352.16	\$7,924.16
535400813	WASHINGTON	PROSSER	ALL OTHER	GREENHOUSE	GREENHOUSE 110	1966	246	\$572.00	\$7,352.16	\$7,924.16
535400814	WASHINGTON	PROSSER	ALL OTHER	GREENHOUSE	GREENHOUSE 111	1966	246	\$572.00	\$7,352.16	\$7,924.16
535400815	WASHINGTON	PROSSER	ALL OTHER	HEADHOUSE	HEADHOUSE 112	1966	246	\$572.00	\$7,352.16	\$7,924.16
535400816	WASHINGTON	PROSSER	WAREHOUSES	CHEMICAL STORAGE	ALFALFA SEED BUILDING 114	1967	1560	\$18,125.71	\$874.00	\$18,999.71
535400817	WASHINGTON	PROSSER	OFFICE	OFFICE	GROWTH CHAMBER BLDG 116	1991	4096	\$0.00	\$23,755.72	\$23,755.72
535400818	WASHINGTON	PROSSER	ALL OTHER	SOIL PREP/OFFICE BUILDING 117	SOIL PREP/OFFICE BUILDING 117	1970	800	\$4,604.86	\$0.00	\$4,604.86
535400819	WASHINGTON	PROSSER	ALL OTHER	SOIL PREP BLDG 118	SOIL PREP BLDG 118	1971	1600	\$52,976.50	\$13,102.30	\$66,078.80
535400820	WASHINGTON	PROSSER	ALL OTHER	BUTLER BUILDING 119	BUTLER BUILDING 119	1967	200	\$1,151.22	\$0.00	\$1,151.22
535400821	WASHINGTON	PROSSER	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING 120	1976	2880	\$176,304.97	\$0.00	\$176,304.97
535400822	WASHINGTON	PROSSER	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING 121	1975	3200	\$6,114.01	\$2,657.38	\$8,771.39
535400823	WASHINGTON	PROSSER	OFFICE	PEACHES SEED 121	PEACHES SEED 121	1976	3171	\$4,471.35	\$462.55	\$4,933.90
535400824	WASHINGTON	PROSSER	WAREHOUSES	EQUIPMENT STORAGE SHED 123	EQUIPMENT STORAGE SHED 123	1976	1800	\$8,568.11	\$1,565.15	\$10,133.26
535400825	WASHINGTON	PROSSER	WAREHOUSES	GROWTH CHAMBER BUILDING 124	GROWTH CHAMBER BUILDING 124	1987	3900	\$88.21	\$1,187.27	\$1,275.48
535400826	WASHINGTON	PROSSER	ALL OTHER	STORAGE BUILDING	STORAGE BUILDING 134	1968	1698	\$103,946.47	\$0.00	\$103,946.47
535400827	WASHINGTON	PROSSER	ALL OTHER	GREENHOUSE	GREENHOUSE 135	2001	408	\$0.00	\$0.00	\$0.00
535400828	OREGON	ADAMS	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB/SCREENHOUSE 001	2007	1536	\$0.00	\$0.00	\$0.00
535600800	OREGON	ADAMS	WAREHOUSES	GARAGE	EQUIPMENT GARAGE BUILDING 002	1970	15032	\$293,414.45	\$67,617.62	\$361,032.07
535600801	OREGON	ADAMS	SERVICE	SHOP	MACHINE/METAL SHOP BLDG 003	1976	4867	\$40,552.94	\$0.00	\$40,552.94
535600802	OREGON	ADAMS	WAREHOUSES	STORAGE BUILDING	SAMPLE STORAGE BLDG 011	1977	4864	\$43,487.18	\$218,865.19	\$262,352.37
535600803	OREGON	ADAMS	WAREHOUSES	SHED STORAGE	EQUIPMENT SHED	1986	4500	\$39,008.12	\$4,322.26	\$43,330.38
535600804	OREGON	CORVALLIS	ALL OTHER	BARN	POLE BLDG 26	1985	3400	\$929.37	\$0.00	\$929.37
535600805	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	NORTH FARM GR #1	1995	1926	\$0.00	\$0.00	\$0.00
535600806	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	NORTH FARM GR #1	1999	2700	\$2,220.42	\$0.00	\$2,220.42
535600807	OREGON	CORVALLIS	ALL OTHER	SCREENHOUSE	MODULAR LAB	2002	1400	\$160.00	\$0.00	\$160.00
535600808	IDAHO	PARMA	LABORATORIES	RESEARCH OFFICE/LABORATORY	SHOP/STORAGE 19	2002	2100	\$8,167.82	\$0.00	\$8,167.82
535600809	OREGON	CORVALLIS	SERVICE	RESEARCH OFFICE/LABORATORY	OFFICE/LAB 23	1966	20000	\$1,136,736.36	\$491,822.34	\$1,628,558.70
535600810	OREGON	CORVALLIS	LABORATORIES	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE 24	1967	10000	\$370,006.98	\$4,973.52	\$374,980.50
535600811	OREGON	CORVALLIS	LABORATORIES	LABORATORY	LAB OFFICE 1	1973	30825	\$429,823.08	\$598,442.52	\$1,028,265.60
535600812	OREGON	CORVALLIS	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 7	1975	1152	\$1,695.33	\$13,577.22	\$15,272.55
535600813	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	GREENHOUSE 8	1976	1300	\$6,327.30	\$0.00	\$6,327.30
535600814	OREGON	CORVALLIS	SERVICE	SHOP	ANEX BLDG 9	1976	2619	\$21,246.48	\$106,686.42	\$127,932.90
535600815	OREGON	CORVALLIS	ALL OTHER	HEADHOUSE	HEADHOUSE 16	1982	7000	\$146,144.00	\$21,016.02	\$167,160.02
535600816	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	GREENHOUSE 18	1982	2240	\$32,449.64	\$0.00	\$32,449.64
535600817	OREGON	CORVALLIS	ALL OTHER	ENV CHAMBER BLDG 25	ENV CHAMBER BLDG 25	1990	3150	\$9,970.94	\$1,754.55	\$11,725.49

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Discrete Maintenance		
								DM Critical	DM Non-Critical	DM Total
534810B031	OREGON	CORVALLIS	ALL OTHER	ALL OTHER	GAZEBO	1992	600	\$2,732.55	\$114.10	\$2,846.65
534810B033	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	GREENHOUSE 33	1995	1500	\$2,036.88	\$0.00	\$2,036.88
534810B034	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	GREENHOUSE 034	1995	1800	\$0.00	\$0.00	\$0.00
534815B012	OREGON	CORVALLIS	LABORATORIES	LABORATORIES	LABORATORY	1980	1800	\$371,655.76	\$78,489.52	\$450,145.28
534815B013	OREGON	CORVALLIS	LABORATORIES	LABORATORIES	GREENHOUSE COMPLEX 1-4	1983	1000	\$52	\$2,036.88	\$2,088.88
534815B014	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	GREENHOUSE 5	1983	2975	\$47,040.06	\$107,572.38	\$154,612.44
534815B015	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	SCREENHOUSE 6	1983	2975	\$47,040.06	\$107,572.38	\$154,612.44
534815B016	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	SCREENHOUSE 7	1983	2975	\$47,040.06	\$107,572.38	\$154,612.44
534815B017	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	SCREENHOUSE 8	1983	2975	\$47,040.06	\$107,572.38	\$154,612.44
534815B020	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	SCREENHOUSE 9	1983	2975	\$47,040.06	\$107,572.38	\$154,612.44
534815B021	OREGON	CORVALLIS	ALL OTHER	GREENHOUSE	SCREENHOUSE 10	1983	2975	\$47,040.06	\$107,572.38	\$154,612.44
534815B022	OREGON	CORVALLIS	ALL OTHER	VISITORS CENTER	VISITOR CENTER	1937	961	\$39,063.10	\$4,836.74	\$43,899.84
534800B001	OREGON	RILEY	FAMILY HOUSING	RESIDENCE	RESIDENCE/IBG HOUSE 02	1937	2992	\$9,580.06	\$24,892.54	\$34,472.60
534800B002	OREGON	RILEY	FAMILY HOUSING	RESIDENCE	RESIDENCE/MIDDLE HSE 03	1937	641	\$2,052.41	\$5,332.93	\$7,385.34
534800B006	OREGON	RILEY	FAMILY HOUSING	SHED, STORAGE	WOODSHED/GARAGE W/005 06	1937	336	\$0.00	\$6,911.96	\$6,911.96
534800B007	OREGON	RILEY	FAMILY HOUSING	WAREHOUSES	WOODSHED/SOUTH HOUSE 07	1937	1276	\$4,085.61	\$10,815.94	\$14,901.55
534800B008	OREGON	RILEY	WAREHOUSES	SHED, STORAGE	WOODSHED/SHED HOUSE 08	1937	512	\$778.30	\$6,911.96	\$7,690.26
534800B010	OREGON	RILEY	WAREHOUSES	STORAGE BUILDING	STRG BLDG VETERINARY BARN 10	1937	624	\$5,908.39	\$3,815.16	\$9,723.55
534800B012	OREGON	RILEY	ALL OTHER	ALL OTHER	DIPPING VAT 12	1937	252	\$0.00	\$11,252.99	\$11,252.99
534800B013	OREGON	RILEY	SERVICE	SCALE HOUSE, SERVICE	SCALE HOUSE 13	1937	985	\$9,495.17	\$13,797.45	\$23,292.62
534800B014	OREGON	RILEY	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HORSE BARN 14	1937	1240	\$14,344.01	\$22,164.68	\$36,508.68
534800B016	OREGON	RILEY	SERVICE	SHOP	SHOP/DRY LAB 16	1937	933	\$10,792.71	\$16,677.13	\$27,469.84
534800B018	OREGON	RILEY	SERVICE	SHOP	SERVICE/SHOP BLDG 18	1937	75	\$287.79	\$2,177.98	\$2,465.77
534800B019	OREGON	RILEY	SERVICE	ALL OTHER	GAS HOUSE 19	1937	1375	\$0.00	\$28,285.56	\$28,285.56
534800B020	OREGON	RILEY	WAREHOUSES	SHED, STORAGE	OPEN SHED EAST OF 021	1937	1224	\$49,753.63	\$6,160.43	\$55,914.06
534800B021	OREGON	RILEY	WAREHOUSES	SHED, STORAGE	MEETING HALL/CONF BLDG 21	1937	282	\$0.00	\$5,801.11	\$5,801.11
534800B022	OREGON	RILEY	WAREHOUSES	SHED, STORAGE	OPEN SHED WEST OF 021	1937	800	\$0.00	\$0.00	\$0.00
534800B023	OREGON	RILEY	WAREHOUSES	SHED, STORAGE	STORAGE	2000	1400	\$13,395.92	\$3,375.80	\$17,771.72
534800B034	OREGON	RILEY	LABORATORIES	LABORATORY	QUONSET BLDG	1989	1800	\$35,365.92	\$2,036.88	\$37,402.80
534800B003	IDAHO	BOISE	SERVICE	TRAILER, LABORATORY	QUONSET BLDG	1989	1800	\$35,365.92	\$2,036.88	\$37,402.80
534800B004	IDAHO	BOISE	WAREHOUSES	STORAGE BUILDING	VEHICLE STORAGE	1965	675	\$5,281.67	\$1,102.03	\$6,383.70
534800B005	IDAHO	BOISE	WAREHOUSES	GARAGE	VEHICLE STORAGE	1969	3510	\$30,718.98	\$0.00	\$30,718.98
534800B006	IDAHO	BOISE	DORMITORIES/BARR	BUNKHOUSE	BUNKHOUSE CABIN	1972	384	\$2,351.36	\$7,356.53	\$9,707.89
534800B007	IDAHO	BOISE	ACKS	ACKS	ACKS	1973	49	\$3.51	\$0.00	\$3.51
534800B008	IDAHO	BOISE	ALL OTHER	ALL OTHER	INSTRUMENT BLDG	1973	49	\$3.51	\$0.00	\$3.51
534800B009	IDAHO	BOISE	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG 8	1973	49	\$3.51	\$0.00	\$3.51
534800B011	IDAHO	BOISE	WAREHOUSES	UTILITY BUILDING	GENERATOR BLDG 9	1960	63	\$2,639.14	\$269.22	\$2,908.36
534800B012	IDAHO	DUBOIS	ALL OTHER	RESIDENCE	GENERATOR CABIN 11	1978	252	\$8,042.12	\$2,625.33	\$10,667.44
534800B013	IDAHO	DUBOIS	FAMILY HOUSING	RESIDENCE	RESIDENCE 3	1920	1926	\$9,524.76	\$27,009.36	\$36,534.12
534800B014	IDAHO	DUBOIS	WAREHOUSES	SHED, STORAGE	SERVICE BUILDING 4	1918	1690	\$6,925.57	\$27,411.93	\$34,337.50
534800B015	IDAHO	DUBOIS	WAREHOUSES	SHED, STORAGE	SHED 5	1918	315	\$2,959.57	\$8,506.22	\$11,465.79
534800B016	IDAHO	DUBOIS	WAREHOUSES	SHED, STORAGE	SHED 7	1918	315	\$2,959.57	\$8,506.22	\$11,465.79
534800B017	IDAHO	DUBOIS	WAREHOUSES	SHED, STORAGE	SHED 8	1918	315	\$2,959.57	\$8,506.22	\$11,465.79
534800B018	IDAHO	DUBOIS	WAREHOUSES	SHED, STORAGE	SHED 9	1918	315	\$2,959.57	\$8,506.22	\$11,465.79
534800B019	IDAHO	DUBOIS	DORMITORIES/BARR	DORMITORIES/BARRACKS	RESIDENCE 9 DORM	1931	7815	\$4,868.02	\$102,698.98	\$107,566.99
534800B020	IDAHO	DUBOIS	ACKS	ACKS	ACKS	1918	4185	\$30,718.98	\$19,058.12	\$49,777.10
534800B010	IDAHO	DUBOIS	WAREHOUSES	STORAGE BUILDING	STORAGE	1918	1520	\$1,228.16	\$25,839.84	\$27,068.00
534800B014	IDAHO	DUBOIS	WAREHOUSES	STORAGE BUILDING	STORAGE 14	1976	3648	\$13,371.39	\$18,989.01	\$32,360.40
534800B015	IDAHO	DUBOIS	FAMILY HOUSING	RESIDENCE	RESIDENCE 15	1928	2856	\$9,658.62	\$25,124.28	\$34,782.90
534800B016	IDAHO	DUBOIS	WAREHOUSES	GARAGE	GARAGE/STOR BLDG 16	1920	3850	\$34,655.94	\$208,996.86	\$243,652.80
534800B017	IDAHO	DUBOIS	FAMILY HOUSING	RESIDENCE	RESIDENCE 17	1936	2100	\$6,815.44	\$16,707.66	\$23,523.10
534800B018	IDAHO	DUBOIS	FAMILY HOUSING	RESIDENCE	RESIDENCE 18	1937	2772	\$9,658.62	\$25,096.68	\$34,755.30
534800B019	IDAHO	DUBOIS	OFFICE	LABORATORY, OFFICE	OFFICE AND LAB 19	1937	8896	\$19,697.63	\$122,191.44	\$141,889.07
534800B020	IDAHO	DUBOIS	FAMILY HOUSING	RESIDENCE	RESIDENCE 20	1938	2285	\$11,623.74	\$8,216.52	\$19,840.26

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	Site name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Deferred Maintenance	
								DM Critical	DM Non-Critical
5364008031	IDAHO	DUBOIS	LABORATORIES	LABORATORY	RAW BARN 21	1939	6664	\$25,932.48	\$127,614.86
5364008032	IDAHO	DUBOIS	WAREHOUSES	GARAGE	GARAGE 22	1938	2430	\$34.30	\$39,129.90
5364008034	IDAHO	DUBOIS	WAREHOUSES	RESIDENCE	RESIDENCE 24	1940	1680	\$9,702.78	\$7,131.84
5364008036	IDAHO	DUBOIS	WAREHOUSES	GARAGE	GARAGE 26	1940	1680	\$9,702.78	\$7,131.84
5364008037	IDAHO	DUBOIS	WAREHOUSES	RESIDENCE	RESIDENCE 27	1941	1680	\$9,702.78	\$7,131.84
5364008038	IDAHO	DUBOIS	WAREHOUSES	RESIDENCE	RESIDENCE 28	1942	2763	\$9,658.62	\$14,565.06
5364008040	IDAHO	DUBOIS	WAREHOUSES	STORAGE BUILDING	EQUIPMENT STORAGE 40	1933	1550	\$22,135.20	\$115,888.26
5364008044	IDAHO	DUBOIS	WAREHOUSES	SHED, STORAGE	STORAGE BLDG 44 HUNPHREY	1941	616	\$305.02	\$9,340.48
5364008047	IDAHO	DUBOIS	WAREHOUSES	SHED, STORAGE	STORAGE BLDG 47 HUNPHREY	1933	426	\$6.00	\$20,808.02
5364008051	IDAHO	DUBOIS	WAREHOUSES	OFFICE	OFFICE 51 HUNPHREY	1962	707	\$8,971.83	\$16,093.34
5364008053	IDAHO	DUBOIS	WAREHOUSES	SHED, STORAGE	STORAGE SHED 53	1969	1152	\$25,952.28	\$14,465.16
5364008056	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	RANGE LAB 56	1971	1024	\$44,739.43	\$15,258.94
5364008059	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LUNCH ROOM/UTILITY 59	1973	600	\$19,572.54	\$6,389.40
5364008061	IDAHO	DUBOIS	WAREHOUSES	RESIDENCE	RESIDENCE 60	1940	2772	\$9,658.62	\$25,096.68
5364008063	IDAHO	DUBOIS	WAREHOUSES	GARAGE	GARAGE/STORAGE 61	1940	756	\$5.00	\$14,879.16
5364008065	IDAHO	DUBOIS	WAREHOUSES	RESIDENCE	RESIDENCE 62	1934	2016	\$13,733.76	\$13,081.02
5364008066	IDAHO	DUBOIS	WAREHOUSES	RESIDENCE	RESIDENCE 63	1938	2924	\$18,239.46	\$7,004.38
5364008068	IDAHO	DUBOIS	WAREHOUSES	DOCK/DOCK/DOCK	DOCK/DOCK/DOCK 68	1975	5730	\$11,107.11	\$82,859.54
5364008069	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY - PHYSIOLOGY	1975	2460	\$43,193.56	\$43,193.56
5364008071	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	NUTRITION BARN 67	1938	300	\$27,679.31	\$5,935.79
5364008074	IDAHO	DUBOIS	WAREHOUSES	SHED, STORAGE	PUMP HOUSE/GARAGE 71	1918	300	\$2,669.23	\$25,600.45
5364008076	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	SHED 7A	1979	3000	\$9,118.59	\$45,238.83
5364008093	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LARF BUILDING 92	1978	3624	\$9,716.23	\$9,716.23
5364008098	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	SURGERY 93	1973	4200	\$28,945.76	\$9,749.70
5364008099	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	SHOP BUILDING 98	1981	3065	\$14,541.89	\$6.00
5364008100	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 99	1980	1700	\$28,945.76	\$6.00
5364008101	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	KENNEL 103	1989	7064	\$28,945.76	\$6.00
5364008102	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 102	1991	6000	\$28,945.76	\$6.00
5364008103	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 103	1991	6000	\$28,945.76	\$6.00
5364008104	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 104	1991	6000	\$28,945.76	\$6.00
5364008105	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 105	1991	6000	\$28,945.76	\$6.00
5364008106	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 106	1991	6000	\$28,945.76	\$6.00
5364008107	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 107	1991	6000	\$28,945.76	\$6.00
5364008108	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 108	1991	6000	\$28,945.76	\$6.00
5364008109	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 109	1991	6000	\$28,945.76	\$6.00
5364008110	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 110	1991	6000	\$28,945.76	\$6.00
5364008111	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 111	1991	6000	\$28,945.76	\$6.00
5364008112	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 112	1991	6000	\$28,945.76	\$6.00
5364008113	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 113	1991	6000	\$28,945.76	\$6.00
5364008114	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 114	1991	6000	\$28,945.76	\$6.00
5364008115	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 115	1991	6000	\$28,945.76	\$6.00
5364008116	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 116	1991	6000	\$28,945.76	\$6.00
5364008117	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 117	1991	6000	\$28,945.76	\$6.00
5364008118	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 118	1991	6000	\$28,945.76	\$6.00
5364008119	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 119	1991	6000	\$28,945.76	\$6.00
5364008120	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 120	1991	6000	\$28,945.76	\$6.00
5364008121	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 121	1991	6000	\$28,945.76	\$6.00
5364008122	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 122	1991	6000	\$28,945.76	\$6.00
5364008123	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 123	1991	6000	\$28,945.76	\$6.00
5364008124	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 124	1991	6000	\$28,945.76	\$6.00
5364008125	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 125	1991	6000	\$28,945.76	\$6.00
5364008126	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 126	1991	6000	\$28,945.76	\$6.00
5364008127	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 127	1991	6000	\$28,945.76	\$6.00
5364008128	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 128	1991	6000	\$28,945.76	\$6.00
5364008129	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 129	1991	6000	\$28,945.76	\$6.00
5364008130	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 130	1991	6000	\$28,945.76	\$6.00
5364008131	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 131	1991	6000	\$28,945.76	\$6.00
5364008132	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 132	1991	6000	\$28,945.76	\$6.00
5364008133	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 133	1991	6000	\$28,945.76	\$6.00
5364008134	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 134	1991	6000	\$28,945.76	\$6.00
5364008135	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 135	1991	6000	\$28,945.76	\$6.00
5364008136	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 136	1991	6000	\$28,945.76	\$6.00
5364008137	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 137	1991	6000	\$28,945.76	\$6.00
5364008138	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 138	1991	6000	\$28,945.76	\$6.00
5364008139	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 139	1991	6000	\$28,945.76	\$6.00
5364008140	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 140	1991	6000	\$28,945.76	\$6.00
5364008141	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 141	1991	6000	\$28,945.76	\$6.00
5364008142	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 142	1991	6000	\$28,945.76	\$6.00
5364008143	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 143	1991	6000	\$28,945.76	\$6.00
5364008144	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 144	1991	6000	\$28,945.76	\$6.00
5364008145	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 145	1991	6000	\$28,945.76	\$6.00
5364008146	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 146	1991	6000	\$28,945.76	\$6.00
5364008147	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 147	1991	6000	\$28,945.76	\$6.00
5364008148	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 148	1991	6000	\$28,945.76	\$6.00
5364008149	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 149	1991	6000	\$28,945.76	\$6.00
5364008150	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 150	1991	6000	\$28,945.76	\$6.00
5364008151	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 151	1991	6000	\$28,945.76	\$6.00
5364008152	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 152	1991	6000	\$28,945.76	\$6.00
5364008153	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 153	1991	6000	\$28,945.76	\$6.00
5364008154	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 154	1991	6000	\$28,945.76	\$6.00
5364008155	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 155	1991	6000	\$28,945.76	\$6.00
5364008156	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 156	1991	6000	\$28,945.76	\$6.00
5364008157	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 157	1991	6000	\$28,945.76	\$6.00
5364008158	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 158	1991	6000	\$28,945.76	\$6.00
5364008159	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 159	1991	6000	\$28,945.76	\$6.00
5364008160	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 160	1991	6000	\$28,945.76	\$6.00
5364008161	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 161	1991	6000	\$28,945.76	\$6.00
5364008162	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 162	1991	6000	\$28,945.76	\$6.00
5364008163	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 163	1991	6000	\$28,945.76	\$6.00
5364008164	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 164	1991	6000	\$28,945.76	\$6.00
5364008165	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 165	1991	6000	\$28,945.76	\$6.00
5364008166	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 166	1991	6000	\$28,945.76	\$6.00
5364008167	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 167	1991	6000	\$28,945.76	\$6.00
5364008168	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 168	1991	6000	\$28,945.76	\$6.00
5364008169	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 169	1991	6000	\$28,945.76	\$6.00
5364008170	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 170	1991	6000	\$28,945.76	\$6.00
5364008171	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 171	1991	6000	\$28,945.76	\$6.00
5364008172	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 172	1991	6000	\$28,945.76	\$6.00
5364008173	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 173	1991	6000	\$28,945.76	\$6.00
5364008174	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 174	1991	6000	\$28,945.76	\$6.00
5364008175	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 175	1991	6000	\$28,945.76	\$6.00
5364008176	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 176	1991	6000	\$28,945.76	\$6.00
5364008177	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 177	1991	6000	\$28,945.76	\$6.00
5364008178	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 178	1991	6000	\$28,945.76	\$6.00
5364008179	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 179	1991	6000	\$28,945.76	\$6.00
5364008180	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 180	1991	6000	\$28,945.76	\$6.00
5364008181	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 181	1991	6000	\$28,945.76	\$6.00
5364008182	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 182	1991	6000	\$28,945.76	\$6.00
5364008183	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 183	1991	6000	\$28,945.76	\$6.00
5364008184	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 184	1991	6000	\$28,945.76	\$6.00
5364008185	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 185	1991	6000	\$28,945.76	\$6.00
5364008186	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 186	1991	6000	\$28,945.76	\$6.00
5364008187	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 187	1991	6000	\$28,945.76	\$6.00
5364008188	IDAHO	DUBOIS	WAREHOUSES	LABORATORY	LABORATORY 188				

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Subcategory	Name	Year Constructed	Gross SqFt	Deferred Maintenance		
								DM Non-Critical	DM Critical	DM Total
5407028956	COLORADO	FORT COLLINS	GREENHOUSE		GREENHOUSES ARB 056	1979	5256	\$7,153.92	\$0.00	\$7,153.92
5407028958	COLORADO	FORT COLLINS	ALL OTHER		FT COLLINS RESEARCH FARM SHARED	2000	19345	\$0.00	\$0.00	\$0.00
5407028959	COLORADO	FORT COLLINS	WAREHOUSES		ACTIVITY	2005	10900	\$0.00	\$0.00	\$0.00
5407028960	COLORADO	FORT COLLINS	LABORATORIES		LABORATORY STORAGE ON RESEARCH FARM	1958	82934	\$1,317,373.13	\$0.00	\$1,317,373.13
5407028961	COLORADO	AKRON	LABORATORIES		LABORATORY OFFICE/LABORATORY	1978	9850	\$183,303.33	\$0.00	\$183,303.33
5407028962	COLORADO	AKRON	LABORATORIES		SEED HOUSE 002	1914	2240	\$85,939.10	\$0.00	\$85,939.10
5407028963	COLORADO	AKRON	WAREHOUSES		BARN STORAGE/GARAGE	1914	3660	\$2,643.57	\$55,231.05	\$57,874.62
5407028964	COLORADO	AKRON	WAREHOUSES		GARAGE 004	1916	3150	\$25,698.21	\$154,976.17	\$180,674.38
5407028965	COLORADO	AKRON	ALL OTHER		FUEL HEAD HOUSE 005	1916	131	\$10,365.96	\$2,222.96	\$12,588.92
5407028966	COLORADO	AKRON	ALL OTHER		SAMPLE PHOC BLDG 006	1916	6100	\$43,524.84	\$33,423.78	\$76,948.62
5407028967	COLORADO	AKRON	SERVICE		SERVICE SHOP	1957	3000	\$25,635.27	\$2,966.55	\$28,601.81
5407028968	COLORADO	AKRON	WAREHOUSES		STORAGE ROUND TOP	1962	4000	\$31,286.90	\$12,232.34	\$43,519.24
5407028969	COLORADO	AKRON	WAREHOUSES		STORAGE SQUARE TOP	1981	5000	\$31,795.61	\$0.00	\$31,795.61
5407028970	COLORADO	AKRON	WAREHOUSES		CHEMICAL STORAGE BLDG 011	1982	759	\$760.19	\$0.00	\$760.19
5407028971	COLORADO	AKRON	WAREHOUSES		CHEMICAL STORAGE BLDG 012	1982	3000	\$25,084.59	\$0.00	\$25,084.59
5407028972	COLORADO	AKRON	WAREHOUSES		OFFICE	1982	1000	\$8,344.65	\$0.00	\$8,344.65
5407028973	COLORADO	AKRON	WAREHOUSES		SAMPLE STORAGE BLDG	1982	1000	\$31,795.61	\$0.00	\$31,795.61
5407028974	COLORADO	AKRON	WAREHOUSES		MACHINERY STORAGE SOUTH	2004	7750	\$0.00	\$0.00	\$0.00
5407028975	COLORADO	AKRON	ALL OTHER		RAINOUT SHELTER BLDG 22	1981	2500	\$927.36	\$0.00	\$927.36
5407028976	COLORADO	AKRON	HEADHOUSE		HEADHOUSE/STORAGE	2005	3000	\$0.00	\$0.00	\$0.00
5409008001	WYOMING	CHEYENNE	FAMILY HOUSING		RESIDENCE 001	1929	2250	\$22,014.53	\$80,027.18	\$102,041.71
5409008002	WYOMING	CHEYENNE	FAMILY HOUSING		RESIDENCE 002	1929	2250	\$31,185.31	\$80,027.18	\$111,212.49
5409008003	WYOMING	CHEYENNE	FAMILY HOUSING		RESIDENCE 003	1929	3150	\$31,800.44	\$118,202.23	\$150,002.67
5409008004	WYOMING	CHEYENNE	FAMILY HOUSING		RESIDENCE 004	1929	4110	\$43,786.57	\$114,930.67	\$158,717.24
5409008005	WYOMING	CHEYENNE	FAMILY HOUSING		RESIDENCE 005	1928	2104	\$31,830.58	\$155,262.10	\$187,092.68
5409008006	WYOMING	CHEYENNE	LABORATORIES		MAIN OFFICE/LABORATORY 006	1929	4200	\$41,962.47	\$201,510.15	\$243,472.62
5409008007	WYOMING	CHEYENNE	FAMILY HOUSING		RESIDENCE 007	1928	2104	\$27,187.65	\$181,851.06	\$209,038.71
5409008008	WYOMING	CHEYENNE	LABORATORIES		PHONE SYSTEM BLDG	1928	3121	\$15,627.73	\$15,627.73	\$31,255.46
5409008009	WYOMING	CHEYENNE	LABORATORIES		PHONE SYSTEM BLDG	1928	3121	\$15,627.73	\$15,627.73	\$31,255.46
5409008010	WYOMING	CHEYENNE	WAREHOUSES		GARAGE 010	1929	580	\$61.00	\$31,331.30	\$31,392.30
5409008011	WYOMING	CHEYENNE	WAREHOUSES		GARAGE 011	1929	420	\$224.80	\$19,806.40	\$20,031.20
5409008012	WYOMING	CHEYENNE	WAREHOUSES		GARAGE 012	1929	740	\$3,443.20	\$30,531.20	\$33,974.40
5409008013	WYOMING	CHEYENNE	WAREHOUSES		GARAGE 013	1929	740	\$1,224.00	\$24,505.60	\$25,729.60
5409008014	WYOMING	CHEYENNE	CHEMICAL STORAGE		GARAGE/PESTICIDE SHED 014	1929	740	\$3,136.32	\$26,410.86	\$29,547.18
5409008015	WYOMING	CHEYENNE	ALL OTHER		ENVIRONMENTAL CHAMBERS 015	1939	1788	\$73,663.34	\$7,675.56	\$81,338.90
5409008016	WYOMING	CHEYENNE	STORAGE BUILDING		STORAGE CELLAR 016	1929	2604	\$2,640.80	\$60,660.00	\$63,300.80
5409008017	WYOMING	CHEYENNE	BARN		BARN 017	1929	4192	\$14,244.80	\$136,570.40	\$150,815.20
5409008018	WYOMING	CHEYENNE	SHOP		SHOP 018	1929	7500	\$66,897.35	\$278,868.07	\$345,765.42
5409008019	WYOMING	CHEYENNE	HEADHOUSE/GREENHOUSE		HEADHOUSE/GREENHOUSE 019	1929	7737	\$84,003.01	\$386,473.68	\$470,476.69
5409008020	WYOMING	CHEYENNE	GREENHOUSE		GREENHOUSE 020	1937	7390	\$3,329.60	\$82,792.00	\$86,121.60
5409008021	WYOMING	CHEYENNE	PUMP HOUSE		PUMP HOUSE 021	1929	7740	\$4,140.00	\$40,000.00	\$44,140.00
5409008022	WYOMING	CHEYENNE	OFFICE		MAIN OFFICE	1982	2760	\$26,548.52	\$15,138.86	\$41,687.38
5409508001	COLORADO	NUNN	OFFICE		STORAGE/ORAGE	1961	886	\$18,378.49	\$14,101.13	\$32,479.61
5409508002	COLORADO	NUNN	WAREHOUSES		LUNCHROOM	1964	560	\$1,040.15	\$20,202.26	\$21,242.41
5409508003	COLORADO	NUNN	GARAGE, SERVICE		LARGE GARAGE/SHOP	1938	4080	\$49,080.50	\$76,840.26	\$125,920.76
5409508004	COLORADO	NUNN	ANIMAL FACILITY, ALL OTHER		HORSE BARN	1933	1500	\$14,864.54	\$21,599.68	\$36,464.22
5409508005	COLORADO	NUNN	STORAGE BUILDING		CHEMICAL FEED	1964	1120	\$9,207.15	\$14,090.50	\$23,297.65
5409508006	COLORADO	NUNN	CHEMICAL STORAGE		CHEMICAL STORAGE	1984	1120	\$786.35	\$0.00	\$786.35
5409508007	COLORADO	NUNN	WAREHOUSES		RESIDENCE #1	1959	2480	\$8,174.34	\$12,656.85	\$20,831.19
5409508008	COLORADO	NUNN	WAREHOUSES		GARAGE FOR RES #1	1962	600	\$1,248.85	\$6,461.41	\$7,710.26
5409508009	COLORADO	NUNN	WAREHOUSES		RESIDENCE #2	1982	1200	\$3,955.32	\$6,124.28	\$10,079.60
5409508010	COLORADO	NUNN	WAREHOUSES		GARAGE FOR RESIDENCE #2	1992	484	\$717.68	\$2,321.48	\$3,039.16

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Deferred Maintenance		
								DM Critical	DM Non-Critical	DM Total
5400808017	COLORADO	NUNN	WAREHOUSES	STORAGE BUILDING	WEST METAL STORAGE	1964	1120	\$9,207.15	\$14,030.50	\$23,237.65
5410008004	WYOMING	LARAMIE	ALL OTHER	CONTAINMENT FACILITY, LARGE	LARGE ANIMAL ISOLATION BUILDING	1992	2676	\$129,021.49	\$227,710.91	\$351,732.40
5410008006	WYOMING	LARAMIE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	DECONTAMINATION BUILDING	1991	1865	\$0.00	\$0.00	\$0.00
5410008007	WYOMING	LARAMIE	SERVICE	UTILITY BUILDING	GENERATOR BUILDING	1989	381	\$54,163.52	\$8,605.12	\$62,768.64
5410008008	WYOMING	LARAMIE	WAREHOUSES	STORAGE BUILDING	SHOP	1969	1518	\$54,163.52	\$8,906.16	\$63,159.68
5410008009	WYOMING	LARAMIE	WAREHOUSES	TRAILER, STORAGE	BUTLER STORAGE BUILDING	1955	1000	\$9,518.30	\$0.00	\$9,518.30
5410008011	WYOMING	LARAMIE	ALL OTHER	INSECT FACILITY	TRAILER	1970	960	\$8,920.09	\$17,502.06	\$26,422.15
5428058001	UTAH	LOGAN	LABORATORIES	SCREEN HOUSE	INSECTARY	2005	2115	\$0.00	\$0.00	\$0.00
5428108001	UTAH	LOGAN	LABORATORIES	RESEARCH OFFICE/LABORATORY	SCREEN HOUSE - BEE LAB	2000	1440	\$0.00	\$0.00	\$0.00
5428108002	UTAH	LOGAN	ALL OTHER	GREENHOUSE	LAB/OFFICE 001	1962	20400	\$271,948.00	\$799,708.00	\$571,656.00
5428108003	UTAH	LOGAN	ALL OTHER	GREENHOUSE	GREENHOUSE 002	1962	4160	\$97,905.00	\$264,609.00	\$362,514.00
5428108004	UTAH	LOGAN	ALL OTHER	GREENHOUSE	GREENHOUSE 004	1966	4160	\$94,711.00	\$264,609.00	\$369,320.00
5428108005	UTAH	LOGAN	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING 005	1962	6480	\$58,358.40	\$264,609.00	\$361,644.00
5428108008	UTAH	LOGAN	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG 008 - EVANS FARM	1969	1032	\$13,723.20	\$4,696.80	\$18,420.00
5428108009	UTAH	LOGAN	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG - NORTH FARM	1967	525	\$1,894.40	\$1,722.40	\$3,616.80
5429108010	UTAH	LOGAN	WAREHOUSES	STORAGE BUILDING	NORTH FARM/GREENVILLE	2007	5750	\$0.00	\$0.00	\$0.00
5429108011	UTAH	LOGAN	ALL OTHER	SHOP	SUGAR BEET FLD HS 011 - F&R CMPD	1963	5884	\$131,627.20	\$13,709.60	\$165,336.80
5429108035	UTAH	LOGAN	SERVICE	SHOP	SHOP/STORAGE BLDG - F&R CMPD	1978	3004	\$5,724.00	\$5,675.20	\$11,399.20
5429108046	UTAH	LOGAN	WAREHOUSES	SHED, STORAGE	SOIL SHED 046 - F&R CMPD	1984	480	\$0.00	\$0.00	\$0.00
5429108064	UTAH	LOGAN	LABORATORIES	STORAGE BUILDING	METAL STOR. BLDG/EVANS F&R	1999	4800	\$273.60	\$0.00	\$273.60
5429208001	UTAH	LOGAN	ALL OTHER	LABORATORY	POISONOUS PLANT LABORATORY	2004	26750	\$31,971.32	\$0.00	\$31,971.32
5429208006	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	PPRL Farrowing Hse	2005	2400	\$0.00	\$0.00	\$0.00
5429208007	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	PPRL Ind. Feeding Barn	2005	5400	\$0.00	\$0.00	\$0.00
5429208008	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	PPRL Cattle Barn	2005	10800	\$0.00	\$0.00	\$0.00
5429208018	UTAH	LOGAN	ALL OTHER	STORAGE BUILDING	SHOP/STORAGE COL'DY 018 - PPRL"	1977	3175	\$21,861.90	\$6,546.42	\$28,408.32
5429208025	UTAH	LOGAN	ALL OTHER	STORAGE BUILDING	SHOP/STORAGE COL'DY 025 - PPRL	1978	1655	\$36,625.29	\$0.00	\$36,625.29
5429208026	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHED - EVANS F&R	1984	1156	\$20,563.36	\$14,030.50	\$34,593.86
5429208028	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	TREATMENT ROOM 028 - PPRL	1987	1586	\$31,133.16	\$0.00	\$31,133.16
5429208029	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	METABOLISM BLDG 029 - PPRL	1987	3280	\$586.44	\$369.36	\$955.80
5429208031	UTAH	LOGAN	SERVICE	SHOP	SHOP/VEH. STORAGE 031 - PPRL	1972	2250	\$46,503.72	\$0.00	\$46,503.72
5429208032	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP & HAY BARN 032 - PPRL	1972	2250	\$46,503.72	\$0.00	\$46,503.72
5429208036	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SMALL ANIMAL ROOM 036 - PPRL	1958	6305	\$151.20	\$0.00	\$151.20
5429208039	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	Sow Farrow House, Rich Farm pp	1984	50	\$151.20	\$0.00	\$151.20
5429208040	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	Sow Farrow House, Rich Farm pp	1984	50	\$151.20	\$0.00	\$151.20
5429208041	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	Sow Farrow House, Rich Farm pp	1984	50	\$151.20	\$0.00	\$151.20
5429208042	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	Sow Farrow House, Rich Farm pp	1984	50	\$151.20	\$0.00	\$151.20
5429208043	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	Sow Farrow House, Rich Farm pp	1984	50	\$151.20	\$0.00	\$151.20
5429208044	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	Sow Farrow House, Rich Farm pp	1984	50	\$151.20	\$0.00	\$151.20
5429208045	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	Sow Farrow House, Rich Farm pp	1984	50	\$151.20	\$0.00	\$151.20
5429208055	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	STORAGE BUILDING - PPRL	1984	600	\$212.80	\$0.00	\$212.80
5429208056	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	STORAGE BUILDING - PPRL	1984	3360	\$273.20	\$0.00	\$273.20
5429208057	UTAH	LOGAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	POLE HAY SHED/RICHMOND FARM PP	1984	3360	\$273.20	\$0.00	\$273.20
5429208058	UTAH	LOGAN	ALL OTHER	HEADHOUSE	HEADHOUSE	2002	1344	\$713.68	\$0.00	\$713.68
5429208059	UTAH	LOGAN	ALL OTHER	GREENHOUSE	GREENHOUSE FOR 057 HH	2006	1450	\$0.00	\$0.00	\$0.00
5429208060	UTAH	LOGAN	ALL OTHER	GREENHOUSE	GREENHOUSE	2006	4800	\$0.00	\$0.00	\$0.00
5429208063	UTAH	LOGAN	LABORATORIES	LABORATORY	LABORATORY	2006	1628	\$0.00	\$0.00	\$0.00
5429208069	UTAH	LOGAN	LABORATORIES	LABORATORY	LABORATORY	2000	1628	\$0.00	\$0.00	\$0.00
5429208070	UTAH	RICHMOND	ALL OTHER	ANIMAL FACILITY, ALL OTHER	PLANT EXTRACTION	2006	1628	\$0.00	\$0.00	\$0.00
5429208075	UTAH	RICHMOND	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL BLDG. RICHMOND FARM PP	2000	392	\$0.00	\$0.00	\$0.00
5429208076	UTAH	RICHMOND	ALL OTHER	ANIMAL FACILITY, ALL OTHER	DEER PEN SLTR. RICHMOND FARM PP	2000	392	\$0.00	\$0.00	\$0.00
5429208080	UTAH	RICHMOND	LABORATORIES	LABORATORY	DEER PEN SLTR. RICHMOND FARM PP	2000	392	\$0.00	\$0.00	\$0.00
5430008001	KANSAS	MANHATTAN	LABORATORIES	LABORATORY	LABORATORY 001	1971	63578	\$676,739.44	\$411,352.16	\$1,088,091.60
5430008002	KANSAS	MANHATTAN	ALL OTHER	HEADHOUSE	LABORATORY 001	1971	17972	\$166,969.26	\$87,370.57	\$254,339.83
5430008004	KANSAS	MANHATTAN	WAREHOUSES	CHEMICAL STORAGE	GRAIN PILOT HEADHOUSE 003	1973	864	\$19,262.21	\$0.00	\$19,262.21

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	Disaster Mitigation		
								DM Critical	DM Non-Critical	DM Total
54300B005	KANSAS	MANHATTAN	SERVICE LABORATORIES	SHOP	SHOP/STORAGE 051	1977	5000	\$38,590.03	\$103,774.38	\$142,364.40
54300B006	KANSAS	MANHATTAN	LABORATORIES	LABORATORY	BRU RESEARCH BUILDING 006	1988	1600	\$1,336.87	\$5,581.03	\$6,917.90
54300B019	KANSAS	MANHATTAN	ALL OTHER	UTILITY BUILDING	UTILITY BLDG ROCKY F019 MOU	1968	3200	\$82,273.99	\$26,857.82	\$109,131.81
54300B034	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B035	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B036	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B037	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B038	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B039	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B040	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B041	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B042	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B043	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B044	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B045	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B046	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B047	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B048	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B049	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B050	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B051	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B052	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B053	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B054	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B055	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B056	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B057	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B058	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B059	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B060	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B061	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B062	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B063	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B064	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B065	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B066	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B067	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B068	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B069	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B070	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B071	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B072	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B073	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B074	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B075	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B076	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B077	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B078	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B079	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B080	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B081	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B082	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B083	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B084	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B085	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B086	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B087	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B088	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B089	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B090	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B091	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B092	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B093	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B094	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B095	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B096	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B097	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B098	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B099	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00
54300B100	KANSAS	MANHATTAN	WAREHOUSES	SHED STORAGE	10X20 WD SHED-PACKAGING RES	1995	200	\$0.00	\$0.00	\$0.00

ABS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Diverse Maintenance		
								DM Critical	DM Non-Critical	DW Total
5434008099	MONTANA	MILES CITY	ALL OTHER	BARN	NO. 2 CAMP BARN	1931	500	\$18,306.46	\$311.17	\$18,617.63
5434008100	MONTANA	MILES CITY	ALL OTHER	ANIMAL FACILITY, ALL OTHER	INVESTOCK FACILITY #2 CAMP	1931	540	\$96,935.22	\$8,087.09	\$45,022.31
5434008101	MONTANA	MILES CITY	DOORWAYS/BARR	DOORWAYS/BARR	LONE PINE HOUSE	1932	284	\$1,695.65	\$5,305.05	\$7,000.71
5434008102	MONTANA	MILES CITY	ALL OTHER	SHOP	LONE PINE WORKING UNIT	1932	520	\$0.00	\$34,552.56	\$34,552.56
5434008109	MONTANA	MILES CITY	ALL OTHER	BARN	RADAR BASE BARN	1936	480	\$17,574.20	\$398.71	\$17,972.93
5434008110	MONTANA	MILES CITY	ALL OTHER	ALL OTHER	RADAR BASE BUILDING	1936	4200	\$41,550.49	\$27,533.24	\$69,083.73
5434008111	MONTANA	MILES CITY	WAREHOUSES	GARAGE	6 STALL GARAGE	2005	2739	\$0.00	\$0.00	\$0.00
5434081074	MONTANA	MILES CITY	ALL OTHER	ALL OTHER	RADAR BASE SHED	1936	500	\$21,235.18	\$2,629.31	\$23,864.49
5434081084	MONTANA	MILES CITY	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE WKS FAC AT RADAR BASE	1994	256	\$1,674.27	\$313.03	\$1,987.29
5434081091	MONTANA	MILES CITY	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB 001	1965	8935	\$103,464.68	\$0.00	\$103,464.68
5436008001	MONTANA	SIDNEY	ALL OTHER	HEADHOUSE	HEADHOUSE/LAB 002	1965	4494	\$52,448.39	\$25,803.77	\$78,052.17
5436008002	MONTANA	SIDNEY	ALL OTHER	GREENHOUSE	HEADHOUSE	1968	980	\$72,708.83	\$0.00	\$72,708.83
5436008003	MONTANA	SIDNEY	WAREHOUSES	STORAGE BUILDING	SOIL PREP & STORAGE 004	1967	3456	\$76,514.16	\$0.00	\$76,514.16
5436008004	MONTANA	SIDNEY	LABORATORIES	LABORATORY	BIOCHEMICAL BLDG	1996	1440	\$12,625.58	\$11,173.22	\$11,798.80
5436008005	MONTANA	SIDNEY	ALL OTHER	INSECT FACILITY	INSECT FACILITY	1997	1400	\$9,240.61	\$5,499.55	\$14,740.16
5436008011	MONTANA	SIDNEY	ALL OTHER	STORAGE BUILDING	STORAGE BUILDING 005	1997	2500	\$6,128.28	\$0.00	\$6,128.28
5436008013	MONTANA	SIDNEY	WAREHOUSES	GARAGE	VEHICLE GARAGE	1997	2520	\$0.00	\$0.00	\$0.00
5436008014	MONTANA	SIDNEY	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE BLD 008	1992	360	\$900.80	\$0.00	\$900.80
5436008015	MONTANA	CULBERTSON	ALL OTHER	HEADHOUSE	CULBERTSON HH GOV OWNED 09	1996	1200	\$15,353.13	\$740.26	\$16,093.39
5436008016	MONTANA	SIDNEY	LABORATORIES	LABORATORY	OFFICE BUILDING-MODULAR	1998	550	\$720.37	\$0.00	\$720.37
5436008017	MONTANA	SIDNEY	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB COMPLEX (YR. 2002)	2002	21500	\$918.10	\$563.45	\$1,281.55
5436008018	MONTANA	SIDNEY	ALL OTHER	GREENHOUSE	GREENHOUSE, PLANT PATHOLOGY	2001	1080	\$0.00	\$0.00	\$0.00
5436008019	MONTANA	SIDNEY	LABORATORIES	LABORATORY	EQUIPMENT REPAIR SHOP	2006	5000	\$0.00	\$0.00	\$0.00
5436008022	MONTANA	SIDNEY	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY 1-24	1972	54306	\$1,154,655.00	\$334,045.08	\$1,488,700.08
5438008001	NEBRASKA	CLAY CENTER	LABORATORIES	LABORATORY	ANIMAL LAB 2-24	1972	19000	\$235,059.84	\$35,823.08	\$270,882.92
5438008002	NEBRASKA	CLAY CENTER	SERVICE	FEED MILL, SERVICE	FEED MILL COMPLEX 3-25	1972	20269	\$13,720.17	\$16,849.24	\$30,569.41
5438008003	NEBRASKA	CLAY CENTER	LABORATORIES	RESEARCH OFFICE/LABORATORY	FEED MILL SHED 1-25	1972	3175	\$202,184.83	\$15,919.82	\$218,104.65
5438008004	NEBRASKA	CLAY CENTER	LABORATORIES	RESEARCH OFFICE/LABORATORY	MEAT RESEARCH LAB 1-4	1980	3000	\$576,904.62	\$106,556.55	\$683,461.17
5438008017	NEBRASKA	CLAY CENTER	LABORATORIES	RESEARCH OFFICE/LABORATORY	AGRI ENGINEERING 18-74	1980	19628	\$384,129.00	\$109,204.20	\$493,333.20
5438008019	NEBRASKA	CLAY CENTER	LABORATORIES	OFFICE	ANML HEALTH SYS RES LAB 19-24	1991	25204	\$363,573.43	\$174,877.86	\$538,451.29
5438008020	NEBRASKA	CLAY CENTER	LABORATORIES	OFFICE	BLDG 20 (FORMER UNL ADMIN)	1977	12198	\$45,229.82	\$19,253.63	\$64,483.45
5438008031	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	LAMMING BARN 31-25	1972	11120	\$2,389.66	\$4,534.90	\$6,924.56
5438008032	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP BARN 32-25	1971	6912	\$2,666.40	\$4,534.90	\$7,201.30
5438008033	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP BARN 33-25	1971	7680	\$2,666.40	\$4,534.90	\$7,201.30
5438008034	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP BARN 34-25	1971	7680	\$2,666.40	\$4,534.90	\$7,201.30
5438008035	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP BARN 35-25	1971	7680	\$2,666.40	\$4,534.90	\$7,201.30
5438008036	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ALL-WEATHER LAMMING FAC 36-25	1976	30000	\$25,239.90	\$4,534.90	\$29,774.80
5438008037	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP SERVICE COMPLEX 37-25	1977	15600	\$13,686.53	\$22,794.96	\$36,481.49
5438008038	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP SERVICE COMPLEX 38-25	1977	15600	\$8,095.15	\$13,686.53	\$21,781.68
5438008040	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BEEF HEADHOUSE 40-25	1972	2962	\$90,038.16	\$1,418.16	\$91,456.32
5438008041	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BULL BARN 41-25	1972	9600	\$0.00	\$4,534.90	\$4,534.90
5438008042	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE INDIV FEED BARN 42-25	1971	9600	\$2,623.98	\$0.00	\$2,623.98
5438008043	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE GROUP FEED BARN 43-25	1971	15360	\$2,623.98	\$10,311.29	\$12,935.27
5438008044	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BEEF BARN, INDIVL FEED 44-25	1972	12000	\$2,037.17	\$8,882.95	\$10,920.12
5438008045	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BEEF BARN, GROUP FEED 45-25	1972	16000	\$2,623.98	\$10,311.29	\$12,935.27
5438008046	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BEEF BARN, INDIVL FEED 46-25	1972	12000	\$2,037.17	\$8,882.95	\$10,920.12
5438008047	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BEEF BARN, GROUP FEED 47-25	1972	16000	\$2,623.98	\$10,311.29	\$12,935.27
5438008048	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BEEF BARN, INDIVL FEED 48-25	1972	12000	\$2,037.17	\$8,882.95	\$10,920.12
5438008049	NEBRASKA	CLAY CENTER	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BEEF BARN, GROUP HANDLING 49-25	1972	16000	\$2,623.98	\$10,311.29	\$12,935.27
5438008050	NEBRASKA	CLAY CENTER	WAREHOUSES	SHED, STORAGE	TRACTOR SHED 50-24	1973	2887	\$5,413.92	\$0.00	\$5,413.92

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Ownership			DM Total
								DM Critical	DM Non-Critical		
									DM Critical	DM Non-Critical	
5438000051	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSE	WAREHOUSE 51-24	1974	12458	56516.76	\$3,080.63	\$3,117.33	\$3,177.33
5438000052	NEBRASKA	CLAY CENTER	WAREHOUSES	STORAGE WAREHOUSE	FIRE STATION	1973	1609	\$115,913.09	\$93,913.29	\$139,826.38	\$93,913.29
5438000053	NEBRASKA	CLAY CENTER	SERVICE	SHOP	HEAVY EQUIP/HAY SHOP 53-25	1973	10538	\$70,486.43	\$23,741.34	\$94,226.76	\$94,226.76
5438000054	NEBRASKA	CLAY CENTER	SERVICE	SHOP	MAINTENANCE SHOP 54-25	1974	5645	\$77,685.13	\$12,693.68	\$12,693.68	\$12,693.68
5438000055	NEBRASKA	CLAY CENTER	SERVICE	FEED MILL, SERVICE	5/AGE MIX DISTRIB 55-25	1980	7200	\$50,492.87	\$21,603.77	\$72,096.64	\$72,096.64
5438000056	NEBRASKA	CLAY CENTER	SERVICE	FEED MILL, SERVICE	PAINT SHOP 57-25	1980	3000	\$13,625.91	\$0	\$13,625.91	\$13,625.91
5438000058	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	NECKPOST FACILITY 58-25	1981	1650	\$3,271.45	\$8,952.64	\$54,1924.09	\$54,1924.09
5438000059	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	CHEMICAL STORAGE BLDG 59-24	1981	2132	\$2,533.35	\$2,433.31	\$2,433.31	\$2,433.31
5438000060	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE BREEDING 60-25	1973	10752	\$20,056.77	\$2,856.09	\$2,856.09	\$2,856.09
5438000061	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE BREEDING 60-25	1973	8536	\$12,562.65	\$2,487.10	\$2,487.10	\$2,487.10
5438000062	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE BREEDING 60-25	1973	8536	\$12,562.65	\$2,487.10	\$2,487.10	\$2,487.10
5438000063	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FEEDSHEDING 63-25	1973	1860	\$19,577.98	\$2,145.74	\$2,145.74	\$2,145.74
5438000064	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FEEDSHEDING BARN 64-25	1972	2200	\$5,289.98	\$12,016.98	\$12,016.98	\$12,016.98
5438000065	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING BLDG 65-25	1973	3904	\$15,248.98	\$17,725.50	\$32,974.48	\$32,974.48
5438000066	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING BLDG 66-25	1973	3904	\$1,037.03	\$1,037.03	\$54,319.37	\$54,319.37
5438000067	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING BLDG 66-25	1973	4880	\$33,578.98	\$10,973.46	\$40,552.43	\$40,552.43
5438000068	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE BUILDING 68-25	1980	3960	\$18,339.04	\$3,423.14	\$17,962.37	\$17,962.37
5438000069	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING BLDG 70-25	1975	3960	\$18,339.04	\$3,423.14	\$17,962.37	\$17,962.37
5438000070	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING BLDG 70-25	1975	3960	\$18,339.04	\$3,423.14	\$17,962.37	\$17,962.37
5438000071	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING BLDG 71-25	1981	4000	\$19,269.59	\$0	\$19,269.59	\$19,269.59
5438000072	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING FAC 72-25	1981	1900	\$12,892.25	\$2,242.20	\$15,134.85	\$15,134.85
5438000073	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SHOWER FACILITY 74(63-W) 25	1981	1900	\$12,892.25	\$2,242.20	\$15,134.85	\$15,134.85
5438000074	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING 75-86	1967	10168	\$60,352.81	\$0	\$60,352.81	\$60,352.81
5438000075	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING BLDG 76-25	1992	7360	\$3,141.10	\$0	\$3,141.10	\$3,141.10
5438000076	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING BLDG 76-25	1992	5668	\$24,560.17	\$0	\$24,560.17	\$24,560.17
5438000077	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE NURSERY BLDG 77-25 (77A)	1992	6580	\$36,203.05	\$0	\$36,203.05	\$36,203.05
5438000078	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FARMING BLDG 78-25 78B	1992	6020	\$33,121.94	\$0	\$33,121.94	\$33,121.94
5438000079	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FARMING BLDG 79-25 79	1992	896	\$5,996.37	\$1,121.10	\$1,121.10	\$1,121.10
5438000080	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FARMING BLDG 79-25 79	1967	12000	\$24,529.12	\$26,529.12	\$118,041.73	\$118,041.73
5438000081	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	TRANSFER DEPOSIT 98	1975	1000	\$104,312.61	\$36,529.12	\$140,841.73	\$140,841.73
5438000082	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	SWINE FINISHING 116-18	2005	12000	\$104,312.61	\$36,529.12	\$140,841.73	\$140,841.73
5438000083	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 116-18	2005	12000	\$104,312.61	\$36,529.12	\$140,841.73	\$140,841.73
5438000084	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 117-73	1969	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000085	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 117-73	1969	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000086	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 131-15	1969	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000087	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 131-15	1969	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000088	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 134-27	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000089	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000090	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000091	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000092	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000093	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000094	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000095	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000096	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000097	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000098	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000099	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000100	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000101	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000102	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000103	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000104	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000105	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000106	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000107	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000108	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000109	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000110	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000111	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000112	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000113	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000114	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000115	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000116	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000117	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000118	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000119	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000120	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000121	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000122	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000123	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000124	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000125	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000126	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000127	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000128	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000129	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000130	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000131	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000132	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000133	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000134	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000135	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000136	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1971	9600	\$100,599.03	\$4,534.90	\$105,133.93	\$105,133.93
5438000137	NEBRASKA	CLAY CENTER	WAREHOUSES	WAREHOUSES	POLE SHED 140-67	1					

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Dollars Millions			
							Gross SqFt	DM Critical	DM Non-Critical	DM Total
543008998	NEBRASKA	CLAY CENTER	WAREHOUSES	STORAGE WAREHOUSE	INERT STORAGE 74.86	1967	10168	\$80,352.81	\$0.00	\$80,352.81
543008999	NEBRASKA	CLAY CENTER	WAREHOUSES	STORAGE WAREHOUSE	INERT STORAGE 73.86	1967	10184	\$80,352.81	\$0.00	\$80,352.81
5430081000	NEBRASKA	CLAY CENTER	LABORATORIES	POCK PER RESEARCH BUILDING	POCK PER RESEARCH BUILDING	1984	9892	\$297,995	\$0.00	\$297,995
544008001	NEBRASKA	LINCOLN	LABORATORIES	LABORATORY	FORAGE RESEARCH EAST GRNHS 1	1958	2495	\$35,389.74	\$14,024.14	\$49,413.88
544008002	NEBRASKA	LINCOLN	ALL OTHER	GREENHOUSE	FORAGE RESEARCH WEST GRNHS 2	1958	2495	\$35,389.74	\$14,024.14	\$49,413.88
544008004	NEBRASKA	LINCOLN	ALL OTHER	GREENHOUSE	FORAGE RESEARCH WEST GRNHS 4	1958	2495	\$35,389.74	\$14,024.14	\$49,413.88
544008007	NEBRASKA	ITHACA	WAREHOUSES	STORAGE BUILDING	METAL STRG BD-WHEAT INSECT RES	1993	2400	\$30,28	\$70,842.19	\$71,241.93
544008010	NEBRASKA	ITHACA	WAREHOUSES	STORAGE WAREHOUSE	MTL STRG BD-WHEAT SONG & FORAG	2002	8500	\$0.00	\$0.00	\$0.00
544008017	NEBRASKA	LINCOLN	LABORATORIES	RESEARCH OFFICE/LABORATORY	SORGHUM PHYSIOLOGY WAREHOUSE	1984	3456	\$0.00	\$0.00	\$0.00
544208001	NORTH DAKOTA	FARGO	SERVICE	SHOP	OFFICE/LAB 001-BIOSCIENCES LAB	1964	78120	\$1,053,319.68	\$702,335.88	\$1,755,655.56
544208002	NORTH DAKOTA	FARGO	ALL OTHER	ANIMAL FACILITY	SHOP/OFFICE/GARAGE	1964	5080	\$933,912.66	\$25,447.96	\$959,360.62
544208003	NORTH DAKOTA	FARGO	WAREHOUSES	CHEMICAL STORAGE	ANIMAL HUSBANDRY 003	1964	14206	\$265,439.16	\$45,534.96	\$310,974.12
544208004	NORTH DAKOTA	FARGO	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE 004	1964	481	\$1,961.28	\$0.00	\$1,961.28
544208005	NORTH DAKOTA	FARGO	LABORATORIES	RESEARCH OFFICE/LABORATORY	SUPPORT/LAB ORDIN(INSECT, ANIMAL)	1979	8300	\$125,829.72	\$19,170.00	\$144,999.72
544208007	NORTH DAKOTA	FARGO	LABORATORIES	RESEARCH OFFICE/LABORATORY	INSECT 006	1979	8185	\$150,437.52	\$35,134.56	\$185,572.08
544208008	NORTH DAKOTA	FARGO	LABORATORIES	RESEARCH OFFICE/LABORATORY	GENERAL STORAGE SHED 007	1979	1600	\$4,135.86	\$0.00	\$4,135.86
544208009	NORTH DAKOTA	FARGO	LABORATORIES	RESEARCH OFFICE/LABORATORY	SHED 008	1979	480	\$1,767,618.85	\$240,059.70	\$2,007,678.55
544208011	NORTH DAKOTA	FARGO	WAREHOUSES	SHED STORAGE	SUNFLOWER STORAGE SHED	1993	2104	\$21,000	\$0.00	\$21,000
544208012	NORTH DAKOTA	FARGO	ALL OTHER	GREENHOUSE	GREENHOUSE GARDEN LAB	2002	882	\$0.00	\$0.00	\$0.00
544208013	NORTH DAKOTA	FARGO	ALL OTHER	GREENHOUSE	GREENHOUSE SUNFLOWER BIOSCI	2002	2880	\$0.00	\$0.00	\$0.00
544208014	NORTH DAKOTA	FARGO	ALL OTHER	GREENHOUSE	GREENHOUSE CEREAL BIOSCIENCE	2004	882	\$0.00	\$0.00	\$0.00
544208033	NORTH DAKOTA	FARGO	ALL OTHER	GREENHOUSE	NCL GREENHOUSE COMPLEX	1981	54957	\$790,550.23	\$10,624.19	\$801,174.42
544208999	NORTH DAKOTA	FARGO	WAREHOUSES	STORAGE BUILDING	SUGARBEEF STORAGE BARN	1983	2400	\$1,191.51	\$0.00	\$1,191.51
5442308001	MINNESOTA	EAST GRAND FORKS	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY 1	1966	11988	\$510,303.81	\$111,668.39	\$621,972.21
544230803	MINNESOTA	EAST GRAND FORKS	WAREHOUSES	STORAGE WAREHOUSE	CONTROL RM WAREHOUSE ON LEASO LD	1989	4302	\$7,803.01	\$25,244.45	\$33,047.47
544508001	NORTH DAKOTA	MANDAN	LABORATORIES	LABORATORY	MAIN LAB & ADMIN OFFICE 1	1968	13200	\$554,130.62	\$121,258.90	\$675,389.52
544508002	NORTH DAKOTA	MANDAN	LABORATORIES	OFFICE BUILDING	FORAGE/RANGE PLANT BREED OFF 2	1914	2400	\$16,960.87	\$182,841.33	\$199,802.21
544508003	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	FIELD RES EQUIP STOR/DVEN 9	1914	3460	\$29,115.05	\$40,054.05	\$69,169.10
544508004	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	BUD/GENOS MAINT	1914	1240	\$17,146.4	\$4,656.96	\$21,803.36
544508005	NORTH DAKOTA	MANDAN	ALL OTHER	GREENHOUSE	GREENHOUSE & FIELD STORAGE 5	1950	1560	\$174.63	\$46,685.96	\$46,860.59
544508006	NORTH DAKOTA	MANDAN	ALL OTHER	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE 6	1977	12160	\$95,389.20	\$9,395.69	\$104,784.89
544508007	NORTH DAKOTA	MANDAN	LABORATORIES	LABORATORY	SHOP/PLANT PROCESSING 7	1975	1536	\$15,531.20	\$77,997.93	\$93,531.13
544508008	NORTH DAKOTA	MANDAN	LABORATORIES	LABORATORY	PLANT DRYING & PROCESSING LAB 8	1975	3072	\$6,415.27	\$47,858.24	\$54,273.51
544508009	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	FIELD RES EQUIP STOR/DVEN 9	1934	3104	\$47,297.23	\$247,623.39	\$294,920.61
544508010	NORTH DAKOTA	MANDAN	ALL OTHER	STORAGE BUILDING	FORAGE PROCESSING CENTER	1916	3000	\$25,138.72	\$19,304.64	\$44,443.36
544508011	NORTH DAKOTA	MANDAN	SERVICE	SHOP	CARPENTER SHOP 11	1921	1485	\$5,171.67	\$8,694.63	\$13,866.30
544508012	NORTH DAKOTA	MANDAN	SERVICE	SHOP	EQUIPMENT REPAIR SHOP 12	1939	2520	\$28,863.67	\$44,600.77	\$73,464.43
544508013	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	STORAGE	1914	2274	\$1,960.49	\$41,247.62	\$43,208.11
544508014	NORTH DAKOTA	MANDAN	WAREHOUSES	GARAGE	GARAGE (BUILDING 5) 14	1970	360	\$3,406.38	\$0.00	\$3,406.38
544508015	NORTH DAKOTA	MANDAN	OFFICE	OFFICE BUILDING	OFFICE BUILDING(C) 14	1914	4968	\$30,688.79	\$332,407.23	\$363,096.02
544508016	NORTH DAKOTA	MANDAN	OFFICE	OFFICE BUILDING	SAFETY SHOWERS/INSECT ROOMS 17	1980	280	\$58,947.13	\$123,718.14	\$182,665.27
544508017	NORTH DAKOTA	MANDAN	ALL OTHER	BEST ROOM (SEPARATE BUILDING)	SAFETY SHOWERS/INSECT ROOMS 17	1980	280	\$27,764.03	\$7,431.92	\$35,195.95
544508018	NORTH DAKOTA	MANDAN	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE	1997	560	\$0.00	\$0.00	\$0.00
544508019	NORTH DAKOTA	MANDAN	ALL OTHER	ANEX/CONFERENCE ROOM/LAB	ANEX/CONFERENCE ROOM/LAB	1980	5000	\$109,774.97	\$29,806.87	\$139,581.85
544508020	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	HAY BARN/SHED 1F	1928	1680	\$6,570.42	\$9,330.80	\$15,901.22
544508021	NORTH DAKOTA	MANDAN	WAREHOUSES	BARN, STORAGE	HAY BARN/SHED 1F	1993	480	\$0.00	\$0.00	\$0.00
544508022	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	HISTORICAL SAMPLE STORAGE 24	1938	3960	\$40,867.30	\$27,586.37	\$68,453.67
544508023	NORTH DAKOTA	MANDAN	WAREHOUSES	ALL OTHER	UNDERGROUND STORAGE 25	1938	660	\$0.00	\$16,631.98	\$16,631.98
544508024	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	SOIL PROCESSING/STORAGE 28	1914	5190	\$615.06	\$72,709.28	\$73,324.36
544508025	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	UNDERGROUND STORAGE 28	1918	2400	\$23,051.03	\$199,032.06	\$222,083.09
544508026	NORTH DAKOTA	MANDAN	ALL OTHER	BARN, STORAGE	BARN STORAGE 2F	1928	1440	\$15,953.61	\$34,358.73	\$50,312.34
544508027	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	QUONSET STORAGE 30	1966	4200	\$99,878.37	\$0.00	\$99,878.37

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sqft	Decrease Maintenance		
								DM Critical	DM Non-Critical	DM Total
5445008031	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	QUONSET STORAGE 31	1974	4000	\$206.28	\$1,017.23	\$1,223.52
5445008032	NORTH DAKOTA	MANDAN	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE RESEARCH BARN	2003	3328	\$0.00	\$0.00	\$0.00
5445008033	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	BLK 8 GAS STORAGE 3F	1949	80	\$772.17	\$6,828.73	\$7,600.90
5445008034	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING	1985	1385	\$13.57	\$1,089.30	\$1,102.87
5445008035	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	NORTH STORAGE 12A	1921	100	\$87.92	\$2,881.30	\$2,969.22
5445008036	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	SOUTH STORAGE 12B	1921	100	\$87.92	\$2,881.30	\$2,969.22
5445008037	NORTH DAKOTA	MANDAN	WAREHOUSES	CHEMICAL STORAGE	OIL STORAGE 12C	1921	484	\$4,671.62	\$41,313.82	\$45,985.44
5445008038	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	SURVEY EQUIPMENT STORAGE 15A	1916	416	\$365.76	\$11,986.20	\$12,351.96
5445008039	NORTH DAKOTA	MANDAN	ALL OTHER	FIRE STATION, RELATED BUILDINGS	FIRE HOUSE 27A	1948	48	\$533.88	\$333.77	\$867.65
5445008040	NORTH DAKOTA	MANDAN	WAREHOUSES	STORAGE BUILDING	SOIL STORAGE	1937	1350	\$5,314.53	\$0.00	\$5,314.53
5445008041	NORTH DAKOTA	MANDAN	WAREHOUSES	CHEMICAL STORAGE	OIL & GAS STORAGE 7FC	1960	12	\$113.83	\$1,024.31	\$1,140.13
5445008042	NORTH DAKOTA	MANDAN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB 001	1962	51800	\$740,881.20	\$416,354.16	\$1,157,245.37
5447008001	SOUTH DAKOTA	BROOKINGS	SERVICE	SHOP	SHOP BUILDING 02	1962	4800	\$58,395.72	\$8,887.71	\$67,083.43
5447008002	SOUTH DAKOTA	BROOKINGS	WAREHOUSES	STORAGE BUILDING	SEEDHOUSE 003	1965	1600	\$13,872.63	\$2,894.54	\$16,767.17
5447008003	SOUTH DAKOTA	BROOKINGS	ALL OTHER	HEADHOUSE	HEADHOUSE 004	1962	9520	\$123,448.66	\$640,864.03	\$764,312.69
5447008004	SOUTH DAKOTA	BROOKINGS	ALL OTHER	FEED DRINKING FACILITY 006	FEED DRINKING FACILITY 006	1986	1200	\$4,731.83	\$832.84	\$5,564.67
5447008005	SOUTH DAKOTA	BROOKINGS	WAREHOUSES	STORAGE BUILDING	SOIL STORAGE 007	1986	1200	\$10,915.32	\$16,333.53	\$27,248.85
5447008006	SOUTH DAKOTA	BROOKINGS	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING 009	1967	3056	\$76,977.33	\$0.00	\$76,977.33
5447008007	SOUTH DAKOTA	BROOKINGS	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE BUILDING 011	1985	784	\$5,921.44	\$0.00	\$5,921.44
5447008008	SOUTH DAKOTA	BROOKINGS	WAREHOUSES	STORAGE BUILDING	SOIL STORAGE BUILDING 012	1986	1560	\$15,749.24	\$1,745.08	\$17,494.33
5447008009	SOUTH DAKOTA	BROOKINGS	WAREHOUSES	GARAGE	VEHICLE STORAGE	2004	5460	\$0.00	\$0.00	\$0.00
5447008010	SOUTH DAKOTA	BROOKINGS	WAREHOUSES	LABORATORY	LABS/OFFICES 001	1969	79806	\$1,146,744.41	\$697,041.97	\$1,843,786.38
5450008001	NORTH DAKOTA	GRAND FORKS	LABORATORIES	STORAGE BUILDING	RESIDENCE (LOT 10) STORAGE 02	1928	1281	\$5,452.85	\$7,743.71	\$13,196.56
5450008002	NORTH DAKOTA	GRAND FORKS	WAREHOUSES	STORAGE BUILDING	GREENHOUSE ON UND BIOLOGY BLD.	1986	496	\$967.57	\$19,890.81	\$20,858.39
5450008003	NORTH DAKOTA	GRAND FORKS	ALL OTHER	GREENHOUSE	BUILDING 8 (S)	2005	3750	\$0.00	\$0.00	\$0.00
6202208991	TEXAS	SOMERVILLE	WAREHOUSES	STORAGE BUILDING	MAIN PECAN BUILDING (S)	2003	4000	\$45,010.24	\$25,835.88	\$70,846.11
6202308001	TEXAS	COLLEGE STATION	LABORATORIES	RESEARCH OFFICE/LABORATORY	BLDG 1 LAB/OFFICE	1969	47434	\$1,616,985.24	\$935,372.46	\$2,552,357.70
6202308002	TEXAS	COLLEGE STATION	LABORATORIES	RESEARCH OFFICE/LABORATORY	BLDG 2 LAB/OFFICE	1972	1000	\$8,365.22	\$85,365.22	\$93,730.44
6202308003	TEXAS	COLLEGE STATION	LABORATORIES	RESEARCH OFFICE/LABORATORY	BLDG 3 LAB/OFFICE	1972	2485	\$14,187.93	\$61,400.40	\$75,588.33
6202308004	TEXAS	COLLEGE STATION	WAREHOUSES	STORAGE BUILDING	BLDG 4 CHEMICAL STORAGE	1972	1040	\$8,308.17	\$6,037.74	\$14,345.91
6202308005	TEXAS	COLLEGE STATION	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BLDG 5 ANIMAL REARING	1967	10800	\$353,669.46	\$134,433.25	\$487,932.71
6202308006	TEXAS	COLLEGE STATION	OFFICE	OFFICE	BLDG 6 WAREHOUSE	1972	4522	\$127,232.73	\$43,967.94	\$171,200.67
6202308007	TEXAS	COLLEGE STATION	LABORATORIES	RESEARCH OFFICE/LABORATORY	BLDG 7 OFFICE	1972	3838	\$127,959.12	\$61,548.00	\$189,507.12
6202308008	TEXAS	COLLEGE STATION	LABORATORIES	LABORATORY	BLDG 8 LAB/OFFICE	1972	2698	\$151,579.32	\$44,874.84	\$196,454.16
6202308009	TEXAS	COLLEGE STATION	WAREHOUSES	SHED, STORAGE	BLDG 9 NECROP'SY	1972	4836	\$58,556.96	\$144,752.96	\$203,309.92
6202308010	TEXAS	COLLEGE STATION	LABORATORIES	LABORATORY	SHED A	1999	128	\$0.00	\$0.00	\$0.00
6202308011	TEXAS	COLLEGE STATION	SERVICE	SHOP	BLDG 10 LAB/OFFICE	1972	7450	\$383,628.67	\$46,987.80	\$430,616.47
6202308012	TEXAS	COLLEGE STATION	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BLDG 15 MAINTENANCE SHOP	1972	2784	\$81,994.08	\$1,288.52	\$83,282.60
6202308013	TEXAS	COLLEGE STATION	LABORATORIES	RESEARCH OFFICE/LABORATORY	BLDG 17 ANIMAL REARING	1973	2880	\$167,126.19	\$1,294.44	\$168,420.63
6202308014	TEXAS	COLLEGE STATION	LABORATORIES	RESEARCH OFFICE/LABORATORY	BLDG 18 LAB/OFFICE	1973	2400	\$72,759.55	\$40,955.15	\$113,714.70
6202308015	TEXAS	COLLEGE STATION	WAREHOUSES	STORAGE BUILDING	BLDG 19 ANIMAL REARING	1973	2400	\$144,054.29	\$49,182.36	\$193,236.65
6202308016	TEXAS	COLLEGE STATION	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BLDG 20 ANIMAL REARING	1973	5120	\$144,054.29	\$49,182.36	\$193,236.65
6202308017	TEXAS	COLLEGE STATION	OFFICE	OFFICE	BLDG 21 ANIMAL REARING	1973	2240	\$22,166.53	\$22,166.53	\$44,333.06
6202308018	TEXAS	COLLEGE STATION	OFFICE	OFFICE	BLDG 22 OFFICE	1975	2448	\$32,516.25	\$9,100.30	\$41,616.55
6202308019	TEXAS	COLLEGE STATION	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BLDG 23 ANIMAL SHED	1995	1200	\$0.00	\$0.00	\$0.00
6202308020	TEXAS	COLLEGE STATION	ALL OTHER	ANIMAL FACILITY, ALL OTHER	BLDG 24 ANIMAL SHED	1995	800	\$0.00	\$0.00	\$0.00
6202308021	TEXAS	COLLEGE STATION	WAREHOUSES	STORAGE BUILDING	BLDG 25 IMPLEMENT STORAGE	2003	2500	\$0.00	\$0.00	\$0.00
6202308022	TEXAS	COLLEGE STATION	WAREHOUSES	ALL OTHER	BLDG 41 FEED MIXING	1977	1616	\$898.29	\$0.00	\$898.29
6202308041	TEXAS	COLLEGE STATION	SERVICE	SHOP	BLDG 42 MAINTENANCE STORAGE	1977	2940	\$20,335.86	\$759.78	\$21,095.64
6202308042	TEXAS	COLLEGE STATION	WAREHOUSES	STORAGE BUILDING	BLDG 44 LOADING DOCK	1999	400	\$0.00	\$0.00	\$0.00
6202308056	TEXAS	COLLEGE STATION	ALL OTHER	GREENHOUSE	BLDG 56 GREENHOUSE	1988	3244	\$42,144.25	\$1,096.20	\$43,240.45
6202308057	TEXAS	COLLEGE STATION	ALL OTHER	GREENHOUSE	BLDG 57 GREENHOUSE	1988	3244	\$42,144.25	\$1,096.20	\$43,240.45

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Use	Subcategory	Name	Year Constructed	Gross SqFt	Estimated Maintenance		
								DM Critical	DM Non-Critical	DM Total
6202308058	TEXAS	COLLEGE STATION	LABORATORY		BUD 58 LAB	1991	512	\$15.64	\$744.12	\$779.76
6202308059	TEXAS	COLLEGE STATION	GREENHOUSE		BUD 59 GREENHOUSE	1991	3244	\$37,302.70	\$0.00	\$37,302.70
6202308060	TEXAS	COLLEGE STATION	LABORATORY		BUD 60 GREENHOUSE	1991	3244	\$37,302.70	\$0.00	\$37,302.70
6202308061	TEXAS	COLLEGE STATION	LABORATORY		BUD 61 GREENHOUSE	1991	3244	\$37,302.70	\$0.00	\$37,302.70
6202308062	TEXAS	COLLEGE STATION	LABORATORY		BUD 62 GREENHOUSE	2002	2400	\$0.00	\$0.00	\$0.00
6202408011	TEXAS	COLLEGE STATION	RESEARCH OFFICE/LABORATORY		BUD 11 LAB/OFFICE	1972	13483	\$377,165.30	\$184,886.75	\$562,052.05
6202408012	TEXAS	COLLEGE STATION	LABORATORIES		BUD 12 HEADHOUSE	1972	3588	\$157,191.60	\$22,058.85	\$179,250.45
6202408013	TEXAS	COLLEGE STATION	ALL OTHER		BUD 13 GREENHOUSE	1972	2544	\$40,631.90	\$2,193.85	\$42,825.75
6202408014	TEXAS	COLLEGE STATION	ALL OTHER		BUD 14 GREENHOUSE	1972	2544	\$40,631.90	\$2,193.85	\$42,825.75
6202408015	TEXAS	COLLEGE STATION	ALL OTHER		BUD 15 GREENHOUSE	1973	2544	\$40,631.90	\$1,086.20	\$41,728.10
6202408028	TEXAS	COLLEGE STATION	ALL OTHER		BUD 28 GREENHOUSE	1970	2784	\$59,289.05	\$254,038.55	\$313,327.60
6202408033	TEXAS	COLLEGE STATION	ALL OTHER		BUD 33 GREENHOUSE	1986	1950	\$15,127.85	\$1,086.20	\$16,224.05
6202408034	TEXAS	COLLEGE STATION	ALL OTHER		BUD 34 GREENHOUSE	1987	6600	\$58,804.75	\$6,542.40	\$65,347.15
6202408040	TEXAS	COLLEGE STATION	STORAGE BUILDING		BUD 40 IMPLEMENT STORAGE	2003	2400	\$0.00	\$0.00	\$0.00
6202408043	TEXAS	COLLEGE STATION	OFFICE		BUD 43 OFFICE	1977	1100	\$7,843.52	\$3,246.10	\$11,089.62
6202408044	TEXAS	COLLEGE STATION	STORAGE BUILDING		BUD 46 STORAGE (MOBILE)	1981	480	\$13.60	\$0.00	\$13.60
6202408048	TEXAS	COLLEGE STATION	ALL OTHER		BUD 50 OFFICE (RS)	1986	1456	\$7,360.08	\$152,246.44	\$159,606.52
6202408050	TEXAS	BRYAN	SHOP		BUD 51 SHOP (RS)	1974	5000	\$34,487.33	\$4,132.94	\$46,638.30
6202408051	TEXAS	BRYAN	SERVICE		BUD 52 HANGAR (RS)	1987	3000	\$30,460.53	\$3,375.15	\$33,835.69
6202408052	TEXAS	BRYAN	AVIATION		BUD 53 HANGAR (RS)	1987	3000	\$30,460.53	\$3,375.15	\$33,835.69
6202408053	TEXAS	BRYAN	SERVICE		BUD 54 HANGAR (RS)	1987	3000	\$30,460.53	\$3,375.15	\$33,835.69
6202408054	TEXAS	BRYAN	AVIATION		BUD 55 HANGAR (RS)	1987	3000	\$30,460.53	\$3,375.15	\$33,835.69
6203008031	TEXAS	BEAUMONT	STORAGE BUILDING		EQUIPMENT STORAGE	2006	3000	\$0.00	\$0.00	\$0.00
6203008081	TEXAS	BEAUMONT	LABORATORY		RICE BREEDING LABORATORY 1	1968	2795	\$72,512.45	\$0.00	\$72,512.45
6203008083	TEXAS	BEAUMONT	SHOP		BREEDING SHOP	1969	1000	\$33,287.05	\$5,529.08	\$38,816.13
6204008200	TEXAS	WESLACO	LABORATORY		CRDP QUALITY & FRUIT INSECTS	2000	23863	\$24,757.00	\$4,701.00	\$29,458.00
6204008211	TEXAS	WESLACO	LABORATORY		INTEGRATED FARMING	1960	19355	\$50,997.00	\$93,606.00	\$144,603.00
6204008212	TEXAS	WESLACO	LABORATORY		REMOTE SENSING	1970	2380	\$27,508.00	\$5,688.00	\$33,116.00
6204008213	TEXAS	WESLACO	LABORATORY		INSECT RESEARCH	1960	19355	\$50,997.00	\$93,606.00	\$144,603.00
6204008214	TEXAS	WESLACO	LABORATORY		BENEFICIAL INSECTS 204	1969	3122	\$53,838.00	\$1,010.00	\$54,848.00
6204008205	TEXAS	WESLACO	LABORATORY		BENEFICIAL INSECTS 204	1969	2234	\$21,475.00	\$14,479.00	\$35,954.00
6204008206	TEXAS	WESLACO	LABORATORY		INTEGRATED FARMING 205	1969	1760	\$38,658.00	\$0,174.00	\$38,832.00
6204008208	TEXAS	WESLACO	HEADHOUSE		HEADHOUSE (208)	2002	2340	\$7,390.00	\$0.00	\$7,390.00
6204008209	TEXAS	WESLACO	GREENHOUSE		GREENHOUSE (209)	2002	2340	\$7,390.00	\$0.00	\$7,390.00
6204008210	TEXAS	WESLACO	GREENHOUSE		GREENHOUSE (210)	2002	2418	\$0.00	\$0.00	\$0.00
6204008213	TEXAS	WESLACO	LABORATORIES		HONEY BEE RESEARCH LAB (213)	1994	21800	\$252,881.00	\$30,068.00	\$282,949.00
6204008221	TEXAS	WESLACO	LABORATORIES		INTEGRATED FARMING 221	1973	3360	\$39,579.00	\$33,339.00	\$72,918.00
6204008222	TEXAS	WESLACO	GREENHOUSE		GREENHOUSE (222)	1973	1650	\$5,895.00	\$128,342.00	\$134,237.00
6204008223	TEXAS	WESLACO	GREENHOUSE		GREENHOUSE (223)	1980	1250	\$10,846.00	\$0.00	\$10,846.00
6204008224	TEXAS	WESLACO	STORAGE BUILDING		IMPLEMENT EQUIPMENT SHELTER	1979	3400	\$2,083.00	\$0.00	\$2,083.00
6204008225	TEXAS	WESLACO	SHOP		SHOP (301)	1958	1200	\$17,010.00	\$0.00	\$17,010.00
6204008301	TEXAS	WESLACO	LABORATORY		LABORATORY	1960	1000	\$4,135.00	\$17,350.00	\$21,485.00
6204008302	TEXAS	WESLACO	LABORATORY		FARM EQUIPMENTS	1960	1000	\$4,135.00	\$17,350.00	\$21,485.00
6204008303	TEXAS	WESLACO	LABORATORY		FARM STORAGE	1960	1000	\$4,135.00	\$17,350.00	\$21,485.00
6204008304	TEXAS	WESLACO	LABORATORY		FIELD LAB	1958	1930	\$34,940.00	\$12,009.00	\$46,949.00
6204008305	TEXAS	WESLACO	LABORATORIES		FIELD LAB	1963	1467	\$30,160.00	\$11,177.00	\$41,337.00
6204008306	TEXAS	WESLACO	LABORATORIES		STORAGE (306)	1968	1000	\$17,965.00	\$0.00	\$17,965.00
6204008307	TEXAS	WESLACO	STORAGE BUILDING		IMPLEMENT STORAGE 307	1970	4000	\$17,965.00	\$19,665.00	\$37,630.00
6204008309	TEXAS	WESLACO	WAREHOUSES		GREENHOUSE (309)	1985	2500	\$19,328.00	\$12,890.00	\$32,218.00
6204008401	TEXAS	WESLACO	ALL OTHER		OFFICE	1980	2880	\$5,712.00	\$429.00	\$6,141.00
6204008403	TEXAS	WESLACO	OFFICE		OFFICE	1988	1500	\$6,894.00	\$43,108.00	\$50,002.00
6204008405	TEXAS	WESLACO	SHED, STORAGE		FIELD LAB 403	1982	240	\$2,371.00	\$0.00	\$2,371.00
6204008406	TEXAS	WESLACO	STORAGE BUILDING		FARM STORAGE 405	1980	800	\$1,930.00	\$0.00	\$1,930.00
6204008407	TEXAS	WESLACO	STORAGE BUILDING		STORAGE (406)	1980	726	\$1,324.00	\$27,218.00	\$28,542.00

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sqft	DM Critical	DM Non-Critical	DM Total
6205008008	TEXAS	WESLACO	ALL OTHER	GREENHOUSE	GREENHOUSE (408)	1980	726	\$1,324.00	\$23,978.00	\$25,302.00
6205008009	TEXAS	WESLACO	LABORATORIES	LABORATORY	FIELD LAB	1980	1875	\$13,894.00	\$3,360.00	\$17,254.00
6205008010	TEXAS	WESLACO	ALL OTHER	GREENHOUSE	GREENHOUSE (410)	1980	1000	\$17,932.00	\$3,140.00	\$21,072.00
6205008011	TEXAS	WESLACO	ALL OTHER	GREENHOUSE	GREENHOUSE (411)	1980	1000	\$12,746.00	\$3,140.00	\$15,886.00
6205008012	TEXAS	WESLACO	SERVICE	SHOP	FARM SHOP #1	1987	196	\$134.00	\$0.00	\$134.00
6205008013	TEXAS	WESLACO	WAREHOUSES	STORAGE BUILDING	FARM STORAGE	1987	196	\$134.00	\$0.00	\$134.00
6205008014	TEXAS	WESLACO	SERVICE	SHOP	MULTI-USE MAINTENANCE SHOP	1990	9000	\$35,082.00	\$45,847.00	\$81,029.00
6205008015	TEXAS	WESLACO	ALL OTHER	HEADHOUSE/GREENHOUSE	GREENHOUSE/HEADHOUSE (417)	1995	3600	\$5,547.00	\$0.00	\$5,547.00
6205008016	TEXAS	WESLACO	ALL OTHER	SCREENHOUSE	SHADEHOUSE BUILDING (418)	1995	8640	\$7,321.00	\$6,600.00	\$13,921.00
6205008017	TEXAS	WESLACO	ALL OTHER	GREENHOUSE	GREENHOUSE (211)	1998	1500	\$13,926.00	\$0.00	\$13,926.00
6205008018	TEXAS	WESLACO	ALL OTHER	GREENHOUSE	GREENHOUSE (212)	1998	1500	\$13,926.00	\$0.00	\$13,926.00
6205008019	TEXAS	KERRVILLE	OFFICE	OFFICE	LAB DIRECTOR BUILDING	1967	2400	\$27,488.00	\$7,181.43	\$34,669.43
6205008020	TEXAS	KERRVILLE	OFFICE	OFFICE	ADMINISTRATIVE BUILDING 2	1969	1680	\$75,720.45	\$18,727.39	\$94,447.84
6205008021	TEXAS	KERRVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	TICK REARING	1961	3200	\$47,571.36	\$8,134.94	\$55,706.29
6205008022	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	TICK PHYSIOLOGY	1961	1200	\$50,522.62	\$10,500.60	\$61,023.22
6205008023	TEXAS	KERRVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	TICK PHYSIOLOGY	1961	2060	\$47,271.41	\$8,440.48	\$55,711.89
6205008024	TEXAS	KERRVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	TICK PHYSIOLOGY	1961	2060	\$47,271.41	\$8,440.48	\$55,711.89
6205008025	TEXAS	KERRVILLE	SERVICE	SHOP	TICK RESEARCH SHOP/STORAGE	1961	2060	\$47,271.41	\$8,440.48	\$55,711.89
6205008026	TEXAS	KERRVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	TICK BITING FLY RESEARCH	1965	800	\$11,893.84	\$7,033.72	\$18,927.56
6205008027	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	BIOASSAY LAB	1968	960	\$40,418.10	\$57,046.18	\$97,464.28
6205008028	TEXAS	KERRVILLE	LABORATORIES	CHEMICAL STORAGE	CHEMICAL STORAGE	1965	640	\$6,487.11	\$57,369.28	\$63,856.39
6205008029	TEXAS	KERRVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE - RESEARCH EQUIP	1965	800	\$7,102.57	\$1,481.96	\$8,584.54
6205008030	TEXAS	KERRVILLE	WAREHOUSES	BARN, STORAGE	HAY BARN	1961	1092	\$9,718.99	\$0.00	\$9,718.99
6205008031	TEXAS	KERRVILLE	ALL OTHER	ALL OTHER	INCUBATOR/STORAGE 13	1965	800	\$4,924.88	\$40,061.68	\$44,986.56
6205008032	TEXAS	KERRVILLE	ALL OTHER	BARN	RESEARCH BARN 14	1965	4946	\$23,022.65	\$0.00	\$23,022.65
6205008033	TEXAS	KERRVILLE	ALL OTHER	BARN	SURGICAL BARN 15	1965	640	\$23,518.54	\$15,964.44	\$39,482.98
6205008034	TEXAS	KERRVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	FORMULATION BUILDING 16	1966	180	\$1,299.08	\$0.00	\$1,299.08
6205008035	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	FEED BARN 17	1966	1200	\$5,585.76	\$0.00	\$5,585.76
6205008036	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	FEED BARN 18	1966	1120	\$18,241.97	\$4,722.04	\$22,963.01
6205008037	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	WELDING SHELTER	1966	384	\$13,508.41	\$1,071.32	\$14,579.73
6205008038	TEXAS	KERRVILLE	SERVICE	SHOP	SPRAYING BARN 20	1966	360	\$5,645.63	\$1,461.32	\$7,106.95
6205008039	TEXAS	KERRVILLE	ALL OTHER	INSECT FACILITY	TICK RESEARCH 21	1969	768	\$12,509.46	\$9,237.97	\$21,747.44
6205008040	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	TICK REARING FACILITY 22	1962	3200	\$47,571.36	\$28,134.94	\$75,706.29
6205008041	TEXAS	KERRVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	BITING FLY REARING	1975	1133	\$5,720.91	\$1,067.86	\$6,788.76
6205008042	TEXAS	KERRVILLE	LABORATORIES	INSECT FACILITY	SCAB MITE RESEARCH LAB 26	1966	330	\$13,893.72	\$1,734.63	\$15,628.35
6205008043	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	RESEARCH LAB STORAGE 27	1966	640	\$3,939.90	\$3,049.34	\$6,989.25
6205008044	TEXAS	KERRVILLE	ALL OTHER	ALL OTHER	RESEARCH HISTORY BUILDING 28	1968	960	\$5,909.86	\$48,074.01	\$53,983.87
6205008045	TEXAS	KERRVILLE	WAREHOUSES	GARAGE	MEETING FACILITY 29	1968	8000	\$19,648.09	\$98,531.38	\$118,180.47
6205008046	TEXAS	KERRVILLE	WAREHOUSES	CHEMICAL STORAGE	STORAGE GARAGE 30	1969	192	\$1,946.13	\$17,210.78	\$19,156.92
6205008047	TEXAS	KERRVILLE	WAREHOUSES	STORAGE	CHEMICAL STORAGE 31	1959	1152	\$11,494.11	\$1,330.11	\$12,824.23
6205008048	TEXAS	KERRVILLE	WAREHOUSES	STORAGE	LABORATORY 32	1961	1152	\$8,440.48	\$8,440.48	\$16,880.96
6205008049	TEXAS	KERRVILLE	WAREHOUSES	LABORATORY	LABORATORY 33	1961	2160	\$25,062.71	\$37,781.43	\$62,844.14
6205008050	TEXAS	KERRVILLE	SERVICE	SHOP	AGRICULTURE ENGINEER SHOP 36	1962	3280	\$42,532.62	\$0.00	\$42,532.62
6205008051	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	TICK GENOMICS/PROTEOMICS	1962	2560	\$31,196.19	\$0.00	\$31,196.19
6205008052	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	TICK GENOMICS/PROTEOMICS	1962	2560	\$31,196.19	\$0.00	\$31,196.19
6205008053	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	CHEMISTRY/TICK PHYSIOLOGY	1967	672	\$28,293.67	\$3,532.33	\$31,826.00
6205008054	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	FORMULATIONS LAB 40	1978	264	\$2,005.62	\$0.00	\$2,005.62
6205008055	TEXAS	KERRVILLE	LABORATORIES	LABORATORY	SCAB MITE ISOLATION BLDG 46	1983	1035	\$337.39	\$0.00	\$337.39
6205008056	TEXAS	KERRVILLE	WAREHOUSES	SHED, STORAGE	HAY STORAGE SHED	1983	3200	\$68,454.45	\$13,716.27	\$82,170.72
6205008057	TEXAS	EDINBURG	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY 1	1983	520	\$23,731.73	\$6,848.07	\$30,579.80
6205008058	TEXAS	EDINBURG	LABORATORIES	LABORATORY	ALACRIDE LABORATORY 2	1983	900	\$3,594.47	\$0.00	\$3,594.47
6205008059	TEXAS	EDINBURG	LABORATORIES	STORAGE BUILDING	SHOP & HAY STORAGE 3	1983	2262	\$15,327.41	\$0.00	\$15,327.41
6205008060	TEXAS	EDINBURG	ALL OTHER	ANIMAL FACILITY, ALL OTHER	DIPPING VAT FACILITY 4	1983	2262	\$15,327.41	\$0.00	\$15,327.41

State name	Building ID	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Disaster Mitigancance		
								DM Critical	DM Non-Critical	DM Total
EDINBURG	620501540005	TEXAS	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL BARN 5	1983	3000	\$0	\$14,977.46	\$0.00
EDINBURG	620501540006	TEXAS	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	ANIMAL BARN 6	1983	3600	\$0	\$17,977.95	\$0.00
EDINBURG	620501540008	TEXAS	WAREHOUSES	STORAGE BUILDING	STORAGE FACILITY 8	1986	3600	\$0	\$17,055.10	\$0.00
EDINBURG	620501540009	TEXAS	ALL OTHER	PROGRAM VAT FACILITY 9	PROGRAM VAT FACILITY 9	1983	2862	\$15,327.41	\$0	\$1,889.78
EDINBURG	620501540010	TEXAS	WAREHOUSES	COLD STORAGE BUILDING 10	COLD STORAGE BUILDING 10	1985	80	\$0	\$104.51	\$0.00
EDINBURG	620501540011	TEXAS	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE 11	1995	72	\$0.00	\$1,203.73	\$1,203.73
EDINBURG	620501540012	TEXAS	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE 12	1995	72	\$0.00	\$1,203.73	\$1,203.73
TEMPLE	620601080001	TEXAS	FAMILY HOUSING	RESIDENCE 1	RESIDENCE 1	1950	800	\$3,007.08	\$4,656.06	\$7,663.14
TEMPLE	620601080002	TEXAS	WAREHOUSES	RESIDENCE 2	RESIDENCE 2	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080003	TEXAS	WAREHOUSES	RESIDENCE 3	RESIDENCE 3	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080004	TEXAS	WAREHOUSES	RESIDENCE 4	RESIDENCE 4	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080005	TEXAS	WAREHOUSES	RESIDENCE 5	RESIDENCE 5	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080006	TEXAS	WAREHOUSES	RESIDENCE 6	RESIDENCE 6	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080007	TEXAS	WAREHOUSES	RESIDENCE 7	RESIDENCE 7	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080008	TEXAS	WAREHOUSES	RESIDENCE 8	RESIDENCE 8	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080009	TEXAS	WAREHOUSES	RESIDENCE 9	RESIDENCE 9	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080010	TEXAS	WAREHOUSES	RESIDENCE 10	RESIDENCE 10	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080011	TEXAS	WAREHOUSES	RESIDENCE 11	RESIDENCE 11	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080012	TEXAS	WAREHOUSES	RESIDENCE 12	RESIDENCE 12	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080013	TEXAS	WAREHOUSES	RESIDENCE 13	RESIDENCE 13	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080014	TEXAS	WAREHOUSES	RESIDENCE 14	RESIDENCE 14	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080015	TEXAS	WAREHOUSES	RESIDENCE 15	RESIDENCE 15	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080016	TEXAS	WAREHOUSES	RESIDENCE 16	RESIDENCE 16	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080017	TEXAS	WAREHOUSES	RESIDENCE 17	RESIDENCE 17	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080018	TEXAS	WAREHOUSES	RESIDENCE 18	RESIDENCE 18	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080019	TEXAS	WAREHOUSES	RESIDENCE 19	RESIDENCE 19	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080020	TEXAS	WAREHOUSES	RESIDENCE 20	RESIDENCE 20	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080021	TEXAS	WAREHOUSES	RESIDENCE 21	RESIDENCE 21	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080022	TEXAS	WAREHOUSES	RESIDENCE 22	RESIDENCE 22	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080023	TEXAS	WAREHOUSES	RESIDENCE 23	RESIDENCE 23	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080024	TEXAS	WAREHOUSES	RESIDENCE 24	RESIDENCE 24	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080025	TEXAS	WAREHOUSES	RESIDENCE 25	RESIDENCE 25	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080026	TEXAS	WAREHOUSES	RESIDENCE 26	RESIDENCE 26	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080027	TEXAS	WAREHOUSES	RESIDENCE 27	RESIDENCE 27	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080028	TEXAS	WAREHOUSES	RESIDENCE 28	RESIDENCE 28	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080029	TEXAS	WAREHOUSES	RESIDENCE 29	RESIDENCE 29	1937	1320	\$0.00	\$0	\$0.00
TEMPLE	620601080030	TEXAS	WAREHOUSES	RESIDENCE 30						

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	Estimated Maintenance		
								DM Critical	DM Non-Critical	DM Total
6208150008	TEXAS	LUBBOCK	ALL OTHER	ALL OTHER	GINNING FACILITY 08	1969	26680	\$116,188.31	\$144,658.71	\$260,847.03
6208150009	TEXAS	LUBBOCK	WAREHOUSES	TRAILER STORAGE	COTTON TRAILER STORAGE 09	1969	4320	\$40,607.20	\$0.00	\$40,607.20
6208150010	TEXAS	LUBBOCK	ALL OTHER	UTILITY BUILDING	BY-PRODUCT STORAGE BLDG 10	1996	1600	\$0.00	\$0.00	\$0.00
6208150011	TEXAS	LUBBOCK	ALL OTHER	ALL OTHER	WIND ENERGY	1980	180	\$0.00	\$0.00	\$0.00
6208150012	TEXAS	LUBBOCK	ALL OTHER	ALL OTHER	ADMINISTRATIVE BUILDING 11	2005	1070	\$0.00	\$0.00	\$0.00
6208150013	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	RESEARCH LABORATORY 12	1986	3000	\$14,550.77	\$20,788.38	\$35,339.15
6208150014	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	FIELD LABORATORY 13	1986	3000	\$22,914.54	\$27,428.01	\$50,342.55
6208150015	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	FIELD LABORATORY 14	1986	1400	\$3,668.80	\$3,222.40	\$6,891.20
6208150016	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	ROOT WASHING BUILDING 15	1986	576	\$512.00	\$0.00	\$512.00
6208150017	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	FIELD (ROOT) LAB 15	1986	1440	\$965.60	\$604.00	\$1,569.60
6208150018	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	GROWTH CHAMBER FACILITY 16	1988	720	\$338.40	\$0.00	\$338.40
6208150019	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	MICROWAVE LAB 17	1988	1500	\$10,377.75	\$495.94	\$10,873.69
6208150020	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	STORAGE BUILDING 21	1993	3200	\$0.00	\$0.00	\$0.00
6208150021	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	HEADHOUSE/GREENHOUSE 22	1993	9920	\$179,874.24	\$5,084.31	\$184,958.55
6208150022	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	MOLECULAR LAB 23	1995	1500	\$711.36	\$23,479.20	\$24,190.56
6208150023	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	SW-CL PLANT STRESS/WATER CONSE	1999	6200	\$1,990.96	\$0.00	\$1,990.96
6208150024	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	GREENHOUSE 24	2000	1800	\$0.00	\$0.00	\$0.00
6208150025	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	GREENHOUSE 25	2000	1800	\$0.00	\$0.00	\$0.00
6208150026	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	POLE BARN 1-SHAPED***	2001	4400	\$1,591.20	\$0.00	\$1,591.20
6208150028	TEXAS	LUBBOCK	SERVICE	SHOP	WENC SHOP/WIND TUNNEL/SOIL PREP	2001	2400	\$0.00	\$0.00	\$0.00
6208150030	TEXAS	LUBBOCK	ALL OTHER	GREENHOUSE	GREENHOUSE (POLY #2)	2002	1800	\$0.00	\$0.00	\$0.00
6208150031	TEXAS	LUBBOCK	ALL OTHER	GREENHOUSE	GREENHOUSE (POLY #3)	2003	1800	\$0.00	\$0.00	\$0.00
6208150033	TEXAS	LUBBOCK	ALL OTHER	GREENHOUSE	GREENHOUSE (POLY #4)	2004	1800	\$0.00	\$0.00	\$0.00
6208150034	TEXAS	LUBBOCK	ALL OTHER	GREENHOUSE	GREENHOUSE (POLY #5)	2005	1800	\$0.00	\$0.00	\$0.00
6208200001	TEXAS	BIG SPRING	FAMILY HOUSING	RESIDENCE	RESIDENCE 1	1963	1404	\$25,008.39	\$14,592.58	\$39,600.98
6208200002	TEXAS	BIG SPRING	ALL OTHER	LIBRARY, ALL OTHER	LIBRARY 2	1963	1404	\$22,135.73	\$25,706.96	\$47,842.70
6208200003	TEXAS	BIG SPRING	ALL OTHER	ALL OTHER	WIND TUNNEL AND STORAGE 4	1957	3568	\$25,023.96	\$14,083.73	\$39,107.69
6208200004	TEXAS	BIG SPRING	WAREHOUSES	WAREHOUSE	WAREHOUSE 5	1974	2448	\$4,354.51	\$2,002.92	\$6,357.43
6208200005	TEXAS	BIG SPRING	WAREHOUSES	WAREHOUSE	IMPLEMENT SHED 6	1974	2448	\$1,519.01	\$6,357.43	\$7,876.44
6208200006	TEXAS	BIG SPRING	WAREHOUSES	WAREHOUSE	OFFICE/LAB 8	1958	7292	\$18,371.47	\$40,860.51	\$59,233.97
6208200008	TEXAS	BIG SPRING	LABORATORIES	RESEARCH OFFICE/LABORATORY	VEHICLE STORAGE 9	1957	2400	\$17,002.22	\$17,002.22	\$34,004.44
6208200009	TEXAS	BIG SPRING	LABORATORIES	HAZMAT FACILITY	Hazardous Storage	1974	80	\$2,842.00	\$0.00	\$2,842.00
6208200010	TEXAS	BIG SPRING	WAREHOUSES	CHEMICAL STORAGE	Oil Shed	1978	120	\$4,776.00	\$0.00	\$4,776.00
6208200011	TEXAS	BIG SPRING	ALL OTHER	GREENHOUSE #11	GREENHOUSE #11	1997	400	\$407.58	\$0.00	\$407.58
6208200012	TEXAS	BIG SPRING	ALL OTHER	HEADHOUSE	HEADHOUSE 12	1933	440	\$1,585.01	\$18,732.66	\$20,317.67
6208200013	TEXAS	BIG SPRING	ALL OTHER	HEADHOUSE	HEADHOUSE 12	2002	3840	\$0.00	\$0.00	\$0.00
6208200019	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	POLE BARN	1989	672	\$1,898.82	\$1,046.68	\$2,945.50
6208200020	TEXAS	LUBBOCK	LABORATORIES	LABORATORY	PLANT BREEDING LABORATORY 19	2004	1472	\$747.63	\$0.00	\$747.63
6208200022	TEXAS	BUSHLAND	LABORATORIES	ANIMAL FACILITY, ALL OTHER	ANIMAL NURSERY/PREP BLDG 32	1963	16358	\$89,640.79	\$52,380.55	\$142,021.34
6208200023	TEXAS	BUSHLAND	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB 1	1999	3722	\$23,727.03	\$19,590.46	\$43,317.49
6208200024	TEXAS	BUSHLAND	LABORATORIES	LABORATORY	SUNFLOWER BUILDING 3	1999	5960	\$23,727.03	\$19,590.46	\$43,317.49
6208200025	TEXAS	BUSHLAND	LABORATORIES	LABORATORY	SAMPLE PROCESSING GREENHOUSE 4	1968	5960	\$23,727.03	\$19,590.46	\$43,317.49
6208200026	TEXAS	BUSHLAND	LABORATORIES	LABORATORY	WIND ENERGY LAB 5	1969	3258	\$26,855.96	\$8,881.64	\$35,737.60
6208200027	TEXAS	BUSHLAND	SERVICE	SHOP	REPAIR/MAINTENANCE SHOP 6	1957	1680	\$50,694.66	\$11,422.88	\$62,117.54
6208200028	TEXAS	BUSHLAND	ALL OTHER	ALL OTHER	SUNFLOWER WORKROOM 7	1939	1200	\$15,827.40	\$5,596.29	\$21,423.69
6208200029	TEXAS	BUSHLAND	WAREHOUSES	WAREHOUSE	PICKUP TRUCK STORAGE SHED 9	1940	3072	\$25,453.44	\$1,772.28	\$27,225.72
6208200030	TEXAS	BUSHLAND	SERVICE	SHOP	T&E REPAIR/MAINTENANCE SHOP10	1956	1215	\$1,128.33	\$6,295.21	\$7,423.54
6208200031	TEXAS	BUSHLAND	WAREHOUSES	WAREHOUSE	TRACTOR STORAGE #2 11	1942	1296	\$16,212.96	\$0.00	\$16,212.96
6208200032	TEXAS	BUSHLAND	WAREHOUSES	WAREHOUSE	MACHINERY STORAGE 13	1963	4000	\$4,181.22	\$4,005.45	\$8,186.67
6208200033	TEXAS	BUSHLAND	ALL OTHER	STORAGE BUILDING	DRYING & PROCESSING BUILDING14	1970	1500	\$5,149.98	\$1,772.28	\$6,922.26
6208200034	TEXAS	BUSHLAND	ALL OTHER	WATER SYSTEM BUILDING	IRRIGATION BUILDING 15	1985	4000	\$6,301.69	\$3,101.49	\$9,403.18
6208200035	TEXAS	BUSHLAND	WAREHOUSES	WAREHOUSE	STORAGE BUILDING 16	1966	2880	\$23,866.65	\$21,468.96	\$45,335.61

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sqft	Detailed Maintenance		
								DM Critical	DM Non-Critical	DM Total
6209000017	TEXAS	BUSHLAND	WAREHOUSES	STORAGE BUILDING	RESEARCH EQUIPMENT STORAGE BLDG17	1944	4350	\$42,256.08	\$15,952.14	\$58,208.22
6209000018	TEXAS	BUSHLAND	FAMILY HOUSING	RESIDENCE	RESIDENCE 18	1939	1343	\$9,271.26	\$21,726.63	\$30,997.89
6209000019	TEXAS	BUSHLAND	WAREHOUSES	STORAGE BUILDING	MACHINE STORAGE 20	1977	4800	\$1,918.34	\$0.00	\$1,918.34
6209000020	TEXAS	BUSHLAND	LABORATORIES	RESEARCH OFFICE/LABORATORY	RESEARCH OFFICE 21	1980	1700	\$1,875.48	\$1,875.48	\$3,750.96
6209000021	TEXAS	BUSHLAND	ALL OTHER	ALL OTHER	WIND HYBRID 22	1981	1700	\$1,149.09	\$1,149.09	\$2,298.18
6209000022	TEXAS	BUSHLAND	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL FEED BARN 23	1983	1440	\$422.83	\$409.86	\$832.68
6209000023	TEXAS	BUSHLAND	LABORATORIES	LABORATORY	MICROBIOLOGY LABORATORY 24	1984	2700	\$8,237.12	\$8,438.96	\$16,646.08
6209000024	TEXAS	BUSHLAND	LABORATORIES	LABORATORY	WIND, LAB ANNEX 25	1984	1500	\$9,827.73	\$1,632.15	\$11,459.88
6209000025	TEXAS	BUSHLAND	ALL OTHER	ALL OTHER	ASSEMBLY BUILDING 26	1986	7200	\$5,096.52	\$5,218.02	\$10,314.54
6209000027	TEXAS	BUSHLAND	WAREHOUSES	CHEMICAL STORAGE	HERBICIDE RINSE DOWN 27	1987	1000	\$0.00	\$409.86	\$409.86
6209000028	TEXAS	BUSHLAND	WAREHOUSES	STORAGE BUILDING	CHEMICAL STORAGE 28	1989	704	\$9,706.56	\$0.00	\$9,706.56
6209000029	TEXAS	BUSHLAND	WAREHOUSES	STORAGE BUILDING	RAINOUT SHELTER FACILITY 29	1993	3200	\$34.02	\$0.00	\$34.02
6209000030	TEXAS	BUSHLAND	WAREHOUSES	STORAGE BUILDING	MACHINE STORAGE 30	1997	3200	\$0.00	\$1,091.88	\$1,091.88
6209000031	TEXAS	BUSHLAND	WAREHOUSES	STORAGE BUILDING	FUEL STORAGE HOUSE 31	1998	165	\$0.00	\$0.00	\$0.00
6209000032	TEXAS	BUSHLAND	WAREHOUSES	STORAGE BUILDING	FEED & STORAGE 32	2004	3200	\$0.00	\$0.00	\$0.00
6209000033	TEXAS	BUSHLAND	WAREHOUSES	STORAGE BUILDING	MODULAR OFFICE BUILDING	2007	1976	\$0.00	\$0.00	\$0.00
6209000034	TEXAS	BUSHLAND	WAREHOUSES	STORAGE BUILDING	Animal Paper Storage	2009	5934	\$0.00	\$0.00	\$0.00
6209000035	TEXAS	WOODWARD	OFFICE	OFFICE	OFFICE/RESIDENCE 2	1914	1600	\$11,467.87	\$13,490.51	\$24,958.38
6216000001	TEXAS	WOODWARD	FAMILY HOUSING	RESIDENCE	OFFICE/RESIDENCE 5	1941	1128	\$0.00	\$0.00	\$0.00
6216000002	TEXAS	WOODWARD	LABORATORIES	RESEARCH OFFICE/LABORATORY	RESEARCH OFFICE/LABORATORY 6	1950	2636	\$425,185.85	\$210,376.08	\$635,561.93
6216000003	TEXAS	WOODWARD	ALL OTHER	GREENHOUSE	GREENHOUSE 7	1930	7780	\$1,343.45	\$238,086.77	\$239,430.22
6216000004	TEXAS	WOODWARD	WAREHOUSES	SHOP	GARAGE/SHOP 8	1914	5760	\$3,437.47	\$39,403.13	\$42,840.61
6216000005	TEXAS	WOODWARD	WAREHOUSES	SHED, STORAGE	MACHINE SHED (NORTH) 9	1932	2860	\$31,719.14	\$68,269.60	\$99,988.74
6216000006	TEXAS	WOODWARD	WAREHOUSES	SHED, STORAGE	MACHINE SHED (SOUTH) 10	1937	2860	\$0.00	\$66,841.31	\$66,841.31
6216000007	TEXAS	WOODWARD	WAREHOUSES	SHED, STORAGE	MACHINE SHED (WEST) 11	1919	1920	\$1,633.37	\$34,119.16	\$35,752.53
6216000008	TEXAS	WOODWARD	WAREHOUSES	LABORATORY	GERMPLASM BUILDING 12	1948	3600	\$29,592.35	\$22,724.68	\$52,317.04
6216000009	TEXAS	WOODWARD	WAREHOUSES	LABORATORY	METABOLISM BUILDING 13	1940	5280	\$26,785.54	\$101,472.89	\$128,258.43
6216000010	TEXAS	WOODWARD	WAREHOUSES	LABORATORY	GENOTOXICITY BUILDING 14	1946	3576	\$8,923.44	\$25,725.68	\$34,649.12
6216000011	TEXAS	WOODWARD	WAREHOUSES	LABORATORY	PUMP HOUSE 15	1948	1700	\$8,923.44	\$25,725.68	\$34,649.12
6216000012	TEXAS	WOODWARD	WAREHOUSES	PUMP-HOUSE, SERVICE	PUMP HOUSE 16	1948	1700	\$8,923.44	\$25,725.68	\$34,649.12
6216000013	TEXAS	WOODWARD	WAREHOUSES	GARAGE	GARAGE 20	1930	100	\$0.00	\$2,521.08	\$2,521.08
6216000014	OKLAHOMA	WOODWARD	WAREHOUSES	WATER SYSTEM BUILDING	SFER WELL HOUSE	2004	68	\$0.00	\$1,966.25	\$1,966.25
6216000015	OKLAHOMA	WOODWARD	WAREHOUSES	SHOP	RANGE SHOP/OFFICE 51	1987	4438	\$237,204.23	\$66,840.19	\$304,044.42
6216000016	OKLAHOMA	WOODWARD	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	RANGE VET BARN 52	1992	3330	\$86,046.24	\$50,084.42	\$136,130.66
6216000017	OKLAHOMA	WOODWARD	WAREHOUSES	GREENHOUSE	EAST GREENHOUSE 53	1993	5792	\$8,885.79	\$0.00	\$8,885.79
6216000018	OKLAHOMA	WOODWARD	WAREHOUSES	HEADHOUSE	EAST HEADHOUSE 54	1994	3500	\$6,044.75	\$0.00	\$6,044.75
6216000019	OKLAHOMA	WOODWARD	WAREHOUSES	SHED, STORAGE	MACHINE SHED 55	1995	7392	\$0.00	\$0.00	\$0.00
6216000020	OKLAHOMA	WOODWARD	WAREHOUSES	SCALE HOUSE, SERVICE	CORRAL 43 SCALE HOUSE BLDG 56	1997	1824	\$520.83	\$681.95	\$1,202.79
6216000021	OKLAHOMA	WOODWARD	WAREHOUSES	BARN	SCALE BARN-WOODWARD #57	1998	1872	\$0.00	\$0.00	\$0.00
6216000022	OKLAHOMA	WOODWARD	WAREHOUSES	SCALE HOUSE, SERVICE	CORRAL #9 SCALEHOUSE #58	1999	1872	\$534.54	\$699.90	\$1,234.44
6216000023	OKLAHOMA	WOODWARD	WAREHOUSES	SCALE HOUSE, SERVICE	CORRAL #5 SCALEHOUSE #59	2001	1728	\$493.42	\$646.06	\$1,139.48
6216000024	OKLAHOMA	WOODWARD	WAREHOUSES	SCALE HOUSE, SERVICE	CORRAL #6 SCALEHOUSE #60	2001	1728	\$493.42	\$646.06	\$1,139.48
6216000025	OKLAHOMA	WOODWARD	WAREHOUSES	SCALE HOUSE, SERVICE	STATION SCALE HOUSE 29	2001	3200	\$1,350.00	\$0.00	\$1,350.00
6216000026	OKLAHOMA	WOODWARD	WAREHOUSES	SHOP	WEST SHOP 1	1940	964	\$12,900.65	\$19,934.37	\$32,835.02
6216000027	OKLAHOMA	STILLWATER	WAREHOUSES	SHOP	EAST SHOP 2	1940	672	\$8,993.98	\$13,896.16	\$22,890.14
6216000028	OKLAHOMA	STILLWATER	WAREHOUSES	SHED, STORAGE	EQUIPMENT SHELTER 3	1949	2160	\$5,390.00	\$15,539.00	\$20,929.00
6216000029	OKLAHOMA	STILLWATER	WAREHOUSES	STORAGE BUILDING	QUONSET HUT 4	1961	5000	\$48,723.00	\$6,922.00	\$55,645.00
6216000030	OKLAHOMA	STILLWATER	WAREHOUSES	STORAGE BUILDING	HYDRAULIC STORAGE BUILDING 5	1986	1440	\$10,609.58	\$0.00	\$10,609.58
6216000031	OKLAHOMA	STILLWATER	LABORATORIES	LABORATORY	HYDRAULIC MODEL BUILDING 6	1986	3200	\$6,829.00	\$0.00	\$6,829.00
6216000032	OKLAHOMA	STILLWATER	LABORATORIES	LABORATORY	MODEL SHELTER A 8	1954	576	\$8,654.00	\$8,341.00	\$16,995.00
6216000033	OKLAHOMA	STILLWATER	LABORATORIES	LABORATORY	MODEL BASIN C 9	1963	1120	\$950.00	\$1,349.00	\$2,299.00
6216000034	OKLAHOMA	STILLWATER	LABORATORIES	LABORATORY	HYDRAULIC MODEL BLDG 10	1967	4000	\$14,955.00	\$25,377.00	\$40,332.00
6216000035	OKLAHOMA	STILLWATER	ALL OTHER	ALL OTHER	VOLUMETRIC TANK 11	1968	640	\$48,806.00	\$7,573.00	\$56,379.00

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	Estimated Maintenance		
								DM Critical	DM Non-Critical	DM Total
6217008012	OKLAHOMA	STILLWATER	WAREHOUSES	CHEMICAL STORAGE	OIL HOUSE 12	1968	96	\$927.00	\$6,198.00	\$6,125.00
6217008013	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 13	1977	3000	\$24,323.20	\$48,424.00	\$72,747.20
6217008014	OKLAHOMA	STILLWATER	WAREHOUSES	STORAGE BUILDING	STORAGE 14	1978	4000	\$9,518.01	\$4,136.88	\$13,654.88
6217008015	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 15	1976	2976	\$24,714.40	\$47,413.60	\$72,128.00
6217008016	OKLAHOMA	STILLWATER	LABORATORIES	RESEARCH OFFICE/LABORATORY	PLANT SCIENCE OFFICE/LAB 17	1986	15000	\$327,166.40	\$67,558.30	\$404,724.70
6217008017	OKLAHOMA	STILLWATER	LABORATORIES	HEADHOUSE	HEADHOUSE 18	1981	6325	\$23,025.60	\$36,280.80	\$59,306.40
6217008018	OKLAHOMA	STILLWATER	WAREHOUSES	STORAGE BUILDING	STORAGE ENTOMOLOGY 19	1972	960	\$9,303.56	\$2,401.07	\$11,704.63
6217008019	OKLAHOMA	STILLWATER	WAREHOUSES	STORAGE BUILDING	ENTOMOLOGY STORAGE (LAK) 20	1975	1440	\$2,528.80	\$261.60	\$2,790.40
6217008020	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	ENTOMOLOGY GREENHOUSE 21	1981	1760	\$15,855.20	\$0.00	\$15,855.20
6217008021	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	ENTOMOLOGY GREENHOUSE 22	1981	1760	\$15,855.20	\$0.00	\$15,855.20
6217008022	OKLAHOMA	STILLWATER	ALL OTHER	HEADHOUSE	ENTOMOLOGY HEADHOUSE 23	1981	500	\$944.25	\$0.00	\$944.25
6217008023	OKLAHOMA	STILLWATER	OFFICE	OFFICE	METAL BUILDING 24	1982	3000	\$20,797.92	\$0.00	\$20,797.92
6217008024	OKLAHOMA	STILLWATER	SERVICE BUILDINGS	SHOP	OFFICE BUILDING 25	1986	5000	\$22,943.00	\$13,884.00	\$36,827.00
6217008025	OKLAHOMA	STILLWATER	LABORATORIES	PEANUT MAINTENANCE BUILDING 26	PEANUT MAINTENANCE BUILDING 26	1986	1200	\$6,135.10	\$0.00	\$6,135.10
6217008026	OKLAHOMA	STILLWATER	LABORATORIES	LABORATORY	PEANUT METAL STORAGE BUILDING 27	1984	3000	\$2,895.20	\$0.00	\$2,895.20
6217008027	OKLAHOMA	STILLWATER	LABORATORIES	LABORATORY	LABORATORY 28	1981	1800	\$4,917.44	\$8,307.20	\$13,224.64
6217008028	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 17A	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008029	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 17B	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008030	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 17C	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008031	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 17D	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008032	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 17E	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008033	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 17F	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008034	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 17G	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008035	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 17H	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008036	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 17I	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008037	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 17J	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008038	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 18A	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008039	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 18B	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008040	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 18C	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008041	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 18D	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008042	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 18E	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008043	OKLAHOMA	STILLWATER	ALL OTHER	GREENHOUSE	GREENHOUSE 18F	1981	2880	\$58,593.76	\$97,878.88	\$156,472.64
6217008044	OKLAHOMA	STILLWATER	OFFICE	OFFICE	MAIN OFFICE 1	1937	30237	\$202,780.00	\$188,637.00	\$391,417.00
6218008001	OKLAHOMA	EL RENO	WAREHOUSES	STORAGE WAREHOUSE	REMOTE SENSING WAREHOUSE	1893	1148	\$12,978.00	\$57,707.00	\$70,685.00
6218008002	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 3	1891	3136	\$13,075.00	\$108,456.00	\$121,531.00
6218008003	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 4	1936	4675	\$50,927.00	\$51,611.00	\$102,538.00
6218008004	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 5	1891	2688	\$49,149.00	\$177,989.00	\$227,138.00
6218008005	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 6	1876	4928	\$52,804.00	\$119,262.00	\$172,066.00
6218008006	OKLAHOMA	EL RENO	ALL OTHER	VISITORS CENTER	VISITORS CENTER	1876	3955	\$16,616.00	\$41,062.00	\$57,678.00
6218008007	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 9	1891	1089	\$31,688.00	\$74,532.00	\$106,220.00
6218008008	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 10	1878	1692	\$28,040.00	\$124,279.00	\$152,319.00
6218008009	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 11	1876	1692	\$28,040.00	\$124,279.00	\$152,319.00
6218008010	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 12	1876	1692	\$28,040.00	\$124,279.00	\$152,319.00
6218008011	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 13	1910	636	\$19,734.00	\$42,006.00	\$61,740.00
6218008012	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 14	1910	636	\$19,734.00	\$42,006.00	\$61,740.00
6218008013	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 15	1910	636	\$19,734.00	\$42,006.00	\$61,740.00
6218008014	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 16	1910	636	\$19,734.00	\$42,006.00	\$61,740.00
6218008015	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 17	1923	1080	\$37,385.00	\$70,840.00	\$108,225.00
6218008016	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 18	1923	1080	\$37,385.00	\$70,840.00	\$108,225.00
6218008017	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 19	1934	2634	\$62,243.00	\$29,707.00	\$91,950.00
6218008018	OKLAHOMA	EL RENO	FAMILY HOUSING	RESIDENCE	HOUSING 20	1934	2634	\$62,243.00	\$29,707.00	\$91,950.00
6218008019	OKLAHOMA	EL RENO	ALL OTHER	CHAPEL 21	CHAPEL 21	1944	4096	\$31,964.00	\$42,914.00	\$74,878.00
6218008020	OKLAHOMA	EL RENO	ALL OTHER	CHAPEL 22	CHAPEL 22	14400	14400	\$159,351.00	\$4,380.00	\$163,731.00
6218008021	OKLAHOMA	EL RENO	ALL OTHER	CHAPEL 23	CHAPEL 23	1915	1152	\$5,112.00	\$14,519.00	\$19,631.00
6218008022	OKLAHOMA	EL RENO	WAREHOUSES	SHED, STORAGE	PAINT SHED 25	1942	1152	\$5,112.00	\$14,519.00	\$19,631.00

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Description Maintenance			
								DM Critical	DM Non-Critical	DW Total	DW Total
6218008026	OKLAHOMA	EL RENO	SERVICE	SHOP	MACHINE SHOP 26	1921	5200	\$78,043.00	\$195,754.00	\$273,797.00	
6218008027	OKLAHOMA	EL RENO	SERVICE	SHOP	CARPENTER SHOP 28	1922	5200	\$76,717.00	\$199,787.00	\$276,504.00	
6218008029	OKLAHOMA	EL RENO	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE 29	1894	1094	\$0.00	\$190,021.00	\$190,021.00	
6218008030	OKLAHOMA	EL RENO	SERVICE	FILLING STATION 30	FILLING STATION 30	1942	1472	\$13,923.00	\$8,061.00	\$21,984.00	
6218008031	OKLAHOMA	EL RENO	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE 31	1885	16340	\$202,710.00	\$961,063.00	\$1,163,773.00	
6218008032	OKLAHOMA	EL RENO	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE 32	1885	16340	\$202,710.00	\$961,063.00	\$1,163,773.00	
6218008033	OKLAHOMA	EL RENO	ALL OTHER	SHED, STORAGE	IMPLEMENT SHED 33	1914	4844	\$3,143.00	\$52,661.00	\$54,804.00	
6218008036	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 36	1890	6551	\$79,722.00	\$79,869.00	\$159,591.00	
6218008038	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 38	1909	8383	\$110,677.00	\$773,170.00	\$883,847.00	
6218008039	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 39	1909	8383	\$110,677.00	\$773,170.00	\$883,847.00	
6218008041	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 41	1934	6390	\$69,967.00	\$223,123.00	\$293,090.00	
6218008042	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 42	1936	2720	\$30,214.00	\$43,904.00	\$74,118.00	
6218008044	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 44	1936	2720	\$30,214.00	\$43,904.00	\$74,118.00	
6218008045	OKLAHOMA	EL RENO	ALL OTHER	PHYSIOLOGY BARN 45	PHYSIOLOGY BARN 45	1908	15098	\$7,361.00	\$0.00	\$7,361.00	
6218008047	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 47	1936	570	\$8,870.00	\$4,053.00	\$12,923.00	
6218008048	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 48	1936	570	\$8,870.00	\$4,053.00	\$12,923.00	
6218008049	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 49	1945	9449	\$51,338.58	\$0.00	\$51,338.58	
6218008050	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 50	1945	9449	\$51,338.58	\$0.00	\$51,338.58	
6218008051	OKLAHOMA	EL RENO	LABORATORIES	LABORATORY	SOIL PROCESSING LAB 51	1980	5000	\$25,125.00	\$25,125.00	\$50,250.00	
6218008053	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHELTER SHED 53	1910	4000	\$41,534.00	\$107,640.00	\$149,174.00	
6218008054	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHELTER SHED 54	1910	4000	\$41,534.00	\$107,640.00	\$149,174.00	
6218008055	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHELTER SHED 55	1910	4000	\$41,534.00	\$107,640.00	\$149,174.00	
6218008057	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHELTER SHED 57	1941	8000	\$83,540.00	\$35,113.00	\$118,653.00	
6218008064	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHELTER SHED 64	1940	4000	\$42,140.00	\$60,603.00	\$102,743.00	
6218008065	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHELTER SHED 65	1940	4000	\$42,140.00	\$60,603.00	\$102,743.00	
6218008067	OKLAHOMA	EL RENO	SERVICE	SCALE HOUSE, SERVICE	SCALE HOUSE 67	1940	4130	\$7,487.00	\$21,663.00	\$29,150.00	
6218008069	OKLAHOMA	EL RENO	SERVICE	SCALE HOUSE, SERVICE	SCALE HOUSE 69	1944	376	\$543.00	\$2,622.00	\$3,165.00	
6218008070	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP BARN 70	1923	9073	\$6,892.00	\$44,448.00	\$51,340.00	
6218008071	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SWINE BARN 71	1921	2543	\$14,628.00	\$113,725.00	\$128,353.00	
6218008072	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SWINE BARN 72	1921	2543	\$14,628.00	\$113,725.00	\$128,353.00	
6218008073	OKLAHOMA	EL RENO	WAREHOUSES	BARN, STORAGE	HAY BARN 73	1921	1316	\$8,790.00	\$12,477.00	\$21,267.00	
6218008075	OKLAHOMA	EL RENO	WAREHOUSES	BARN, STORAGE	HAY BARN 75	1921	1316	\$8,790.00	\$12,477.00	\$21,267.00	
6218008082	OKLAHOMA	EL RENO	WAREHOUSES	BARN, STORAGE	SEED BARN 82	1965	1600	\$33,266.00	\$0.00	\$33,266.00	
6218008085	OKLAHOMA	EL RENO	WAREHOUSES	BARN, STORAGE	SEED BARN 85	1965	1600	\$33,266.00	\$0.00	\$33,266.00	
6218008087	OKLAHOMA	EL RENO	WAREHOUSES	GARAGE	GARAGE 87	1933	2276	\$28,590.00	\$11,462.00	\$40,052.00	
6218008088	OKLAHOMA	EL RENO	WAREHOUSES	GARAGE	GARAGE 88	1933	1113	\$15,310.00	\$18,275.00	\$33,585.00	
6218008090	OKLAHOMA	EL RENO	WAREHOUSES	GARAGE	GARAGE 90	1933	900	\$12,380.05	\$14,777.63	\$27,157.68	
6218008094	OKLAHOMA	EL RENO	WAREHOUSES	GARAGE	GARAGE 94	1933	900	\$12,380.05	\$14,777.63	\$27,157.68	
6218008095	OKLAHOMA	EL RENO	WAREHOUSES	SHED, STORAGE	SMALL STORAGE SHED 95	1981	500	\$0.00	\$0.00	\$0.00	
6218008096	OKLAHOMA	EL RENO	SERVICE	FEED MILL, SERVICE	FEEDMILL 96	1982	3400	\$174,950.00	\$16,834.00	\$191,784.00	
6218008098	OKLAHOMA	EL RENO	WAREHOUSES	BARN, STORAGE	WOOL BARN 98	1985	1800	\$733.00	\$0.00	\$733.00	
6218008099	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	POLE BARN 99	1989	1800	\$0.00	\$0.00	\$0.00	
6218008100	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP BARN 100	1989	3000	\$0.00	\$0.00	\$0.00	
6218008101	OKLAHOMA	EL RENO	SERVICE	SCALE HOUSE, SERVICE	SCALE HOUSE 101	2002	3840	\$1,096.49	\$1,435.69	\$2,532.19	
6218008102	OKLAHOMA	EL RENO	WAREHOUSES	HAZARDOUS WASTE BUILDING	HAZARDOUS WASTE BUILDING	2004	294	\$0.00	\$0.00	\$0.00	
6218008103	OKLAHOMA	EL RENO	WAREHOUSES	HAZARDOUS WASTE BUILDING	HAZARDOUS WASTE BUILDING	2006	120	\$0.00	\$0.00	\$0.00	
6218008104	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	SHEEP SHED	1988	468	\$3,375.67	\$631.13	\$4,006.80	
6218008105	OKLAHOMA	EL RENO	WAREHOUSES	BARN, STORAGE	WHEAT BARN	2002	2250	\$0.00	\$0.00	\$0.00	
6218008106	OKLAHOMA	EL RENO	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HAY BARN	1948	6480	\$70,952.45	\$276,265.58	\$347,218.03	
6218008107	OKLAHOMA	EL RENO	ALL OTHER	UTILITY BUILDING	BOILER ROOM FM 96A	1982	651	\$11,065.00	\$0.00	\$11,065.00	
6218008108	OKLAHOMA	EL RENO	WAREHOUSES	BARN, STORAGE	HAY BARN FM 96B	1982	5625	\$6,263.00	\$0.00	\$6,263.00	
6218008109	OKLAHOMA	EL RENO	WAREHOUSES	BARN, STORAGE	PUMP HOUSE - OLD STORAGE YD	1936	460	\$6,768.00	\$39,639.00	\$46,407.00	
6218008110	OKLAHOMA	EL RENO	SERVICE	PUMPHOUSE, SERVICE	PUMP HOUSE - OLD STORAGE YD	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008111	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 819	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008112	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 820	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008113	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 821	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008114	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 822	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008115	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 823	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008116	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 824	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008117	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 825	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008118	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 826	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008119	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 827	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008120	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 828	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008121	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 829	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008122	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 830	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008123	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 831	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008124	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 832	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008125	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 833	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008126	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 834	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008127	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 835	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008128	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 836	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008129	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 837	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008130	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 838	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008131	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 839	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008132	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 840	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008133	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 841	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008134	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 842	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008135	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 843	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008136	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 844	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008137	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 845	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008138	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 846	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008139	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 847	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008140	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 848	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008141	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 849	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008142	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 850	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008143	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 851	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008144	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 852	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008145	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 853	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008146	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 854	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008147	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 855	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008148	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE 856	1934	280	\$3,254.00	\$4,409.00	\$7,663.00	
6218008149	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER</							

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	DN Critical	Decreased Maintenance	
									DN Non-Critical	DM Total
621800B08	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE B16	1930	389	\$4,158.00	\$3,681.00	\$38,897.00
621800B09	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	COAL HOUSE B18	1930	389	\$1,645.00	\$8,759.00	\$104.00
621800B10	OKLAHOMA	EL RENO	WAREHOUSES	GARAGE	GARAGE BY BAKERY	1933	338	\$3,742.00	\$23,210.00	\$26,952.00
621800B01	OKLAHOMA	EL RENO	ALL OTHER	BARN	SILCO BARN N DAIRY	1936	240	\$3,924.00	\$6,143.00	\$8,067.00
621800B06	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	HISTORIC STONE BUILDING (11A)	1984	725	\$2,310.00	\$3,627.00	\$5,937.00
621801B01	OKLAHOMA	EL RENO	OFFICE	OFFICE	EC OFFICE BUILDING	1998	6000	\$4,644.00	\$3,561.00	\$6,505.00
621801B02	OKLAHOMA	EL RENO	LABORATORIES	LABORATORY	EC WEST LAB	1998	2400	\$12,890.00	\$0.00	\$704.00
621801B03	OKLAHOMA	EL RENO	LABORATORIES	LABORATORY	EC EAST LAB	1998	2400	\$704.00	\$0.00	\$0.00
621801B04	OKLAHOMA	EL RENO	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE	EC HEADHOUSE/GREENHOUSE	2007	9528	\$0.00	\$0.00	\$352.00
621801B05	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	EC WAREHOUSING	1999	1200	\$322.00	\$0.00	\$0.00
621801B06	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	EC HEADGATE BARN	1999	1400	\$0.00	\$0.00	\$0.00
621801B07	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	EC WEIGHING BARN	1999	1400	\$0.00	\$0.00	\$0.00
621801B08	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	EC PAINTER BARN	1999	1400	\$0.00	\$0.00	\$0.00
621801B09	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	EC CATTLE BARN	1999	1400	\$0.00	\$0.00	\$0.00
621801B10	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	EC SCALE HOUSE	1997	4000	\$0.00	\$0.00	\$0.00
621801B021	OKLAHOMA	EL RENO	ALL OTHER	ALL OTHER	PRIMATE FACILITY	2000	30234	\$1,365.00	\$3,476.00	\$4,841.00
622200B01	OKLAHOMA	LANE	LABORATORIES	LABORATORIES	OFFICE/LABORATORY 1	1986	5760	\$125,295.38	\$25,000.92	\$150,490.92
622200B02	OKLAHOMA	LANE	LABORATORIES	LABORATORIES	OFFICE/LABORATORY 2	1986	3160	\$7,098.97	\$3,644.90	\$77,731.81
622200B03	OKLAHOMA	LANE	LABORATORIES	LABORATORIES	RESEARCH OFFICE/LABORATORY 3	1993	10360	\$8,791.40	\$70,823.09	\$97,614.49
622200B04	OKLAHOMA	LANE	LABORATORIES	LABORATORIES	RESEARCH OFFICE/LABORATORY 4	1993	10360	\$8,791.40	\$70,823.09	\$97,614.49
622200B05	OKLAHOMA	LANE	ALL OTHER	ALL OTHER	GREENHOUSE 5	1986	5060	\$129.58	\$68,261.04	\$68,390.62
622200B06	OKLAHOMA	LANE	ALL OTHER	ALL OTHER	GREENHOUSE 6	1986	5060	\$97,186.19	\$160,724.67	\$257,460.86
622200B07	OKLAHOMA	LANE	WAREHOUSES	WAREHOUSES	GREENHOUSE 7	1989	512	\$339.57	\$0.00	\$339.57
622200B08	OKLAHOMA	LANE	LABORATORIES	LABORATORY	METAL STORAGE BUILDING 7	1993	8550	\$23,357.84	\$62,817.04	\$86,174.88
622200B09	OKLAHOMA	LANE	LABORATORIES	LABORATORY	POST-HARVEST HANDLING FAC B	1993	8380	\$2,392.86	\$3,133.10	\$5,525.97
622200B10	OKLAHOMA	LANE	ALL OTHER	SHOP	UTILITY SHED 10	1989	100	\$391.41	\$68.87	\$460.28
622200B11	OKLAHOMA	LANE	ALL OTHER	UTILITY BUILDING	UTILITY SHED 11	1989	160	\$451.73	\$0.00	\$451.73
622200B12	OKLAHOMA	ALPHEA	WAREHOUSES	WAREHOUSES	CHEMICAL STORAGE BULD 12	1998	45940	\$50,442.71	\$0.00	\$50,442.71
622500B01	ARKANSAS	ALPHEA	LABORATORIES	LABORATORIES	RESEARCH OFFICE/LABORATORY	2001	1571	\$0.00	\$0.00	\$0.00
622500B02	ARKANSAS	ALPHEA	LABORATORIES	LABORATORY	GREENHOUSE 3	2001	1571	\$0.00	\$0.00	\$0.00
622500B03	ARKANSAS	ALPHEA	ALL OTHER	ALL OTHER	GREENHOUSE 4	2001	1571	\$0.00	\$0.00	\$0.00
622500B04	ARKANSAS	ALPHEA	ALL OTHER	ALL OTHER	GREENHOUSE 5	2001	1012	\$0.00	\$0.00	\$0.00
622500B05	ARKANSAS	ALPHEA	ALL OTHER	ALL OTHER	GREENHOUSE 6	2001	1872	\$0.00	\$0.00	\$0.00
622500B06	ARKANSAS	ALPHEA	ALL OTHER	ALL OTHER	GREENHOUSE 7	2001	1872	\$0.00	\$0.00	\$0.00
622500B07	ARKANSAS	ALPHEA	ALL OTHER	ALL OTHER	GREENHOUSE 8	2001	1872	\$0.00	\$0.00	\$0.00
622500B08	ARKANSAS	ALPHEA	ALL OTHER	ALL OTHER	GREENHOUSE 9	2001	1872	\$0.00	\$0.00	\$0.00
622500B09	ARKANSAS	ALPHEA	ALL OTHER	ALL OTHER	GENERATOR HOUSE	2001	1382	\$0.00	\$0.00	\$0.00
622500B10	ARKANSAS	ALPHEA	WAREHOUSES	STORAGE BUILDING	SOIL STORAGE	2002	1060	\$0.00	\$0.00	\$40,021.22
622500B11	ARKANSAS	ALPHEA	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING D	2002	1222	\$0.00	\$0.00	\$0.00
622500B12	ARKANSAS	ALPHEA	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING E	2002	1222	\$0.00	\$0.00	\$0.00
622500B01	ARKANSAS	ALPHEA	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING F	2002	1222	\$0.00	\$0.00	\$0.00
622500B02	ARKANSAS	ALPHEA	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING G	2002	1222	\$0.00	\$0.00	\$0.00
622500B03	ARKANSAS	ALPHEA	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING H	2001	1222	\$0.00	\$0.00	\$0.00
622500B04	ARKANSAS	ALPHEA	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING I	2002	1222	\$0.00	\$0.00	\$0.00
622500B05	ARKANSAS	ALPHEA	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING J	2002	1222	\$0.00	\$0.00	\$0.00
622500B06	ARKANSAS	ALPHEA	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING K	2002	1222	\$0.00	\$0.00	\$0.00
622500B07	ARKANSAS	ALPHEA	WAREHOUSES	SHED, STORAGE	EQUIPMENT SHED ATVS	2002	1060	\$0.00	\$0.00	\$0.00
622500B08	ARKANSAS	ALPHEA	ALL OTHER	FIRE STATION, RELATO BUILDINGS	FIRE STATION	2001	373	\$0.00	\$0.00	\$0.00
622500B09	ARKANSAS	ALPHEA	ALL OTHER	STORAGE BUILDING	WATER STORAGE TANK	2001	956	\$102,468.00	\$58,141.00	\$161,212.50
622500B10	ARKANSAS	ALPHEA	OFFICE	OFFICE	GREENHOUSE HALLWAY EAST	2001	1035	\$0.00	\$0.00	\$153,500.00
622500B11	ARKANSAS	ALPHEA	LABORATORIES	LABORATORIES	LABORATORY/OFFICE 1	1991	1794	\$15,720.01	\$124,831.79	\$140,551.80
622500B12	ARKANSAS	ALPHEA	LABORATORIES	RESEARCH OFFICE/LABORATORY	LABORATORY/OFFICE 1	1992	1420	\$51,504.92	\$81,966.19	\$81,966.19
622500B01	ARKANSAS	STUTTIGART	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY 2	1961	3420	\$27,743.89	\$30,461.32	\$27,743.89
622500B02	ARKANSAS	STUTTIGART	LABORATORIES	LABORATORY	WET LABORATORY 3	1961	2112	\$27,743.89	\$0.00	\$0.00

[illegible]

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	DN Critical	Diversity Measure	
									DN Non-Critical	DN Total
6235158010	NEW MEXICO	LAS CRUCES	FAMILY HOUSING	TRAILER, HOUSING	COVY QUARTERS 010	1979	1680	\$6,977.07	\$17,789.13	\$24,766.20
6235158011	NEW MEXICO	LAS CRUCES	FAMILY HOUSING	TRAILER, HOUSING	COVY QUARTERS 011	1976	980	\$4,069.36	\$6,801.78	\$10,871.14
6235158013	NEW MEXICO	LAS CRUCES	WAREHOUSES	CHEMICAL STORAGE	FUEL STORAGE BUILDING	1991	144	\$63.61	\$63.61	\$126.22
6235158026	NEW MEXICO	LAS CRUCES	WAREHOUSES	WAREHOUSES	MACHINE/TIRE SHOP	1938	4000	\$62,599.73	\$96,730.46	\$159,330.19
6235158034	NEW MEXICO	LAS CRUCES	WAREHOUSES	WAREHOUSES	FEED/SADDLE BLDG	1974	600	\$5,523.96	\$8,626.84	\$14,150.80
6235158037	NEW MEXICO	LAS CRUCES	WAREHOUSES	OFFICE	TURNKEY HOUSE	1938	1887	\$34,677.02	\$27,300.48	\$61,977.50
6235158038	NEW MEXICO	LAS CRUCES	WAREHOUSES	WAREHOUSES	WOOD SHOP	1976	2400	\$26,390.63	\$132,512.7	\$158,903.37
6235158059	NEW MEXICO	LAS CRUCES	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING T2	1966	320	\$2,764.05	\$50.00	\$2,814.05
6235158061	NEW MEXICO	LAS CRUCES	WAREHOUSES	STORAGE BUILDING	PLANT FACILITY T3	1968	768	\$6,633.72	\$10,563.72	\$17,197.44
6235158062	NEW MEXICO	LAS CRUCES	WAREHOUSES	STORAGE BUILDING	TOOL FACILITY T4	1982	1200	\$12,575.58	\$18,862.88	\$31,438.46
6235158063	NEW MEXICO	LAS CRUCES	WAREHOUSES	STORAGE BUILDING	PLANT FACILITY T5	1982	768	\$6,633.72	\$10,563.72	\$17,197.44
6235158065	NEW MEXICO	LAS CRUCES	WAREHOUSES	ALL OTHER	PERGOLA	1979	3600	\$12,352.11	\$19,765.63	\$32,117.74
6235158069	TEXAS	HOUSTON	LABORATORIES	LABORATORIES	CHILDREN'S NUTRITION	1979	3600	\$2,352.11	\$3,651.25	\$6,003.36
6250000001	MISSISSIPPI	STONEVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	401 LABS STORAGE	1986	197863	\$6,908.06	\$901,808.42	\$908,716.48
6402000801	MISSISSIPPI	STONEVILLE	LABORATORIES	LABORATORY	MAIN LAB 1	1971	103890	\$5,491.002	\$15,584,072.45	\$20,973,074.45
6402000802	MISSISSIPPI	STONEVILLE	LABORATORIES	SERVICE	GCECOLD STORAGE/MECH BLDG.	1971	9204	\$594,639.20	\$0.00	\$594,639.20
6402000803	MISSISSIPPI	STONEVILLE	LABORATORIES	LABORATORY	ENVIRONMENTAL CONTROL RES LAB	1971	1200	\$0.00	\$0.00	\$0.00
6402000804	MISSISSIPPI	STONEVILLE	WAREHOUSES	CHEMICAL STORAGE	SOLVENT & PESTICIDE STORAGE 4	1971	960	\$27,226.19	\$0.00	\$27,226.19
6402000805	MISSISSIPPI	STONEVILLE	ALL OTHER	HEADHOUSE	ENTOMOLOGY HEADHOUSE 5	1971	2468	\$34,311.35	\$1,654.45	\$35,965.80
6402000806	MISSISSIPPI	STONEVILLE	ALL OTHER	HEADHOUSE	COTTON PHYSIOLOGY HEADHOUSE 6	1971	9248	\$14,936.85	\$56,099.05	\$71,035.90
6402000807	MISSISSIPPI	STONEVILLE	WAREHOUSES	WAREHOUSES	WED RESEARCH HEADHOUSE 7	1971	9530	\$27,753.50	\$57,753.50	\$85,507.00
6402000808	MISSISSIPPI	STONEVILLE	WAREHOUSES	WAREHOUSES	WED RESEARCH HEADHOUSE 8	1971	9530	\$27,753.50	\$57,753.50	\$85,507.00
6402000809	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	ENTOMOLOGY STORAGE BLDG 9	1974	14400	\$79,547.22	\$3,542.94	\$83,090.16
6402000810	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	SOYBEAN RES/LAB BLDG 11	1974	1800	\$159.57	\$0.00	\$159.57
6402000811	MISSISSIPPI	STONEVILLE	LABORATORIES	LABORATORY	SOYBEAN LABORATORY STORAGE 12	1974	1200	\$2,396.23	\$17,875.97	\$20,272.20
6402000812	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	SOYBEAN SHOP & EQUIP STORAGE	1993	6000	\$776.16	\$0.00	\$776.16
6402000813	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	APRU ELECT/PHOTO LAB	1981	8010	\$37.83	\$46,353.25	\$46,391.08
6402000814	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	APRU ELECT/PHOTO LAB	1965	1410	\$11,778.21	\$2,457.54	\$14,235.75
6402000815	MISSISSIPPI	STONEVILLE	WAREHOUSES	WAREHOUSES	APRU MAIN SHOP BLDG	1960	5161	\$47,715.64	\$5,753.16	\$53,468.80
6402000816	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	APRU MAIN SHOP BLDG	1966	864	\$6,714.09	\$0.00	\$6,714.09
6402000817	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	EGRESS TOWER BUILDING 1A	1991	2500	\$12,133.95	\$8,766.17	\$20,900.12
6402000818	MISSISSIPPI	STONEVILLE	WAREHOUSES	LABORATORY	EGRESS TOWER BUILDING 1B	1991	2500	\$12,133.95	\$8,766.17	\$20,900.12
6402000819	MISSISSIPPI	STONEVILLE	WAREHOUSES	OFFICE	EGRESS TOWER LAB 21	1994	10545	\$41,831.98	\$135,091.80	\$176,923.78
6402000820	MISSISSIPPI	STONEVILLE	OFFICE	RESIDENCE 23	RESIDENCE 23	1984	1808	\$8,026.88	\$34,331.98	\$42,358.86
6402000821	MISSISSIPPI	STONEVILLE	FAMILY HOUSING	STORAGE BUILDING	COTTON SEED STORAGE BUILDING	1948	2567	\$23,574.25	\$0.00	\$23,574.25
6402000822	MISSISSIPPI	STONEVILLE	WAREHOUSES	SHED, STORAGE	COTTON SEED STORAGE BUILDING	1964	2880	\$23,610.69	\$0.00	\$23,610.69
6402000823	MISSISSIPPI	STONEVILLE	WAREHOUSES	ALL OTHER	MICRO-GINNING LAB 26	1969	4718	\$345,582.85	\$50.00	\$345,582.85
6402000824	MISSISSIPPI	STONEVILLE	SERVICE	SHOP	BRICK GIN SHOP & GIN LAB 37	1931	12203	\$47,428.20	\$79,736.40	\$127,164.60
6402000825	MISSISSIPPI	STONEVILLE	LABORATORIES	LABORATORY	GINNING & STORAGE 28	1939	4480	\$202,581.53	\$25,083.43	\$227,665.36
6402000826	MISSISSIPPI	STONEVILLE	LABORATORIES	LABORATORY	BRICK GIN LABORATORY 29	1946	6346	\$50,353.76	\$38,672.48	\$89,026.24
6402000827	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	QUONSET HUT 30	1982	1200	\$11,308.35	\$1,686.56	\$13,994.90
6402000828	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	QUONSET HUT 31	1982	1200	\$11,308.35	\$1,686.56	\$13,994.90
6402000829	MISSISSIPPI	STONEVILLE	WAREHOUSES	WAREHOUSES	STORAGE BLDG 31	1975	384	\$0.00	\$0.00	\$0.00
6402000832	MISSISSIPPI	STONEVILLE	WAREHOUSES	WAREHOUSES	CHILLER STORAGE 34	1975	280	\$5,104.91	\$0.00	\$5,104.91
6402000834	MISSISSIPPI	STONEVILLE	ALL OTHER	WATER SYSTEM BUILDING	WELL-HOUSE & PRESSURE PUMP BLDG	1980	250	\$8,196.88	\$2,665.99	\$10,862.88
6402000835	MISSISSIPPI	STONEVILLE	ALL OTHER	SHED, STORAGE	WALK IN COOLER SWSL	1980	320	\$16.47	\$14,174.31	\$14,190.78
6402000836	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG SWSL	1995	96	\$18.47	\$0.00	\$18.47
6402000837	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG SWSL	1995	360	\$0.00	\$0.00	\$0.00
6402000838	MISSISSIPPI	STONEVILLE	SERVICE	SHOP	STORAGE BLDG WEED CONTROL 40	1979	7680	\$1,092.96	\$0.00	\$1,092.96
6402000840	MISSISSIPPI	STONEVILLE	WAREHOUSES	CHEMICAL STORAGE	INSECTICIDE/PEST CONTROL SMIL	1983	2200	\$2,509.76	\$0.00	\$2,509.76
6402000841	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	INSECTICIDE/PEST CONTROL LAB 45	1984	1081	\$2,121.56	\$1,360.44	\$3,482.00
6402000842	MISSISSIPPI	STONEVILLE	LABORATORIES	LABORATORY	SOYBEAN LABORATORY BLDG 46	1987	12346	\$771,513.40	\$786,726.84	\$1,558,240.24
6402000843	MISSISSIPPI	STONEVILLE	WAREHOUSES	LABORATORY	CATFISH SHOP BLDG 47	1987	12346	\$63,755.05	\$17,869.35	\$81,624.40
6402000847	MISSISSIPPI	STONEVILLE	SERVICE	SHOP	CATFISH WORKSHOP	1987	1200	\$50.88	\$0.00	\$50.88
6402000848	MISSISSIPPI	STONEVILLE	SERVICE	SHOP	CATFISH WORKSHOP	1987	1200	\$50.88	\$0.00	\$50.88

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	Direct Maintenance		
								DM Critical	DM Non-Critical	DW Total
6402008049	MISSISSIPPI	STONEVILLE	SERVICE	SHOP	MAINTENANCE SHOP	1987	1274	\$65,187.75	\$18,269.89	\$83,457.63
6402008050	MISSISSIPPI	STONEVILLE	ALL OTHER	ALL OTHER	ATRU BLDG 50	1992	5220	\$65,040.91	\$50,843.76	\$115,884.67
6402008051	MISSISSIPPI	STONEVILLE	WAREHOUSES	WAREHOUSES	EXHIBITS STORAGE BLDG 51	1992	1254	\$0.00	\$8,759.30	\$8,759.30
6402008052	MISSISSIPPI	STONEVILLE	WAREHOUSES	SHED STORAGE	SHED STORAGE	1995	2125	\$0.00	\$0.00	\$0.00
6402008053	MISSISSIPPI	STONEVILLE	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE BLDG 51ML	1995	1452	\$0.00	\$0.00	\$0.00
6402008054	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	CATFISH STORAGE BLDG	1998	144	\$0.00	\$0.00	\$0.00
6402008055	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG. CGFRU	2001	288	\$0.00	\$0.00	\$0.00
6402008056	MISSISSIPPI	STONEVILLE	OFFICE	UTILITY BUILDING	UTILITY SHED CROP GENETICS	2002	216	\$0.00	\$6,029.63	\$6,029.63
6402008057	MISSISSIPPI	STONEVILLE	ALL OTHER	TRAILER, OFFICE	MODULAR OFFICE, BIOLAB PROJECT	2002	960	\$0.00	\$0.00	\$0.00
6402008058	MISSISSIPPI	STONEVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	PROCESSING BUILDING	1998	960	\$1,241.68	\$16,019.52	\$17,261.20
6402008059	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	RACEWAY TANK BLDG.	1998	2744	\$0.00	\$0.00	\$0.00
6402008060	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	LOC. SUPPORT STORAGE BLDG.	1998	160	\$0.00	\$0.00	\$0.00
6402008061	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	LOC. SUPPORT STORAGE BLDG.	1998	80	\$0.00	\$0.00	\$0.00
6402008062	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	SWRUR FARM STORAGE BLDG.	1992	840	\$1,354.32	\$4,381.52	\$5,735.84
6402008063	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	SWRUR FARM STORAGE BLDG.	1998	151	\$0.00	\$0.00	\$0.00
6402008064	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	APTRU FARM RESTROOM & STORAGE	1998	200	\$0.00	\$0.00	\$0.00
6402008065	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	QUARANTINE STORAGE BLDG.	2000	164	\$0.00	\$0.00	\$0.00
6402008066	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	QUARANTINE STORAGE BLDG.	2000	216	\$0.00	\$0.00	\$0.00
6402008067	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	DRIN STRGE BLDG. BTWN B61&B62	1999	216	\$0.00	\$0.00	\$0.00
6402008068	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	CGRU STORAGE BLDG.	2000	160	\$0.00	\$0.00	\$0.00
6402008069	MISSISSIPPI	STONEVILLE	WAREHOUSES	SHED, STORAGE	SHED	2000	319	\$0.00	\$0.00	\$0.00
6402008070	MISSISSIPPI	STONEVILLE	WAREHOUSES	SHED, STORAGE	COVERED SHED 6A	1975	1972	\$2,530.00	\$0.00	\$2,530.00
6402008071	MISSISSIPPI	ARCOLA	ALL OTHER	ALL OTHER	ACID DELINTING BLDG 6B	1975	3296	\$41,067.98	\$32,103.65	\$73,171.62
6402008072	MISSISSIPPI	STONEVILLE	OFFICE	GREENHOUSE	GREENHOUSE BAYS CGRP	2002	432	\$0.00	\$0.00	\$0.00
6402008073	MISSISSIPPI	STONEVILLE	LABORATORIES	LABORATORY, OFFICE	GREENHOUSE BAYS CGRP	2002	432	\$0.00	\$0.00	\$0.00
6402008074	MISSISSIPPI	STONEVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	APTRU MODULAR OFFICE/LAB	2004	1798	\$0.00	\$0.00	\$0.00
6402008075	MISSISSIPPI	STONEVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	CGRP MODULAR & OFFICE LAB	2004	1440	\$0.00	\$0.00	\$0.00
6402008076	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	APTRU MODULAR OFFICE/LAB	2004	1440	\$0.00	\$0.00	\$0.00
6402008077	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG 7A	1975	2000	\$1,917.52	\$0.00	\$1,917.52
6402008078	MISSISSIPPI	STONEVILLE	LABORATORIES	LABORATORY	STORAGE BLDG 7B	1995	5300	\$0.00	\$0.00	\$0.00
6402008079	MISSISSIPPI	JACKSON	LABORATORIES	LABORATORY	NBL LAB	2006	1312	\$1,850.86	\$0.00	\$1,850.86
6402008080	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	NEWATOLOGY LAB. TN	2004	1312	\$1,850.86	\$0.00	\$1,850.86
6402008081	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG BY QUARTINE 8A	1981	160	\$196.09	\$0.00	\$196.09
6402008082	MISSISSIPPI	STONEVILLE	WAREHOUSES	SHED, STORAGE	COVERED SHED 8B	1974	1023	\$1,917.52	\$0.00	\$1,917.52
6402008083	MISSISSIPPI	STONEVILLE	WAREHOUSES	SHED, STORAGE	COVERED SHED 10A	1979	2820	\$3,347.52	\$0.00	\$3,347.52
6402008084	MISSISSIPPI	STONEVILLE	SERVICE	SHOP	LOCATION LANDSCAPE SHOP	1997	800	\$218.20	\$285.69	\$503.89
6402008085	MISSISSIPPI	STONEVILLE	WAREHOUSES	SHED, STORAGE	COVERED SHED 12A	1982	160	\$0.00	\$0.00	\$0.00
6402008086	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	ELEVATED TRASH HOUSE 21B	1966	200	\$1,554.19	\$0.00	\$1,554.19
6402008087	MISSISSIPPI	STONEVILLE	WAREHOUSES	SHED, STORAGE	SHED 21C	1966	640	\$6,087.84	\$0.00	\$6,087.84
6402008088	MISSISSIPPI	STONEVILLE	WAREHOUSES	GARAGE	GARAGE 23A	1985	325	\$3,095.26	\$342.97	\$3,438.22
6402008089	MISSISSIPPI	STONEVILLE	WAREHOUSES	STORAGE BUILDING	ELEVATED SEED HOUSE 24A	1948	200	\$2,509.71	\$199.36	\$2,709.07
6402008090	MISSISSIPPI	STONEVILLE	WAREHOUSES	SHED, STORAGE	SHED 24B	1980	1970	\$6,454.08	\$0.00	\$6,454.08
6402008091	MISSISSIPPI	STONEVILLE	WAREHOUSES	SHED, STORAGE	COVERED SHED 40A	1980	1970	\$6,454.08	\$0.00	\$6,454.08
6402008092	MISSISSIPPI	STONEVILLE	OFFICE	TRAILER, OFFICE	COVERED SHED 40B	1982	1512	\$454.08	\$0.00	\$454.08
6402008093	MISSISSIPPI	STONEVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	LAB OFFICE (TRAILER) 42A	1993	840	\$5,959.22	\$0.00	\$5,959.22
6402008094	MISSISSIPPI	STONEVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	CROP GENETICS RESEARCH UNIT	2002	3338	\$2,112.00	\$0.00	\$2,112.00
6402008095	MISSISSIPPI	STONEVILLE	OFFICE	TRAILER, OFFICE	CATFISH OFFICE TRAILER	1994	480	\$3,405.27	\$2,004.54	\$5,409.81
6402008096	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 5-61	1971	2741	\$29,432.16	\$260,444.16	\$289,876.32
6402008097	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 5-62	1971	2741	\$29,432.16	\$260,444.16	\$289,876.32
6402008098	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-61	1972	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008099	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-62	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008100	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-63	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008101	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008102	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008103	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008104	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008105	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008106	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008107	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008108	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008109	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008110	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008111	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008112	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008113	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008114	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008115	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008116	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008117	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008118	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008119	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008120	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008121	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008122	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008123	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008124	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008125	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008126	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008127	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008128	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008129	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008130	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008131	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008132	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008133	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008134	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008135	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008136	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008137	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008138	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008139	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008140	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008141	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008142	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008143	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008144	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008145	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008146	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008147	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 6-64	1974	1981	\$15,707.52	\$189,907.20	\$205,614.72
6402008148	MISSISSIPPI	STONEVILLE	ALL OTHER							

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Overall Maintenance		DM Total
								DM Critical	DM Non-Critical	
640200761	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 7-G1	1971	3844	\$28,432.16	\$389,167.84	\$11,580.00
640200762	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 7-G2	1971	3844	\$28,432.16	\$389,167.84	\$11,580.00
640200763	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 7-G3	1971	3844	\$28,432.16	\$389,167.84	\$11,580.00
640200764	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 8-G1	1977	2368	\$28,432.16	\$284,166.40	\$273,558.56
640200765	MISSISSIPPI	STONEVILLE	ALL OTHER	GREENHOUSE	GREENHOUSE 8-G2	1978	525	\$13,800.00	\$64,127.00	\$64,287.00
640400801	MISSISSIPPI	POPLARVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB 1	1969	2800	\$30,047.07	\$7,850.00	\$37,897.07
640400802	MISSISSIPPI	POPLARVILLE	LABORATORIES	LAB/SUPPORT 2	LAB/SUPPORT 2	1970	1215	\$56,605.54	\$18,623.90	\$73,229.44
640400803	MISSISSIPPI	POPLARVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GLASS GREENHOUSE 4	1970	1968	\$22,118.80	\$26,536.23	\$48,654.43
640400804	MISSISSIPPI	POPLARVILLE	LABORATORIES	GREENHOUSE	GLASS GREENHOUSE 5	1960	800	\$140.31	\$23,095.64	\$23,235.95
640400805	MISSISSIPPI	POPLARVILLE	LABORATORIES	GREENHOUSE	GLASS GREENHOUSE 6	1978	1200	\$15,465.97	\$20,000.00	\$35,465.97
640400806	MISSISSIPPI	POPLARVILLE	LABORATORIES	GREENHOUSE	GLASS GREENHOUSE 7	1978	1200	\$15,465.97	\$20,000.00	\$35,465.97
640400807	MISSISSIPPI	POPLARVILLE	WAREHOUSES	SHED, STORAGE	TRACTOR SHED 7	1978	2280	\$2,716.03	\$168,000.00	\$170,716.03
640400808	MISSISSIPPI	POPLARVILLE	OFFICE	OFFICE	STORAGE & OFFICES	1979	804	\$6,357.93	\$3,743.32	\$10,101.25
640400809	MISSISSIPPI	POPLARVILLE	ALL OTHER	CHEMICAL STORAGE	PROPAGATION SHED 9	1998	480	\$606.62	\$7,826.36	\$8,432.98
640400810	MISSISSIPPI	POPLARVILLE	WAREHOUSES	STORAGE BUILDING	FERTILIZATION SHED 10	1979	400	\$459.61	\$0.00	\$459.61
640400811	MISSISSIPPI	POPLARVILLE	WAREHOUSES	STORAGE BUILDING	METAL QUINCY BLDG NORTH 11	1983	600	\$740.65	\$0.00	\$740.65
640400812	MISSISSIPPI	POPLARVILLE	ALL OTHER	GREENHOUSE	SOUTH QUINCY BLDG SOUTH 12	1983	600	\$740.65	\$0.00	\$740.65
640400813	MISSISSIPPI	POPLARVILLE	ALL OTHER	GREENHOUSE	SW FIBERGLASS GREENHOUSE 13	1983	1232	\$39,268.35	\$0.00	\$39,268.35
640400814	MISSISSIPPI	POPLARVILLE	ALL OTHER	GREENHOUSE	SE FIBERGLASS GREENHOUSE 14	1983	1232	\$39,268.35	\$0.00	\$39,268.35
640400815	MISSISSIPPI	POPLARVILLE	ALL OTHER	PUMPHOUSE	IRRIGATION PUMP SHED 15	1985	1200	\$22,131.50	\$50,000.00	\$72,131.50
640400816	MISSISSIPPI	POPLARVILLE	ALL OTHER	SCREENHOUSE	SHADE HOUSE NORTH 16	1986	1200	\$22,131.50	\$50,000.00	\$72,131.50
640400817	MISSISSIPPI	POPLARVILLE	ALL OTHER	SCREENHOUSE	MAINTENANCE SHED 19	1989	1440	\$390.38	\$509.84	\$899.22
640400818	MISSISSIPPI	POPLARVILLE	WAREHOUSES	SHED, STORAGE	TRACTOR SHED STONE COUNTY 20	1986	960	\$290.38	\$0.00	\$290.38
640400819	MISSISSIPPI	POPLARVILLE	LABORATORIES	LABORATORY	PAST HARVEST LAB BLDG 21	1993	1440	\$3,817.48	\$6,449.01	\$10,266.49
640400821	MISSISSIPPI	POPLARVILLE	LABORATORIES	LABORATORY	PATHOLOGY BLDG	1996	1080	\$2,863.11	\$4,836.75	\$7,699.87
640400822	MISSISSIPPI	POPLARVILLE	LABORATORIES	LABORATORY	ENTOMOLOGY BLDG	2000	1800	\$2,549.93	\$0.00	\$2,549.93
640400823	MISSISSIPPI	POPLARVILLE	LABORATORIES	SCREENHOUSE	SCREENHOUSE #1	1997	2880	\$0.00	\$0.00	\$0.00
640400824	MISSISSIPPI	POPLARVILLE	LABORATORIES	SCREENHOUSE	SCREENHOUSE #2	1997	2880	\$0.00	\$0.00	\$0.00
640400825	MISSISSIPPI	POPLARVILLE	LABORATORIES	SCREENHOUSE	SCREENHOUSE #3	2000	2880	\$0.00	\$0.00	\$0.00
640400826	MISSISSIPPI	POPLARVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	MODULAR BLDG #1	2001	1440	\$909.79	\$0.00	\$909.79
640400827	MISSISSIPPI	POPLARVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	MODULAR BLDG #2	2001	1440	\$909.79	\$0.00	\$909.79
640400828	MISSISSIPPI	POPLARVILLE	LABORATORIES	RESEARCH OFFICE/LABORATORY	MODULAR BLDG #3	2001	1440	\$909.79	\$0.00	\$909.79
640400829	MISSISSIPPI	POPLARVILLE	LABORATORIES	SCREENHOUSE	STORAGE BLDG #3	2000	1440	\$0.00	\$0.00	\$0.00
640400830	MISSISSIPPI	POPLARVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG & RESTROOM	1999	512	\$0.00	\$0.00	\$0.00
640400831	MISSISSIPPI	POPLARVILLE	WAREHOUSES	STORAGE BUILDING	RESTROOM & STORAGE	2001	288	\$0.00	\$0.00	\$0.00
640400832	MISSISSIPPI	POPLARVILLE	ALL OTHER	SHED, STORAGE	PROPAGATION SHED STONE CO.	2002	480	\$606.62	\$7,826.36	\$8,432.98
640400833	MISSISSIPPI	POPLARVILLE	ALL OTHER	SHED, STORAGE	TRACTOR SHED, STONE CO.	2002	1000	\$0.00	\$0.00	\$0.00
640400834	MISSISSIPPI	POPLARVILLE	WAREHOUSES	SHED, STORAGE	ORNAIMENTAL GREENHOUSE #1	2002	720	\$0.00	\$0.00	\$0.00
640400835	MISSISSIPPI	POPLARVILLE	WAREHOUSES	SHED, STORAGE	ORNAIMENTAL GREENHOUSE #2	2002	720	\$0.00	\$0.00	\$0.00
640400836	MISSISSIPPI	POPLARVILLE	ALL OTHER	GREENHOUSE	HARNED BLDG. LABS & OFFICES 1	1962	35604	\$485,193.24	\$178,203.12	\$2,757,854.36
640600001	MISSISSIPPI STATE	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/GREENHOUSE	HEADHOUSE/GREENHOUSE 2	1962	6760	\$58,155.36	\$2,066,015.32	\$2,124,170.68
640600002	MISSISSIPPI STATE	MISSISSIPPI STATE	LABORATORIES	GREENHOUSE	GREENHOUSE #3	1962	2112	\$352.08	\$62,395.92	\$62,748.00
640600003	MISSISSIPPI STATE	MISSISSIPPI STATE	LABORATORIES	GREENHOUSE	GREENHOUSE #4	1962	2112	\$352.08	\$62,395.92	\$62,748.00
640600004	MISSISSIPPI STATE	MISSISSIPPI STATE	SERVICE	SHED	SHED 5	1962	6062	\$73,949.92	\$11,001.76	\$84,951.68
640600005	MISSISSIPPI STATE	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	STORAGE 6	1965	500	\$1,932.03	\$4,474.30	\$6,406.33
640600006	MISSISSIPPI STATE	MISSISSIPPI STATE	WAREHOUSES	SHED, STORAGE	SHED/STORAGE 7	1971	1940	\$26,319.60	\$26,319.60	\$52,639.20
640600007	MISSISSIPPI STATE	MISSISSIPPI STATE	WAREHOUSES	SHED, STORAGE	IMPLEMENT SHED 7	1966	1940	\$26,319.60	\$26,319.60	\$52,639.20
640600008	MISSISSIPPI STATE	MISSISSIPPI STATE	LABORATORIES	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE 9	1966	9726	\$187,121.88	\$187,121.88	\$374,243.76
640600009	MISSISSIPPI STATE	MISSISSIPPI STATE	LABORATORIES	LABORATORY	LABORATORY 10	1966	3200	\$28,846.40	\$28,846.40	\$57,692.80
640600010	MISSISSIPPI STATE	MISSISSIPPI STATE	LABORATORIES	LABORATORY	CIMATE CHAMBER 13	1966	3200	\$28,846.40	\$28,846.40	\$57,692.80
640600011	MISSISSIPPI STATE	MISSISSIPPI STATE	LABORATORIES	LABORATORY	ENVIRONMENTAL CHAMBER 14	1967	3200	\$13,675.52	\$1,270.78	\$14,946.30
640600012	MISSISSIPPI STATE	MISSISSIPPI STATE	SERVICE	SHED	SHED 15	1965	2400	\$6,440.57	\$11,112.02	\$17,552.59
640600013	MISSISSIPPI STATE	MISSISSIPPI STATE	SERVICE	FEED MILL, SERVICE	FEED MILL, SERVICE	1965	2400	\$6,440.57	\$11,112.02	\$17,552.59
640600014	MISSISSIPPI STATE	MISSISSIPPI STATE	SERVICE	FEED MILL, SERVICE	FEED MILL, SERVICE	1970	1200	\$4,471.83	\$16,090.31	\$20,562.14

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	DM Critical	Differences, Minus, Max	
									DM Non-Critical	DM Total
640600017	MISSISSIPPI	MISSISSIPPI STATE	SERVICE	SHOP	INCINERATOR SHED 17	1974	437	\$9,288.40	\$7,107.40	\$16,395.80
640600018	MISSISSIPPI	MISSISSIPPI STATE	ALL OTHER	ALL OTHER	INCINERATOR SHED 18	1974	400	\$78.31	\$0.00	\$78.31
640600019	MISSISSIPPI	MISSISSIPPI STATE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	POULTRY HOUSE A 19	1966	3251	\$139.32	\$6,490.80	\$6,630.12
640600020	MISSISSIPPI	MISSISSIPPI STATE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	POULTRY HOUSE B 20	1966	3251	\$139.32	\$0.00	\$139.32
640600021	MISSISSIPPI	MISSISSIPPI STATE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	POULTRY HOUSE C 21	1966	3251	\$123.24	\$8,202.60	\$10,365.84
640600022	MISSISSIPPI	MISSISSIPPI STATE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	POULTRY HOUSE D 22	1966	3251	\$139.32	\$567.00	\$706.32
640600023	MISSISSIPPI	MISSISSIPPI STATE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	EGG BUILDING 23	1974	180	\$23.76	\$0.00	\$23.76
640600024	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	STORAGE (NORTH FARM) 24	1963	600	\$13,382.60	\$10,267.20	\$23,649.80
640600025	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	SHOP (NORTH FARM) 25	1965	1500	\$5,275.36	\$1,669.66	\$6,945.01
640600026	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	LABORATORY	POULTRY HOUSE F 26	1979	1200	\$3,545.36	\$7,659.36	\$11,204.72
640600027	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	LABORATORY	POULTRY HOUSE F 27	1979	1200	\$3,545.36	\$7,659.36	\$11,204.72
640600028	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	LABORATORY	HEADHOUSE/GREENHOUSE 28	1980	2650	\$57,180.50	\$5,632.20	\$62,812.70
640600029	MISSISSIPPI	MISSISSIPPI STATE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	HEADHOUSE/GREENHOUSE 29	1980	2650	\$532.13	\$0.00	\$532.13
640600030	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	SHED, STORAGE	IMPLEMENT SHED 30	1981	6480	\$30,767.56	\$8,511.48	\$39,279.04
640600031	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	LABORATORY	POULTRY HOUSE G 31	1984	3300	\$32,182.44	\$0.00	\$32,182.44
640600032	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	LABORATORY	POULTRY OFFICE 32	1984	2947	\$1,215.81	\$0.00	\$1,215.81
640600033	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	LABORATORY	OFFICE/RECEIVING 33	1984	2400	\$8,070.91	\$1,905.50	\$9,976.41
640600034	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	STORAGE 34	1985	2400	\$29,156.60	\$9,745.45	\$38,902.05
640600035	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE 35	1978	2000	\$3,509.44	\$0.00	\$3,509.44
640600036	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	HEADHOUSE/GREENHOUSE	CORN LAB 36 (North Farm) 36	1978	2000	\$3,509.44	\$0.00	\$3,509.44
640600037	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	HEADHOUSE/GREENHOUSE	CHEMICAL STORAGE 40	1978	1150	\$252.88	\$0.00	\$252.88
640600038	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	HEADHOUSE/GREENHOUSE	CHEMICAL STORAGE 40	1997	2000	\$71.00	\$0.00	\$71.00
640600039	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	SLAINGHS BLDG., POULTRY	2004	2000	\$0.00	\$0.00	\$0.00
640600040	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	POULTRY OFFICE/LAB	2004	2200	\$0.00	\$3,138.48	\$3,138.48
640600041	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	ALL OTHER	RECEIVING BUILDING	2004	400	\$0.00	\$0.00	\$0.00
640600042	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	INSECT FACILITY	INSECT REARING 10A	1983	1225	\$7,899.43	\$0.00	\$7,899.43
640600043	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	SEED STORAGE NO. 10B	1983	1225	\$12,745.24	\$15,266.88	\$28,012.12
640600044	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	HEADHOUSE ANNEX 28A	1983	2400	\$6,872.04	\$33,128.00	\$40,000.04
640600045	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 28B	1982	2760	\$10,781.64	\$829.44	\$11,611.08
640600046	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 28C	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600047	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 28D	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600048	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 28E	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600049	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 28F	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600050	MISSISSIPPI	MISSISSIPPI STATE	WAREHOUSES	STORAGE BUILDING	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600051	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600052	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600053	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600054	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600055	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600056	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600057	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600058	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600059	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600060	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600061	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600062	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600063	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600064	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600065	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600066	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600067	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600068	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600069	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600070	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600071	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600072	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600073	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600074	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600075	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600076	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600077	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600078	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600079	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600080	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600081	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600082	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600083	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600084	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600085	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600086	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600087	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600088	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600089	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600090	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600091	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600092	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600093	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600094	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600095	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600096	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600097	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600098	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600099	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600100	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600101	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600102	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600103	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600104	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600105	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600106	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600107	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600108	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600109	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600110	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600111	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600112	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600113	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600114	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600115	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G	1984	140	\$8,370.00	\$829.44	\$9,199.44
640600116	MISSISSIPPI	MISSISSIPPI STATE	LABORATORIES	RESEARCH OFFICE/LABORATORY	GREENHOUSE 29G					

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Disposal Method			DM Total
								DM Critical	DM Non-Critical	DM Non-Critical	
641200B055	LOUISIANA	HOLMA	LABORATORIES	RESEARCH OFFICE/LABORATORY	LABORATORY	2004	2100	\$0.00	\$2,777.54	\$2,777.54	
641320B002	LOUISIANA	BATON ROUGE	LABORATORIES	RESEARCH OFFICE/LABORATORY	LABORATORY	1980	567,000	\$67,000.00	\$67,000.00	\$67,000.00	
641320B005	LOUISIANA	BATON ROUGE	LABORATORIES	GREENHOUSE	GREENHOUSE 2	1980	2240	\$358.64	\$63,452.97	\$63,811.61	
641320B006	LOUISIANA	BATON ROUGE	LABORATORIES	SHOP	SHOP/STORAGE 5	1978	5400	\$11,312.68	\$933.71	\$11,636.38	
641320B008	LOUISIANA	BATON ROUGE	WAREHOUSES	TRAILER, OFFICE	MODULAR OFFICE BLDG. ST. GABRIEL	1999	312	\$0.00	\$0.00	\$0.00	
641320B013	LOUISIANA	BATON ROUGE	WAREHOUSES	HAZMAT FACILITY	HOLMA STORAGE SOIL & WATER	1990	100	\$2,70.25	\$0.00	\$2,70.25	
641320B019	LOUISIANA	BATON ROUGE	WAREHOUSES	ALL OTHER	SOIL GRINDING STORAGE 18	1986	360	\$2,377.35	\$0.00	\$2,377.35	
641320B021	LOUISIANA	BATON ROUGE	WAREHOUSES	SHED, STORAGE	STORAGE SHED SOIL & WATER	1985	120	\$0.00	\$0.00	\$0.00	
641320B024	LOUISIANA	BATON ROUGE	WAREHOUSES	OFFICE	ADM OFFICE BLDG 23	1999	1000	\$7,152.93	\$4,210.62	\$11,363.54	
641320B026	LOUISIANA	BATON ROUGE	WAREHOUSES	CHEMICAL STORAGE	OL STORAGE BLDG 24	1993	512	\$1,383.86	\$0.00	\$1,383.86	
641320B028	LOUISIANA	BATON ROUGE	WAREHOUSES	FACTORY BUILDING	FACTORY BUILDING	2001	4988	\$0.00	\$0.00	\$0.00	
641320B030	LOUISIANA	BATON ROUGE	WAREHOUSES	SHOP	WATERWORKS BLDG 05	2001	4988	\$37,111.00	\$4,155.00	\$41,266.00	
641320B036	LOUISIANA	BATON ROUGE	WAREHOUSES	SHOP	STORAGE BLDG 10	1986	240	\$981.30	\$4,141.03	\$5,122.33	
641320B039	LOUISIANA	BATON ROUGE	WAREHOUSES	LABORATORY	LAB/OFFICE 11	1969	6285	\$134,527.30	\$31,407.12	\$165,934.63	
641320B041	LOUISIANA	BATON ROUGE	WAREHOUSES	RESEARCH OFFICE/LABORATORY	INSECT FACILITY	1969	1200	\$17,219.48	\$0.00	\$17,219.48	
641320B042	LOUISIANA	BATON ROUGE	WAREHOUSES	ALL OTHER	ALL OTHER	1974	3980	\$279,523.93	\$0.00	\$279,523.93	
641320B043	LOUISIANA	BATON ROUGE	WAREHOUSES	LABORATORY	LAB/STORAGE BLDG 13	1978	2145	\$3,650.43	\$0.00	\$3,650.43	
641320B044	ALABAMA	BATON ROUGE	WAREHOUSES	LABORATORY	LAB/STORAGE/SHOP 01	1934	7106	\$3,925.61	\$0.00	\$3,925.61	
641320B045	ALABAMA	BATON ROUGE	WAREHOUSES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB/STORAGE, 02	1941	3109	\$29,960.17	\$29,035.52	\$58,995.72	
641320B046	ALABAMA	BATON ROUGE	WAREHOUSES	RESEARCH OFFICE/LABORATORY	LAB/STORAGE/STORAGE, 03	1963	9746	\$138,427.24	\$0.00	\$138,427.24	
64200B0004	ALABAMA	AUBURN	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG 04	1970	1700	\$392,288.99	\$0.00	\$392,288.99	
64200B0005	ALABAMA	AUBURN	WAREHOUSES	SHOP	EQUIPMENT SERVICE 05	1966	528	\$205.05	\$37,788.95	\$38,000.00	
64200B0006	ALABAMA	AUBURN	WAREHOUSES	GREENHOUSE	GREENHOUSE 06	1968	558	\$48,601.91	\$0.00	\$48,601.91	
64200B0006	ALABAMA	AUBURN	WAREHOUSES	STORAGE BUILDING	EQUIP/STORAGE/SAMPLE PREP	1999	2800	\$0.00	\$0.00	\$0.00	
64200B0007	ALABAMA	AUBURN	WAREHOUSES	STORAGE BUILDING	EQUIP / STORAGE 08	2004	4800	\$0.00	\$0.00	\$0.00	
64200B0008	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB 50	1971	12355	\$363,096.31	\$87,686.65	\$390,782.97	
64200B0051	ALABAMA	AUBURN	WAREHOUSES	LABORATORY	OUTSIDE LAB SPACE 51	1973	1270	\$2,713.52	\$20,242.99	\$2,956.51	
64200B0052	ALABAMA	AUBURN	WAREHOUSES	LABORATORY	OUTSIDE WET LAB	1938	135	\$31.58	\$24,228.41	\$24,259.99	
64200B0053	ALABAMA	AUBURN	WAREHOUSES	TRAILER, OFFICE	OFFICE TRAILER	1999	1116	\$0.00	\$0.00	\$0.00	
64200B0054	ALABAMA	AUBURN	WAREHOUSES	LABORATORY	OFFICE BLDG 65	1940	278	\$45.02	\$34,541.02	\$34,586.04	
64200B0055	ALABAMA	AUBURN	WAREHOUSES	LABORATORY	FISH EXPERIMENT BLDG 66	1973	576	\$45.33	\$34,541.02	\$34,586.04	
64200B0056	ALABAMA	AUBURN	WAREHOUSES	ALL OTHER	FISH EXPERIMENT BLDG 57	1940	400	\$59.91	\$45,965.80	\$46,026.71	
64200B0057	ALABAMA	AUBURN	WAREHOUSES	ALL OTHER	NUTRITION EXPERIMENT 58	1940	400	\$59.91	\$45,965.80	\$46,026.71	
64200B0058	ALABAMA	AUBURN	WAREHOUSES	ALL OTHER	NUTRITION EXPERIMENT (FISH BLDG 59	1940	400	\$59.91	\$45,965.80	\$46,026.71	
64200B0059	ALABAMA	AUBURN	WAREHOUSES	ALL OTHER	NUTRITION EXPERIMENT (FISH BLDG 59	1940	400	\$59.91	\$45,965.80	\$46,026.71	
64200B0060	ALABAMA	AUBURN	WAREHOUSES	ALL OTHER	FISH HOLDING BLDG 60	1941	640	\$95.85	\$73,546.89	\$73,642.74	
64200B0061	ALABAMA	AUBURN	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	FISH STORAGE BLDG 61	1938	304	\$64.53	\$34,934.77	\$34,980.30	
64200B0062	ALABAMA	AUBURN	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	FISH HOLDING/EXPERIMENT BLDG 62	1938	250	\$37.44	\$28,726.25	\$28,766.70	
64200B0063	ALABAMA	AUBURN	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	FISH HOLDING/EXPERIMENT 63	1938	304	\$64.53	\$34,934.77	\$34,980.30	
64200B0064	ALABAMA	AUBURN	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	FISH EXPERIMENT/STORAGE BLDG 64	1938	304	\$64.53	\$34,934.77	\$34,980.30	
64200B0065	ALABAMA	AUBURN	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	SHOP	1973	576	\$740.30	\$740.30	\$740.30	
64200B0066	ALABAMA	AUBURN	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	FISH EXPERIMENT BLDG 66	1971	460	\$2,979.70	\$24,238.48	\$27,218.18	
64200B0067	ALABAMA	AUBURN	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	FISH HOLDING BLDG 67	1971	460	\$2,979.70	\$24,238.48	\$27,218.18	
64200B0068	ALABAMA	AUBURN	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	CAT BARN 68	1978	2000	\$5,920.67	\$5,920.67	\$5,920.67	
64200B0069	ALABAMA	AUBURN	WAREHOUSES	ANIMAL FACILITY, ALL OTHER	GOAT HOLDING SHED/HORRALD 69	1983	240	\$1,918.52	\$0.00	\$1,918.52	
64200B0070	ALABAMA	AUBURN	WAREHOUSES	BARN, STORAGE	GRAY BARN (FISH/COILING) 70	1990	1200	\$24,517.51	\$0.00	\$24,517.51	
64200B0071	ALABAMA	AUBURN	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG 71	1975	1200	\$2,310.85	\$18,506.68	\$20,817.53	
64200B0072	ALABAMA	AUBURN	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG 72	1975	460	\$59.91	\$16,166.32	\$16,865.23	
64200B0073	ALABAMA	AUBURN	WAREHOUSES	TRAILER, OFFICE	MODULAR ADMIN. OFFICE BLDG.	2003	1440	\$0.00	\$0.00	\$0.00	
64200B0074	ALABAMA	AUBURN	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING	1999	256	\$0.00	\$0.00	\$0.00	
64200B0075	ALABAMA	AUBURN	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING	1999	256	\$0.00	\$0.00	\$0.00	
64200B0084	ALABAMA	AUBURN	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING	1999	256	\$0.00	\$0.00	\$0.00	
64200B0085	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID STROG SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0086	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	EQUIP. LABORATORY PILOT PLANT	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0087	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0088	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0089	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0090	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0091	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0092	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0093	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0094	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0095	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0096	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0097	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0098	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0099	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0100	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0101	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0102	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0103	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0104	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0105	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0106	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0107	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0108	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0109	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0110	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0111	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0112	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0113	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0114	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0115	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0116	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0117	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0118	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0119	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0120	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0121	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0122	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0123	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0124	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0125	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0126	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0127	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0128	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0129	ALABAMA	AUBURN	WAREHOUSES	RESEARCH OFFICE/LABORATORY	FLAMMABLE LIQUID PILOT SHED 65	1981	70	\$31.36	\$4,975,089.39	\$4,975,089.39	
64200B0130	ALABAMA	AUBURN	WAREHOUSES</								

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	DM Critical	Overall Maintenance	
									DM Non-Critical	DM Total
6435008002	LOUISIANA	NEW ORLEANS	ALL OTHER	UTILITY BUILDING	SERVICE BLDG./ROLLER BEING PLNT	1941	10136	\$913,789.52	\$30,751.83	\$944,542.35
6435008003	LOUISIANA	NEW ORLEANS	WAREHOUSES	CHEMICAL STORAGE	SOLVENT STORAGE BLDG. 31	1941	191	\$1,194.00	\$0.00	\$1,194.00
6435008005	LOUISIANA	NEW ORLEANS	WAREHOUSES	HAZMAT FACILITY	RADIOLOGY/LAB/MATERIAL SOLVENT	1945	400	\$3,484.77	\$30,817.88	\$34,302.65
6435008013	LOUISIANA	NEW ORLEANS	ALL OTHER	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE COMPLEX	1981	10210	\$69,806.24	\$6,874.81	\$76,681.05
6435008014	LOUISIANA	NEW ORLEANS	WAREHOUSES	STORAGE BUILDING	COTTON STORAGE BLDG.	1985	7200	\$63,973.18	\$7,088.50	\$71,061.67
6435008015	LOUISIANA	NEW ORLEANS	WAREHOUSES	WASTE FACILITY	GLONEST HUT WASTE ACCUM. FACIL	1988	2200	\$228.68	\$0.00	\$228.68
6435008017	LOUISIANA	NEW ORLEANS	WAREHOUSES	CHEMICAL STORAGE	CHEMICAL STORAGE	1988	12150	\$3,034.06	\$5,125.55	\$8,159.61
6435008018	LOUISIANA	NEW ORLEANS	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG. PSTRU	2000	240	\$1,130.03	\$0.00	\$1,130.03
6435008021	LOUISIANA	NEW ORLEANS	WAREHOUSES	STORAGE BUILDING	STORAGE BLDG. PSTRU	2000	240	\$1,130.03	\$0.00	\$1,130.03
6435008022	LOUISIANA	NEW ORLEANS	WAREHOUSES	STORAGE BUILDING	PORTABLE BLDG. (FSTRU)	1979	30420	\$596,200.96	\$119,310.00	\$715,560.96
6435008023	LOUISIANA	NEW ORLEANS	LABORATORIES	RESEARCH OFFICE/LABORATORY	TEXTILE BLDG. LABS/OFFICES	2002	600	\$0.00	\$0.00	\$0.00
6435008024	LOUISIANA	NEW ORLEANS	OFFICE	OFFICE	ADMIN BLDG.	2004	1440	\$10,440.76	\$6,146.02	\$16,586.79
6435008025	LOUISIANA	BOWLING GREEN	LABORATORIES	RESEARCH OFFICE/LABORATORY	RESEARCH OFFICE/LABORATORY	2004	2100	\$0.00	\$3,098.32	\$3,098.32
6445008001	KENTUCKY	BOWLING GREEN	LABORATORIES	RESEARCH OFFICE/LABORATORY	WATER & AIR QUALITY LAB	2004	2100	\$0.00	\$3,098.32	\$3,098.32
6445008002	KENTUCKY	BOWLING GREEN	LABORATORIES	LABORATORY	LABORATORY	2005	1960	\$0.00	\$0.00	\$0.00
6445008003	KENTUCKY	BOWLING GREEN	LABORATORIES	LABORATORY	LABORATORY	1962	19517	\$817,505.88	\$178,892.59	\$996,398.47
6445008004	KENTUCKY	BOWLING GREEN	LABORATORIES	LABORATORY	LABORATORY	1962	4352	\$52,222.82	\$7,769.35	\$59,992.17
6445008005	KENTUCKY	BOWLING GREEN	LABORATORIES	LABORATORY	LABORATORY	1962	10857	\$333,924.18	\$33,924.18	\$367,848.36
6445008006	KENTUCKY	BOWLING GREEN	LABORATORIES	LABORATORY	LABORATORY	1962	10857	\$333,924.18	\$33,924.18	\$367,848.36
6460208002	GEORGIA	TIFFIN	ALL OTHER	HEADHOUSE/GREENHOUSE	SEED COATING/STORAGE 4	2002	1800	\$30,616.00	\$0.00	\$30,616.00
6460208003	GEORGIA	TIFFIN	ALL OTHER	INSECT FACILITY	INSECT REARING	1962	168	\$1,628.24	\$14,390.47	\$16,018.71
6460208004	GEORGIA	TIFFIN	WAREHOUSES	STORAGE BUILDING	VOLATILE SOLVENT STORAGE SHED 7	1965	1280	\$36,120.68	\$0.00	\$36,120.68
6460208006	GEORGIA	TIFFIN	WAREHOUSES	CHEMICAL STORAGE	INSECTARY/FIELD LAB 8	1965	2282	\$8,852.97	\$970.06	\$9,823.03
6460208007	GEORGIA	TIFFIN	WAREHOUSES	LABORATORY	INSECT FACILITY	1972	800	\$3,613.75	\$23,110.75	\$26,724.50
6460208013	GEORGIA	TIFFIN	ALL OTHER	INSECT FACILITY	EQUIPMENT STORAGE 13	1974	400	\$19,475.49	\$0.00	\$19,475.49
6460208015	GEORGIA	TIFFIN	ALL OTHER	INSECT FACILITY	INSECT REARING 15	1974	400	\$19,475.49	\$0.00	\$19,475.49
6460208016	GEORGIA	TIFFIN	OFFICE	OFFICE	SEWRLT/PLANT ADMINISTRATION	1960	13040	\$245,664.13	\$75,000.46	\$320,664.59
6460208017	GEORGIA	TIFFIN	LABORATORIES	LABORATORY	SEWRLT/HYDRAULICS LAB 17	1966	5022	\$19,040.07	\$32,238.89	\$51,278.96
6460208018	GEORGIA	TIFFIN	WAREHOUSES	SEED STORAGE	SEWRLT/HYDRAULICS LAB 18	1966	5022	\$19,040.07	\$32,238.89	\$51,278.96
6460208019	GEORGIA	TIFFIN	WAREHOUSES	SEED STORAGE	SEWRLT/HYDRAULICS LAB 19	1966	5022	\$19,040.07	\$32,238.89	\$51,278.96
6460208020	GEORGIA	TIFFIN	WAREHOUSES	SEED STORAGE	SEWRLT/HYDRAULICS LAB 20	1966	5022	\$19,040.07	\$32,238.89	\$51,278.96
6460208021	GEORGIA	TIFFIN	WAREHOUSES	SEED STORAGE		1968	124	\$9,897.51	\$0.00	\$9,897.51
6460208022	GEORGIA	TIFFIN	WAREHOUSES	GREENHOUSE	GREENHOUSE/HEADHOUSE 20	1968	124	\$9,897.51	\$0.00	\$9,897.51
6460208023	GEORGIA	TIFFIN	WAREHOUSES	STORAGE BUILDING	CGRU VEHICLE STORAGE BUILDING 22	1968	1800	\$45,130.60	\$0.00	\$45,130.60
6460208024	GEORGIA	TIFFIN	LABORATORIES	LABORATORY	CGRU PATHOLOGY LAB 24	1938	2005	\$91,180.30	\$39,228.75	\$130,409.05
6460208025	GEORGIA	TIFFIN	WAREHOUSES	SHED STORAGE	WEED SCIENCE TRACTOR SHED 25	1967	2160	\$50,414.31	\$3,300.18	\$53,714.49
6460208026	GEORGIA	TIFFIN	WAREHOUSES	GREENHOUSE	WEED SCIENCE SHOP 26	1963	960	\$2,724.43	\$1,305.75	\$3,030.18
6460208027	GEORGIA	TIFFIN	ALL OTHER	GREENHOUSE	GREENHOUSE 27	1964	4220	\$24,448	\$75,226.19	\$99,674.19
6460208028	GEORGIA	TIFFIN	ALL OTHER	GREENHOUSE	GREENHOUSE 28	1964	4220	\$24,448	\$75,226.19	\$99,674.19
6460208029	GEORGIA	TIFFIN	ALL OTHER	GREENHOUSE	GREENHOUSE 29	1968	1872	\$36,760.00	\$0.00	\$36,760.00
6460208031	GEORGIA	TIFFIN	LABORATORIES	LABORATORY	SEWRLT SOILS LABORATORY 31	1956	2688	\$43,539.72	\$17,336.49	\$60,876.21
6460208032	GEORGIA	TIFFIN	LABORATORIES	LABORATORY	BIOLOGICAL CONTROL LAB 32	1967	4200	\$15,923.59	\$26,962.04	\$42,885.63
6460208033	GEORGIA	TIFFIN	LABORATORIES	OFFICE	SEWRLT OFFICE BLDG 33	1967	7800	\$122,305.20	\$30,248.86	\$152,554.06
6460208034	GEORGIA	TIFFIN	ALL OTHER	ALL OTHER	SEWRLT RAINFALL SIMULATION BLDG 34	1968	1200	\$4,350.96	\$0.00	\$4,350.96
6460208035	GEORGIA	TIFFIN	OFFICE	OFFICE	SEWRLT OFFICE BLDG 35	1967	2400	\$40,833.03	\$25,927.60	\$66,760.62
6460208036	GEORGIA	TIFFIN	LABORATORIES	LABORATORY	SEWRLT STORAGE BLDG 36	1968	400	\$16,997.82	\$2,222.17	\$19,220.00
6460208037	GEORGIA	TIFFIN	WAREHOUSES	SHED STORAGE	SEWRLT STORAGE BLDG 37	1968	400	\$16,997.82	\$2,222.17	\$19,220.00
6460208038	GEORGIA	TIFFIN	WAREHOUSES	GREENHOUSE	NEMATOLOGY GREENHOUSE 38	1965	3360	\$392,945.05	\$33,424.97	\$426,370.02
6460208039	GEORGIA	TIFFIN	ALL OTHER	ALL OTHER	CGRU SHELTER AT GIBBS FARM 40	1970	1275	\$183.81	\$0.00	\$183.81
6460208040	GEORGIA	TIFFIN	ALL OTHER	GREENHOUSE	CGRU PATHOLOGY GREENHOUSE 41	1965	2697	\$154,872.86	\$108,710.75	\$263,583.61
6460208041	GEORGIA	TIFFIN	ALL OTHER	GREENHOUSE	CGRU PATHOLOGY GREENHOUSE 42	1968	1680	\$50,529.98	\$50,150.79	\$100,680.77

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sqft				Estimated Maintenance			
							DW Critical	DW Non-Critical	DM Critical	DM Non-Critical	DM Total	DM Critical	DM Non-Critical	DM Total
6602008043	GEORGIA	TIFTON	LABORATORIES	LABORATORY	SEWRL WATER QUALITY LAB 43	1981	3000	\$22,455.29	\$8,074.19	\$30,529.48				
6602008044	GEORGIA	TIFTON	WAREHOUSES	SHED, STORAGE	SEWRL EQUIPMENT STORAGE SHED 44	1982	2880	\$897.68	\$0.00	\$897.68				
6602008049	GEORGIA	TIFTON	ALL OTHER	ALL OTHER	CPMRL SHED AT BELLFLOWER	1982	1132	\$7,655.22	\$0.00	\$7,655.22				
6602008050	GEORGIA	TIFTON	SERVICE	SHOP	FARM 49	1982	1200	\$6,088.36	\$0.00	\$6,088.36				
6602008053	GEORGIA	TIFTON	WAREHOUSES	SHED, STORAGE	CPMRL SHOP / SHED AT BELLFLOWER	1982	720	\$0.00	\$0.00	\$0.00				
6602008054	GEORGIA	TIFTON	LABORATORIES	LABORATORY	STORAGE SHED 53	1982	1200	\$0.00	\$0.00	\$0.00				
6602008055	GEORGIA	TIFTON	LABORATORIES	LABORATORY	SEWRL PESTICIDE LAB 54	1988	2750	\$7,618.42	\$12,870.05	\$20,488.47				
6602008056	GEORGIA	TIFTON	LABORATORIES	LABORATORY	SEWRL PESTICIDE LAB 55	1988	2040	\$5,651.48	\$3,547.24	\$9,198.72				
6602008057	GEORGIA	TIFTON	ALL OTHER	ALL OTHER	CGBRU SHED AT RDC RED TOP BARN	1989	3600	\$24,345.24	\$0.00	\$24,345.24				
6602008057	GEORGIA	TIFTON	WAREHOUSES	CHEMICAL STORAGE	56	1995	1300	\$0.00	\$0.00	\$0.00				
6602008059	GEORGIA	TIFTON	WAREHOUSES	HAZMAT FACILITY	PESTICIDE STORAGE BUILDING CPMRL	2000	477	\$0.00	\$0.00	\$0.00				
6602008060	GEORGIA	TIFTON	WAREHOUSES	STORAGE BUILDING	HAZARDOUS WASTE STORAGE BLDG 59	2002	1100	\$0.00	\$0.00	\$0.00				
6602008061	GEORGIA	TIFTON	ALL OTHER	ALL OTHER	CGBRU COLD STORAGE 61	2002	900	\$0.00	\$0.00	\$0.00				
6602008062	GEORGIA	TIFTON	WAREHOUSES	STORAGE BUILDING	CGBRU FORAGE TURF RESEARCH 62	1989	2400	\$23,723.08	\$2,628.62	\$26,351.70				
6602008065	GEORGIA	TIFTON	WAREHOUSES	SHED, STORAGE	EQUIPMENT SHED 65	1994	7500	\$0.00	\$0.00	\$0.00				
6602008066	GEORGIA	TIFTON	WAREHOUSES	SHED, STORAGE	EQUIPMENT SHED 66	2005	240	\$0.00	\$0.00	\$0.00				
6602008067	GEORGIA	TIFTON	WAREHOUSES	SHED, STORAGE	SEWRL PESTICIDE SHED 67	2006	720	\$0.00	\$0.00	\$0.00				
6602008068	GEORGIA	TIFTON	WAREHOUSES	STORAGE BUILDING	COLD STORAGE 68	1995	1136	\$0.00	\$0.00	\$0.00				
6602008084	GEORGIA	TIFTON	WAREHOUSES	CHEMICAL STORAGE	PEANUT & CORN SEED STORAGE	1991	136	\$0.00	\$0.00	\$0.00				
6602008086	GEORGIA	TIFTON	WAREHOUSES	STORAGE BUILDING	BUILDING 86	2010	720	\$0.00	\$0.00	\$0.00				
6604008001	GEORGIA	DAWSON	LABORATORIES	LABORATORY	NPRL MAIN BUILDING 1	1969	13436	\$198,854.38	\$13,385.91	\$212,240.29				
6604008002	GEORGIA	DAWSON	ALL OTHER	ALL OTHER	SHELLING PLANT 2	1970	11346	\$410,333.44	\$159,453.46	\$569,786.90				
6604008003	GEORGIA	DAWSON	SERVICE	SHOP	MACHINE SHOP 3	1969	2560	\$106,070.13	\$17,618.57	\$123,688.70				
6604008004	GEORGIA	DAWSON	LABORATORIES	LABORATORY	SEED LAB/SHOP 4	1973	4700	\$10,627.96	\$79,285.03	\$89,912.98				
6604008005	GEORGIA	DAWSON	WAREHOUSES	LABORATORY	BIOASSAY LAB 5	1967	480	\$22,135.67	\$4,763.63	\$26,899.30				
6604008007	GEORGIA	DAWSON	WAREHOUSES	SHED, STORAGE	IMPLEMENT SHED (STRUCTURE) 7	1996	2400	\$0.00	\$0.00	\$0.00				
6604008008	GEORGIA	DAWSON	OFFICE	OFFICE	PILOT SHED B	1979	1200	\$1,605.70	\$0.00	\$1,605.70				
6604008011	GEORGIA	DAWSON	WAREHOUSES	STORAGE WAREHOUSE	TECHNICIANS OFFICES 11	1988	1920	\$9,988.71	\$6,084.69	\$16,073.40				
6604008012	GEORGIA	DAWSON	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE STORAGE 12	1986	616	\$6,613.06	\$732.75	\$7,345.81				
6604008013	GEORGIA	DAWSON	WAREHOUSES	HAZMAT FACILITY	HAZARDOUS CHEMICAL WASTE 21	1995	384	\$176.18	\$429.25	\$605.44				
6604008021	GEORGIA	DAWSON	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE/VEHICLE STORAGE 22	2000	5250	\$0.00	\$0.00	\$0.00				
6604008022	GEORGIA	DAWSON	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE/VEHICLE STORAGE 23	2000	317	\$669.78	\$0.00	\$669.78				
6604008023	GEORGIA	DAWSON	WAREHOUSES	STORAGE BUILDING	WAREHOUSE/VEHICLE STORAGE 25	2004	2000	\$0.00	\$0.00	\$0.00				
6604008026	GEORGIA	DAWSON	WAREHOUSES	STORAGE BUILDING	STORAGE/VEHICLE	2004	96	\$0.00	\$0.00	\$0.00				
6604008027	GEORGIA	DAWSON	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE 1	2004	96	\$0.00	\$0.00	\$0.00				
6604008028	GEORGIA	DAWSON	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE 2	2004	96	\$0.00	\$0.00	\$0.00				
6604008029	GEORGIA	DAWSON	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE 3	2004	96	\$0.00	\$0.00	\$0.00				
6604008030	GEORGIA	DAWSON	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE 4	2004	96	\$0.00	\$0.00	\$0.00				
6604008031	GEORGIA	DAWSON	LABORATORIES	LABORATORY	MAIN LABORATORY	2004	96	\$0.00	\$0.00	\$0.00				
6606058002	GEORGIA	BYRON	ALL OTHER	GREENHOUSE	GREENHOUSE RANGE #1	1965	30038	\$1,258,197.55	\$276,327.95	\$1,533,525.50				
6606058003	GEORGIA	BYRON	ALL OTHER	GREENHOUSE	GREENHOUSE RANGE #2	1967	2070	\$3,720.97	\$0.00	\$3,720.97				
6606058004	GEORGIA	BYRON	GREENHOUSE	GREENHOUSE	GREENHOUSE RANGE #3	1967	2075	\$3,729.96	\$0.00	\$3,729.96				
6606058005	GEORGIA	BYRON	GREENHOUSE	GREENHOUSE	GREENHOUSE RANGE #4	1969	2075	\$3,729.96	\$0.00	\$3,729.96				
6606058006	GEORGIA	BYRON	GREENHOUSE	GREENHOUSE	GREENHOUSE RANGE #5	1972	2075	\$3,729.96	\$0.00	\$3,729.96				
6606058007	GEORGIA	BYRON	HEADHOUSE	HEADHOUSE	NORTH HEADHOUSE	1972	3200	\$44,951.98	\$2,167.53	\$47,119.51				
6606058008	GEORGIA	BYRON	ALL OTHER	HEADHOUSE	WEST HEADHOUSE	1969	1500	\$21,071.24	\$1,016.03	\$22,087.27				
6606058009	GEORGIA	BYRON	ALL OTHER	INSECT REARING	INSECT REARING	1969	2250	\$60,942.43	\$0.00	\$60,942.43				
6606058009	GEORGIA	BYRON	ALL OTHER	ENTOMOLOGIST GREENHOUSE #1 EAST	ENTOMOLOGIST GREENHOUSE #1 EAST	1967	168	\$10,935.84	\$0.00	\$10,935.84				

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Decrease Maintenance		
								DM Critical	DM Non-Critical	DM Total
660605800A	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	PECAN UNIT STORAGE SHED/OAK GROVE	1975	90	\$175.09	\$0.00	\$175.09
660605800B	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	PECAN UNIT STORAGE SHED/OAK TREE	1975	90	\$175.09	\$0.00	\$175.09
660605800C	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	FRUIT UNIT STORAGE SHED/NURSEY EAST	1975	90	\$175.09	\$0.00	\$175.09
660605800E	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	FRUIT UNIT STORAGE SHED/NURSEY WEST	1975	135	\$262.63	\$0.00	\$262.63
660605800F	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	FRUIT/NUIT UNIT STORAGE SHED/OLD BLUEBERRY	1975	135	\$262.63	\$0.00	\$262.63
6606058010	GEORGIA	BYRON	ALL OTHER	GREENHOUSE	NEMATOTOLOGY GREENHOUSE #1/EAST	1967	168	\$10,935.84	\$0.00	\$10,935.84
6606058013	GEORGIA	BYRON	SERVICE	SHOP	PRIMARY SHOP	1971	4000	\$16,470.00	\$38,340.57	\$54,810.57
6606058014	GEORGIA	BYRON	SERVICE	SHOP	SECONDARY SHOP	1973	4000	\$19,829.97	\$10,047.52	\$29,877.48
6606058015	GEORGIA	BYRON	OFFICE	OFFICE	FARM CENTER OFFICE	1967	1260	\$55,037.34	\$13,611.99	\$68,649.33
6606058016	GEORGIA	BYRON	SERVICE	SHOP	FARM CENTER SHOP	1966	2276	\$62,270.64	\$16,408.44	\$78,679.08
6606058017	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	IMPLEMENT STORAGE SHED	1967	6200	\$87,300.33	\$0.00	\$87,300.33
6606058018	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	IMPLEMENT STORAGE SHED	1967	6200	\$87,300.33	\$0.00	\$87,300.33
6606058019	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	MISC. STORAGE BUILDING	1972	960	\$9,130.56	\$2,400.00	\$11,530.56
6606058020	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	MISC. STORAGE BUILDING	1972	960	\$9,130.56	\$2,400.00	\$11,530.56
6606058021	GEORGIA	BYRON	SERVICE	FILLING STATION, SERVICE	FERTILIZER STORAGE BUILDING	1981	960	\$9,304.22	\$42,393.67	\$51,697.89
6606058022	GEORGIA	BYRON	SERVICE	ALL OTHER	GASOLINE PUMP HOUSE	1971	144	\$593.92	\$1,380.26	\$1,974.18
6606058023	GEORGIA	BYRON	SERVICE	PUMPHOUSE, SERVICE	PECAN SHELLING PLANT	1974	2400	\$90,885.97	\$34,469.73	\$125,355.71
6606058027	GEORGIA	BYRON	SERVICE	SHED, STORAGE	WELL PUMPHOUSE	1975	78	\$2,753.26	\$898.79	\$3,652.06
6606058029	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	STORAGE BUILDING 29	1994	54	\$0.00	\$2,577.79	\$2,577.79
6606058030	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	IRRIGATION STORAGE BUILDING 30	1994	160	\$0.00	\$0.00	\$0.00
6606058031	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	STORAGE BUILDING 31	1996	112	\$0.00	\$0.00	\$0.00
6606058032	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	FRUIT ROOT STOCK STORAGE 32	1994	112	\$0.00	\$0.00	\$0.00
6606058033	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	STORAGE BUILDING 33	1996	108	\$0.00	\$0.00	\$0.00
6606058034	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	WASTE OIL STORAGE BUILDING 34	1996	48	\$0.00	\$781.36	\$781.36
6606058035	GEORGIA	BYRON	WAREHOUSES	CHEMICAL STORAGE	WASTE OIL STORAGE BUILDING 35	1996	960	\$124.81	\$0.00	\$124.81
6606058036	GEORGIA	BYRON	WAREHOUSES	CHEMICAL STORAGE	POSTAGE STORAGE	1972	112	\$0.00	\$8,200.00	\$8,200.00
6606058037	GEORGIA	BYRON	WAREHOUSES	SHED, STORAGE	POSTAGE STORAGE	1972	1920	\$20,581.20	\$1,022.59	\$21,603.79
6606058038	GEORGIA	BYRON	SERVICE	SHOP	SHOP/STORAGE 1	1972	1920	\$1,954.30	\$56,210.44	\$58,164.74
6606058039	GEORGIA	GRiffin	GREENHOUSE	GREENHOUSE	GREENHOUSE 3	1977	500	\$1,954.30	\$56,210.44	\$58,164.74
6606058040	GEORGIA	GRiffin	GREENHOUSE	OFFICE	SEED PROCESSING BUILDING 4	1979	2400	\$7,616.13	\$1,477.29	\$9,093.42
6606058041	GEORGIA	GRiffin	OFFICE	OFFICE	GREENHOUSE 5	1988	4158	\$73,388.86	\$11,029.30	\$194,418.16
6606058042	GEORGIA	GRiffin	ALL OTHER	GREENHOUSE	GREENHOUSE 6	1988	7326	\$68,811.96	\$1,580.42	\$70,392.38
6606058043	GEORGIA	GRiffin	ALL OTHER	HEADHOUSE	HEADHOUSE 7	1980	4725	\$12,851.93	\$61,961.91	\$74,813.84
6606058044	GEORGIA	GRiffin	ALL OTHER	SCREENHOUSE	SCREENHOUSE 8	1989	3200	\$0.00	\$0.00	\$0.00
6606058045	GEORGIA	GRiffin	WAREHOUSES	STORAGE BUILDING	METAL BUILDING 9	1989	2000	\$17,944.34	\$1,988.31	\$19,932.65
6606058046	GEORGIA	GRiffin	WAREHOUSES	STORAGE BUILDING	SEED STORAGE 10	1990	3150	\$28,262.34	\$3,131.59	\$31,393.92
6606058047	GEORGIA	ATHENS	LABORATORIES	LABORATORY 1	LABORATORY 1	1969	302006	\$3,310,978.09	\$3,377,465.47	\$6,688,443.55
6606058048	GEORGIA	ATHENS	SEED STORAGE	SEED STORAGE 11	SEED STORAGE 11	1969	30046	\$46,406.44	\$65,286.42	\$111,692.86
6606058049	GEORGIA	ATHENS	SEED STORAGE	SEED STORAGE 12	SEED STORAGE 12	1971	795	\$21,240.62	\$0.00	\$21,240.62
6606058050	GEORGIA	ATHENS	SEED STORAGE	SOLVENT EXTRACTION BUILDING 3	SOLVENT EXTRACTION BUILDING 3	1971	795	\$21,240.62	\$0.00	\$21,240.62
6606058051	GEORGIA	ATHENS	WAREHOUSES	CHEMICAL STORAGE	EGG BUILDING 7	1982	486	\$572.67	\$0.00	\$572.67
6606058052	GEORGIA	ATHENS	WAREHOUSES	CHEMICAL STORAGE	GREENHOUSE 8	1983	1800	\$55,781.50	\$0.00	\$55,781.50
6606058053	GEORGIA	ATHENS	ALL OTHER	GREENHOUSE	GREENHOUSE 9	1983	1800	\$40,228.80	\$0.00	\$40,228.80
6606058054	GEORGIA	ATHENS	ALL OTHER	UTILITY BUILDING	BOILER HOUSE 10	1983	144	\$4,468.83	\$1,458.84	\$5,927.67
6606058055	GEORGIA	ATHENS	WAREHOUSES	SHED, STORAGE	STORAGE SHED 11	1984	540	\$0.00	\$0.00	\$0.00
6606058056	GEORGIA	ATHENS	WAREHOUSES	SHED, STORAGE	SHED, STORAGE 12	2002	128	\$157.28	\$2,029.15	\$2,186.43
6606058057	GEORGIA	ATHENS	ALL OTHER	ALL OTHER	GUARD HOUSE 13	2001	36	\$0.00	\$0.00	\$0.00
6606058058	GEORGIA	ATHENS	HAZMAT FACILITY	HAZMAT FACILITY	HAZARDOUS WASTE DISPOSAL 14	2001	500	\$412.50	\$1,005.01	\$1,417.51
6606058059	GEORGIA	ATHENS	ALL OTHER	ANIMAL FACILITY, ALL OTHER	ANIMAL BUILDING 15	2002	4000	\$0.00	\$0.00	\$0.00

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sqft	Deferred Maintenance		
								DM Critical	DM Non-Critical	DM Total
6612080016	GEORGIA	ATHENS	ALL OTHER	WASTE FACILITY	WASTE TREATMENT 36	2002	480	\$1,202.65	\$2,031.68	\$3,234.34
6612080017	GEORGIA	WATKINSVILLE	ALL OTHER	WASTE FACILITY	POLYMER BUILDING 33	2000	8000	\$0.00	\$0.00	\$0.00
6612468001	GEORGIA	ATHENS	LABORATORIES	CONTAINMENT FACILITY	ISOLATION LABORATORY 1	1963	1024	\$51,115.86	\$2,615.04	\$53,730.90
6612468002	GEORGIA	ATHENS	LABORATORIES	CONTAINMENT FACILITY	ISOLATION LABORATORY 2	1963	1376	\$51,843.30	\$1,670.40	\$53,513.70
6612468003	GEORGIA	ATHENS	LABORATORIES	CONTAINMENT FACILITY	ISOLATION LABORATORY 3	1963	1024	\$51,843.30	\$1,670.40	\$53,513.70
6612468004	GEORGIA	ATHENS	LABORATORIES	CONTAINMENT FACILITY	ISOLATION LABORATORY 4	1963	1024	\$51,115.86	\$2,615.04	\$53,730.90
6612468005	GEORGIA	ATHENS	LABORATORIES	LABORATORY	ANIMAL RESEARCH 5	1963	1376	\$33,290.55	\$1,670.40	\$34,960.95
6612468006	GEORGIA	ATHENS	LABORATORIES	LABORATORY	ANIMAL RESEARCH 6	1963	1024	\$45,614.10	\$1,670.40	\$47,284.50
6612468007	GEORGIA	ATHENS	LABORATORIES	CONTAINMENT FACILITY	ISOLATION LABORATORY 7	1963	2560	\$85,851.60	\$1,670.40	\$87,522.00
6612468008	GEORGIA	ATHENS	LABORATORIES	CONTAINMENT FACILITY	ISOLATION LABORATORY 8	1963	2560	\$85,851.60	\$1,670.40	\$87,522.00
6612468009	GEORGIA	ATHENS	OFFICE	OFFICE	OFFICE/CONFERENCE ROOM 9	1963	4224	\$221.85	\$0.00	\$221.85
6612468010	GEORGIA	ATHENS	SHOP	SHOP	STORAGE/SHOP 10	1963	4224	\$67,515.14	\$33,887.73	\$101,402.87
6612468011	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	EQUIPMENT/SUPPLIES STORAGE HSE	1965	3315	\$82,542.50	\$21,750.12	\$104,292.62
6612468012	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	POLYMER BUILDING 11	1963	2592	\$26,104.80	\$45,268.80	\$71,373.60
6612468013	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	POLYMER BUILDING 12	1963	3180	\$17,891.55	\$0.00	\$17,891.55
6612468014	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	POLYMER BUILDING 13	1963	2592	\$53,382.05	\$1,208.54	\$54,590.59
6612468015	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	SHED/EQUIPMENT STORAGE 14	1963	2592	\$105.53	\$4,916.34	\$5,021.87
6612468016	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	POLYMER BUILDING 15	1964	2520	\$82,503.16	\$6,224.77	\$88,727.93
6612468017	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	POLYMER BUILDING 16	1964	2520	\$82,503.16	\$6,224.77	\$88,727.93
6612468018	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	POLYMER BUILDING 17	1964	2520	\$82,503.16	\$6,224.77	\$88,727.93
6612468019	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	POLYMER BUILDING 18	1964	2520	\$82,503.16	\$6,224.77	\$88,727.93
6612468020	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	POLYMER BUILDING 19	1964	1200	\$10,104.80	\$15,398.40	\$25,503.20
6612468021	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	RABBIT/HOUSE HOLDING HOUSE 20	1963	386	\$12,859.70	\$8,229.19	\$21,088.89
6612468022	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	CAGE STORAGE 21	1963	386	\$8,110.14	\$6,222.61	\$14,332.75
6612468023	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	RECORDS HOLDING 22	1963	196	\$8,085.60	\$824.80	\$8,910.40
6612468024	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	RECORDS HOLDING 23	1963	196	\$7,903.20	\$824.80	\$8,728.00
6612468025	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	RECORDS HOLDING 24	1963	196	\$8,085.60	\$824.80	\$8,910.40
6612468026	GEORGIA	ATHENS	WAREHOUSES	HAZMAT FACILITY	HAZARDOUS WASTE HOLDING	1963	196	\$1,724.26	\$15,248.63	\$16,972.89
6612468027	GEORGIA	ATHENS	LABORATORIES	LABORATORY	SEQUENCING LAB 29	1967	1551	\$39,584.48	\$0.00	\$39,584.48
6612468028	GEORGIA	ATHENS	LABORATORIES	LABORATORY	INCUBATOR/HATCHING BLDG 30	1964	1211	\$40,344.80	\$27,386.15	\$67,730.95
6612468029	GEORGIA	ATHENS	LABORATORIES	LABORATORY	BROODING BLDG 31	1964	936	\$39,647.35	\$2,991.35	\$42,638.70
6612468030	GEORGIA	ATHENS	LABORATORIES	LABORATORY	BROODING BLDG 32	1964	936	\$39,647.35	\$2,991.35	\$42,638.70
6612468031	GEORGIA	ATHENS	LABORATORIES	LABORATORY	BROODING BLDG 33	1964	936	\$39,647.35	\$2,991.35	\$42,638.70
6612468032	GEORGIA	ATHENS	LABORATORIES	LABORATORY	BROODING BLDG 34	1964	936	\$39,647.35	\$2,991.35	\$42,638.70
6612468033	GEORGIA	ATHENS	LABORATORIES	LABORATORY	BROODING BLDG 35	1964	936	\$39,647.35	\$2,991.35	\$42,638.70
6612468034	GEORGIA	ATHENS	LABORATORIES	LABORATORY	NEWCASTLE DISEASE RES BLDG 34	1975	4674	\$115,912.09	\$0.00	\$115,912.09
6612468035	GEORGIA	ATHENS	LABORATORIES	LABORATORY	MAIN LAB OFFICES 35	1963	13815	\$529,468.95	\$15,862.25	\$545,331.20
6612468036	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	FEED STORAGE 36	1978	120	\$346.61	\$0.00	\$346.61
6612468037	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	SEWAGE DECONTAMINATION BLDG 37	1999	2800	\$7,015.48	\$11,851.48	\$18,866.96
6612468038	GEORGIA	ATHENS	WAREHOUSES	STORAGE BUILDING	LAB/DFC1	2003	2688	\$3,640.95	\$0.00	\$3,640.95
6613058001	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	MODULAR LABORATORY 40 (38)	1960	10802	\$413,993.75	\$90,593.13	\$504,586.87
6613058002	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	OFFICE/HIGH 2	1968	8690	\$339,470.32	\$63,958.74	\$403,429.06
6613058003	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	OFFICE/HIGH 2	1960	2400	\$82,805.18	\$31,370.47	\$114,175.64
6613058004	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	GEOS PROCESSING & DRYING 3	1940	3948	\$4,737.11	\$2,785.88	\$7,522.99
6613058005	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	STORAGE 5	1960	3808	\$35,758.77	\$4,138.05	\$39,896.83
6613058006	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	MACHINE SHED 6	1960	3808	\$11,280.11	\$4,410.22	\$15,690.34
6613058007	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	ANIMAL FEED STORAGE 8	1960	1344	\$11,280.11	\$4,410.22	\$15,690.34
6613058008	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	ANIMAL FEED STORAGE 9	1960	1344	\$11,280.11	\$4,410.22	\$15,690.34
6613058009	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	STORAGE & CATTLE SHED 10	1960	2400	\$82,805.18	\$31,370.47	\$114,175.64
6613058010	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	STORAGE & CATTLE SHED 11	1960	2400	\$82,805.18	\$31,370.47	\$114,175.64
6613058011	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	STORAGE & CATTLE SHED 12	1960	2400	\$82,805.18	\$31,370.47	\$114,175.64
6613058012	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	CONSERVATION TILLAGE LAB 14	1966	1740	\$44,854.86	\$1,717.25	\$46,572.11
6613058013	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	MACHINE SHED 15	1960	2304	\$33,204.27	\$40,238.93	\$73,443.20
6613058014	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	MACHINE SHED 16	1960	2304	\$33,204.27	\$40,238.93	\$73,443.20
6613058015	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	PESTICIDE BUILDING 32	1988	360	\$5,011.19	\$0.00	\$5,011.19
6613058016	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	CHEMICAL STORAGE	1988	360	\$2,416.44	\$0.00	\$2,416.44
6613058017	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	DANIEL POLE BARN 33	2006	3500	\$0.00	\$0.00	\$0.00
6613058018	GEORGIA	WATKINSVILLE	LABORATORIES	LABORATORY	NORTH LABORATORY 1	1963	27347	\$1,096,387.56	\$240,050.80	\$1,337,038.36
6613058019	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	STORAGE/CAIRPORT 2	1963	5800	\$54,408.02	\$94,349.91	\$148,757.93
6613058020	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	FLY COLONY BUILDING 3	1963	1800	\$61,680.08	\$4,653.70	\$66,333.78
6613058021	FLORIDA	GAINESVILLE	WAREHOUSES	LABORATORY	COBALT BUILDING 4	1963	374	\$3,554.89	\$31,437.93	\$34,992.82
6613058022	FLORIDA	GAINESVILLE	WAREHOUSES	LABORATORY	HAZMAT BUILDING 5	1963	400	\$3,692.45	\$32,854.51	\$36,546.97

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross Sq Ft	Deferred Maintenance		
								DM Critical	DM Non-Critical	DM Total
6615008006	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	QUARANTINE/GENETICS LAB 6	1964	2992	\$271.38	\$0.00	\$271.38
6615008007	FLORIDA	GAINESVILLE	OFFICE	OFFICE	FIRE ANT OFFICE 8	1968	1800	\$77,463.00	\$19,198.36	\$96,621.36
6615008009	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	PORTATRONIC BUILDING 9	1971	1800	\$50,958.86	\$27,612.03	\$108,570.89
6615008010	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	WALK-IN COLDROOM 10	1971	1800	\$50,958.86	\$27,612.03	\$108,570.89
6615008011	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	WALK-IN COLDROOM 11	1971	1800	\$50,958.86	\$27,612.03	\$108,570.89
6615008012	FLORIDA	GAINESVILLE	SERVICE	SHOP	MAINTENANCE SHOP 12	1968	5031	\$12,748.69	\$637.20	\$13,385.89
6615008013	FLORIDA	GAINESVILLE	ALL OTHER	HEADHOUSE/GREENHOUSE	GREENHOUSE/HEADHOUSE 13	1968	52717	\$198,528.69	\$31,076.22	\$231,504.91
6615008014	FLORIDA	GAINESVILLE	OFFICE	OFFICE	SAFETY OFFICE 14	1969	4661	\$88,799.26	\$140,491.75	\$229,291.00
6615008015	FLORIDA	GAINESVILLE	ALL OTHER	INSECT FACILITY	INSECT COLONY STORAGE 17	1974	1800	\$77,463.00	\$19,198.36	\$96,621.36
6615008016	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	PORTATRONIC SHELTER 19	1975	4000	\$19,086.31	\$3,562.62	\$22,648.93
6615008017	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	PORTATRONIC SHELTER 20	1976	80	\$249.66	\$0.00	\$249.66
6615008018	FLORIDA	TALLAHASSEE	WAREHOUSES	STORAGE BUILDING	CHEMICAL STORAGE/WASTE 21	2000	1440	\$2,247.24	\$0.00	\$2,247.24
6615008019	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	PORTATRONIC SHELTER 22	1976	80	\$249.66	\$0.00	\$249.66
6615008020	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	PORTATRONIC SHELTER 23	1977	334	\$9,641.71	\$0.00	\$9,641.71
6615008021	FLORIDA	GAINESVILLE	OFFICE	OFFICE	LABORATORY BUILDING 25	1976	80	\$249.66	\$0.00	\$249.66
6615008022	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	LABORATORY OFFICE BUILDING 26	1978	1685	\$5,890.65	\$1,142.60	\$7,033.24
6615008023	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	LABORATORY OFFICE BUILDING 27	1978	2048	\$3,591.19	\$0.00	\$3,591.19
6615008024	FLORIDA	GAINESVILLE	ALL OTHER	ALL OTHER	LABORATORY OFFICE BUILDING 28	1982	312	\$3,675.72	\$0.00	\$3,675.72
6615008025	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	PATHOLOGY LABORATORY 29	1982	312	\$3,675.72	\$0.00	\$3,675.72
6615008026	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	PATHOLOGY LABORATORY 30	1982	312	\$3,675.72	\$0.00	\$3,675.72
6615008027	FLORIDA	TALLAHASSEE	LABORATORIES	LABORATORY	ADMINISTRATIVE OFFICE 30	2000	1440	\$2,247.24	\$0.00	\$2,247.24
6615008028	FLORIDA	GAINESVILLE	OFFICE	OFFICE	MODULAR OFFICE/LAB 31	1982	3569	\$12,476.98	\$2,420.14	\$14,897.12
6615008029	FLORIDA	GAINESVILLE	LABORATORIES	TRAILER, LABORATORY	MODULAR OFFICE/LAB 32	1984	1536	\$32,447.66	\$6,501.56	\$38,949.22
6615008030	FLORIDA	GAINESVILLE	LABORATORIES	TRAILER, LABORATORY	STORAGE TRAILER (FEMA) 33	1984	1536	\$32,447.66	\$6,501.56	\$38,949.22
6615008031	FLORIDA	GAINESVILLE	WAREHOUSES	TRAILER, STORAGE	STORAGE TRAILER (FEMA) 33	1988	720	\$0.00	\$126,846.84	\$126,846.84
6615008032	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	FIRE ANT LAB 34	1990	936	\$2,483.26	\$4,105.05	\$6,678.31
6615008033	FLORIDA	GAINESVILLE	ALL OTHER	INSECT FACILITY	COCKROACH CONTROL ROOM 35	1993	140	\$753.69	\$31.47	\$785.16
6615008034	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	FIRE ANT LAB 35	1993	1040	\$2,759.18	\$4,661.17	\$7,420.35
6615008035	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	FIRE ANT LAB 36	1993	1040	\$2,759.18	\$4,661.17	\$7,420.35
6615008036	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	PREFAB METAL BUILDING 38	1996	360	\$0.00	\$0.00	\$0.00
6615008037	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	PREFAB METAL BUILDING 39	1996	360	\$0.00	\$0.00	\$0.00
6615008038	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	PREFAB METAL BUILDING 40	1996	360	\$0.00	\$0.00	\$0.00
6615008039	FLORIDA	TALLAHASSEE	LABORATORIES	LABORATORY	PREFAB METAL BUILDING 41	1996	360	\$0.00	\$0.00	\$0.00
6615008040	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	PORTATRONIC SHELTER 42	1976	80	\$5.80	\$0.00	\$5.80
6615008041	FLORIDA	GAINESVILLE	ALL OTHER	ALL OTHER	PORTATRONIC SHELTER 43	1976	80	\$5.80	\$0.00	\$5.80
6615008042	FLORIDA	GAINESVILLE	ALL OTHER	ALL OTHER	PORTATRONIC SHELTER 44	1976	80	\$5.80	\$0.00	\$5.80
6615008043	FLORIDA	GAINESVILLE	ALL OTHER	ALL OTHER	PORTATRONIC SHELTER 45	1976	80	\$5.80	\$0.00	\$5.80
6615008044	FLORIDA	GAINESVILLE	ALL OTHER	ALL OTHER	WALK-IN COLDROOM 46	1996	80	\$15.24	\$11,696.63	\$11,711.87
6615008045	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	METAL EXPERIMENT BUILDING 47	2000	240	\$340.25	\$0.00	\$340.25
6615008046	FLORIDA	GAINESVILLE	LABORATORIES	LABORATORY	METAL EXPERIMENT BUILDING 48	2000	240	\$340.25	\$0.00	\$340.25
6615008047	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	PREFAB METAL BUILDING 49	1996	240	\$0.00	\$0.00	\$0.00
6615008048	FLORIDA	GAINESVILLE	WAREHOUSES	STORAGE BUILDING	PREFAB METAL BUILDING 49	1996	240	\$0.00	\$0.00	\$0.00
6615008049	FLORIDA	TALLAHASSEE	LABORATORIES	LABORATORY	LABORATORY	2004	1440	\$2,247.24	\$0.00	\$2,247.24
6615008050	FLORIDA	TALLAHASSEE	LABORATORIES	LABORATORY	LABORATORY	2004	864	\$0.00	\$0.00	\$0.00
6615008051	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008052	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008053	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008054	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008055	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008056	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008057	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008058	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008059	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008060	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008061	FLORIDA	TALLAHASSEE	ALL OTHER	GREENHOUSE	GREENHOUSE	2004	864	\$0.00	\$0.00	\$0.00
6615008062	FLORIDA	FT PIERCE	LABORATORIES	LABORATORY	LAB/OFFICE BUILDING 1	1998	113538	\$336,430.45	\$271,468.10	\$607,898.55
6615008063	FLORIDA	FT PIERCE	LABORATORIES	LABORATORY	INSECTARY/MECH PLANT BLDG 2	1998	10301	\$104,571.10	\$2,409.35	\$107,040.45
6615008064	FLORIDA	FT PIERCE	ALL OTHER	GREENHOUSE	GREENHOUSES 3	1999	46780	\$17,018.65	\$2,079.30	\$19,097.95
6615008065	FLORIDA	FT PIERCE	WAREHOUSES	HAZMAT FACILITY	HAZMAT BUILDING 4	1999	1344	\$0.00	\$0.00	\$0.00
6615008066	FLORIDA	FT PIERCE	WAREHOUSES	SHOP	SHOP BUILDING 5	1999	3600	\$1,161.50	\$770.63	\$1,932.13
6615008067	FLORIDA	FT PIERCE	SERVICE	SHOP	OFFICE/SHOP/STORAGE 1	1999	3842	\$9,044.55	\$1,062.52	\$10,107.07
6615008068	FLORIDA	FT PIERCE	WAREHOUSES	STORAGE BUILDING	GENETIC ROOM/STORAGE 2	1999	2563	\$3,182.49	\$1,161.54	\$4,344.03
6615008069	FLORIDA	FT PIERCE	WAREHOUSES	CHEMICAL STORAGE	PESTICIDE/FERTILIZER STORAGE 3	1999	1766	\$96.39	\$0.00	\$96.39
6615008070	FLORIDA	FT PIERCE	WAREHOUSES	CHEMICAL STORAGE	GREENHOUSE 4	1999	900	\$122.82	\$0.00	\$122.82
6615008071	FLORIDA	FT PIERCE	ALL OTHER	WATER SYSTEM BUILDING	PUMP SHELTERS 5-13	1999	900	\$0.00	\$0.00	\$0.00

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Estimated Maintenance		
								DM Critical	DM Non-Critical	DM Total
6618008201	FLORIDA	GROVELAND	WAREHOUSES	STORAGE BUILDING	MACHINE STORAGE/OFFICE BLDG. 1	1963	2880	\$33,411.32	\$57,939.16	\$91,350.48
6618008202	FLORIDA	GROVELAND	ALL OTHER	GREENHOUSE	MACHINE STORAGE 2	1962	812	\$55,663.82	\$0.00	\$55,663.82
6618008203	FLORIDA	GROVELAND	WAREHOUSES	STORAGE BUILDING	MACHINE STORAGE BUILDING	1962	1000	\$24,202.31	\$18,505.53	\$42,717.84
6618008204	FLORIDA	GROVELAND	WAREHOUSES	CHEMICAL STORAGE	FEED MILL	1966	1200	\$17,548.14	\$64,530.45	\$82,078.59
6618008205	FLORIDA	GROVELAND	WAREHOUSES	SHED STORAGE	MACHINE STORAGE SHED 5	1966	1270	\$17,668.84	\$0.00	\$17,668.84
6618008206	FLORIDA	GROVELAND	ALL OTHER	GREENHOUSE	GREENHOUSE 6	1967	612	\$41,354.19	\$0.00	\$41,354.19
6618008211	FLORIDA	GROVELAND	ALL OTHER	GREENHOUSE	GREENHOUSE 11	1979	2160	\$19,703.84	\$0.00	\$19,703.84
6618008212	FLORIDA	GROVELAND	ALL OTHER	GREENHOUSE	GREENHOUSE 12	1979	2160	\$19,703.84	\$0.00	\$19,703.84
6618008217	FLORIDA	GROVELAND	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING	1978	1440	\$17,552.01	\$0.00	\$17,552.01
6618008218	FLORIDA	GROVELAND	ALL OTHER	GREENHOUSE	GREENHOUSE 18	2005	1104	\$0.00	\$0.00	\$0.00
6618008219	GEORGIA	TIFTON	ALL OTHER	GREENHOUSE	GREENHOUSE 19	2005	1104	\$0.00	\$0.00	\$0.00
6619008001	FLORIDA	BROOKSVILLE	OFFICE	OFFICE	STORAGE 1	1938	1440	\$16,090.73	\$20,540.68	\$46,631.41
6619008003	FLORIDA	BROOKSVILLE	FAMILY HOUSING	RESIDENCE	RESIDENCE 3	1932	1274	\$6,258.12	\$36,761.63	\$43,019.75
6619008004	FLORIDA	BROOKSVILLE	FAMILY HOUSING	RESIDENCE	RESIDENCE 4	1932	1274	\$6,258.12	\$36,761.63	\$43,019.75
6619008005	FLORIDA	BROOKSVILLE	ALL OTHER	SHED STORAGE	GENEPOOL REPOSITORY 5	1932	575	\$81.21	\$62,311.35	\$62,392.56
6619008006	FLORIDA	BROOKSVILLE	WAREHOUSES	SHED STORAGE	GENEPOOL REPOSITORY 6	1932	910	\$10,436.46	\$22,462.56	\$32,900.02
6619008007	FLORIDA	BROOKSVILLE	WAREHOUSES	SHED STORAGE	GENEPOOL REPOSITORY 7	1932	910	\$10,436.46	\$22,462.56	\$32,900.02
6619008008	FLORIDA	BROOKSVILLE	ALL OTHER	SHED STORAGE	GENEPOOL REPOSITORY 8	1932	910	\$10,436.46	\$22,462.56	\$32,900.02
6619008009	FLORIDA	BROOKSVILLE	ALL OTHER	SHED STORAGE	GENEPOOL REPOSITORY 9	1932	910	\$10,436.46	\$22,462.56	\$32,900.02
6619008010	FLORIDA	BROOKSVILLE	WAREHOUSES	SHED STORAGE	MECHANIC BARN 8	1935	1800	\$70,761.21	\$0.00	\$70,761.21
6619008011	FLORIDA	BROOKSVILLE	WAREHOUSES	SHED STORAGE	MECHANIC BARN 9	1938	1302	\$0.00	\$33,611.97	\$33,611.97
6619008012	FLORIDA	BROOKSVILLE	WAREHOUSES	SHED STORAGE	LUMBER SHED 10	1938	1333	\$0.00	\$31,973.88	\$31,973.88
6619008013	FLORIDA	BROOKSVILLE	WAREHOUSES	SHED STORAGE	FEED ROOM 12	1968	600	\$14,920.38	\$8,316.25	\$23,236.63
6619008014	FLORIDA	BROOKSVILLE	WAREHOUSES	SHED STORAGE	HAY AND FERTILIZER SHED 13	1958	2400	\$21,039.25	\$0.00	\$21,039.25
6619008017	FLORIDA	BROOKSVILLE	ALL OTHER	ANIMAL FACILITY, ALL OTHER	CATTLE BARN 14	1935	11000	\$135,414.05	\$158,866.75	\$294,280.79
6619008018	FLORIDA	BROOKSVILLE	SERVICE	SHOP	CARPENTER SHOP 17	1938	1200	\$16,469.98	\$25,449.77	\$41,919.76
6619008021	FLORIDA	BROOKSVILLE	WAREHOUSES	SHED STORAGE	MACHINERY SHED 18	1935	3216	\$0.00	\$77,723.36	\$77,723.36
6619008025	FLORIDA	BROOKSVILLE	ALL OTHER	PUMPHOUSE SERVICE	ASSEMBLY HALL 21	1936	980	\$46,077.09	\$5,705.20	\$51,782.29
6619008027	FLORIDA	BROOKSVILLE	SERVICE	PUMPHOUSE	PUMP HOUSE 25	1933	216	\$21,617.07	\$4,635.75	\$26,252.82
6619008028	FLORIDA	BROOKSVILLE	TOILETORIES/BARR	SHOP	GUEST QUARTERS 27	1935	672	\$4,916.69	\$15,383.08	\$20,299.77
6619008029	FLORIDA	BROOKSVILLE	SERVICE	SHOP	SHOP/MACHINE/FEED SHED 28	1980	3776	\$19,204.52	\$0.00	\$19,204.52
6619008030	FLORIDA	BROOKSVILLE	LABORATORIES	LABORATORY	LABORATORY 29	1986	2840	\$21,400.45	\$7,694.90	\$29,095.35
6619008031	FLORIDA	BROOKSVILLE	OFFICE	OFFICE	OFFICE 30	1987	3600	\$17,952.26	\$10,863.85	\$28,816.11
6621058001	FLORIDA	WINTER HAVEN	LABORATORIES	RESEARCH OFFICE/LABORATORY	MAIN OFFICE/LAB 1	1960	26672	\$83,175.03	\$215,330.56	\$598,505.59
6621058002	FLORIDA	WINTER HAVEN	WAREHOUSES	GARAGE	GARAGE 2	1960	880	\$2,129.26	\$10,677.29	\$12,806.55
6621058003	FLORIDA	WINTER HAVEN	WAREHOUSES	CHEMICAL STORAGE	SOLVENT STORAGE BUILDING 3	1960	289	\$2,885.78	\$25,520.61	\$28,406.39
6621058004	FLORIDA	WINTER HAVEN	WAREHOUSES	STORAGE BUILDING	STORAGE BUILDING 4	1963	800	\$1,379.22	\$4,462.09	\$5,841.31
6625008001	FLORIDA	CANAL POINT	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB/HEADHOUSE 1	1968	7238	\$134,490.40	\$82,987.85	\$217,478.25
6625008002	FLORIDA	CANAL POINT	OFFICE	OFFICE	ADMINISTRATION BUILDING 2	1930	2200	\$7,054.56	\$25,557.60	\$32,612.16
6625008003	FLORIDA	CANAL POINT	ALL OTHER	GREENHOUSE	PATHOLOGY GREENHOUSE 3	1967	1260	\$3,209.76	\$69,267.96	\$72,477.72
6625008004	FLORIDA	CANAL POINT	ALL OTHER	GREENHOUSE	PATHOLOGY GREENHOUSE 4	1968	1400	\$13,107.96	\$69,267.96	\$82,375.92
6625008005	FLORIDA	CANAL POINT	ALL OTHER	GREENHOUSE	SEEDLING GREENHOUSE 5	1967	3000	\$27,845.80	\$124,988.50	\$152,834.30
6625008006	FLORIDA	CANAL POINT	ALL OTHER	GREENHOUSE	SEEDLING GREENHOUSE 6	1967	3000	\$27,845.80	\$124,988.50	\$152,834.30
6625008007	FLORIDA	CANAL POINT	ALL OTHER	HEADHOUSE/GREENHOUSE	QUARANTINE HK/GREENHOUSE 7	1975	1140	\$3,389.08	\$75,735.12	\$79,124.20
6625008008	FLORIDA	CANAL POINT	ALL OTHER	GREENHOUSE	GENETICS GREENHOUSE 8	1975	782	\$7,669.08	\$15,776.60	\$23,445.68
6625008013	FLORIDA	CANAL POINT	ALL OTHER	ANIMAL FACILITY, ALL OTHER	PHOTOPEECH/BREEDING ASE 13	1981	3000	\$66,504.25	\$3,145.05	\$69,649.30
6625008016	FLORIDA	CANAL POINT	ALL OTHER	SHED STORAGE	Building 16	1998	80	\$0.00	\$0.00	\$0.00
6625008018	FLORIDA	CANAL POINT	ALL OTHER	NEW CROSSING SHED 18	Building 23	1989	5804	\$109,229.95	\$105,894.95	\$215,124.90
6625008023	FLORIDA	CANAL POINT	ALL OTHER	STORAGE BUILDING	Building 23	1980	300	\$0.00	\$0.00	\$0.00
6625008026	FLORIDA	CANAL POINT	WAREHOUSES	CHEMICAL STORAGE	HERBICIDE AND PESTICIDE SHED 26	2001	250	\$0.00	\$0.00	\$0.00
6625008027	FLORIDA	CANAL POINT	ALL OTHER	ALL OTHER	Building 27	1998	300	\$0.00	\$35,142.00	\$35,142.00
6625008030	FLORIDA	CANAL POINT	WAREHOUSES	STORAGE BUILDING	Building 30	1998	80	\$0.00	\$0.00	\$0.00
6625008032	FLORIDA	CANAL POINT	SERVICE	PUMPHOUSE SERVICE	Building 32	1999	144	\$0.00	\$0.00	\$0.00
6625008033	FLORIDA	CANAL POINT	SERVICE	SHOP	VEHICLE MAINTENANCE SHOP 33	2003	3600	\$542.34	\$0.00	\$542.34

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Disaster Maintenance		
								DW Critical	DW Non-Critical	DM Total
6625008094	FLORIDA	CANAL POINT	LABORATORY	LABORATORY	PATHOLOGY & SOILS BUILDING 34	1988	3000	\$0.00	\$0.00	\$0.00
6625008094	FLORIDA	CANAL POINT	LABORATORY	ALL OTHER	MIL HOUSE 9A	1988	1000	\$0.00	\$0.00	\$0.00
6625008094	FLORIDA	CANAL POINT	WAREHOUSES	STORAGE BUILDING	VEHICLE STORAGE SHED 10A	2000	2100	\$317.00	\$0.00	\$317.00
662500811A	FLORIDA	CANAL POINT	WAREHOUSES	STORAGE BUILDING	VEHICLE STORAGE SHED 11A	2004	1800	\$0.00	\$0.00	\$0.00
6629008001	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 2 FARM LAB/GREENHOUSE 1	1960	1080	\$2,537.88	\$32,537.78	\$35,063.61
6629008001	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 2 FARM LAB/GREENHOUSE 2	1966	600	\$13,305.60	\$10,106.40	\$23,412.00
6629008003	FLORIDA	FORT LAUDERDALE	SERVICE	PUMP/HOUSE, SERVICE	PHIL 3 INSECTARY & WET LAB 3	1966	3500	\$34,733.88	\$3,678.36	\$38,412.24
6629008004	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 4 PUMP HOUSE	1972	224	\$1,196.80	\$0.00	\$1,196.80
6629008005	FLORIDA	FORT LAUDERDALE	WAREHOUSES	GARAGE & SHOP 5	PHIL 5 GARAGE & SHOP 5	1972	2460	\$5,679.20	\$0.00	\$5,679.20
6629008006	FLORIDA	FORT LAUDERDALE	WAREHOUSES	GARAGE & SHOP 6	PHIL 6 ENTO/LOGIC GREENHOUSE 6	1974	540	\$0.00	\$0.00	\$0.00
6629008010	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 7 ENTO/LOGIC GREENHOUSE 7	1974	1250	\$0.00	\$0.00	\$0.00
6629008011	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 8 ENTO/LOGIC GREENHOUSE 8	1974	1250	\$0.00	\$0.00	\$0.00
6629008012	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 9 ENTO/LOGIC GREENHOUSE 9	1974	1250	\$0.00	\$0.00	\$0.00
6629008013	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 10 ENTO/LOGIC GREENHOUSE 10	1974	1250	\$0.00	\$0.00	\$0.00
6629008017	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 11 ENTO/LOGIC GREENHOUSE 11	1974	1250	\$0.00	\$0.00	\$0.00
6629008018	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 12 ENTO/LOGIC GREENHOUSE 12	1974	1250	\$0.00	\$0.00	\$0.00
6629008019	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 13 ENTO/LOGIC GREENHOUSE 13	1974	1250	\$0.00	\$0.00	\$0.00
6629008020	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 14 ENTO/LOGIC GREENHOUSE 14	1974	1250	\$0.00	\$0.00	\$0.00
6629008021	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 15 ENTO/LOGIC GREENHOUSE 15	1974	1250	\$0.00	\$0.00	\$0.00
6629008022	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 16 ENTO/LOGIC GREENHOUSE 16	1974	1250	\$0.00	\$0.00	\$0.00
6629008023	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 17 ENTO/LOGIC GREENHOUSE 17	1974	1250	\$0.00	\$0.00	\$0.00
6629008024	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 18 ENTO/LOGIC GREENHOUSE 18	1974	1250	\$0.00	\$0.00	\$0.00
6629008025	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 19 ENTO/LOGIC GREENHOUSE 19	1974	1250	\$0.00	\$0.00	\$0.00
6629008026	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 20 ENTO/LOGIC GREENHOUSE 20	1974	1250	\$0.00	\$0.00	\$0.00
6629008027	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 21 ENTO/LOGIC GREENHOUSE 21	1974	1250	\$0.00	\$0.00	\$0.00
6629008028	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 22 ENTO/LOGIC GREENHOUSE 22	1974	1250	\$0.00	\$0.00	\$0.00
6629008029	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 23 ENTO/LOGIC GREENHOUSE 23	1974	1250	\$0.00	\$0.00	\$0.00
6629008030	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 24 ENTO/LOGIC GREENHOUSE 24	1974	1250	\$0.00	\$0.00	\$0.00
6629008031	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 25 ENTO/LOGIC GREENHOUSE 25	1974	1250	\$0.00	\$0.00	\$0.00
6629008032	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 26 ENTO/LOGIC GREENHOUSE 26	1974	1250	\$0.00	\$0.00	\$0.00
6629008033	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 27 ENTO/LOGIC GREENHOUSE 27	1974	1250	\$0.00	\$0.00	\$0.00
6629008034	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 28 ENTO/LOGIC GREENHOUSE 28	1974	1250	\$0.00	\$0.00	\$0.00
6629008035	FLORIDA	FORT LAUDERDALE	LABORATORIES	LABORATORY	PHIL 29 ENTO/LOGIC GREENHOUSE 29	1974	1250	\$0.00	\$0.00	\$0.00

ARIS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Decreased Maintenance		
								DM Critical	DM Non-Critical	DM Total
663100807	FLORIDA	MIAMI	OFFICE	OFFICE	ENTOMOLOGICAL OFFICE 57	1976	1941	\$22,033.35	\$367.65	\$22,401.00
663100808	FLORIDA	MIAMI	LABORATORIES	LABORATORY	CHEMISTRY/LAB/OFFICE 62	1981	3200	\$55,267.00	\$7,099.20	\$62,366.20
663100809	FLORIDA	MIAMI	WAREHOUSES	CHEMICAL STORAGE	LABORATORY/OFFICE 63	1988	6275	\$91,521.20	\$12,799.40	\$104,320.60
663100810	FLORIDA	MIAMI	SERVICE	SHOP	DESIGN & FABRICATION SHOP 82	1989	1000	\$5,581.85	\$0.00	\$5,581.85
663100811	FLORIDA	MIAMI	ALL OTHER	INSECT FACILITY	INSECTARY 86	1990	500	\$48.80	\$0.00	\$48.80
663100812	FLORIDA	MIAMI	ALL OTHER	GREENHOUSE	SHRS LABORATORY/OFFICE 89	1993	34729	\$147.90	\$305.73	\$305.996.60
663100813	FLORIDA	MIAMI	Laboratories	LABORATORY	GREENHOUSE 88 (REPLACED #64)	1993	34729	\$222.70	\$0.00	\$222.70
663100814	FLORIDA	MIAMI	ALL OTHER	GREENHOUSE	Building 103	1990	6000	\$42,987.00	\$0.00	\$42,987.00
663100815	FLORIDA	MIAMI	OFFICE	TRAILER, OFFICE	Building 114	1988	960	\$0.00	\$103,848.00	\$103,848.00
663100816	FLORIDA	MIAMI	OFFICE	TRAILER, OFFICE	Building 116	1985	750	\$0.00	\$81,132.00	\$81,132.00
663505801	PUERTO RICO	MAYAGUEZ	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LABORATORY 1	1979	18000	\$143,862.65	\$296,568.91	\$440,431.57
663505802	PUERTO RICO	MAYAGUEZ	WAREHOUSES	CHEMICAL STORAGE	WAREHOUSE 3	1965	1303	\$12,389.73	\$109,569.62	\$121,959.36
663505803	PUERTO RICO	MAYAGUEZ	WAREHOUSES	STORAGE WAREHOUSE	WAREHOUSE 5	1966	144	\$4,727.68	\$86,844.13	\$91,571.80
663505804	PUERTO RICO	MAYAGUEZ	SERVICE	PUMPHOUSE SERVICE	PUMP HOUSE 9	1967	1042	\$14,460.27	\$697.26	\$15,157.53
663505805	PUERTO RICO	MAYAGUEZ	ALL OTHER	GREENHOUSE	GREENHOUSE 11	1967	1250	\$125.00	\$36,082.00	\$36,207.00
663505806	PUERTO RICO	MAYAGUEZ	ALL OTHER	GREENHOUSE	PLANT SHADE 8	1962	108	\$13.57	\$982.75	\$996.32
663505807	PUERTO RICO	MAYAGUEZ	SERVICE	FILLING STATION, SERVICE	FILLING STATION 9	1970	108	\$13.57	\$982.75	\$996.32
663505808	PUERTO RICO	MAYAGUEZ	ALL OTHER	SCREENHOUSE	SCREENHOUSE 13	1942	756	\$14,243.85	\$32,573.19	\$46,817.04
663505809	PUERTO RICO	MAYAGUEZ	WAREHOUSES	STORAGE BUILDING	COLD STORAGE 13	1942	512	\$70.50	\$54,096.23	\$54,166.73
663505810	PUERTO RICO	MAYAGUEZ	FAMILY HOUSING	RESIDENCE	RESIDENCE 18	1948	1298	\$4,992.58	\$7,730.33	\$12,722.90
663505811	PUERTO RICO	MAYAGUEZ	FAMILY HOUSING	RESIDENCE	RESIDENCE 20	1948	1378	\$5,300.29	\$8,206.77	\$13,507.06
663505812	PUERTO RICO	MAYAGUEZ	OFFICE	ALL OTHER	STORAGE/SERVICE BUILDING 21	1918	1200	\$5,068.76	\$38,359.79	\$43,428.55
663505813	PUERTO RICO	MAYAGUEZ	OFFICE	OFFICE	NRCS OFFICE 22	1965	1762	\$6,664.12	\$30,318.48	\$36,982.60
663505814	PUERTO RICO	MAYAGUEZ	OFFICE	OFFICE	NRCS OFFICE 23	1964	1888	\$7,140.67	\$11,065.35	\$18,206.02
663505815	PUERTO RICO	MAYAGUEZ	RESIDENCE	RESIDENCE 26	RESIDENCE 26	1948	1341	\$5,157.57	\$7,986.42	\$13,144.39
663505816	PUERTO RICO	MAYAGUEZ	FAMILY HOUSING	RESIDENCE	RESIDENCE 28	1948	1601	\$6,136.02	\$9,534.86	\$15,670.88
663505817	PUERTO RICO	MAYAGUEZ	WAREHOUSES	STORAGE	COVER SHED 30	1948	1348	\$1,286.77	\$27,088.01	\$28,374.78
663505818	PUERTO RICO	MAYAGUEZ	WAREHOUSES	SHOP	SHOP/WAREHOUSE 31	1959	1375	\$1,286.77	\$27,088.01	\$28,374.78
663505819	PUERTO RICO	MAYAGUEZ	SERVICE	SCREENHOUSE	SHADEHOUSE 32	1988	1330	\$24,870.21	\$56,873.82	\$81,744.04
663505820	PUERTO RICO	MAYAGUEZ	ALL OTHER	SCREENHOUSE	SHADEHOUSE 33	1988	1330	\$24,870.21	\$56,873.82	\$81,744.04
663505821	PUERTO RICO	MAYAGUEZ	ALL OTHER	SCREENHOUSE	SHADEHOUSE 34	1988	2850	\$53,697.05	\$122,795.75	\$176,492.81
663505822	PUERTO RICO	MAYAGUEZ	ALL OTHER	SCREENHOUSE	SHADE SCREEN 36	1968	2576	\$588.12	\$0.00	\$588.12
663505823	PUERTO RICO	MAYAGUEZ	SERVICE	PUMPHOUSE SERVICE	PUMP HOUSE/IRRIG SYSTEM 37	1968	144	\$4,727.23	\$1,543.19	\$6,270.43
663505824	PUERTO RICO	MAYAGUEZ	ALL OTHER	GREENHOUSE	GREENHOUSE 40	1970	1260	\$2,237.52	\$0.00	\$2,237.52
663505825	PUERTO RICO	MAYAGUEZ	ALL OTHER	GREENHOUSE	GREENHOUSE 41	1970	540	\$42,580.20	\$0.00	\$42,580.20
663505826	PUERTO RICO	MAYAGUEZ	ALL OTHER	GREENHOUSE	GREENHOUSE 42	1970	540	\$42,580.20	\$0.00	\$42,580.20
663505827	PUERTO RICO	MAYAGUEZ	ALL OTHER	GREENHOUSE	GREENHOUSE 43	1970	540	\$42,580.20	\$0.00	\$42,580.20
663505828	PUERTO RICO	MAYAGUEZ	ALL OTHER	GREENHOUSE	GREENHOUSE 44	1971	540	\$5,789.93	\$51,217.15	\$57,007.08
663505829	PUERTO RICO	MAYAGUEZ	ALL OTHER	GREENHOUSE	GREENHOUSE 45	1971	540	\$5,789.93	\$51,217.15	\$57,007.08
663505830	PUERTO RICO	MAYAGUEZ	LABORATORY	OFFICE	GREENHOUSE 46	1971	2400	\$107,377.94	\$36,322.59	\$143,700.53
663505831	PUERTO RICO	MAYAGUEZ	LABORATORIES	LABORATORY	IMPLEMENT COVER SHED 2	1973	2400	\$4,580.69	\$0.00	\$4,580.69
663505832	PUERTO RICO	MAYAGUEZ	WAREHOUSES	SHED, STORAGE	IMPLEMENT COVER SHED 4	1973	2400	\$4,580.69	\$0.00	\$4,580.69
663505833	PUERTO RICO	MAYAGUEZ	WAREHOUSES	GREENHOUSE	GREENHOUSE NO. 6	1974	476	\$1,954.87	\$56,276.90	\$58,231.76
663505834	PUERTO RICO	MAYAGUEZ	WAREHOUSES	CHEMICAL STORAGE	FERTILIZER STORAGE 3	1980	400	\$464.65	\$0.00	\$464.65
663505835	PUERTO RICO	MAYAGUEZ	WAREHOUSES	TRAILER, STORAGE	TRAILER WAREHOUSE NO. 7	1982	320	\$399.34	\$0.00	\$399.34
663505836	PUERTO RICO	MAYAGUEZ	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB BUILDING NO. 8	1984	3500	\$73,548.22	\$14,716.92	\$88,265.14
663505837	PUERTO RICO	MAYAGUEZ	WAREHOUSES	SHED, STORAGE	COVER SHED NO. 9	1985	2400	\$733.92	\$0.00	\$733.92
663505838	PUERTO RICO	MAYAGUEZ	WAREHOUSES	CHEMICAL STORAGE	PESTICIDES TRAILER NO. 10	1985	320	\$2,321.64	\$0.00	\$2,321.64
663505839	PUERTO RICO	MAYAGUEZ	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB BUILDING NO. 11	1991	1240	\$7,318.45	\$349.74	\$7,668.19
663505840	PUERTO RICO	MAYAGUEZ	LABORATORIES	RESEARCH OFFICE/LABORATORY	OFFICE/LAB 1	1956	4500	\$66,642.55	\$33,053.80	\$99,696.35
663505841	PUERTO RICO	MAYAGUEZ	LABORATORIES	LABORATORY	LABORATORY/STORAGE 2	1959	1600	\$23,227.34	\$22,382.43	\$45,609.76

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Subcategory	Name	Year Constructed	Gross Sq Ft	Estimated Maintenance		
								DM Critical	DM Non-Critical	DM Total
6639008003	ST ERDIX	KINGS HILL	SERVICE	WAREHOUSES	SHOP	1956	3150	\$19,222.14	\$2,833.49	\$4,055.63
6639008004	ST ERDIX	KINGS HILL	WAREHOUSES	WAREHOUSES	STORAGE BUILDING	1956	189	\$794.90	\$3,354.79	\$4,149.69
6639008015	ST ERDIX	KINGS HILL	WAREHOUSES	WAREHOUSES	STORAGE BUILDING	1994	1765	\$24.25	\$0.00	\$24.25
6645008001	NORTH CAROLINA	RALEIGH	ALL OTHER	GREENHOUSE	GREENHOUSE 15	1968	2100	\$168.59	\$118,121.11	\$118,289.70
6645008002	NORTH CAROLINA	RALEIGH	ALL OTHER	GREENHOUSE	GREENHOUSE 2	1968	2100	\$31,999.11	\$23,159.24	\$55,158.35
6645008003	NORTH CAROLINA	RALEIGH	ALL OTHER	GREENHOUSE	GREENHOUSE 3	1965	1000	\$60,486.14	\$42,457.37	\$102,943.51
6645008004	NORTH CAROLINA	RALEIGH	ALL OTHER	GREENHOUSE	GREENHOUSE 4	1968	2196	\$33,096.30	\$292,867.97	\$325,964.27
6645008007	NORTH CAROLINA	RALEIGH	WAREHOUSES	WAREHOUSES	METAL STORAGE BUILDING	1977	4000	\$7,393.42	\$764.73	\$8,158.16
6645008008	NORTH CAROLINA	RALEIGH	ALL OTHER	ALL OTHER	METAL BUILDING 8	1978	3840	\$27,352.95	\$0.00	\$27,352.95
6645008009	NORTH CAROLINA	RALEIGH	ALL OTHER	ALL OTHER	METAL BUILDING 9	1978	5000	\$35,615.82	\$0.00	\$35,615.82
6645008010	NORTH CAROLINA	RALEIGH	WAREHOUSES	WAREHOUSES	HAY BARN 10	1981	7500	\$7,057.02	\$0.00	\$7,057.02
6645008011	NORTH CAROLINA	RALEIGH	LABORATORIES	LABORATORIES	PLANT SCIENCE FACILITY 11	1981	14100	\$697,210.08	\$201,188.31	\$898,398.39
6645008012	NORTH CAROLINA	RALEIGH	ALL OTHER	ALL OTHER	METAL BUILDING 12	1986	5000	\$35,615.82	\$0.00	\$35,615.82
6645008013	NORTH CAROLINA	RALEIGH	ALL OTHER	ALL OTHER	METAL STORAGE BUILDING	1986	4000	\$28,493.66	\$0.00	\$28,493.66
6645008014	NORTH CAROLINA	RALEIGH	WAREHOUSES	WAREHOUSES	METAL BUILDING 13	1988	1800	\$4,062.49	\$0.00	\$4,062.49
6645008015	NORTH CAROLINA	RALEIGH	OFFICE	OFFICE	GREENHOUSE 15	1988	1800	\$42,493.09	\$0.00	\$42,493.09
6645008016	NORTH CAROLINA	RALEIGH	OFFICE	OFFICE	TRAILER, OFFICE	1991	1100	\$21,735.10	\$0.00	\$21,735.10
6645008017	NORTH CAROLINA	RALEIGH	SERVICE	SERVICE	FORAGE METAL BLDG 17	1991	4000	\$32,735.10	\$10,000.06	\$42,735.16
6645008018	NORTH CAROLINA	RALEIGH	SERVICE	SERVICE	METAL SHOP BUILDING 18	2001	896	\$0.00	\$0.00	\$0.00
6645008019	NORTH CAROLINA	RALEIGH	OFFICE	OFFICE	OFFICE 1	1995	4320	\$83,210.08	\$75,404.08	\$158,614.16
6655008001	SOUTH CAROLINA	CLEMSON	LABORATORIES	LABORATORIES	FLAX PILOT PLANT/SHOP 2	1955	6912	\$110,869.63	\$54,989.82	\$165,859.44
6655008002	SOUTH CAROLINA	CLEMSON	WAREHOUSES	WAREHOUSES	STORAGE 3	1957	2160	\$21,614.33	\$0.00	\$21,614.33
6655008003	SOUTH CAROLINA	CLEMSON	WAREHOUSES	WAREHOUSES	COTTON WAREHOUSE 4	1960	5000	\$70,525.92	\$10,495.04	\$81,020.97
6655008005	SOUTH CAROLINA	CLEMSON	WAREHOUSES	WAREHOUSES	COTTON WAREHOUSE 5	1969	5000	\$78,732.47	\$6,043.85	\$84,776.32
6655008008	SOUTH CAROLINA	CLEMSON	OFFICE	OFFICE	MOD REMOTE RM 1 (TRAILER)	1981	720	\$2,612.12	\$506.67	\$3,118.79
6655008009	SOUTH CAROLINA	CLEMSON	WAREHOUSES	WAREHOUSES	TRAILER, STORAGE	1981	720	\$936.40	\$0.00	\$936.40
6655008010	SOUTH CAROLINA	CLEMSON	ALL OTHER	ALL OTHER	MOD REMOTE RM 2 (TRAILER)	1981	720	\$936.40	\$0.00	\$936.40
6655008011	SOUTH CAROLINA	CLEMSON	LABORATORIES	LABORATORIES	LAB/OFFICE 1	1984	4271	\$78,644.35	\$45,506.02	\$124,150.37
6655008012	SOUTH CAROLINA	CLEMSON	LABORATORIES	LABORATORIES	LAB/OFFICE 2	1984	3840	\$78,644.35	\$17,746.17	\$96,390.52
6655008013	SOUTH CAROLINA	CLEMSON	LABORATORIES	LABORATORIES	LAB/OFFICE 3	1984	3840	\$78,644.35	\$17,746.17	\$96,390.52
6657008001	SOUTH CAROLINA	FLORENCE	LABORATORIES	LABORATORIES	LAB/HEADHOUSE/GREENHOUSE 3	1965	2400	\$132,093.54	\$3,840.35	\$135,933.89
6657008002	SOUTH CAROLINA	FLORENCE	WAREHOUSES	WAREHOUSES	EQUIPMENT STORAGE 4	1967	6120	\$21,544.23	\$7,846.01	\$29,390.24
6657008004	SOUTH CAROLINA	FLORENCE	SERVICE	SERVICE	SHOP 5	1967	6120	\$21,544.23	\$7,846.01	\$29,390.24
6657008005	SOUTH CAROLINA	FLORENCE	WAREHOUSES	WAREHOUSES	CHEMICAL STORAGE 6	1969	216	\$9,357.02	\$0.00	\$9,357.02
6657008006	SOUTH CAROLINA	FLORENCE	WAREHOUSES	WAREHOUSES	EQUIPMENT STORAGE 7	1993	3000	\$0.00	\$0.00	\$0.00
6657008007	SOUTH CAROLINA	FLORENCE	WAREHOUSES	WAREHOUSES	STORAGE BUILDING	1987	950	\$0.00	\$0.00	\$0.00
6657008008	SOUTH CAROLINA	FLORENCE	WAREHOUSES	WAREHOUSES	QUONSET HUT 8	1987	950	\$0.00	\$0.00	\$0.00
6657008009	SOUTH CAROLINA	FLORENCE	OFFICE	OFFICE	OFFICE TRAILER 9	1992	720	\$0.00	\$65,519.77	\$65,519.77
6657008010	SOUTH CAROLINA	FLORENCE	LABORATORIES	LABORATORIES	LABORATORY TRAILER 10	1992	560	\$0.00	\$54,661.64	\$54,661.64
6657008011	SOUTH CAROLINA	FLORENCE	LABORATORIES	LABORATORIES	LABORATORY TRAILER 11	1973	128	\$0.00	\$12,493.88	\$12,493.88
6657008018	SOUTH CAROLINA	FLORENCE	ALL OTHER	ALL OTHER	TOBACCO CURING 18	1981	300	\$2,182.92	\$0.00	\$2,182.92
6657008019	SOUTH CAROLINA	FLORENCE	OFFICE	OFFICE	OFFICE TRAILER 19	2002	980	\$0.00	\$0.00	\$0.00
6657008020	SOUTH CAROLINA	FLORENCE	OFFICE	OFFICE	TRAILER, OFFICE	2006	1800	\$0.00	\$0.00	\$0.00
6657008021	SOUTH CAROLINA	FLORENCE	OFFICE	OFFICE	Green Offices 20	2006	1800	\$0.00	\$0.00	\$0.00
6657008022	SOUTH CAROLINA	FLORENCE	OFFICE	OFFICE	Green Offices 21	2006	1800	\$0.00	\$0.00	\$0.00
6657008023	SOUTH CAROLINA	FLORENCE	OFFICE	OFFICE	Green Offices 22	2006	1800	\$0.00	\$0.00	\$0.00
6657008024	SOUTH CAROLINA	FLORENCE	OFFICE	OFFICE	Green Offices 23	2006	1800	\$0.00	\$0.00	\$0.00
6659008001	SOUTH CAROLINA	CHARLESTON	SERVICE	SERVICE	FARM SHOP 3	1936	1125	\$11,262.00	\$6,884.00	\$18,146.00
6659008004	SOUTH CAROLINA	CHARLESTON	ALL OTHER	ALL OTHER	GROWTH ROOMS/STORAGE 4	1939	3769	\$16,011.00	\$22,305.00	\$38,316.00
6659008005	SOUTH CAROLINA	CHARLESTON	WAREHOUSES	WAREHOUSES	CHEMICAL STORAGE	1936	810	\$3,314.49	\$6,124.80	\$9,439.29
6659008006	SOUTH CAROLINA	CHARLESTON	WAREHOUSES	WAREHOUSES	SHED, STORAGE	1950	1532	\$2,801.60	\$608.80	\$3,410.40
6659008007	SOUTH CAROLINA	CHARLESTON	WAREHOUSES	WAREHOUSES	SHED, STORAGE	1950	3060	\$0.00	\$639.20	\$639.20
6659008008	SOUTH CAROLINA	CHARLESTON	SERVICE	SERVICE	PUMPHOUSE 2	2004	450	\$0.00	\$0.00	\$0.00
6659008009	SOUTH CAROLINA	CHARLESTON	SERVICE	SERVICE	PUMPHOUSE, SERVICE	2006	450	\$0.00	\$0.00	\$0.00
6659008010	SOUTH CAROLINA	CHARLESTON	SERVICE	SERVICE	PUMPHOUSE, SERVICE	2006	450	\$0.00	\$0.00	\$0.00
6659008012	SOUTH CAROLINA	CHARLESTON	WAREHOUSES	WAREHOUSES	INSECTICIDE STORAGE 12	1958	300	\$2,595.08	\$0.00	\$2,595.08
6659008013	SOUTH CAROLINA	CHARLESTON	ALL OTHER	ALL OTHER	ENTOMOLOGIST BUILDING 13	1971	384	\$859.20	\$1,787.20	\$2,646.40
6659008016	SOUTH CAROLINA	CHARLESTON	ALL OTHER	ALL OTHER	HEADHOUSE/GREENHOUSE 16	1967	4656	\$29,484.72	\$95,374.08	\$124,858.80
6659008017	SOUTH CAROLINA	CHARLESTON	WAREHOUSES	WAREHOUSES	STORAGE BUILDING	1974	1920	\$9,365.28	\$3,216.96	\$12,582.24

ARS Facilities Maintenance Needs and Estimated Costs

Building ID	State name	Physical City Name	Predominant Usage	Predominant Usage Subcategory	Name	Year Constructed	Gross SqFt	Disposed Maintenance		
								DM Critical	DM Non-Critical	DM Total
665900B018	SOUTH CAROLINA	CHARLESTON	WAREHOUSES	STORAGE BUILDING	STORAGE 18	1967	288	\$2,613.60	\$0.00	\$2,613.60
665900B019	SOUTH CAROLINA	CHARLESTON	ALL OTHER	HEADHOUSE/GREENHOUSE	HEADHOUSE/GREENHOUSE 19	1973	3450	\$123,178.40	\$30,105.52	\$153,283.92
665900B021	SOUTH CAROLINA	CHARLESTON	ALL OTHER	SCREENHOUSE	SCREENHOUSE 21	1973	8640	\$0.00	\$4,237.60	\$4,237.60
665900B024	SOUTH CAROLINA	CHARLESTON	WAREHOUSES	SHED, STORAGE	TRACTOR SHED 24	1957	2900	\$264.28	\$18,945.66	\$19,209.93
665900B030	SOUTH CAROLINA	CHARLESTON	WAREHOUSES	STORAGE BUILDING	QUONSET STORAGE 30	1957	2880	\$4,891.20	\$144,886.40	\$149,777.60
665900B031	SOUTH CAROLINA	CHARLESTON	SERVICE	SHOP	MAINTENANCE SHOP 31	1957	1251	\$7,976.80	\$8,011.20	\$15,988.00
665900B034	SOUTH CAROLINA	CHARLESTON	ALL OTHER	ALL OTHER	THRESHING ROOM 34	1936	714	\$465.64	\$7,137.08	\$7,602.72
665900B037	SOUTH CAROLINA	CHARLESTON	ALL OTHER	INSECT FACILITY	LAB/INSECT REARING FACILITY 37	1980	2550	\$10,728.63	\$14,421.18	\$25,149.80
665900B039	SOUTH CAROLINA	CHARLESTON	WAREHOUSES	STORAGE BUILDING	SEED STORAGE 39	1983	5000	\$28,269.00	\$10,559.00	\$38,828.00
665900B044	SOUTH CAROLINA	CHARLESTON	LABORATORY	LABORATORY	US VEGETABLE LABORATORY 44	2003	67119	\$25,231.68	\$586.08	\$25,817.76
665900B045	SOUTH CAROLINA	CHARLESTON	LABORATORY	HEADHOUSE/GREENHOUSE	HH/GH Complex 45 Assoc w B044	2004	41131	\$0.00	\$0.00	\$0.00
665900B046	SOUTH CAROLINA	CHARLESTON	ALL OTHER	Headhouse/Greenhouse	HEADHOUSE/GREENHOUSE	1976	1809	\$74,279.25	\$14,841.96	\$89,121.21
665900B047	SOUTH CAROLINA	CHARLESTON	ALL OTHER	GREENHOUSE	Greenhouse 1 Assoc w B046	1976	840	\$60,403.64	\$35,496.18	\$95,899.82
665900B048	SOUTH CAROLINA	CHARLESTON	ALL OTHER	GREENHOUSE	Greenhouse 2 Assoc w B046	1976	840	\$60,403.64	\$35,496.18	\$95,899.82
665900B049	SOUTH CAROLINA	CHARLESTON	SERVICE	SHOP	Garage Workshop F5 (former #47)	1976	2120	\$7,138.00	\$3,606.00	\$10,744.00
665900B050	SOUTH CAROLINA	CHARLESTON	OFFICE	LABORATORY, OFFICE	F5 Lab/Office (former #48)	1976	10392	\$96,717.90	\$65,115.15	\$161,833.05
								\$177,794,623.47	\$111,636,544.18	\$289,431,167.65

ARS OWNED AND LEASED AIRCRAFT

Mr. Kingston: Please update the committee on the number and type of aircraft currently owned and leased by ARS.

Response: The Agricultural Research Service owns and operates six aircrafts located at College Station and Weslaco, Texas. The information is submitted for the record.

[The information follows:]

Aircraft Inventory

1979 Cessna Aircraft Company 188C, Tail Number: N2182J
 1979 Rogersen Hiller UH12E, Tail Number: N16NR
 1977 Cessna Aircraft Company 404, Tail Number: N306SK
 1996 Air Tractor 402B, Tail Number: N38HT
 1967 Bell Helicopter U206B, Tail Number: N616
 1978 Cessna Aircraft Company TU206G, Tail Number: N756NN

NATIONAL ARBORETUM

Mr. Kingston: Please provide the budget for the National Arboretum for fiscal year 2010 and 2011 and the 2012 estimate.

Response: The ARS budget for the National Arboretum in fiscal year 2010/2011CR is \$11,535,000 and fiscal year 2012 is estimated at \$11,436,000.

NATIONAL AGRICULTURAL LIBRARY

Mr. Kingston: Please provide the budget for the National Agricultural Library for fiscal years 2010 and 2011 and the 2012 estimate.

Response: The budget for the National Agricultural Library in fiscal year 2010/2011CR is \$23,088,000. The fiscal year 2012 estimate is \$24,434,000. All funding includes \$855,000 for Repair and Maintenance.

ARS FACILITY STUDY

Mr. Kingston: Please update the committee on the ARS facility study currently underway, including information on the how each facility is being assessed.

Response: With the February 2004 issuance of E.O. 13327, Federal Real Property Asset Management, USDA recognized the need to adopt a more consistent, structured, performance-based, integrated planning process to better enable the Agency to oversee management of its extensive real property portfolio. In October 2007, USDA issued the Real Property Capital Programming and Investment Process (CPIP). The CPIP was based upon the OMB Capital Planning and Investment Control (CPIC) guidance (OMB A-11 Part 7; Planning, Budgeting, and Acquisition of Capital Assets.) An ARS specific CPIP - the ARS Building Block Plan (BBP) - was included as an appendix.

Similar to the USDA Plan, ARS built its process around the OMB CPIC guidance; this allowed ARS to evaluate real property investments based upon risks and returns throughout their lifecycle while ensuring that USDA and ARS' investments are well-conceived, cost-effective, and support strategic mission and business goals. ARS has evaluated its portfolio of real property based upon their physical attributes using parametric estimates (evaluating a select number of facilities and then applying the findings to the balance of facilities taking into account facility age, type, and use). We are now in the process of applying program related criteria related to:

- Unique national resources;
- High priority research programs;
- Essential research capacity; and
- Research program critical to ARS support of action and regulatory agencies.

By applying these program related criteria, ARS will be in a position to identify those real property assets that warrant priority attention and investment to ensure core and priority research needs are met in accordance with the Administration's desire to align the capital investment in facilities with priority program goals.

AFLATOXIN RESEARCH

Mr. Kingston: Please provide a summary of ARS research on aflatoxin, including funding, major projects, recipients and location of recipients, for fiscal years 2009 through 2011. Also, describe ARS's plan for fiscal year 2012.

Response: ARS conducts aflatoxin research at Centers in Athens and Dawson, Georgia; Tucson, Arizona; Stoneville, Mississippi; New Orleans, Louisiana and Albany, California. Research focuses on the development of detection and characterization technologies for *Aspergillus* and *Fusarium* strains and their related toxins. ARS also develops technologies to reduce or eliminate hazards of naturally occurring toxins of fungal or plant-fungal origin in corn, cereal and forage grasses that adversely affect poultry, livestock or human health, and thereby lower the value of these agricultural commodities. Significant efforts are directed towards biocontrol strategies for limiting contamination of crops where atoxigenic strains of *Aspergillus flavus* (strains that lack the ability to produce aflatoxins) competitively exclude aflatoxin producers from environments where crops are grown. These atoxigenic strains, available in the United States, are being used in Africa to reduce human exposure to aflatoxin. Afla-guard, a non-toxicogenic strain developed at Dawson, Georgia, was approved by the EPA for use on peanuts and is now used commercially on that crop. ARS researchers in Albany, California, identified a number of safe, natural products that significantly enhance the effectiveness of commercial fungicides, such as strobilurin and fludioxonil and are effective against a number of human pathogenic fungi that cause aspergillosis (collaboration with the HHS Centers for Disease Control (CDC)). Finally, ARS researchers have led in developing and validating fumonisin exposure markers and biomarkers of altered sphingolipid metabolism in humans which are being used by the CDC in Africa and Guatemala. Using rodent models, mycotoxin metabolite toxicity is being evaluated to understand the effects on the development of neural tube defects during fetal development (partially funded by the HHS National Institutes of Health).

ARS research activities related to aflatoxin funding in fiscal year 2009 was \$14,223,000; fiscal year 2010/2011CR is \$14,498,000; and fiscal year 2012 is estimated at \$14,073,000.

OFFICE OF PEST MANAGEMENT POLICY

Mr. Kingston: Please update the committee on staffing and expenditures for the Office of Pest Management Policy for fiscal years 2009 through 2011. What are the specific needs for FY 2012?

Response: Funding for the Office of Pest Management Policy (OPMP) in fiscal year 2009 was \$1,686,000 and fiscal year 2010 and 2011 is \$1,712,000. The President's fiscal year 2012 budget request is \$1,712,000. Salary and expenses for nine staff are supported with this level of funding, along with limited additional funds from the USDA Advisory Committee on Biotechnology and 21st Century Agriculture which receives staff support from OPMP. Specific needs for fiscal year 2012 are covered by continued salary and expense support. OPMP continues to work with the Environmental Protection Agency (EPA), USDA agencies, National Marine Fisheries Service (NMFS), numerous other Federal agencies, and agricultural producers to ensure the development and use of high quality agricultural information and data for pesticide risk assessment and risk mitigation, and for threatened and endangered species biological opinions. OPMP, in conjunction with the four USDA Integrated Pest Management Centers, also work with growers to develop and implement plans to transition to more effective and lower-risk pest management tactics. This effort has become increasingly important as EPA continues its implementation of the Food Quality Protection Act through pesticide registration review. In addition, OPMP is responsible for the interagency coordination, stakeholder outreach, and planning and development for the National Plant Disease Recovery System required by Homeland Security Presidential Directive #9, and is working closely with EPA Office of Water in providing input regarding development of the Draft General Permit for pesticides used over, in or near water to be required under the National Pollution Discharge Elimination System (NPDES). OPMP is the technical lead for comments by USDA agencies for inter-agency review requests from EPA and the State Department for numerous toxic substances.

National Institute of Food and Agriculture

HATCH ACT

Mr. Kingston: Please provide a chart showing the allocation of Hatch Act funding per university for fiscal years 2010 and 2011 and 2012 estimate. Include the number of personnel supported by the funding.

Response: Recipients of Hatch Act funds have the flexibility to distribute funds among research projects, infrastructure, and personnel as they wish to meet the needs of their university. The distribution of these dollars varies from state to state. Recipient institutions complete assembly of personnel data approximately eight months after the close of the fiscal year. Fiscal year 2010 data is being collected now and is not yet available. The recipient institutions do not provide personnel estimates to NIFA, so estimates for fiscal years 2011 and 2012 are not available.

[The information follows:]

	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012
Auburn University	\$4,554,000	\$4,554,000	\$4,337,000
University of Alaska	1,128,000	1,128,000	1,073,000
American Samoa Community College	824,000	824,000	783,000
University of Arizona	2,231,000	2,231,000	2,127,000
University of Arkansas	3,850,000	3,850,000	3,666,000
University of California	5,998,000	5,998,000	5,715,000
Colorado State University	3,058,000	3,058,000	2,915,000
University of Connecticut New Haven	886,000	886,000	844,000
University of Connecticut Storrs	1,144,000	1,144,000	1,090,000
University of Delaware	1,461,000	1,461,000	1,392,000
University of District of Columbia	798,000	798,000	760,000
University of Florida	3,435,000	3,435,000	3,271,000
University of Georgia	5,483,000	5,483,000	5,223,000
University of Guam	977,000	977,000	930,000
University of Hawaii	1,459,000	1,459,000	1,390,000
University of Idaho	2,423,000	2,423,000	2,309,000
University of Illinois	6,216,000	6,216,000	5,919,000
Purdue University	5,678,000	5,678,000	5,405,000
Iowa State University	6,872,000	6,872,000	6,547,000
Kansas State University	3,900,000	3,900,000	3,714,000
University of Kentucky	5,734,000	5,734,000	5,459,000
Louisiana State University	3,539,000	3,539,000	3,370,000
University of Maine	2,111,000	2,111,000	2,011,000
University of Maryland	2,765,000	2,765,000	2,634,000
University of Massachusetts	2,446,000	2,446,000	2,330,000
Michigan State University	5,839,000	5,839,000	5,559,000
College of Micronesia	858,000	858,000	816,000

	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012
University of Minnesota . . .	5,670,000	5,670,000	5,398,000
Mississippi State University . . .	4,462,000	4,462,000	4,249,000
University of Missouri . . .	5,455,000	5,455,000	5,192,000
Montana State University . . .	2,430,000	2,430,000	2,316,000
University of Nebraska . . .	3,829,000	3,829,000	3,648,000
University of Nevada . . .	1,383,000	1,383,000	1,317,000
University of New Hampshire . . .	1,654,000	1,654,000	1,575,000
Rutgers University . . .	3,048,000	3,048,000	2,907,000
New Mexico State University . . .	1,852,000	1,852,000	1,764,000
Cornell University . . .	5,113,000	5,113,000	4,869,000
Cornell University, Geneva . . .	1,096,000	1,096,000	1,046,000
North Carolina State University . . .	7,551,000	7,551,000	7,191,000
North Dakota State University . . .	2,683,000	2,683,000	2,556,000
Northern Marianas College . . .	788,000	788,000	750,000
Ohio State . . .	6,759,000	6,759,000	6,435,000
Oklahoma State University . . .	3,597,000	3,597,000	3,424,000
Oregon State University . . .	3,320,000	3,320,000	3,164,000
Pennsylvania State University . . .	6,861,000	6,861,000	6,533,000
University of Puerto Rico . . .	4,151,000	4,151,000	3,953,000
University of Rhode Island . . .	1,383,000	1,383,000	1,318,000
Clemson University . . .	3,834,000	3,834,000	3,651,000
South Dakota State University . . .	2,811,000	2,811,000	2,677,000
University of Tennessee . . .	5,413,000	5,413,000	5,154,000
Texas A&M University . . .	7,560,000	7,560,000	7,197,000
Utah State University . . .	2,070,000	2,070,000	1,974,000
University of Vermont . . .	1,652,000	1,652,000	1,573,000
College of the Virgin Island . . .	952,000	952,000	906,000
Virginia Polytechnic Institute . . .	4,683,000	4,683,000	4,459,000
Washington State University . . .	3,872,000	3,872,000	3,691,000
West Virginia University . . .	2,960,000	2,960,000	2,819,000
University of Wisconsin . . .	5,790,000	5,790,000	5,513,000
University of Wyoming . . .	1,761,000	1,761,000	1,679,000
Subtotal . . .	202,110,000	202,110,000	192,487,000
Biotechnology Risk Assessment . . .	1,133,000	1,133,000	1,133,000
Current Research Information System . . .	323,000	323,000	0
Federal Administration . . .	6,214,000	6,214,000	5,665,000
Small Business Innovation Research . . .	5,220,000	5,220,000	4,965,000
TOTAL . . .	215,000,000	215,000,000	204,250,000

SMITH LEVER

Mr. Kingston: Please provide a chart showing the allocation of Smith-Lever per university for fiscal years 2010 and 2011 and 2012 estimate. Include the number of personnel supported by the funding.

Response: Recipients of Smith-Lever funds have the flexibility to distribute funds among research projects, infrastructure, and personnel as they wish to meet the needs of their university. The distribution of these dollars varies from state to state. Recipient institutions complete assembly of personnel data approximately eight months after the close of the fiscal year. Fiscal year 2010 data is being collected now and is not yet available. The recipient institutions do not provide personnel estimates to NIFA, so estimates for fiscal years 2011 and 2012 are not available.

[The information follows:]

Smith Lever 3B&C

University/Recipient	FISCAL YEAR 2010	FISCAL YEAR 2011	FISCAL YEAR 2012
TUSKEGEE UNIVERSITY	\$17,477	\$17,477	\$14,206
AUBURN UNIV., ALABAMA	7,289,187	7,289,187	6,910,318
American Samoa Community	928,148	928,148	887,636
UNIVERSITY OF ALASKA	1,184,579	1,184,579	1,130,549
UNIVERSITY OF ARKANSAS	6,109,705	6,109,705	5,791,671
UNIVERSITY OF ARIZONA	2,160,365	2,160,365	2,050,836
UNIV OF CALIFORNIA	7,671,905	7,671,905	7,332,075
COLORADO STATE UNIVERSITY	3,286,400	3,286,400	3,120,073
UNIVERSITY OF THE DISTRICT OF COLUMBIA	1,164,277	1,164,277	1,099,502
UNIV OF CONNECTICUT	2,142,874	2,142,874	2,049,339
UNIVERSITY OF DELAWARE	1,309,216	1,309,216	1,249,167
UNIVERSITY OF FLORIDA	4,895,110	4,895,110	4,629,518
UNIVERSITY OF GEORGIA	8,140,304	8,140,304	7,741,588
UNIVERSITY OF GUAM	992,314	992,314	949,001
UNIVERSITY OF HAWAII	1,350,934	1,350,934	1,288,078
UNIV OF IDAHO	2,917,548	2,917,548	2,773,830
UNIVERSITY OF ILLINOIS	9,894,305	9,894,305	9,395,739
PURDUE UNIVERSITY	9,011,459	9,011,459	8,582,146
IOWA STATE UNIVERSITY	9,821,212	9,821,212	9,315,750
KANSAS STATE UNIV	5,866,435	5,866,435	5,550,141
KENTUCKY STATE UNIVERSITY	20,946	20,946	17,025
UNIVERSITY OF KENTUCKY	9,717,448	9,717,448	9,126,821
LOUISIANA STATE UNIVERSITY	5,687,551	5,687,551	5,185,126
UNIVERSITY OF MASSACHUSETTS	2,649,727	2,649,727	2,534,068
UNIV OF MARYLAND	3,427,074	3,427,074	3,255,449
UNIVERSITY OF MAINE	2,375,640	2,375,640	2,258,843
COLLEGE OF MICRONESIA	1,038,571	1,038,571	993,239
MICHIGAN STATE UNIV	9,187,338	9,187,338	8,732,041
UNIV OF MINNESOTA	9,469,318	9,469,318	8,946,422
MISSISSIPPI STATE UNIV	7,056,358	7,056,358	6,719,793
UNIVERSITY OF MISSOURI	8,981,084	8,981,084	8,543,404
MONTANA STATE UNIVERSITY	2,767,280	2,767,280	2,633,969
NORTH CAROLINA STATE UNIV	12,176,590	12,176,590	11,541,873
NORTH DAKOTA STATE UNIVERSITY	3,607,027	3,607,027	3,403,735
UNIVERSITY OF NEBRASKA	5,263,431	5,263,431	4,991,264
UNIVERSITY OF NEVADA	1,284,029	1,284,029	1,219,531
UNIVERSITY OF NEW HAMPSHIRE	1,765,576	1,765,576	1,673,817
RUTGERS UNIVERSITY	2,779,063	2,779,063	2,633,860
NEW MEXICO STATE UNIV	2,269,043	2,269,043	2,151,648
NORTHERN MARIANAS COLLEGE	911,968	911,968	872,162
CORNELL UNIVERSITY	8,697,134	8,697,134	8,235,424
OHIO STATE UNIVERSITY	10,799,385	10,799,385	10,321,786
OKLAHOMA STATE UNIVERSITY	5,809,900	5,809,900	5,507,680
OREGON STATE UNIVERSITY	3,976,905	3,976,905	3,765,471
PENNSYLVANIA STATE UNIVERSITY	10,291,681	10,291,681	9,800,003
UNIVERSITY OF PUERTO RICO	6,457,245	6,457,245	6,154,035
UNIVERSITY OF RHODE ISLAND	1,097,680	1,097,680	1,048,532
CLEMSON UNIVERSITY	5,793,909	5,793,909	5,524,902
SOUTH DAKOTA STATE UNIVERSITY	3,704,144	3,704,144	3,503,299
UNIVERSITY OF TENNESSEE	9,452,449	9,452,449	8,869,044
TEXAS A&M UNIVERSITY	13,291,939	13,291,939	12,607,344
UTAH STATE UNIVERSITY	1,917,142	1,917,142	1,769,645
VIRGINIA POLY TECH INST.	7,393,807	7,393,807	7,032,584
UNIVERSITY OF THE VIRGIN ISLANDS	959,371	959,371	917,496
UNIVERSITY OF VERMONT	1,878,512	1,878,512	1,786,836
UNIV OF WISCONSIN	8,972,834	8,972,834	8,547,021
WASHINGTON STATE UNIVERSITY	4,399,342	4,399,342	4,175,499
WEST VIRGINIA UNIVERSITY	4,213,649	4,213,649	4,009,482
UNIV OF WYOMING	1,646,656	1,646,656	1,564,263
SUB-TOTAL	289,342,500	289,342,500	274,435,599
Special Needs Projects	0	0	439,801
TOTAL	\$289,342,500	\$289,342,500	\$274,875,400
Federal Administration	8,157,500	8,157,500	7,749,600
TOTAL APPROPRIATION	\$297,500,000	\$297,500,000	\$282,625,000

MCINTIRE-STENNIS

Mr. Kingston: Please provide a chart showing the allocation of McIntire Stennis funding per university for fiscal years 2010 and 2011 and 2012 estimate. Include the number of personnel supported by the funding.

Response: Recipients of McIntire-Stennis funds have the flexibility to distribute funds among research projects, infrastructure, and personnel as they wish to meet the needs of their university. The distribution of these dollars varies from state to state. Recipient institutions complete assembly of personnel data approximately eight months after the close of the fiscal year. Fiscal year 2010 data is being collected now and is not yet available. The recipient institutions do not provide personnel estimates to NIFA, so estimates for fiscal years 2011 and 2012 are not available.

[The information follows:]

	<u>Fiscal Year</u> <u>2010</u>	<u>Fiscal Year</u> <u>2011</u>	<u>Fiscal Year</u> <u>2012</u>
Alabama, Auburn University ..	\$644,000	\$644,000	\$612,000
Alabama, A&M University . . .	138,000	138,000	131,000
Alabama, Tuskegee University.	138,000	138,000	131,000
University of Alaska, Fairbanks	639,000	639,000	607,000
American Samoa Community College	59,000	59,000	57,000
Arizona, Flagstaff Northern Arizona University	232,000	232,000	220,000
Arizona, Tucson-University of Arizona	232,000	232,000	220,000
University of Arkansas, Fayetteville	814,000	814,000	774,000
University of California, California Polytechnic. . .	120,000	120,000	114,000
California, Humboldt	120,000	120,000	114,000
California, Berkeley	558,000	558,000	530,000
Colorado State University Fort Collins	393,000	393,000	373,000
Connecticut Agricultural Experiment Station	203,000	203,000	193,000
University of Connecticut, Storrs	68,000	68,000	64,000
Delaware, Newark	101,000	101,000	96,000
University of Delaware	11,000	11,000	11,000
Florida, Gainesville.	686,000	686,000	651,000
Florida, Florida A&M	76,000	76,000	72,000
Georgia, Athens	876,000	876,000	831,000
Georgia, Fort Valley State. .	97,000	97,000	92,000
University of Guam	59,000	59,000	57,000
University of Hawaii	218,000	218,000	207,000
University of Idaho	586,000	586,000	557,000

	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012
Southern Illinois University	214,000	214,000	203,000
University of Illinois . . .	214,000	214,000	203,000
Purdue University	481,000	481,000	457,000
Iowa State University, Ames .	376,000	376,000	357,000
Kansas State University . . .	288,000	288,000	273,000
Kentucky, Lexington	513,000	513,000	487,000
Kentucky, Frankfort	91,000	91,000	86,000
Louisiana State University			
Baton Rouge	539,000	539,000	512,000
Louisiana Tech University . .	231,000	231,000	219,000
Louisiana, Southern Univ. . .	62,000	62,000	59,000
University of Maine	744,000	744,000	707,000
University of Maryland	323,000	323,000	307,000
University of Massachusetts . .	340,000	340,000	323,000
Michigan State University . . .	271,000	271,000	258,000
Michigan Tech University . . .	271,000	271,000	258,000
University of Michigan	271,000	271,000	258,000
University of Minnesota	674,000	674,000	640,000
Mississippi State University . .	722,000	722,000	686,000
Mississippi, Alcorn State . . .	180,000	180,000	171,000
University of Missouri	543,000	543,000	516,000
Missouri, Lincoln University . .	61,000	61,000	57,000
Montana State University	551,000	551,000	524,000
University of Nebraska	270,000	270,000	257,000
University of Nevada	147,000	147,000	140,000
University of New Hampshire . .	428,000	428,000	407,000
New Jersey, Rutgers	253,000	253,000	240,000
New Mexico State University . .	340,000	340,000	323,000
New York, Cornell	195,000	195,000	185,000
New York, State University . . .	585,000	585,000	555,000
North Carolina State Univ.			
Raleigh	937,000	937,000	891,000
North Dakota State University . .	165,000	165,000	157,000
Ohio Agricultural Research and Development Center	498,000	498,000	474,000
Oklahoma State University . . .	516,000	516,000	490,000
Oregon State University	920,000	920,000	874,000
Pennsylvania State University . .	639,000	639,000	607,000
University of Puerto Rico	95,000	95,000	90,000
University of Rhode Island . . .	112,000	112,000	107,000
South Carolina, Clemson			
University	727,000	727,000	690,000
South Dakota State University . .	182,000	182,000	173,000
University of Tennessee	591,000	591,000	561,000
Tennessee State University . . .	66,000	66,000	62,000
Texas, Stephen F. Austin State University	407,000	407,000	387,000
Texas A&M University	407,000	407,000	387,000
Utah State University	288,000	288,000	273,000
University of Vermont	393,000	393,000	373,000
College of the Virgin Islands	59,000	59,000	57,000

	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012
Virginia Polytechnic Institute	717,000	717,000	681,000
Virginia State University . .	80,000	80,000	76,000
Washington State University .	398,000	398,000	378,000
University of Washington . . .	487,000	487,000	462,000
West Virginia University, Morgantown	496,000	496,000	471,000
West Virginia University . . .	55,000	55,000	52,000
University of Wisconsin . . .	674,000	674,000	640,000
Wyoming	<u>235,000</u>	<u>235,000</u>	<u>223,000</u>
Subtotal	27,390,000	27,390,000	26,018,000
Biotechnology Risk Assessment	37,000	37,000	37,000
Federal Administration . . .	870,000	870,000	827,000
Small Business Innovation Research	<u>703,000</u>	<u>703,000</u>	<u>668,000</u>
TOTAL	29,000,000	29,000,000	27,550,000

ANIMAL HEALTH

Mr. Kingston: Please provide a chart showing the allocation of Animal Health and Disease program funding for fiscal years 2010, 2011, and 2012 estimate. Include the number of personnel supported by the funding.

Response: Recipients of Animal Health and Disease Research funds have the flexibility to distribute funds among research projects, infrastructure, and personnel as they wish to meet the needs of their university. The distribution of these dollars varies from state to state. Recipient institutions complete assembly of personnel data approximately eight months after the close of the fiscal year. Fiscal year 2010 data is being collected now and is not yet available. The recipient institutions do not provide personnel estimates to NIFA, so estimates for fiscal years 2011 and 2012 are not available.

[The information follows:]

ANIMAL HEALTH STATE	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012
AL-Auburn University, Agricultural Experiment Station	\$17,894	\$17,894	-
AL-Auburn University, School of Veterinary Medicine	\$44,553	\$44,553	-
AL-Muskegee University, School of Veterinary Medicine	\$391	\$391	-
AK-University of Alaska, Agricultural Experiment Station	-	-	-
AZ-University of Arizona, Agricultural Experiment Station	30,848	30,848	-
AR-University of Arkansas, Agricultural Experiment Station	55,735	55,735	-
CA-University of California-Dakland, Agricultural Experiment Station	43,573	43,573	-
CA-University of California-Davis, School of Veterinary Medicine	202,351	202,351	-
CO-Colorado State Univ., Agric. Exper. Station & College of Vet. Medicine	170,596	170,596	-
CT-University of Connecticut-Storrs, Agricultural Experiment Station	18,512	18,512	-
DE-University of Delaware, Agricultural Experiment Station	9,930	9,930	-
FL-University of Florida, Agricultural Experiment Station	44,225	44,225	-
FL-University of Florida, College of Veterinary Medicine	1,171	1,171	-
GA-University of Georgia, Agricultural Experiment Station	10,232	10,232	-
GA-University of Georgia, College of Veterinary Medicine	69,291	69,291	-
HI-University of Hawaii, Agricultural Experiment Station	1,733	1,733	-
ID-University of Idaho, Agricultural Experiment Station	40,715	40,715	-
IL-Univ. of Illinois, Agric. Exper. Station & College of Vet. Medicine	60,892	60,892	-
IN-Purdue Univ., Agric. Exper. Station & College of Veterinary Medicine	43,195	43,195	-
IA-Iowa State University, Agricultural & Home Economics Experiment	42,736	42,736	-
IA-Iowa State University, College of Veterinary Medicine	53,948	53,948	-
KS-Kansas State Univ., Agric. Exper. Station & College of Vet. Medicine	86,782	86,782	-
KY-University of Kentucky, Agricultural Experiment Station	45,308	45,308	-
LA-Louisiana State University, Agricultural Experiment Station	13,727	13,727	-
LA-Louisiana State University, College of Veterinary Medicine	15,680	15,680	-
ME-University of Maine, Agricultural Experiment Station	5,362	5,362	-
MD-University of Maryland, Agricultural Experiment Station	20,015	20,015	-
MA-University of Massachusetts, Agricultural Experiment Station	3,152	3,152	-
MA-Tufts University, School of Veterinary Medicine	35,735	35,735	-
MI-Michigan State Univ., Agricultural Exper. Station & College of Vet. Med.	62,260	62,260	-
MN-University of Minnesota, Agricultural Exper. Station	32,757	32,757	-
MN-Univ. of Minnesota, College of Veterinary Medicine	141,837	141,837	-
MS-Miss. State Univ., Agricultural and Forestry Exper. Sta. & Coll. of Vet. Med.	50,061	50,061	-
MO-University of Missouri, Agricultural Experiment Station	7,812	7,812	-
MO-University of Missouri, College of Veterinary Medicine	82,332	82,332	-
MT-Montana State University, Agricultural Experiment Station	32,823	32,823	-
NE-University of Nebraska, Agricultural Experiment Station	93,449	93,449	-
NV-University of Nevada, Agricultural Experiment Station	4,468	4,468	-
NH-University of New Hampshire, Agricultural Exper. Station	2,927	2,927	-
NJ-Rutgers University, Agricultural Experiment Station	8,131	8,131	-
NM-New Mexico State University, Agricultural Exper. Station	22,112	22,112	-
NY-Cornell University, Agricultural Experiment Station	16,378	16,378	-
NY-Cornell University, College of Veterinary Medicine	91,199	91,199	-
NC-North Carolina State University, Agricultural Experiment Station	28,348	28,348	-
NC-North Carolina State University, College of Veterinary Medicine	80,215	80,215	-
ND-North Dakota State University, Agricultural Experiment Station	19,073	19,073	-
OH-Ohio State University, Ohio Agricultural Research & Development Center	19,238	19,238	-
OH-Ohio State University, College of Veterinary Medicine	27,334	27,334	-
OK-Oklahoma State Univ., Agric. Exper. Station & College of Vet. Med.	67,354	67,354	-
OR-Oregon State University, Agricultural Experiment Station	35,758	35,758	-
PA-Pennsylvania State University, Agricultural Experiment Station	54,538	54,538	-
PA-University of Pennsylvania, College of Veterinary Medicine	58,803	58,803	-
PR-University of Puerto Rico, Agricultural Experiment Station	7,144	7,144	-
RI-University of Rhode Island, Agricultural Experiment Station	1,688	1,688	-
SC-Clemson University, Agricultural Experiment Station	15,065	15,065	-
SD-South Dakota State University, Agricultural Experiment Station	34,325	34,325	-
TN-University of Tennessee, Agricultural Experiment Station	16,845	16,845	-
TN-University of Tennessee, College of Veterinary Medicine	15,899	15,899	-
TX-Texas A&I Life Research., Agricultural Experiment Station and College of Med.	193,590	193,590	-
UT-Utah State University, Agricultural Experiment Station	17,995	17,995	-
VT-University of Vermont, Agricultural Experiment Station	6,201	6,201	-
VA-VA Polytechnic Institute, Agric. Exper. Station and College of Vet. Med.	36,050	36,050	-
WA-Washington State University, Agricultural Experiment Station	3,672	3,672	-
WA-Washington State University, College of Veterinary Medicine	75,305	75,305	-
WV-West Virginia University, Agricultural & Forestry Experiment Station	5,388	5,388	-
WI-University of Wisconsin, Agric. Exper. Station & College of Vet. Med.	61,384	61,384	-
WY-University of Wyoming, Agricultural Experiment Station	17,200	17,200	-
SUBTOTAL	2,735,240	2,735,240	-
FEDERAL ADMINISTRATION	118,000	118,000	-
Small Business Set-Aside	70,800	70,800	-
Biotech Risk Assessment	25,960	25,960	-
TOTAL	\$2,950,000	\$2,950,000	\$0

EVANS-ALLEN

Mr. Kingston: Please provide a chart showing the allocation of Evans-Allen funding per university for fiscal years 2010 and 2011 and 2012 estimate. Include the number of personnel supported by the funding.

Response: Recipients of Evans-Allen funds have the flexibility to distribute funds among research projects, infrastructure, and personnel as they wish to meet the needs of their university. The distribution of these dollars varies from state to state. Recipient institutions complete assembly of personnel data approximately eight months after the close of the fiscal year. Fiscal year 2010 data is being collected now and is not yet available. The recipient institutions do not provide personnel estimates to NIFA, so estimates for fiscal years 2011 and 2012 are not available.

[The information follows:]

	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012
Alabama A&M University	\$2,502,000	\$2,502,000	\$2,502,000
Tuskegee University.	2,483,000	2,483,000	2,483,000
University of Arkansas-Pine Bluff. . .	2,153,000	2,153,000	2,153,000
Delaware State University.	1,193,000	1,193,000	1,193,000
Florida A&M University	1,976,000	1,976,000	1,976,000
Fort Valley State University	2,863,000	2,863,000	2,863,000
Kentucky State University.	3,414,000	3,414,000	3,414,000
Southern University.	1,914,000	1,914,000	1,914,000
University of Maryland-Eastern Shore..	1,442,000	1,442,000	1,442,000
Alcorn State University.	2,383,000	2,383,000	2,383,000
Lincoln University	3,360,000	3,360,000	3,360,000
North Carolina A&T State University. .	3,951,000	3,951,000	3,951,000
Langston University.	2,188,000	2,188,000	2,188,000
South Carolina State University. . . .	2,137,000	2,137,000	2,137,000
Tennessee State University	3,118,000	3,118,000	3,118,000
Prairie View A&M University.	4,606,000	4,606,000	4,606,000
Virginia State University.	2,661,000	2,661,000	2,661,000
West Virginia State University	<u>1,407,000</u>	<u>1,407,000</u>	<u>1,407,000</u>
Subtotal	45,751,000	45,751,000	45,751,000
Small Business Innovation Research . .	1,176,000	1,176,000	1,176,000
Current Research Information System. .	48,000	48,000	48,000
Biotech Risk Assessment.	70,000	70,000	70,000
Federal Administration	<u>1,455,000</u>	<u>1,455,000</u>	<u>1,455,000</u>
Total, Evans-Allen Program	48,500,000	48,500,000	48,500,000

1890 INSTITUTIONS

Mr. Kingston: Please provide a chart showing funding provided to 1890 Institutions for fiscal years 2010 and 2011 and 2012 estimate. Include the number of personnel supported by the funding.

Response: Recipients of 1890 Institutions funds have the flexibility to distribute funds among research projects, infrastructure, and personnel as they wish to meet the needs of their university. The distribution of these dollars varies from state to state. Recipient institutions complete assembly of personnel data approximately eight months after the close of the fiscal year. Fiscal year 2010 data is being collected now and is not yet available. The recipient institutions do not provide personnel estimates to NIFA, so estimates for fiscal years 2011 and 2012 are not available.

[The information follows:]

	<u>Fiscal</u> <u>Year 2010</u>	<u>Fiscal</u> <u>Year 2011</u>	<u>Fiscal</u> <u>Year 2012</u>
Alabama A&M University	\$2,116,000	\$2,116,000	\$2,116,000
Tuskegee University	2,116,000	2,116,000	2,116,000
University of Arkansas-Pine Bluff . . .	1,854,000	1,854,000	1,854,000
Delaware State University	1,163,000	1,163,000	1,163,000
Florida A&M University	1,814,000	1,814,000	1,814,000
Fort Valley State University	2,529,000	2,529,000	2,529,000
Kentucky State University	3,162,000	3,162,000	3,162,000
Southern University	1,659,000	1,659,000	1,659,000
University of Maryland-Eastern Shore . .	1,316,000	1,316,000	1,316,000
Alcorn State University	1,980,000	1,980,000	1,980,000
Lincoln University	3,191,000	3,191,000	3,191,000
North Carolina A&T State University . .	3,583,000	3,583,000	3,583,000
Langston University	1,955,000	1,955,000	1,955,000
South Carolina State University	1,819,000	1,819,000	1,819,000
Tennessee State University	2,807,000	2,807,000	2,807,000
Prairie View A&M University	4,194,000	4,194,000	4,194,000
Virginia State University	2,369,000	2,369,000	2,369,000
West Virginia State University	<u>1,343,000</u>	<u>1,343,000</u>	<u>1,343,000</u>
Subtotal	40,970,000	40,970,000	40,970,000
Federal Administration	<u>1,707,000</u>	<u>1,707,000</u>	<u>1,707,000</u>
Total	42,677,000	42,677,000	42,677,000

1994 INSTITUTIONS

Mr. Kingston: Please provide a chart showing funding provided to 1994 Institutions for fiscal years 2010 and 2011 and 2012 estimate. Include the number of personnel supported by the funding.

Response: Award decisions have not been finalized for FY 2011 and FY 2012. As a non-formula-based program, personnel data is not collected under this program. This information is submitted for the record.

[The information follows:]

	Fiscal Year 2010
Diné College, Arizona	\$85,000
Tohono O'odham Community College Arizona	85,000
Haskell Indian Nations University, Kansas	85,000
Bay Mills Community College, Michigan	184,467
Saginaw Chippewa Tribal College, Michigan	100,000
Leech Lake Tribal College, Minnesota	85,000
White Earth Tribal and Community College, Minnesota	85,000
Fond du Lac Band of Lake Superior Chippewa, Michigan . . .	100,000
Blackfeet Community College, Montana	196,543
Chief Dull Knife College, Montana	85,000
Fort Belknap College, Montana . .	85,000
Fort Peck Community College, Montana	267,260
Little Big Horn College, Montana	85,000
Salish Kootenai College, Montana	100,000
Stone Child College, Montana . . .	299,709
Little Priest Tribal College, Nebraska,	100,000
Nebraska Indian Community College, Nebraska	100,000
Institute of American Indian Arts, New Mexico	85,000
Navajo Technical College, New Mexico	100,000
Southwestern Indian Polytechnic Institute, New Mexico	185,000
Cankdeska Cikana Community College, North Dakota	85,000
Fort Berthold Community College, North Dakota	85,000
Sitting Bull College, North Dakota	85,000
Turtle Mountain Community College, North Dakota	200,000
United Tribes Technical College North Dakota	100,000
Oglala Lakota College, South Dakota	200,000
Sinte Gleska University, South Dakota	100,000
Sisseton Wahpeton College, South Dakota	85,000
Northwest Indian College, WA . . .	300,000
College of Menominee Nation, Wisconsin	185,000
Lac Courte Oreilles Ojibwa Comm. College, Wisconsin	200,000
Subtotal	4,122,979

Federal Administration	172,840
Peer Panel Costs	25,181
Total	4,321,000

NATIVE AMERICAN INSTITUTIONS ENDOWMENT FUND

Mr. Kingston: Please update the committee on the status of the Native American Institutions Endowment Fund for fiscal years 2009 through 2011 and 2012 estimate. Include a chart of the endowment's earned interest and show the allocation to universities.

Response: The interest earned during fiscal year 2009 was distributed in fiscal year 2010, and fiscal years 2010 through 2012 will be distributed in fiscal years 2011 through 2013, respectively. Information on allocation for fiscal years 2009 through 2010 and 2011-2012 estimates is contained in the table.

[The information follows:]

National Institute of Food and Agriculture
Native American Institutions Endowment Fund Interest
Funding History

Institutions	Fiscal Year 2009 (Actual)	Fiscal Year 2010 (Actual)	Fiscal Year 2011 (Est.)	Fiscal Year 2012 (Est.)
Bay Mills Community College	88,748	100,276	101,221	112,173
Blackfeet Community College	133,266	145,560	146,932	162,829
Candaska Cikana Community College	79,713	89,090	89,929	99,660
Chief Dull Knife College	78,727	88,188	89,019	98,650
College of Menominee Nation	99,754	139,967	141,286	156,572
Crownpoint Institute of Technology	126,202	145,019	146,386	162,224
Dine' College	299,509	307,397	310,293	343,866
Fond du Lac Tribal and Community College	90,555	88,729	89,565	99,256
Fort Belknap College	78,235	86,384	87,198	96,632
Fort Berthold Community College	84,313	98,291	99,217	109,952
Fort Peck Community College	104,190	127,338	128,538	142,445
Haskell Indian Nations University	210,967	231,079	233,256	258,494
Ilisagvik College, AK	60,165	86,384	87,198	96,632
Institute of American Indian Arts	84,970	96,126	97,032	107,530
Lac Courte Oreilles Ojibwa Community College	107,639	115,431	116,519	129,126
Leech Lake Tribal College	83,327	89,090	89,929	99,660
Little Big Horn College	102,383	118,318	119,433	132,355
Little Priest Tribal College	61,150	71,589	72,264	80,082
Nebraska Indian Community College	61,315	69,244	69,896	77,459
Northwest Indian College	152,979	159,994	161,502	178,975
Oglala Lakota College	220,987	259,585	262,031	290,382
Saginaw Bay Chippewa Tribal College	57,866	66,898	67,528	74,835
Salish Kootenai College	157,085	184,531	186,270	206,423
Sinte Gleska University	161,028	181,103	182,810	202,589
Sisseton Whapeton Community College	75,442	85,121	85,923	95,220
Sitting Bull College	96,469	111,101	112,148	124,282
Southwest Indian Polytechnic Institute	166,120	176,051	177,710	196,937
Stone Child College	95,319	110,380	111,420	123,475
Tohono O'odham Community College	66,571	73,213	73,903	81,899
Turtle Mountain Community College	162,835	176,592	178,256	197,543

United Tribes Technical College	161,849	154,041	155,493	172,316
White Earth Tribal and Community College	60,165	64,012	64,615	71,607
Subtotal, Interest Payments to Colleges	3,669,843	4,096,122	4,134,720	4,582,080
Federal Administration	152,910	170,672	172,280	190,920
Total Endowment Interest	3,822,753	4,266,794	4,307,000	4,773,000

AGRICULTURE AND FOOD RESEARCH INITIATIVE

Mr. Kingston: Please provide a table of grants by category made through AFRI for fiscal year 2009 through 2011.

Response: Grant awards data for fiscal year 2011 will be available at the end of the fiscal year. Information on number of grants and dollars per category for 2009 and 2010 awards is available. The information is submitted for the record.

[The information follows:]

Category	2009 #	2009 \$	2010 #	2010 \$	Total #	Total \$
Plant Health and Production and Plant Products	172	\$65,558,457	71	\$47,472,059	243	\$113,030,516
Animal Health and Production and Animal Products	103	39,581,244	49	18,060,684	152	57,641,928
Food Safety, Nutrition, And Health	66	31,960,328	79	59,492,916	145	91,453,244
Renewable Energy, Natural Resources, and Environment	87	27,373,769	52	33,465,565	139	60,839,334
Agriculture Systems and Technology	26	9,895,000	34	11,772,141	60	21,667,141
Agriculture Economics and Rural Communities	34	10,400,000	47	24,866,875	81	35,266,875
Total	488	\$184,768,798	332	\$195,130,240	820	\$379,899,038

AGRICULTURE AND FOOD RESEARCH INITIATIVE

Mr. Kingston: Please provide an additional table that further breaks down AFRI by programs with categories and recipients for fiscal years 2009 through 2011.

Response: Information for FYs 2009 and 2010 is submitted for the record. FY 2011 data is not yet available.

[The information follows:]

Approp FY	Categories	Program Name	Proposal Number	Amount	Recipient Institution
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04096	\$286,567	North Carolina State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04097	\$317,388	Cornell University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04101	\$291,332	Purdue University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04121	\$199,248	University of Connecticut
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04125	\$360,261	University of Rhode Island
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04126	\$376,342	Kansas State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04130	\$299,542	North Dakota State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04135	\$399,331	University of Idaho
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04137	\$209,627	Virginia Polytechnic Institute and State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04140	\$239,932	Arizona Board of Regents, University of Arizona
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04141	\$309,378	California Polytechnic State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04144	\$239,415	Oregon State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04153	\$140,034	Oklahoma State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04157	\$292,806	University of Wisconsin
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04160	\$360,396	Iowa State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04161	\$278,401	University of Washington
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04164	\$396,120	University of Pennsylvania
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04614	\$340,294	University of Georgia
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04615	\$340,294	Michigan State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04616	\$409,804	Louisiana State University Agricultural Center
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04639	\$499,940	Rutgers - The State University of New Jersey
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04650	\$500,000	Oregon State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04652	\$404,966	University of Connecticut
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04655	\$486,233	Louisiana State University Agricultural Center
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04661	\$357,492	The Ohio State University
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04670	\$496,310	University of Wisconsin
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04673	\$338,541	University of Vermont and State Agricultural College
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04676	\$428,420	University of Massachusetts
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-04677	\$79,871	University of Kentucky
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-06091	\$71,307	University of New Hampshire
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-06097	\$390,028	Louisiana State University and A&M College
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-06102	\$71,307	University of Central Florida
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-06123	\$396,051	University of Vermont
2009	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities	2009-06143	\$71,307	University of North Carolina at Chapel Hill
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04708	\$397,530	University of Missouri
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04709	\$49,938	USDA - Economic Research Service
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04710	\$149,950	University of Wyoming
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04711	\$183,334	Mississippi State University
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04714	\$500,000	Louisiana State University Agricultural Center
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04715	\$499,992	University of Florida
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04719	\$486,327	Baylor University
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04723	\$498,496	Oregon State University
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04733	\$47,000	USDA - Economic Research Service
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04734	\$436,959	Clemson University
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04745	\$500,000	University of Oregon
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04751	\$499,023	University of Missouri
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04753	\$499,334	Kansas State University
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04754	\$142,234	North Carolina State University
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small	2010-04756	\$343,931	The Ohio State University

Approp FY	Categories	Program Name	Proposal Number	Amount	Recipient Institution
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small i	2010-04759	\$438,015	University of Idaho
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small i	2010-04759	\$472,669	University of Vermont
2010	Agriculture Economics and Rural Communities	Agriculture Economics and Rural Communities: Small i	2010-04770	\$366,519	Fayetteville State University
2010	Agriculture Economics and Rural Communities	Climate Change: Climate Change Mitigation and Adap	2010-04236	\$892,402	Cornell University
2010	Agriculture Economics and Rural Communities	Climate Change: Climate Change Mitigation and Adap	2010-04237	\$654,665	USDA - Agricultural Research Service
2010	Agriculture Economics and Rural Communities	Climate Change: Climate Change Mitigation and Adap	2010-04251	\$1,871,769	University of Florida
2010	Agriculture Economics and Rural Communities	Climate Change: Climate Change Mitigation and Adap	2010-04261	\$867,952	Univ. of Nebraska-Lincoln
2010	Agriculture Economics and Rural Communities	Climate Change: Climate Change Mitigation and Adap	2010-04265	\$1,990,559	Washington State University
2010	Agriculture Economics and Rural Communities	Climate Change: Climate Change Mitigation and Adap	2010-04269	\$1,990,964	University of Arkansas
2010	Agriculture Economics and Rural Communities	Climate Change: Climate Change Mitigation and Adap	2010-04299	\$415,647	Duke University
2010	Agriculture Economics and Rural Communities	Climate Change: Climate Change Mitigation and Adap	2010-04321	\$1,662,428	University of Minnesota
2010	Agriculture Economics and Rural Communities	Climate Change: Regional Approaches to Climate Che	2010-03364	\$50,000	Texas A&M University
2010	Agriculture Economics and Rural Communities	Climate Change: Regional Approaches to Climate Che	2010-03371	\$50,000	Colorado State University
2010	Agriculture Economics and Rural Communities	Climate Change: Regional Approaches to Climate Che	2010-03379	\$50,000	University of California
2010	Agriculture Economics and Rural Communities	Disaster Resilience for Rural Communities	2009-06091	\$328,561	University of New Hampshire
2010	Agriculture Economics and Rural Communities	Disaster Resilience for Rural Communities	2009-06102	\$316,249	University of North Carolina at Chapel Hill
2010	Agriculture Economics and Rural Communities	Disaster Resilience for Rural Communities	2009-06143	\$308,342	University of Central Florida
2010	Agriculture Economics and Rural Communities	Foundational Program: Economics of Markets and De	2010-04804	\$385,110	University of Tennessee
2010	Agriculture Economics and Rural Communities	Foundational Program: Economics of Markets and De	2010-04805	\$499,677	Oklahoma State University
2010	Agriculture Economics and Rural Communities	Foundational Program: Economics of Markets and De	2010-04810	\$86,429	Mississippi State University
2010	Agriculture Economics and Rural Communities	Foundational Program: Economics of Markets and De	2010-04811	\$114,956	Texas A&M University
2010	Agriculture Economics and Rural Communities	Foundational Program: Economics of Markets and De	2010-04815	\$225,862	Clemson University
2010	Agriculture Economics and Rural Communities	Foundational Program: Economics of Markets and De	2010-04819	\$252,716	Auburn University
2010	Agriculture Economics and Rural Communities	Foundational Program: Economics of Markets and De	2010-04824	\$279,464	University of Hawaii
2010	Agriculture Economics and Rural Communities	Foundational Program: Economics of Markets and De	2010-04831	\$288,185	Iowa State University
2010	Agriculture Economics and Rural Communities	Interagency Climate Change	2011-00827	\$410,575	Arizona Board of Regents, University of Arizona
2010	Agriculture Economics and Rural Communities	Interagency Climate Change	2011-00828	\$282,112	University of Wisconsin
2010	Agriculture Economics and Rural Communities	Interagency Climate Change	2011-00836	\$646,000	Chapman University
2010	Agriculture Economics and Rural Communities	Interagency Climate Change	2011-00837	\$789,000	Florida State University
2010	Agriculture Economics and Rural Communities	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03683	\$1,534,000	The Center for Research on the Changing Earth System (CRCES)
2010	Agriculture Economics and Rural Communities	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03683	\$700,000	UChicago Argonne LLC
2010	Agriculture Economics and Rural Communities	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03683	\$199,988	Colorado State University
2010	Agriculture Economics and Rural Communities	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03683	\$35,266,675	
2009	Agriculture Systems and Technology	Agriculture Systems and Technology: Nanotechnology	2010-03451	\$61,000	University of New Hampshire
2009	Agriculture Systems and Technology	Agriculture Systems and Technology: Nanotechnology	2010-03451	\$500,000	Rutgers, The State University of New Jersey
2009	Agriculture Systems and Technology	Agriculture Systems and Technology: Nanotechnology	2010-03453	\$488,000	University of Massachusetts
2009	Agriculture Systems and Technology	Agriculture Systems and Technology: Nanotechnology	2010-03455	\$498,000	Cornell University
2009	Agriculture Systems and Technology	Agriculture Systems and Technology: Nanotechnology	2010-03458	\$454,000	Cornell University
2009	Agriculture Systems and Technology	Agriculture Systems and Technology: Nanotechnology	2010-03459	\$454,000	University of Massachusetts
2009	Agriculture Systems and Technology	Agriculture Systems and Technology: Nanotechnology	2010-03476	\$499,000	University of Tennessee
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Researc	2009-02184	\$498,889	USDA - Agricultural Research Service
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Researc	2009-02195	\$494,702	USDA - Agricultural Research Service
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Researc	2009-02200	\$442,040	USDA - Forest Service
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Researc	2009-02202	\$499,973	Cornell University
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Researc	2009-02209	\$445,395	Virginia Polytechnic Institute and State University
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Researc	2009-02283	\$477,561	South Dakota School of Mines and Technology
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Researc	2009-02288	\$484,378	University of Wisconsin
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Researc	2009-02297	\$499,013	Oregon State University
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Researc	2009-02298	\$28,976	University of Alaska Fairbanks
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Researc	2009-02800	\$150,000	South Dakota State University

Approp FY	Categories	Program Name	Proposal Number	Amount	Recipient Institution
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-02805	\$150,000	University of Hawaii
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-02809	\$150,000	Auburn University
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-02813	\$500,000	Colorado State University
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-02827	\$10,000	Board of Regents of the University of Oklahoma
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-02829	\$20,223	South Dakota State University
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-02831	\$43,850	South Dakota School of Mines and Technology
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-02832	\$500,000	Virginia Polytechnic Institute and State University
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-04815	\$705,000	University of Georgia
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-04818	\$652,000	Michigan Technological University
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-04830	\$643,000	University of Florida
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-04830	\$286,500	University of New Hampshire
2009	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2009-04831	\$404,000	Purdue University
2010	Agriculture Systems and Technology	AgriCulture Systems and Technology; Nanotechnology	2010-03461	\$300,000	University of California
2010	Agriculture Systems and Technology	AgriCulture Systems and Technology; Nanotechnology	2010-03466	\$490,000	University of Massachusetts Amherst
2010	Agriculture Systems and Technology	AgriCulture Systems and Technology; Nanotechnology	2010-05266	\$522,000	The Ohio State University
2010	Agriculture Systems and Technology	AgriCulture Systems and Technology; Nanotechnology	2010-05267	\$599,000	University of Missouri
2010	Agriculture Systems and Technology	AgriCulture Systems and Technology; Nanotechnology	2010-05268	\$250,000	Louisiana State University Agricultural Center
2010	Agriculture Systems and Technology	AgriCulture Systems and Technology; Nanotechnology	2010-05269	\$250,000	Michigan Technological University
2010	Agriculture Systems and Technology	Biobased Products and Bioenergy Production Research	2010-03617	\$545,002	Purdue University
2010	Agriculture Systems and Technology	Foundational Program: Engineering Approaches for Ir	2010-04421	\$700,000	Iowa State University
2010	Agriculture Systems and Technology	Foundational Program: Engineering Approaches for Ir	2010-04423	\$700,000	Iowa State University
2010	Agriculture Systems and Technology	Foundational Program: Engineering Approaches for Ir	2010-04424	\$693,487	Michigan State University
2010	Agriculture Systems and Technology	Foundational Program: Engineering Approaches for Ir	2010-04425	\$238,500	University of Delaware
2010	Agriculture Systems and Technology	Foundational Program: Engineering Approaches for Ir	2010-04427	\$455,921	University of Minnesota
2010	Agriculture Systems and Technology	Foundational Program: Engineering Approaches for Ir	2010-04438	\$999,999	Cornell University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Investing in America's Scientific	2010-03919	\$832,912	University of Wisconsin
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-03988	\$200,000	South Dakota State University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-03874	\$199,870	Louisiana State University Agricultural Center
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-03891	\$150,000	South Dakota State University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-03948	\$42,919	South Dakota School of Mines and Technology
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-03996	\$197,650	South Dakota State University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04017	\$200,000	Auburn University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04019	\$199,373	University of Kentucky
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04025	\$42,878	University of Idaho
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04027	\$199,999	Utah State University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04031	\$199,999	Pennsylvania State University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04033	\$199,673	University of California
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04036	\$198,819	USDA - Forest Service
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04045	\$199,991	University of Minnesota
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04046	\$198,515	University of Minnesota
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04055	\$181,994	Virginia Polytechnic Institute and State University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04057	\$199,820	Michigan State University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04061	\$188,369	Kansas State University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04081	\$149,861	Clemson University
2010	Agriculture Systems and Technology	Sustainable Bioenergy: Sustainable Bioenergy Research	2010-04180	\$271,667	141
2009	Animal Health and Production and Animal Products	Animal Genome, Genetics and Breeding	2009-02027	\$625,000	USDA - Agricultural Research Service
2009	Animal Health and Production and Animal Products	Animal Genome, Genetics and Breeding	2009-02028	\$625,000	Bovine Functional Genomics Laboratory
2009	Animal Health and Production and Animal Products	Animal Genome, Genetics and Breeding	2009-03290	\$368,343	University of Georgia
2009	Animal Health and Production and Animal Products	Animal Genome, Genetics and Breeding	2009-03293	\$130,000	University of Missouri

AgriCulture Systems and Technology Total

Approp FY	Categories	Proposal Number	Program Name	Amount	Recipient Institution
2009	Animal Health and Production and Animal Products	2009-03295	Animal Genome, Genetics and Breeding	\$443,491	Michigan State University
2009	Animal Health and Production and Animal Products	2009-03296	Animal Genome, Genetics and Breeding	\$689,921	Michigan State University
2009	Animal Health and Production and Animal Products	2009-03299	Animal Genome, Genetics and Breeding	\$597,902	Texas A&M University
2009	Animal Health and Production and Animal Products	2009-03303	Animal Genome, Genetics and Breeding	\$970,000	Georgetown University
2009	Animal Health and Production and Animal Products	2009-03305	Animal Genome, Genetics and Breeding	\$930,000	Utah State University/Utah Agricultural Experiment Station
2009	Animal Health and Production and Animal Products	2009-03306	Animal Genome, Genetics and Breeding	\$450,000	Pennsylvania State University
2009	Animal Health and Production and Animal Products	2009-03310	Animal Genome, Genetics and Breeding	\$681,145	University of Maryland
2009	Animal Health and Production and Animal Products	2009-03311	Animal Genome, Genetics and Breeding	\$908,280	Virginia Polytechnic Institute and State University
2009	Animal Health and Production and Animal Products	2009-03314	Animal Genome, Genetics and Breeding	\$449,939	Iowa State University
2009	Animal Health and Production and Animal Products	2009-03318	Animal Genome, Genetics and Breeding	\$341,755	USDA - Agricultural Research Service
2009	Animal Health and Production and Animal Products	2009-03323	Animal Genome, Genetics and Breeding	\$748,502	North Carolina State University
2009	Animal Health and Production and Animal Products	2009-03327	Animal Genome, Genetics and Breeding	\$600,000	Abtorn University
2009	Animal Health and Production and Animal Products	2009-03338	Animal Genome, Genetics and Breeding	\$749,975	USDA - Agricultural Research Service
2009	Animal Health and Production and Animal Products	2009-03340	Animal Genome, Genetics and Breeding	\$10,000	University of Illinois at Urbana-Champaign
2009	Animal Health and Production and Animal Products	2009-03346	Animal Genome, Genetics and Breeding	\$449,747	University of Wisconsin
2009	Animal Health and Production and Animal Products	2009-03360	Animal Genome, Genetics and Breeding	\$10,000	University of Missouri
2009	Animal Health and Production and Animal Products	2009-03554	Animal Growth and Nutrient Utilization	\$134,079	University of Idaho
2009	Animal Health and Production and Animal Products	2009-03556	Animal Growth and Nutrient Utilization	\$349,421	University of Kentucky
2009	Animal Health and Production and Animal Products	2009-03567	Animal Growth and Nutrient Utilization	\$319,863	South Dakota State University
2009	Animal Health and Production and Animal Products	2009-03586	Animal Growth and Nutrient Utilization	\$349,476	Pennsylvania State University
2009	Animal Health and Production and Animal Products	2009-03593	Animal Growth and Nutrient Utilization	\$349,326	Arizona Board of Regents, University of Arizona
2009	Animal Health and Production and Animal Products	2009-03599	Animal Growth and Nutrient Utilization	\$260,997	Utah State University/Utah Agricultural Experiment Station
2009	Animal Health and Production and Animal Products	2009-03604	Animal Growth and Nutrient Utilization	\$125,000	Oklahoma State University
2009	Animal Health and Production and Animal Products	2009-03605	Animal Growth and Nutrient Utilization	\$349,993	Cornell University
2009	Animal Health and Production and Animal Products	2009-03606	Animal Growth and Nutrient Utilization	\$349,992	Pennsylvania State University
2009	Animal Health and Production and Animal Products	2009-03609	Animal Growth and Nutrient Utilization	\$348,836	Abtorn University
2009	Animal Health and Production and Animal Products	2009-03617	Animal Growth and Nutrient Utilization	\$349,560	California State University, Fresno Foundation
2009	Animal Health and Production and Animal Products	2009-03619	Animal Growth and Nutrient Utilization	\$350,000	The Ohio State University
2009	Animal Health and Production and Animal Products	2009-03627	Animal Growth and Nutrient Utilization	\$350,000	University of North Florida
2009	Animal Health and Production and Animal Products	2009-03629	Animal Growth and Nutrient Utilization	\$350,000	West Virginia University
2009	Animal Health and Production and Animal Products	2009-03659	Animal Growth and Nutrient Utilization	\$10,000	University of Wyoming
2009	Animal Health and Production and Animal Products	2009-01454	Animal Health and Well-Being, Animal Health	\$375,000	Purdue University
2009	Animal Health and Production and Animal Products	2009-01615	Animal Health and Well-Being, Animal Health	\$375,000	Texas A&M University
2009	Animal Health and Production and Animal Products	2009-01623	Animal Health and Well-Being, Animal Health	\$375,000	Michigan State University
2009	Animal Health and Production and Animal Products	2009-01636	Animal Health and Well-Being, Animal Health	\$375,000	USDA - Agricultural Research Service
2009	Animal Health and Production and Animal Products	2009-01637	Animal Health and Well-Being, Animal Health	\$200,000	Colorado State University
2009	Animal Health and Production and Animal Products	2009-01642	Animal Health and Well-Being, Animal Health	\$360,000	University of Vermont and State Agricultural College
2009	Animal Health and Production and Animal Products	2009-01650	Animal Health and Well-Being, Animal Health	\$375,000	USDA - Agricultural Research Service
2009	Animal Health and Production and Animal Products	2009-01659	Animal Health and Well-Being, Animal Health	\$10,000	American Association of Veterinary Immunologists
2009	Animal Health and Production and Animal Products	2009-01662	Animal Health and Well-Being, Animal Health	\$26,000	University of Idaho
2009	Animal Health and Production and Animal Products	2009-01727	Animal Health and Well-Being, Animal Health	\$200,000	University of Kentucky
2009	Animal Health and Production and Animal Products	2009-01744	Animal Health and Well-Being, Animal Health	\$375,000	Cornell University
2009	Animal Health and Production and Animal Products	2009-01745	Animal Health and Well-Being, Animal Health	\$375,000	Cornell University
2009	Animal Health and Production and Animal Products	2009-01748	Animal Health and Well-Being, Animal Health	\$10,000	University of Minnesota
2009	Animal Health and Production and Animal Products	2009-01757	Animal Health and Well-Being, Animal Health	\$375,000	The Ohio State University
2009	Animal Health and Production and Animal Products	2009-01780	Animal Health and Well-Being, Animal Health	\$375,000	The Ohio State University
2009	Animal Health and Production and Animal Products	2009-01784	Animal Health and Well-Being, Animal Health	\$125,000	University of Nevada, Las Vegas
2009	Animal Health and Production and Animal Products	2009-01786	Animal Health and Well-Being, Animal Health		

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2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Health	2009-01795	\$375,000	Washington State University
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Health	2010-02690	\$10,000	American Association of Veterinary Immunologists
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01599	\$370,000	Beckman Research Institute of the City of Hope
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01604	\$370,000	Cornell University
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01607	\$150,000	University of Connecticut
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01614	\$372,000	University of Connecticut
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01626	\$375,000	Oklahoma State University
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01628	\$200,000	Colorado State University
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01653	\$375,000	University of Nebraska-Lincoln, Board of Regents
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01654	\$371,230	University of Nebraska-Lincoln, Board of Regents
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01665	\$375,000	Michigan State University
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01669	\$375,000	USDA - Agricultural Research Service
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01742	\$374,770	Mississippi State University
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01778	\$150,000	BOISE STATE UNIVERSITY
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01789	\$375,000	University of Massachusetts Dartmouth
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01801	\$372,000	Arizona Board of Regents, University of Arizona
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01818	\$370,000	University of Mississippi Medical Center
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01824	\$375,000	Kansas State University
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Animal Well-Being	2009-01827	\$362,000	University of Maryland
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Tools and Resources	2009-05363	\$10,000	Gordon Research Conferences
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Tools and Resources	2009-05379	\$575,000	University of Massachusetts Amherst
2009	Animal Health and Production and Animal Products	Animal Health and Well-Being: Tools and Resources	2009-05908	\$87,000	Conference of Research Workers in Animal Diseases
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01591	\$25,000	University of Wyoming
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01677	\$375,000	Purdue University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01680	\$340,000	Colorado State University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01682	\$124,610	University of Texas at Austin Marine Science Institute
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01691	\$349,260	University of Florida
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01693	\$349,782	Michigan State University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01711	\$125,000	Colorado State University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01712	\$349,082	Colorado State University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01713	\$325,000	Pennsylvania State University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01722	\$349,287	Texas A&M University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01731	\$338,066	Texas AgLife Research
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01764	\$349,503	University of Tennessee
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01766	\$330,000	West Virginia University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01849	\$325,000	University of Texas at Austin
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01853	\$146,757	West Virginia University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01921	\$10,000	North Dakota State University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01923	\$320,000	North Dakota State University
2009	Animal Health and Production and Animal Products	Animal Reproduction	2009-01925	\$28,633	North Dakota State University
2009	Animal Health and Production and Animal Products	Global Food Security: Minimizing Losses from Dairy D	2010-04744	\$1,600,000	University of Maryland
2009	Animal Health and Production and Animal Products	Global Food Security: Minimizing Losses from Dairy D	2010-04782	\$1,200,000	Kansas State University
2009	Animal Health and Production and Animal Products	Global Food Security: Minimizing Losses from Dairy D	2010-04784	\$1,200,000	Pennsylvania State University
2009	Animal Health and Production and Animal Products	Integrated Solutions for Animal Ag	2009-05159	\$1,000,000	University of Florida
2009	Animal Health and Production and Animal Products	Integrated Solutions for Animal Ag	2009-05184	\$900,000	University of Illinois at Urbana-Champaign
2009	Animal Health and Production and Animal Products	Integrated Solutions for Animal Ag	2009-05185	\$629,106	Washington State University
2009	Animal Health and Production and Animal Products	Integrated Solutions for Animal Ag	2009-05192	\$1,000,000	University of Wisconsin
2009	Animal Health and Production and Animal Products	Integrated Solutions for Animal Ag	2009-05382	\$470,894	University of Vermont
2009	Animal Health and Production and Animal Products	Rapid Response Food and Agricultural Science for Em	2009-05478	\$249,994	University of Illinois at Chicago

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2009	Animal Health and Production and Animal Products	Rapid Response Food and Agricultural Science for Em	2009-03759	\$250,000	TEXAS A&M UNIVERSITY-KINGSVILLE
2010	Animal Health and Production and Animal Products	Animal Genome, Genetics and Breeding	2010-03610	\$625,000	USDA - Agricultural Research Service
2010	Animal Health and Production and Animal Products	Animal Genome, Genetics and Breeding	2010-04087	\$625,000	USDA - Agricultural Research Service
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04519	\$419,388	University of Connecticut
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04521	\$749,891	Texas A&M University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04522	\$495,050	University of Minnesota
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04523	\$678,000	USDA - Agricultural Research Service
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04524	\$617,428	USDA - Agricultural Research Service
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04525	\$733,845	Mississippi State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04534	\$467,290	University of Wisconsin
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04538	\$677,108	Michigan State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04543	\$17,000	Texas A&M University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04544	\$10,000	Gordon Research Conferences
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04545	\$234,125	University of Illinois
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04546	\$499,000	Virginia Polytechnic Institute and State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04547	\$495,000	University of Connecticut
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04548	\$500,000	Virginia Polytechnic Institute and State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04549	\$499,500	Mississippi State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04550	\$490,000	Univ. of Calif., U.C. San Diego
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04551	\$500,000	University of Tennessee
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04552	\$495,000	University of Maryland
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04553	\$480,375	Michigan State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04554	\$478,500	University of Wisconsin
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04555	\$131,500	Clemson University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04556	\$13,375	University of Kentucky
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04557	\$10,000	University of Georgia
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04558	\$15,000	American Fisheries Society
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04559	\$20,000	American Association of Veterinary Immunologists
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04560	\$12,000	North Carolina State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04561	\$13,000	University of Kentucky
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04562	\$150,000	Middlebury College
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04563	\$150,000	University of Rhode Island
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04564	\$499,937	Purdue University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04565	\$341,252	University of Missouri
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04566	\$10,000	Pennsylvania State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04567	\$498,286	Oregon State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04568	\$500,000	Texas A&M University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04569	\$486,870	Utah State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04570	\$499,937	Colorado State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04571	\$500,000	University of Nebraska Medical Center
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04572	\$396,826	University of Illinois at Urbana-Champaign
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04573	\$415,936	USDA - Agricultural Research Service
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04574	\$427,893	University of Missouri
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04575	\$191,172	West Virginia University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04576	\$831,200	University of Delaware
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04577	\$1,000,000	Iowa State University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04578	\$50,000	Purdue University
2010	Animal Health and Production and Animal Products	Animal Health and Production and Animal Products	Ar 2010-04579	\$50,000	Univ of Nebraska-Lincoln

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2010	Animal Health and Production and Animal Products	Climate Change: Regional Approaches to Climate Change	2010-03387	\$50,000	Michigan State University
	Animal Health and Production and Animal Products Total			\$57,641,928	
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02903	\$499,123	Yale University
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02907	\$499,461	Pennsylvania State University
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02916	\$346,140	Tufts University
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02919	\$125,000	Louisiana State University Agricultural Center
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02925	\$499,237	Children's Hospital & Research Center at Oakland
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02930	\$499,980	Tufts University
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02931	\$463,742	Purdue University
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02932	\$500,000	Oregon State University
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02937	\$999,992	North Carolina State University
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02941	\$149,893	Texas Woman's University
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02942	\$149,722	Texas Woman's University
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02943	\$10,000	University of Tennessee
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02944	\$7,500	Arizona Board of Regents, University of Arizona
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-02961	\$318,567	University of Illinois at Urbana-Champaign
2009	Food Safety, Nutrition, and Health	Bioactive Food Components for Optimal Health	2009-03553	\$397,498	Cornell University
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03556	\$92,950	USDA - Agricultural Research Service
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03561	\$399,154	University of Georgia
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03570	\$399,852	Illinois Institute of Technology
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03571	\$398,874	North Carolina State University
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03572	\$149,946	University of Wyoming
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03576	\$366,107	University of Connecticut
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03579	\$399,954	The TAMU's Health Science Center Research Foundation
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03589	\$124,911	University of Florida
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03594	\$393,960	University of California
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03611	\$397,256	Pennsylvania State University
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03616	\$124,033	Arizona Board of Regents, University of Arizona
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03768	\$125,000	University of Michigan
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03782	\$399,437	Texas Engineering Experiment Station
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03770	\$399,924	The Ohio State University
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-03960	\$399,790	The Ohio State University
2009	Food Safety, Nutrition, and Health	Food Safety: Biological Approaches	2009-04336	\$393,841	University of Wisconsin
2009	Food Safety, Nutrition, and Health	Food Safety: Epidemiological Approaches	2009-04248	\$1,000,000	Washington State University
2009	Food Safety, Nutrition, and Health	Food Safety: Epidemiological Approaches	2009-04256	\$1,250,000	Emory University
2009	Food Safety, Nutrition, and Health	Food Safety: Epidemiological Approaches	2009-04343	\$1,077,639	Southern University Agricultural Research & Extension Center
2009	Food Safety, Nutrition, and Health	Food Safety: Epidemiological Approaches	2010-05285	\$1,250,000	Iowa State University
2009	Food Safety, Nutrition, and Health	Food Safety: Practical Approaches for Food Protection	2009-04261	\$299,874	Texas A&M University
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-01455	\$10,000	Society for Nutrition Education
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-05050	\$1,400,000	University of Pennsylvania
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-05053	\$1,450,000	University of California
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-05055	\$1,100,000	University of Nevada, Reno
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-05056	\$1,497,055	Teachers College, Columbia University
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-05062	\$499,927	Cornell University
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-05065	\$1,000,000	University of Miami
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-05068	\$1,211,949	Johns Hopkins University
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-05106	\$432,171	University of Missouri
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-05111	\$900,000	University of Tennessee
2009	Food Safety, Nutrition, and Health	Human Nutrition and Obesity	2009-05124	\$1,498,898	Colorado State University

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2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02320	\$472,947	Cornell University
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02322	\$473,870	Iowa State University
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02331	\$370,890	Purdue University
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02335	\$469,596	Rutgers, The State University of New Jersey
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02343	\$449,367	Pennsylvania State University
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02344	\$293,042	University of Georgia
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02347	\$443,457	USDA - Agricultural Research Service
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02350	\$182,715	University of Florida
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02351	\$374,798	University of Hawaii
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02358	\$150,000	North Carolina Central University
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02359	\$98,495	University of Connecticut
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02370	\$425,000	USDA - Agricultural Research Service
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02377	\$282,290	Utah State University
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02381	\$12,500	University of Idaho
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02383	\$32,976	North Dakota State University
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02400	\$102,084	Texas Tech University
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02403	\$449,976	Rutgers, The State University of New Jersey
2009	Food Safety, Nutrition, and Health	Improving Food Quality and Value	2009-02414	\$469,968	The Florida State University
2009	Food Safety, Nutrition, and Health	Rapid Response Food and Agricultural Science for Emergency Preparedness	2009-02414	\$48,000	University of Hawaii
2009	Food Safety, Nutrition, and Health	Biocatalytic Food Components for Optimal Health	2010-03547	\$179,842	University of Illinois
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Community-based Child Health Interventions	2010-03553	\$4,869,895	University of Hawaii
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Extension Interventions	2010-04688	\$947,093	Univ of Nebraska-Lincoln
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Extension Interventions	2010-04583	\$950,000	University of Illinois at Chicago
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Extension Interventions	2010-04602	\$970,000	Oregon State University
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04614	\$370,202	Baylor College of Medicine
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04615	\$825,322	New York University School of Medicine
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04627	\$860,000	Tennessee State University
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04628	\$545,000	North Carolina State University
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04640	\$950,000	University of California, Davis
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04641	\$515,055	Temple University of the Commonwealth System of Higher Education
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04643	\$890,000	Rutgers, The State University of New Jersey
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04646	\$149,970	California State University, Chico
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04651	\$990,000	Texas AgriLife Extension
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04655	\$808,190	West Virginia University
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04656	\$780,000	Wayne State University
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04667	\$900,000	University of Arkansas
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04682	\$591,157	Kansas State University
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04684	\$49,975	University of Maryland
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04689	\$718,006	Utah State University
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Integrated Research	E 2010-04785	\$990,000	University of Michigan
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Methodological Research	2010-03181	\$50,000	National Nutrient Databank Steering Committee Inc
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Methodological Research	2010-04578	\$2,000,000	The Social & Health Research Center
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Methodological Research	2010-04581	\$149,997	Fairleigh Dickinson University
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Transdisciplinary Research	2010-04883	\$825,033	South Dakota State University
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Transdisciplinary Research	2010-04885	\$750,000	California State University, Long Beach Foundation
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Transdisciplinary Research	2010-04886	\$900,000	University of Illinois at Urbana-Champaign
2010	Food Safety, Nutrition, and Health	Childhood Obesity Prevention: Transdisciplinary Research	2010-04894	\$900,000	Pennsylvania State University
2010	Food Safety, Nutrition, and Health	Food Safety: Addressing Critical and Emerging Food Safety Issues	E 2010-04409	\$299,953	The Connecticut Agricultural Experiment Station
2010	Food Safety, Nutrition, and Health	Food Safety: Addressing Critical and Emerging Food Safety Issues	E 2010-04410	\$299,986	University of Connecticut

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2010	Food Safety, Nutrition, and Health	Food Safety: Addressing Critical and Emerging Food	\$ 2010-04413	\$299,505	Arizona Board of Regents, University of Arizona
2010	Food Safety, Nutrition, and Health	Food Safety: Addressing Critical and Emerging Food	\$ 2010-04418	\$299,988	University of Iowa
2010	Food Safety, Nutrition, and Health	Food Safety: Addressing Critical and Emerging Food	\$ 2010-04461	\$286,228	USDA - Agricultural Research Service
2010	Food Safety, Nutrition, and Health	Food Safety: Addressing Critical and Emerging Food	\$ 2010-04464	\$40,000	American Society for Microbiology
2010	Food Safety, Nutrition, and Health	Food Safety: Addressing Critical and Emerging Food	\$ 2010-04471	\$450,365	Texas Woman's University
2010	Food Safety, Nutrition, and Health	Food Safety: Addressing Critical and Emerging Food	\$ 2010-04488	\$50,000	University of North Carolina at Charlotte
2010	Food Safety, Nutrition, and Health	Food Safety: Food Processing Technologies to Destro	2010-04443	\$999,933	University of Delaware
2010	Food Safety, Nutrition, and Health	Food Safety: Food Processing Technologies to Destro	2010-04444	\$999,861	University of Georgia
2010	Food Safety, Nutrition, and Health	Food Safety: Food Processing Technologies to Destro	2010-04477	\$999,999	Washington State University
2010	Food Safety, Nutrition, and Health	Food Safety: Microbial Ecology and Shiga toxin-produc	2010-04449	\$954,804	Univ of Nebraska-Lincoln
2010	Food Safety, Nutrition, and Health	Food Safety: Microbial Ecology and Shiga toxin-produc	2010-04451	\$999,345	Michigan State University
2010	Food Safety, Nutrition, and Health	Food Safety: Microbial Ecology and Shiga toxin-produc	2010-04487	\$999,374	Washington State University
2010	Food Safety, Nutrition, and Health	Food Safety: National Education Programs for Food S	2010-04500	\$150,000	St. Edward's University, Inc.
2010	Food Safety, Nutrition, and Health	Food Safety: National Education Programs for Food S	2010-04502	\$487,758	Cornell University
2010	Food Safety, Nutrition, and Health	Food Safety: Prevention, Detection, and Control of Fo	2010-05021	\$50,000	West Virginia State University Research & Development Corp.
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03525	\$4,989,945	North Carolina State University
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03529	\$444,949	University of Delaware
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03530	\$499,972	Texas A&M University
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03532	\$499,425	Cornell University
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03542	\$499,685	Illinois Institute of Technology
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03543	\$500,000	The Ohio State University
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03544	\$499,531	University of Florida
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03550	\$361,155	University of California
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03552	\$499,102	University of Minnesota
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03621	\$499,993	University of Wisconsin
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-03622	\$50,000	The American Phytopathological Society
2010	Food Safety, Nutrition, and Health	Foundational Program: Food-borne Pathogen, Plant In	2010-04499	\$12,000	USDA
2010	Food Safety, Nutrition, and Health	Foundational Program: Reducing Food Allergies by Im	2010-04175	\$490,112	University of California
2010	Food Safety, Nutrition, and Health	Foundational Program: Reducing Food Allergies by Im	2010-04175	\$500,000	Univ of Nebraska-Lincoln
2010	Food Safety, Nutrition, and Health	Foundational Program: Reducing Food Allergies by Im	2010-04190	\$499,980	North Carolina Agricultural and Technical State University
2010	Food Safety, Nutrition, and Health	Foundational Program: Reducing Food Allergies by Im	2010-04213	\$499,990	Florida State University
2010	Food Safety, Nutrition, and Health	Foundational Program: Reducing Food Allergies by Im	2010-04218	\$498,993	University of Wisconsin
2010	Food Safety, Nutrition, and Health	Global Food Security: Improved Sustainable Food Sys	2010-03923	\$50,000	Michigan State University
2010	Food Safety, Nutrition, and Health	Global Food Security: Improved Sustainable Food Sys	2010-03928	\$995,742	University of Wyoming
2010	Food Safety, Nutrition, and Health	Global Food Security: Improved Sustainable Food Sys	2010-03933	\$999,997	Pennsylvania State University
2010	Food Safety, Nutrition, and Health	Global Food Security: Improved Sustainable Food Sys	2010-03934	\$408,220	Virginia Polytechnic Institute and State University
2010	Food Safety, Nutrition, and Health	Global Food Security: Improved Sustainable Food Sys	2010-03936	\$374,888	University of Alaska Fairbanks
2010	Food Safety, Nutrition, and Health	Global Food Security: Improved Sustainable Food Sys	2010-04000	\$999,829	University of Wisconsin
2010	Food Safety, Nutrition, and Health	Global Food Security: Improved Sustainable Food Sys	2010-04001	\$997,479	North Dakota State University
2010	Food Safety, Nutrition, and Health	Global Food Security: Improved Sustainable Food Sys	2010-04012	\$48,845	University of Alaska Fairbanks
2010	Food Safety, Nutrition, and Health	Global Food Security: Improving Sustainability by Impr	2010-04554	\$1,000,000	University of Missouri
2010	Food Safety, Nutrition, and Health	Global Food Security: Improving Sustainability by Impr	2010-04557	\$938,043	Michigan State University
2010	Food Safety, Nutrition, and Health	Global Food Security: Improving Sustainability by Impr	2010-04561	\$48,914	South Dakota State University
2010	Food Safety, Nutrition, and Health	Global Food Security: Minimizing Losses from Dairy D	2010-04432	\$938,043	Iowa State University
2010	Food Safety, Nutrition, and Health	Global Food Security: Omicete Pathosystems in Cro	2010-04701	\$1,950,000	Texas A&M University
2010	Food Safety, Nutrition, and Health	Global Food Security: Omicete Pathosystems in Cro	2010-04845	\$1,856,250	Virginia Polytechnic Institute and State University
2010	Food Safety, Nutrition, and Health	Global Food Security: Program Delivery and Impleme	2010-04840	\$1,800,000	University of California
2010	Food Safety, Nutrition, and Health	Global Food Security: Program Delivery and Impleme	2010-04843	\$1,020,000	Pennsylvania State University
2010	Food Safety, Nutrition, and Health			\$150,000	University of Hawaii

Approp FY	Categories	Program Name	Proposal Number	Amount	Recipient Institution
	Food Safety, Nutrition, and Health Total			\$91,453,244	
2009	Plant Health and Production and Plant Products	Applied Plant Genomics Coordinated Agricultural Proje	2009-01878	\$1,250,000	Michigan State University
2009	Plant Health and Production and Plant Products	Applied Plant Genomics Coordinated Agricultural Proje	2009-01879	\$1,250,000	University of California
2009	Plant Health and Production and Plant Products	Applied Plant Genomics Coordinated Agricultural Proje	2009-01909	\$955,000	University of Minnesota
2009	Plant Health and Production and Plant Products	Applied Plant Genomics Coordinated Agricultural Proje	2009-01929	\$1,000,000	North Dakota State University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02070	\$255,952	Washington State University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02082	\$9,750	University of Minnesota
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02083	\$251,119	University of Missouri
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02096	\$337,783	University of California
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02102	\$449,984	Northern Arizona University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02167	\$349,936	University of Illinois at Urbana-Champaign
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02178	\$103,218	Colorado State University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02179	\$449,198	Texas A&M University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02182	\$305,052	Cornell University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02237	\$400,000	University of Minnesota
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02247	\$349,481	Dartmouth College
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02276	\$136,463	University of North Carolina at Greensboro
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02305	\$400,000	Rutgers, The State University of New Jersey
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02310	\$348,953	University of Massachusetts Amherst
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02312	\$50,000	University of Illinois at Urbana-Champaign
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02385	\$344,217	Texas A&M University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02604	\$350,000	University of Idaho
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02669	\$320,500	Montana State University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-02674	\$349,865	The Ohio State University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-03066	\$1,000,000	University of Georgia
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05185	\$396,500	University of Georgia
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05197	\$380,000	University of Texas at El Paso
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05200	\$398,638	University of Nevada, Reno
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05201	\$395,453	Boyce Thompson Institute for Plant Research
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05207	\$397,348	Pennsylvania State University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05231	\$365,000	Pennsylvania State University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05234	\$356,037	Auburn University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05236	\$399,995	Mayo Clinic Rochester d/B/a Mayo Clinic College of Medicine
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05266	\$120,000	Rutgers, The State University of New Jersey
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05267	\$200,000	University of Kentucky
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05278	\$200,000	University of California-Davis
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05281	\$329,928	Montana State University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05284	\$10,000	University of Houston
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05286	\$99,775	California State University, San Bernardino
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05293	\$367,238	University of Maryland
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05242	\$633,930	University of California
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05243	\$704,044	Georgetown University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05245	\$549,552	University of Florida
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05246	\$86,500	USDA - Agricultural Research Service
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05254	\$635,236	USDA - Agricultural Research Service
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05255	\$99,500	Pennsylvania State University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05258	\$99,900	USDA - Agricultural Research Service
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05271	\$100,000	Tufts University
2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management	2009-05291	\$150,000	University of Puerto Rico, Rio Piedras Campus

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2009	Plant Health and Production and Plant Products	Arthropod and Nematode Biology and Management: Tr	2009-06067	\$10,000	Gordon Research Conferences
2009	Plant Health and Production and Plant Products	Interagency Metabolic Engineering	2009-05988	\$500,000	Univ of Nebraska-Lincoln
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04264	\$399,000	Texas A&M University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04265	\$399,000	USDA - Agricultural Research Service
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04266	\$295,000	Worcester Polytechnic Institute
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04272	\$395,000	Auburn University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04291	\$395,000	Washington State University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04296	\$399,000	Boye Thompson Institute for Plant Research
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04305	\$399,000	The Samuel Roberts Noble Foundation, Inc.
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04318	\$398,000	North Carolina State University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04320	\$399,000	University of New Hampshire
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04326	\$395,500	Cornell University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04332	\$5,000	Purdue University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04333	\$150,000	Michigan State University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04364	\$399,000	South Carolina Research Foundation
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04367	\$399,000	Iowa State University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04371	\$399,000	Oregon State University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04373	\$399,000	University of Washington
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04374	\$399,000	Florida State University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04387	\$397,000	The Broad Institute, Inc.
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04396	\$5,000	Oregon State University
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04401	\$399,000	University of California
2009	Plant Health and Production and Plant Products	Microbial Biology: Microbial Associations with Plants	2009-04407	\$399,000	University of Idaho
2009	Plant Health and Production and Plant Products	Microbial Genomics Functional Genomics	2009-03005	\$999,900	Kansas State University
2009	Plant Health and Production and Plant Products	Microbial Genomics Functional Genomics	2009-03008	\$999,900	Pennsylvania State University
2009	Plant Health and Production and Plant Products	Microbial Genomics Functional Genomics	2009-03013	\$600,000	University of California
2009	Plant Health and Production and Plant Products	Microbial Genomics Functional Genomics	2009-03015	\$878,900	Tufts University
2009	Plant Health and Production and Plant Products	Microbial Genomics Functional Genomics	2009-03019	\$878,900	Cornell University
2009	Plant Health and Production and Plant Products	Microbial Genomics Functional Genomics	2009-03020	\$552,600	University of Illinois at Urbana-Champaign
2009	Plant Health and Production and Plant Products	Microbial Genomics Functional Genomics	2009-03028	\$998,400	Iowa State University
2009	Plant Health and Production and Plant Products	Microbial Genomics Functional Genomics	2009-03028	\$970,300	Purdue University
2009	Plant Health and Production and Plant Products	Microbial Genomics Sequencing	2009-01473	\$1,000,000	Children's Hospital & Research Center at Oakland
2009	Plant Health and Production and Plant Products	Microbial Genomics Sequencing	2009-01483	\$5,000	Iowa State University
2009	Plant Health and Production and Plant Products	Microbial Genomics Sequencing	2009-01516	\$870,000	Michigan State University
2009	Plant Health and Production and Plant Products	Microbial Genomics Sequencing	2009-01518	\$985,000	The Broad Institute, Inc.
2009	Plant Health and Production and Plant Products	Microbial Genomics Sequencing	2009-01533	\$900,000	Virginia Polytechnic Institute and State University
2009	Plant Health and Production and Plant Products	Microbial Genomics Sequencing	2009-01535	\$740,000	University of California
2009	Plant Health and Production and Plant Products	Microbial Genomics Sequencing	2009-01550	\$500,000	University of Kentucky
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-01527	\$5,000	University of Minnesota
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-01580	\$5,000	Gordon Research Conferences
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-01915	\$7,000	University of California
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-02981	\$336,000	The Samuel Roberts Noble Foundation, Inc.
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-02984	\$350,000	Purdue University
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-02987	\$297,000	University of California
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-02989	\$348,000	Baylor University
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-03038	\$350,000	Washington State University
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-03043	\$350,000	The Samuel Roberts Noble Foundation, Inc.
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-03050	\$350,000	The Ohio State University
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-03063	\$350,000	Washington State University

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2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-03030	\$10,000	Montana State University
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-03101	\$350,000	Purdue University
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-03107	\$317,000	Northwestern University
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-03109	\$350,000	Iowa State University
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-03127	\$125,000	Florida A&M University
2009	Plant Health and Production and Plant Products	Plant Biology: Biochemistry	2009-04223	\$350,000	University of Georgia
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02110	\$349,670	USDA - Agricultural Research Service
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02130	\$348,321	Purdue University
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02133	\$343,601	University of California
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02138	\$349,078	Texas A&M University
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02140	\$349,268	University of Illinois at Urbana-Champaign
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02145	\$349,653	University of California
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02153	\$125,000	U.S.D.A. Forest Service
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02156	\$315,437	USDA - Agricultural Research Service
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02180	\$10,000	Pennsylvania State University
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02182	\$124,552	Tennessee State University
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02174	\$83,538	Clemson University
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02235	\$10,000	University of Missouri
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02245	\$349,897	North Carolina State University
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02268	\$148,831	University of Massachusetts
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02272	\$148,831	University of Idaho
2009	Plant Health and Production and Plant Products	Plant Biology: Environmental Stress	2009-02273	\$350,000	USDA - Agricultural Research Service
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03447	\$349,044	Cornell University
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03449	\$348,889	Donald Danforth Plant Science Center
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03459	\$349,999	Wake Forest University
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03461	\$125,000	Dartmouth College
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03474	\$349,353	South Dakota State University
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03476	\$350,000	University of Georgia
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03478	\$321,970	University of Georgia
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03484	\$349,658	University of Georgia
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03486	\$347,555	USDA - Agricultural Research Service
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03510	\$350,000	Duke University
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03971	\$349,964	University of California
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-03972	\$135,000	University of Connecticut
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-04040	\$125,753	The Connecticut Agricultural Experiment Station
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-04041	\$10,000	The Ohio State University
2009	Plant Health and Production and Plant Products	Plant Biology: Growth and Development	2009-04041	\$134,815	Mississippi State University
2009	Plant Health and Production and Plant Products	Plant Biosecurity	2009-02025	\$10,000	Cornell University
2009	Plant Health and Production and Plant Products	Plant Biosecurity	2009-05002	\$621,284	University of Nebraska-Lincoln, Board of Regents
2009	Plant Health and Production and Plant Products	Plant Biosecurity	2009-05004	\$996,112	Oregon State University
2009	Plant Health and Production and Plant Products	Plant Biosecurity	2009-05007	\$149,717	South Dakota State University
2009	Plant Health and Production and Plant Products	Plant Biosecurity	2009-05009	\$124,989	University of New Hampshire
2009	Plant Health and Production and Plant Products	Plant Biosecurity	2009-05013	\$328,714	University of Georgia
2009	Plant Health and Production and Plant Products	Plant Biosecurity	2009-05017	\$914,338	Oklahoma State University
2009	Plant Health and Production and Plant Products	Plant Biosecurity	2009-05020	\$999,552	University of Florida
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04814	\$500,000	University of California
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04817	\$497,748	University of Florida
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04819	\$499,884	University of Georgia
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04820	\$500,000	Michigan State University

Acropop FY	Categories	Program Name	Proposal Number	Amount	Recipient Institution
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04821	\$499,315	South Dakota State University
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04822	\$499,994	Texas A&M University
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04824	\$497,672	Purdue University
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04827	\$499,392	Cornell University
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04828	\$500,000	University of Illinois at Urbana-Champaign
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04833	\$500,000	Western Illinois University
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04834	\$499,857	Louisiana State University Agricultural Center
2009	Plant Health and Production and Plant Products	Plant Breeding and Education	2009-04842	\$499,386	University of Florida
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01469	\$3,000	Gordon Research Conferences
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01579	\$10,000	Purdue University
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01850	\$282,000	Univ of Nebraska-Lincoln
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01860	\$500,000	Purdue University
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01861	\$500,000	University of California
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01863	\$447,000	University of California
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01864	\$448,000	University of California
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01869	\$10,000	The Samuel Roberts Noble Foundation, Inc.
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01872	\$450,000	USDA - Agricultural Research Service
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01881	\$500,000	Cornell University
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01884	\$448,000	University of Minnesota
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01886	\$450,000	Michigan State University
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01887	\$5,000	University of Missouri
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01900	\$150,000	University of Kentucky
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01903	\$448,000	Oregon State University
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01907	\$454,545	U.S.D.A. Forest Service
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01916	\$441,000	Kansas State University
2009	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2009-01919	\$1,250,000	Michigan State University
2010	Plant Health and Production and Plant Products	Applied Plant Genomics Coordinated Agricultural Project	2010-03613	\$1,250,000	North Dakota State University
2010	Plant Health and Production and Plant Products	Applied Plant Genomics Coordinated Agricultural Project	2010-03615	\$1,250,000	North Dakota State University
2010	Plant Health and Production and Plant Products	Applied Plant Genomics Coordinated Agricultural Project	2010-03616	\$1,250,000	University of California, Davis
2010	Plant Health and Production and Plant Products	Anthropod and Nematode Biology and Management	Oi 2010-04882	\$257,000	University of Illinois
2010	Plant Health and Production and Plant Products	Anthropod and Nematode Biology and Management	Pr 2010-07337	\$313,525	University of North Carolina at Greensboro
2010	Plant Health and Production and Plant Products	Climate Change: Climate Change Mitigation and Adaptation	Pr 2010-05004	\$1,000,000	University of Georgia
2010	Plant Health and Production and Plant Products	Climate Change: National Cereal Germplasm Phenology	Adap 2010-04228	\$1,999,998	University of Florida
2010	Plant Health and Production and Plant Products	Climate Change: Regional Approaches to Climate Change	2010-04348	\$5,000,000	University of California
2010	Plant Health and Production and Plant Products	Climate Change: Regional Approaches to Climate Change	2010-04400	\$8,000,000	Iowa State University
2010	Plant Health and Production and Plant Products	Climate Change: Regional Approaches to Climate Change	2010-04434	\$4,000,000	University of Florida
2010	Plant Health and Production and Plant Products	Climate Change: Regional Approaches to Climate Change	2010-03359	\$50,000	University of Wyoming
2010	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2010-03611	\$500,000	Oregon State University
2010	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2010-03612	\$497,000	University of California
2010	Plant Health and Production and Plant Products	Plant Genome, Genetics and Breeding	2010-03614	\$500,000	Purdue University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products	2010-03614	\$19,000	Federation of American Societies for Experimental Biology
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products	2010-02938	\$14,650	Gordon Research Conferences
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products	2010-02939	\$499,048	University of Florida
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products	2010-04096	\$498,875	USDA - Forest Service
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products	2010-04110	\$496,716	Cold Spring Harbor Laboratory
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products	2010-04112	\$498,795	Colorado State University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products	2010-04115	\$500,000	University of Minnesota
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products	2010-04121	\$499,538	University of Minnesota
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products	2010-04122		

Approp FY	Categories	Program Name	Proposal Number	Amount	Recipient Institution
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04128	\$499,320	University of Florida
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04130	\$2,500	University of Kentucky
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04138	\$499,983	University of Illinois
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04140	\$495,152	University of California
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04143	\$499,970	University of Delaware
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04196	\$480,153	University of Florida
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04200	\$499,607	University of California
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04201	\$10,000	Gordon Research Conferences
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04206	\$58,832	Augustana College
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04209	\$500,000	University of California
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04217	\$499,680	University of North Carolina at Chapel Hill
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04223	\$499,983	University of Illinois
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Biolog	2010-04284	\$498,215	Mississippi State University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03689	\$446,925	Cornell University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03698	\$9,900	Pennsylvania State University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03710	\$297,000	Pennsylvania State University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03720	\$297,616	Pennsylvania State University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03724	\$456,939	Pennsylvania State University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03725	\$490,000	Emory University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03741	\$490,000	Emory University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03752	\$453,658	Purdue University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03755	\$445,259	Arizona Board of Regents, University of Arizona
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03760	\$333,276	University of Nevada, Las Vegas
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03764	\$451,014	University of Illinois
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03777	\$463,035	Purdue University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03792	\$297,105	The Ohio State University
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03797	\$57,823	University of Kentucky
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03805	\$456,364	University of Kentucky
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03807	\$450,985	University of Wisconsin
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03836	\$149,940	University of Kentucky
2010	Plant Health and Production and Plant Products	Plant Health and Production and Plant Products: Insect	2010-03871	\$149,861	University of Texas at San Antonio
2010	Sustainable Bioenergy: National Loblolly Pine Genome	Sustainable Bioenergy: National Loblolly Pine Genome	2010-04354	\$30,000	University of Illinois
2010	Sustainable Bioenergy: Plant Feedstock Genomics for	Sustainable Bioenergy: Plant Feedstock Genomics for	2010-03593	\$2,925,000	University of California
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03594	\$1,000,000	University of Illinois at Urbana-Champaign
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03594	\$1,000,000	Texas A&M University
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04150	\$173,601	North Carolina State University
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04151	\$199,892	Louisiana State University Agricultural Center
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04156	\$199,244	Michigan State University
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04160	\$196,548	USDA - Agricultural Research Service
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04164	\$196,964	University of Illinois at Urbana-Champaign
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04167	\$194,628	USDA - Agricultural Research Service
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04177	\$200,000	Virginia Polytechnic Institute and State University
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04178	\$187,621	University of Arkansas
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04183	\$192,922	University of Minnesota
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04183	\$199,553	University of Wisconsin
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04194	\$199,392	Arizona Board of Regents, University of Arizona
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04195	\$109,984	University of California
2010	Sustainable Bioenergy: Sustainable Bioenergy Resear	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-04344	\$198,548	Pennsylvania State University
Plant Health and Production and Plant Products Total				\$113,030,516	

Approp FY	Categories	Program Name	Proposal Number	Amount	Recipient Institution
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04526	\$599,879	Utah State University/Utah Agricultural Experiment Station
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04528	\$597,990	California State University, Fresno Foundation
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04530	\$597,806	University of Minnesota
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04537	\$399,273	University of Minnesota
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04542	\$597,321	Texas Tech University
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04549	\$400,000	Clarkson University
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04550	\$595,995	Louisiana State University Agricultural Center
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04554	\$400,000	Colorado State University
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04566	\$399,961	The Ohio State University
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04568	\$113,724	West Texas A&M University
2009	Renewable Energy, Natural Resources, and Environment	Air Quality	2009-04609	\$599,966	South Dakota State University
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04673	\$495,000	University of California
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04874	\$454,000	Cornell University
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04884	\$494,000	University of California
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04893	\$124,962	Colorado State University
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04899	\$491,000	University of Minnesota
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04903	\$493,000	University of Minnesota
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04906	\$494,000	Auburn University
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04913	\$125,000	Oregon State University
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04924	\$494,000	The Ohio State University
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04931	\$494,000	University of Alaska Fairbanks
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04932	\$149,911	University of Alaska Anchorage
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04934	\$91,423	The Ohio State University
2009	Renewable Energy, Natural Resources, and Environment	Biology of Weedy and Invasive Species in Agroecosyst	2009-04939	\$199,704	Idaho State University
2009	Renewable Energy, Natural Resources, and Environment	Global Change	2010-00815	\$490,300	USDA - Agricultural Research Service
2009	Renewable Energy, Natural Resources, and Environment	Global Change	2010-00816	\$489,760	University of Nevada, Reno
2009	Renewable Energy, Natural Resources, and Environment	Global Change	2010-00955	\$489,458	University of Minnesota
2009	Renewable Energy, Natural Resources, and Environment	Global Change	2010-00956	\$445,092	Purdue University
2009	Renewable Energy, Natural Resources, and Environment	Global Change	2010-00957	\$475,400	Michigan State University
2009	Renewable Energy, Natural Resources, and Environment	Global Change	2010-00958	\$459,650	Land Stewardship Project
2009	Renewable Energy, Natural Resources, and Environment	Global Change	2010-00961	\$490,353	University of Rhode Island
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04438	\$115,184	Louisiana State University Agricultural Center
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04441	\$10,000	Michigan State University
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04442	\$363,327	New Mexico State University
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04457	\$497,677	Oregon State University
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04460	\$149,811	University of Nevada, Reno
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04462	\$499,776	University of Illinois at Urbana-Champaign
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04463	\$100,000	Oregon State University
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04464	\$499,833	Iowa State University
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04468	\$100,000	Texas AgriLife Research
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04469	\$10,000	Cary Institute of Ecosystem Studies
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04473	\$499,250	Iowa State University
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04474	\$149,452	BOISE STATE UNIVERSITY
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04482	\$499,986	University of Washington
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04489	\$490,852	Oklahoma State University
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04490	\$44,754	Oklahoma State University
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-04495	\$44,754	North Carolina State University
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2010-01075	\$454,545	North Carolina State University
2009	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2009-02608	\$10,000	Alabama A&M University
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02609	\$10,000	Cary Institute of Ecosystem Studies

Approp FY	Categories	Program Name	Proposal Number	Amount	Recipient Institution
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02610	\$10,000	University of Florida
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02612	\$200,000	U.S.D.A. Forest Service
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02613	\$149,828	University of New Hampshire
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02616	\$253,489	University of Pennsylvania
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02621	\$125,000	Iowa State University
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02626	\$10,000	Colorado State University
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02628	\$149,438	University of Rhode Island
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02635	\$149,859	Colorado State University
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02647	\$448,600	Arizona Board of Regents, University of Arizona
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02658	\$449,900	University of Georgia
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02660	\$349,934	South Dakota State University
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02670	\$335,513	Oregon State University
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02672	\$448,500	Michigan State University
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02677	\$118,697	Louisiana State University and A&M College
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02682	\$344,700	University of Florida
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02692	\$449,500	University of Tennessee
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02700	\$210,117	University of California
2009	Renewable Energy, Natural Resources, and Environment	Soil Processes	2009-02873	\$124,983	Mississippi State University of Agriculture and Applied Science
2009	Renewable Energy, Natural Resources, and Environment	Sustainable Agroecosystem Science LTAP	2009-03100	\$200,000	Purdue University
2009	Renewable Energy, Natural Resources, and Environment	Sustainable Agroecosystem Science LTAP	2009-03111	\$200,000	University of Idaho
2009	Renewable Energy, Natural Resources, and Environment	Sustainable Agroecosystem Science LTAP	2009-03112	\$200,000	University of California
2009	Renewable Energy, Natural Resources, and Environment	Sustainable Agroecosystem Science LTAP	2009-03113	\$199,937	Texas Tech University
2009	Renewable Energy, Natural Resources, and Environment	Sustainable Agroecosystem Science LTAP	2009-03114	\$199,368	Montana State University
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02419	\$10,000	Ecological Society of America
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02423	\$399,808	University of California
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02424	\$317,950	University of Delaware
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02425	\$110,352	Texas AgriLife Research
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02426	\$399,945	University of Nevada, Reno
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02432	\$393,297	North Dakota State University
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02439	\$10,000	American Geophysical Union
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02440	\$400,000	Purdue University
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02441	\$112,050	Louisiana State University Agricultural Center
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02444	\$261,662	Texas Tech University
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02453	\$396,775	University of Illinois at Urbana-Champaign
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02467	\$398,821	Mississippi State University
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02475	\$400,000	Georgia Tech Research Corporation
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02877	\$399,970	Michigan State University
2009	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2009-02884	\$299,370	Cornell University
2010	Renewable Energy, Natural Resources, and Environment	Climate Change: Climate Change Mitigation and Adaptation	2010-04246	\$1,749,707	University of Delaware
2010	Renewable Energy, Natural Resources, and Environment	Climate Change: Climate Change Mitigation and Adaptation	2010-04256	\$1,000,000	Purdue University
2010	Renewable Energy, Natural Resources, and Environment	Climate Change: Climate Change Mitigation and Adaptation	2010-04267	\$999,925	University of California
2010	Renewable Energy, Natural Resources, and Environment	Climate Change: Regional Approaches to Climate Change	2010-04401	\$9,000,000	University of Idaho
2010	Renewable Energy, Natural Resources, and Environment	Climate Change: Regional Approaches to Climate Change	2010-03362	\$50,000	Arizona Board of Regents, University of Arizona
2010	Renewable Energy, Natural Resources, and Environment	Climate Change: Regional Approaches to Climate Change	2010-03368	\$50,000	University of Arkansas
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Agricultural Water Science	2010-03557	\$498,649	Texas A&M University
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Agricultural Water Science	2010-03559	\$496,335	Texas A&M University
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Agricultural Water Science	2010-03561	\$499,912	University of Hawaii
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Agricultural Water Science	2010-03574	\$486,451	University of Florida
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Agricultural Water Science	2010-03577	\$495,888	Michigan State University

Approp FY	Categories	Program Name	Proposal Number	Amount	Recipient Institution
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Agricultural Water Science	2010-03579	\$492,797	Purdue University
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Agricultural Water Science	2010-03583	\$500,000	Univ of Nebraska-Lincoln
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Agricultural Water Science	2010-03587	\$500,000	University of California, Riverside
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Agricultural Water Science	2010-03591	\$499,815	Colorado School of Mines
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04952	\$498,000	Tufts University
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04954	\$498,000	Utah State University
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04955	\$400,000	North Carolina State University
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04956	\$10,000	Alabama A&M University
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04967	\$495,000	Michigan State University
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04970	\$497,000	USDA - Agricultural Research Service
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04973	\$498,000	USDA
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04981	\$452,000	University of Kentucky
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04982	\$250,153	University of Minnesota
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04983	\$484,000	University of Minnesota
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-04985	\$493,000	Georgia Tech Research Corporation
2010	Renewable Energy, Natural Resources, and Environment	Foundational Program: Microbial Communities in Soil	2010-05095	\$265,507	University of Kentucky
2010	Renewable Energy, Natural Resources, and Environment	Interagency Climate Change	2011-00835	\$900,000	Princeton University
2010	Renewable Energy, Natural Resources, and Environment	Interagency Climate Change	2011-01177	\$3,052,996	Washington State University
2010	Renewable Energy, Natural Resources, and Environment	Interagency Climate Change	2011-01666	\$2,176,080	University of Alabama, Huntsville
2010	Renewable Energy, Natural Resources, and Environment	Interagency Climate Change	2011-00830	\$560,117	University of Georgia
2010	Renewable Energy, Natural Resources, and Environment	Interagency Climate Change	2011-00831	\$367,220	University of Colorado
2010	Renewable Energy, Natural Resources, and Environment	Interagency Climate Change	2011-00832	\$597,383	University of Maine
2010	Renewable Energy, Natural Resources, and Environment	Interagency Climate Change	2011-01033	\$726,510	Iowa State University
2010	Renewable Energy, Natural Resources, and Environment	Interagency Climate Change	2011-01034	\$675,635	Purdue University
2010	Renewable Energy, Natural Resources, and Environment	Interagency Climate Change	2011-01036	\$770,842	Oregon State University
2010	Renewable Energy, Natural Resources, and Environment	Managed Ecosystems	2010-05099	\$395,910	Texas AgriLife Extension
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03838	\$160,581	Washington State University
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03848	\$171,600	William Marsh Rice University
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03850	\$197,245	University of Georgia
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03853	\$198,843	Texas A&M University
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03860	\$181,958	University of California
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03865	\$190,484	Pennsylvania State University
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03866	\$199,739	Michigan State University
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03868	\$170,968	FORT VALLEY STATE UNIVERSITY
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03869	\$195,619	Cornell University
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Sustainable Bioenergy Resear	2010-03894	\$183,803	Oklahoma State University
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Planning	2010-03354	\$32,892	Utah State University
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Planning	2010-03355	\$50,000	Shaw University
2010	Renewable Energy, Natural Resources, and Environment	Sustainable Bioenergy: Planning	2010-03356	\$50,000	University of Maine
2010	Renewable Energy, Natural Resources, and Environment	Water and Watersheds	2010-04084	\$82,000	University of Delaware
Renewable Energy, Natural Resources, and Environment Total				\$60,839,333	
Grand Total				\$79,899,037	

AGRICULTURE AND FOOD RESEARCH INITIATIVE

Mr. Kingston: Please provide a list of APRI grants awarded to ARS researchers for fiscal year 2010.

Response: Under the APRI program in FY 2010, grant awards for which ARS is the lead research institution totaled \$4,773,429. The proposals funded are identified below:

FY 2010 grant awards for which ARS is the lead research institution.

Project Title	Amount Awarded
Predictive Modeling and Mitigation of the Effects of Climate Change on the Infestation Patterns of a Migratory Crop Pest Insect	\$654,665
Development and field evaluation of genome-wide marker-assisted selection (GWMAS) over multiple generations in commercial poultry	625,000
Implementation of Whole Genome Selection in the US Dairy and Beef Cattle Industries	625,000
Generation of a high density SNP chip for genomic analysis in rainbow trout	678,000
Structural and functional impacts of copy number variations on the cattle of genome	617,428
Rfamides Peptides Integrate the effect of Nutrition on the Gonadotropic Axis of the Gilt	415,936
Managing the emerging risk of trichinellosis in organic and free range pork	266,226
Mitigating insect herbivory of warm-season bioenergy grasses-getting ahead of the curve	199,548
The Impacts of Lignin Modification on Fungal Pathogen and Insect Interactions in Sorghum for Cellulosic and Thermal Bioenergy	194,626
Rhizobacterial Community Structure and Function in A Dryland Agroecosystem	497,000
Total	\$4,773,429

EXTENSION PROGRAMS

Mr. Kingston: Please provide a chart showing funding by category for NIFA's Extension programs for fiscal years 2009 through 2011.

Response: The information is submitted for the record.

[The information follows:]

Extension Programs

	FY 2009	FY 2010	FY 2011
Formula Programs:			
Smith-Lever Formula 3(b)&c.....	\$288,548,000	\$297,500,000	\$297,500,000
1890 Institutions.....	40,150,000	42,677,000	42,677,000
Smith-Lever 3(d) Programs:			
Expanded Food and Nutrition Education Program	66,155,000	68,070,000	68,070,000
Pest Management.....	9,791,000	9,938,000	9,938,000
Farm Safety.....	4,863,000	4,863,000	4,863,000
New Technologies for Ag Extension.....	1,500,000	1,750,000	1,750,000
Children, Youth, and Families at Risk.....	8,182,000	8,412,000	8,412,000
Youth Farm Safety Education and Certification.....	479,000	486,000	486,000
Sustainable Agriculture.....	4,568,000	4,705,000	4,705,000
Federally-Recognized Tribes Extension.....	3,000,000	3,045,000	3,045,000
Extension Services at the 1994 Institutions.....	3,321,000	4,321,000	4,321,000
Renewable Resources Extension Act.....	4,008,000	4,068,000	4,068,000
Rural Health and Safety.....	1,738,000	1,738,000	1,738,000
1890 Facilities (Sec. 1447).....	18,000,000	19,770,000	19,770,000
Grants for Youth Serving Institutions.....	1,767,000	1,784,000	1,784,000
Food Animal Residue Avoidance Database.....	806,000	1,000,000	1,000,000
Women & Minorities in STEM Fields.....	0	400,000	400,000
Federal Administration:			
Other.....	9,388,000	11,831,000	11,831,000
General Admin (Including Pay Cost).....	7,433,000	8,012,000	8,012,000
Ag in the Classroom.....	<u>553,000</u>	<u>553,000</u>	<u>553,000</u>
Total, Extension Activities.....	\$474,250,000	\$494,923,000	\$494,923,000

INTEGRATED ACTIVITIES

Mr. Kingston: Please provide a chart showing funding by category for NIFA's integrated research program for fiscal years 2009 through 2011.

Response: This information is submitted for the record.

[The information follows:]

Integrated Activities

Program Name	FY 2009	FY 2010	FY 2011
Rural Development Centers	\$1,312,000	\$1,312,000	\$1,312,000
Water Quality	12,649,000	12,649,000	12,649,000
Food Safety	14,596,000	14,596,000	14,596,000
Regional Pest Management Centers	4,096,000	4,096,000	4,096,000
Crops at Risk from FQPA Implementation	1,365,000	1,365,000	1,365,000
FQPA Risk Mitigation Program for Major Food Crop Systems	4,388,000	4,388,000	4,388,000
Methyl Bromide Transition Program	3,054,000	3,054,000	3,054,000
Organic Transition Program	1,842,000	5,000,000	5,000,000
International Science and Education Grants	3,000,000	3,000,000	3,000,000
Critical Issues - Plant and Animal Diseases	732,000	732,000	732,000
Homeland Security	<u>9,830,000</u>	<u>9,830,000</u>	<u>9,830,000</u>
Subtotal (Discretionary Programs)	\$56,864,000	\$60,022,000	\$60,022,000
Organic Agricultural Research and Extension Initiative a/	18,000,000	20,000,000	20,000,000
Specialty Crops, Research Initiative a/	<u>50,000,000</u>	<u>50,000,000</u>	<u>50,000,000</u>
Total	\$124,864,000	\$130,022,000	\$130,022,000

a/ Mandatory Programs

SPECIALTY CROP RESEARCH INITIATIVE

Mr. Kingston: Please provide a chart of the Specialty Crop Research Initiative, including the amount, recipient(s) and location of recipient(s), for fiscal years 2009 through 2011.

Response: This is a competitive program. Awards have not been determined for FY 2011. The information is submitted for the record.

[The information follows:]

Specialty Crop Research Initiative

Location of Recipient(s)	Recipients	FY 2009 Amount	FY 2010 Amount
AL	Auburn University	-	\$604,771
AR	University of Arkansas, Fayetteville	\$1,463,234	-
AZ	Arizona State University	-	312,471
CA	University of California	5,923,834	6,658,835
CA	Agricultural Research Service, USDA	-	562,035
CO	Colorado State University	49,949	2,467,589
FL	University of Florida	3,885,893	2,939,056
GA	University of Georgia	774,581	-
IL	University of Illinois	1,951,981	1,548,793
IN	Purdue University	-	2,441,298
LA	Louisiana State University	3,360,736	-
MD	University of Maryland, College Park	5,161,495	-
MD	Agricultural Research Service, USDA	-	1,697,509
ME	University of Maine	1,023,805	-
MI	Michigan State University	1,854,372	1,992,028
MN	University of Minnesota	-	496,663
NJ	Rutgers, The State University of New Jersey	1,503,166	-
N. Marianas	Northern Marianas College	-	28,629
NY	Cornell University	197,276	3,222,100
NY	Agricultural Research Service, USDA	2,381,759	49,316
OH	Agricultural Research Service, USDA	1,826,298	-
OH	Ohio State University	49,966	2,037,717
OK	Oklahoma State University	422,964	30,000
OR	Oregon State University	1,392,933	5,808,980
PA	Pennsylvania State University	-	1,388,438
SC	Clemson University	48,947	-
TN	University of Tennessee	-	50,000
TX	Texas A&M University	3,900,889	3,802,678
VA	Virginia Polytechnic Institute & State University	-	6,526,342
WA	Washington State University	8,282,415	-
WV	Agriculture Research Service, USDA	1,196,861	1,483,438
WA	Washington State University	-	519,741
	Federal Administration	2,000,000	2,000,000
	Small Business Innovation Research	1,200,000	1,200,000
	Peer Panel	146,646	131,573
Total		\$50,000,000	\$50,000,000

SPECIAL RESEARCH GRANTS

Mr. Kingston: Please provide a chart of all special research grants, including the amount, recipient(s) and location of recipient(s), for fiscal years 2010 and 2011.

Response: Awards have not been determined for fiscal year 2011. The information is submitted for the record.

[The information follows:]

NIFA SPECIAL RESEARCH GRANTS FUNDING

Special Research Grants	FY 2010 Funding	Recipients	Recipient Location
Advanced Genetic Technologies, KY	\$650,000	University of Kentucky	Lexington, KY
Advancing Biofuel Production, TX	300,000	Texas A&M University	College Station, TX
Aegilops Cylindrica (Jointed Goatgrass), WA	245,000	Baylor University	Waco, TX
Agricultural Diversification, HI	153,000	Washington State University	Pullman, WA
Agricultural Entrepreneurial Alternatives, PA	248,000	University of Hawaii	Oahu, HI
Agricultural Marketing, IL	176,000	The Pennsylvania State University	University Park, PA
Agriculture Energy Innovation Center, GA	1,000,000	University of Illinois	Urbana-Champaign, IL
Agriculture Science, OH	450,000	University of Georgia	Athens, GA
Agroecology/Chesapeake Bay Agroecology, MD	439,000	The Ohio State University	Columbus, OH
Air Quality, TX and KS	1,090,000	University of Maryland-Wye Research & Education Center	Queenstown, MD
Animal Science Food Safety Consortium, AR, IA, and KS	1,000,000	Texas A&M University	College Station, TX
Apple Fire Blight, MI and NY	346,000	University of Arkansas	Fayetteville, AR
Aquaculture, FL, CA, and TX	416,000	Iowa State University	Ames, IA
Aquaculture, ID and WA	529,000	Kansas State University	Manhattan, KS
Aquaculture, LA	150,000	Michigan State University	East Lansing, MI
Aquaculture, MS	361,000	Cornell University	Ithaca, NY
Aquaculture, NC	227,000	University of Florida	Gainesville, FL
Aquaculture Product and Marketing Development, WV	550,000	Washington State University	Pullman, WA
Armillaria Root Rot, MI	104,000	University of Idaho	Moscow, ID
Asparagus Production Technologies, WA	173,000	Louisiana State University	Baton Rouge, LA
Avian Bioscience, DE	150,000	Mississippi State University	Starkville, MS
Babcock Institute, WI	416,000	North Carolina State University	Raleigh, NC
Barley for Rural Development, MT and ID	547,000	University of West Virginia	Morgantown, WV
Beef Improvement Research, TX and MO	693,000	Michigan State University	East Lansing, MI
Bioactive Foods Research for Health and Food Safety, MA	525,000	Washington State University	Pullman, WA
Biodesign and Processing Research Center, VA	868,000	Michigan State University	East Lansing, MI
Bioenergy Production and Carbon Sequestration, TN	1,000,000	University of Delaware	Newark, DE
Biomass-based Energy Research, OK and MS	839,000	University of Wisconsin	Madison, WI
Biotechnology, NC	199,000	Montana State University	Bozeman, MT
Bovine Tuberculosis, MI and MN	346,000	University of Idaho	Moscow, ID
Brucellosis Vaccine, MT	305,000	Texas A&M University	College Station, TX

Special Research Grants	FY 2010 Funding	Recipients	Recipient Location
Cataloging Genes Associated with Drought and Disease Resistance, NM	176,000	New Mexico State University	Las Cruces, NM
Center for One Medicine, IL	500,000	University of Illinois	Urbana-Champaign, IL
Center for Rural Studies, VT	350,000	University of Vermont	Burlington, VT
Childhood Obesity and Nutrition, VT	250,000	University of Vermont	Burlington, VT
Citrus Canker/Greening, FL	1,217,000	University of Florida	Gainesville, FL
Competitiveness of Agricultural Products, WA	469,000	Washington State University	Pullman, WA
Computational Agriculture, NY	131,000	University of Washington	Seattle, WA
Cool Season Legume Research, ID, ND, and WA	350,000	Cornell, University	Ithaca, NY
		University of Idaho	Moscow, ID
		North Dakota State University	Fargo, ND
		Washington State University	Pullman, WA
Cotton Insect Management and Fiber Quality, GA	346,000	University of Georgia	Athens, GA
Cranberry/Blueberry Disease and Breeding, NJ	550,000	Rutgers University	New Brunswick, NJ
Cranberry/Blueberry, MA	160,000	University of Massachusetts	Amherst, MA
Crop Integration and Production, SD	400,000	South Dakota State University	Brookings, MT
Crop Pathogens, NC	225,000	North Carolina State University	Raleigh, NC
Dairy and Meat Goat Research, TX	200,000	Prairie View A&M University	Prairie View, TX
Dairy Farm Profitability, PA	372,000	The Pennsylvania State University	University Park, PA
Delta Revitalization Project, MS	176,000	Mississippi State University	Starkville, MS
Designing Foods for Health, TX	1,385,000	Texas A&M University	College Station, TX
Detection and Food Safety, AL	1,748,000	Auburn University	Auburn, AL
Drought Mitigation, NE	600,000	University of Nebraska	Lincoln, NE
Efficient Irrigation, NM and TX	1,160,000	Texas A&M University	College Station, TX
		New Mexico State University	Las Cruces, NM
Emerald Ash Borer, OH	550,000	The Ohio State University	Columbus, OH
Environmental Research, NY	258,000	Cornell, University	Ithaca, NY
Environmental Risk Factors/Cancer, NY	150,000	Cornell, University	Ithaca, NY
Environmentally Safe Products, VT	250,000	University of Vermont	Burlington, VT
Expanded Wheat Pasture, OK	223,000	Oklahoma State University	Stillwater, OK
Expert IPM Decision Support System	156,000	North Carolina State University	Raleigh, NC
Floriculture, HI	300,000	University of Hawaii	Manoa, HI
Food and Agriculture Policy Research Institute	1,339,000	Iowa State University	Ames, IA
IA, MO, NV, and WI		University of Missouri	Columbia, MO
Food and Fuel Initiative, IA	298,000	Iowa State University	Ames, IA
Food Marketing Policy Center, CT	401,000	University of Connecticut	Storrs, CT
		University of Massachusetts	Amherst, MA
Food Safety, OK and ME	382,000	Oklahoma State University	Stillwater, OK
Food Safety, TX	69,000	Texas A&M University	College Station, TX
Food Safety Research Consortium, NY	693,000	Cornell, University	Ithaca, NY
Food Security, WA	276,000	Washington State University	Pullman, WA
Forages for Advancing Livestock Production, KY	473,000	University of Kentucky	Lexington, KY
Forestry Research, AR	319,000	University of Arkansas	Monticello, AR
Fresh Produce Food Safety, CA	750,000	University of California	Davis, CA

Special Research Grants	FY 2010 Funding	Recipients	Recipient Location
Genomics for Southern Crop Stress and Disease, MS	797,000	Mississippi State University	Starkville, MS
Geographic Information System	1,248,000	The Pennsylvania State University	University Park, PA
Global Change and UV Monitoring, CO	1,408,000	Colorado State University	Fort Collins, CO
Grain Sorghum, KS and TX	1,000,000	Kansas State University Texas A&M University Texas Tech University	Manhattan, KS College Station, TX Lubbock, TX
Grass Seed Cropping for Sustainable Agriculture, ID, OR, and WA	313,000	University of Idaho Oregon State University Washington State University	Moscow, ID Corvallis, OR Pullman, WA
High Performance Computing, UT	263,000	Utah State University	Logan, UT
Human Nutrition, LA	526,000	Louisiana State University	Baton Rouge, LA
Human Nutrition, NY	377,000	Cornell University	Ithaca, NY
Hydroponic Production, OH	124,000	The Ohio State University	Columbus, OH
Improved Dairy Management Practices, PA	243,000	The Pennsylvania State University	University Park, PA
Improved Fruit Practices, MI	147,000	Michigan State University	East Lansing, MI
Increasing Shelf Life of Agricultural Commodities, ID	603,000	University of Idaho	Moscow, ID
Infectious Disease Research, CO	650,000	Colorado State University	Fort Collins, CO
Initiative to Improve Blueberry Production and Efficiency, GA	209,000	University of Georgia	Athens, GA
Inland Marine Aquaculture, VA	400,000	Virginia Polytechnic Institute and State University	Blacksburg, VA
Institute for Food Science and Engineering, AR	775,000	University of Arkansas	Fayetteville, AR
Integrated Economic and Technical Analysis of Sustainable Biomass Energy Systems, IN	188,000	Purdue University	West Lafayette, IN
Integrated Pest Management	2,415,000	University of California Colorado State University Purdue University Kansas State University Louisiana State University University of Massachusetts University of Maryland Michigan State University North Carolina State University Cornell University The Pennsylvania State University Clemson University Oregon State University Texas A&M University Virginia Polytechnic and State University Washington State University	Davis, CA Fort Collins, CO West Lafayette, IN Manhattan, KS Baton Rouge, LA Amherst, MA College Park, MD East Lansing, MI Raleigh, NC Ithaca, NY University Park, PA Clemson, SC Corvallis, OR College Station, TX Blacksburg, VA Pullman, WA
Integrated Production Systems, OK	177,000	Oklahoma State University	Stillwater, OK
International Arid Lands Consortium, AZ	401,000	University of Arizona	Tucson, AZ
Invasive Plant Management, MT	270,000	Montana State University	Bozeman, MT

Special Research Grants	FY 2010 Funding	Recipients	Recipient Location
IR-4 Minor Crop Pest Management	12,180,000	University of California University of Florida Michigan State University Rutgers University Cornell University	Davis, CA Gainesville, FL East Lansing, MI New Brunswick, NJ Ithaca, NY
Joint U.S.-China Biotechnology Research and Extension, UT	210,000	Utah State University	Logan, UT
Leopold Center Hypoxia Project, IA	105,000	Iowa State University	Ames, IA
Livestock and Dairy Policy, NY and TX	693,000	Cornell University Texas A&M University	Ithaca, NY College Station, TX
Maple Research, VT	165,000	University of Vermont	Burlington, VT
Meadow Foam, OR	180,000	Oregon State University	Corvallis, OR
Michigan Biotechnology Consortium	384,000	Michigan State University	East Lansing, MI
Midwest Center for Bioenergy Grasses, IN	188,000	Purdue University	West Lafayette, IN
Midwest Poultry Consortium, IA	471,000	Iowa State University	Ames, IA
Milk Safety, PA	821,000	The Pennsylvania State University	University Park, PA
Minor Use Animal Drugs	429,000	University of California University of Florida Iowa State University Cornell University	Davis, CA Gainesville, FL Ames, IA Ithaca, NY
Molluscan Shellfish, OR	253,000	Oregon State University	Corvallis, OR
Multicommodity Research, OR	244,000	Oregon State University	Corvallis, OR
National Beef Cattle Genetic Evaluation Consortium, NY, CO, and GA	655,000	Colorado State University University of Georgia Cornell University	Fort Collins, CO Athens, GA Ithaca, NY
National Center for Soybean Biotechnology, MO	690,000	University of Missouri	Columbia, MO
Nematode Resistance Genetic Engineering, NM	209,000	New Mexico State University	Las Cruces, NM
Nevada Arid Rangelands Initiative	500,000	University of Nevada	Reno, NV
New Century Farm, IA	350,000	Iowa State University	Ames, IA
New Crop Opportunities, KY	525,000	University of Kentucky	Lexington, KY
New Satellite and Computer-based Technology for Agriculture, MS	654,000	Mississippi State University	Starkville, MS
Oil Resources from Desert Plants, NM	176,000	New Mexico State University	Las Cruces, NM
Organic Cropping, OR	149,000	Oregon State University	Corvallis, OR
Organic Cropping, WA	264,000	Washington State University	Pullman, WA
Organic Waste Utilization, NM	69,000	New Mexico State University	Las Cruces, NM
Peach Tree Short Life Research, SC	195,000	Clemson University	Clemson, SC
Perennial Wheat, WA	98,000	Washington State University	Pullman, WA
Pest Management Alternatives	1,434,000	USDA-Agricultural Research Service University of Florida Michigan State University Cornell University Oregon State University Clemson University University of Washington	Albany, CA Gainesville, FL East Lansing, MI Ithaca, NY Corvallis, OR Clemson, SC Corvallis, OR
Phytophthora Research, GA	178,000	University of Georgia	Athens, GA

Special Research Grants	FY 2010 Funding	Recipients	Recipient Location
Phytophthora Research, MI	346,000	Michigan State University	East Lansing, MI
Phytosensors for Crop Security and Precision Agriculture, TN	1,000,000	University of Tennessee	Knoxville, TN
Pierce's Disease, CA	2,000,000	University of California	Davis, CA
Policy Analyses for National Secure and Sustainable Food, Fiber, Forestry and Energy Program, TX	200,000	Texas A&M University	College Station, TX
Potato Breeding Research Program	1,436,000	Colorado State University University of Maine North Dakota State University Washington State University	Fort Collins, CO Orono, ME Fargo, ND Pullman, WA
Potato Cyst Nematode, ID	349,000	University of Idaho	Moscow, ID
Precision Agriculture, AL	419,000	Auburn University	Auburn, AL
Precision Agriculture, KY	671,000	University of Kentucky	Lexington, KY
Preharvest Food Safety, KS	500,000	Kansas State University	Manhattan, KS
Preservation and Processing Research, OK	174,000	Oklahoma State University	Stillwater, OK
Protein Production for Research to Combat Viruses and Microbes, CT	500,000	University of Connecticut	Storrs, CT
Protein Utilization, IA	600,000	Iowa State University	Ames, IA
Rangeland Ecosystems Dynamics, ID	300,000	University of Idaho	Moscow, ID
Regional Barley Gene Mapping Project, OR	471,000	Oregon State University	Corvallis, OR
Regionalized Implications of Farm Programs, MO and TX	595,000	University of Missouri Texas A&M University	Columbia, MO College Station, TX
Renewable Energy and Products, ND	1,000,000	North Dakota State University	Fargo, ND
Rice Agronomy, MO	174,000	University of Missouri	Columbia, MO
Ruminant Nutrition Consortium, MT, ND, SD, and WY	563,000	South Dakota State University	Brookings, SD
Rural Policies Institute, NE, IA, and MO	889,000	University of Missouri	Columbia, MO
Rural Renewable Energy Research and Education Center, WI	500,000	University of Wisconsin	Madison, WI
Russian Wheat Aphid, CO	250,000	Colorado State University	Fort Collins, CO
Seed Technology, SD	350,000	South Dakota State University	Brookings, SD
Small Fruit Research, OR, WA, and ID	307,000	Oregon State University	Corvallis, OR
Soil-borne Disease Prevention in Irrigated Agriculture, NM	187,000	New Mexico State University	Las Cruces, NM
Southern Great Plains Dairy Consortium, NM	350,000	New Mexico State University	Las Cruces, NM
Southwest Consortium for Plant Genetics and Water Resources, NM	271,000	New Mexico State University	Las Cruces, NM
Soybean Cyst Nematode, MO	556,000	University of Missouri	Columbia, MO
Soybean Research, IL	745,000	University of Illinois	Urbana-Champaign, IL
Specialty Crops, AR	175,000	University of Arkansas	Fayetteville, AR
Specialty Crops, IN	235,000	Purdue University	West Lafayette, IN
STEEP III - Water Quality in Northwest	444,000	Washington State University	Pullman, WA
Sustainable Agriculture, CA	357,000	University of California	Santa Cruz, CA

Special Research Grants	FY 2010 Funding	Recipients	Recipient Location
Sustainable Agriculture, MI	266,000	Michigan State University	East Lansing, MI
Sustainable Agriculture and Natural Resources, PA	142,000	The Pennsylvania State University	University Park, PA
Sustainable Beef Supply, MT	682,000	Montana State University	Bozeman, MT
Sustainable Engineered Materials from Renewable Sources, VA	485,000	Virginia Polytechnic Institute and State University	Blacksburg, VA
Sustainable Production and Processing Research for Lowbush Specialty Crops, ME	200,000	University of Maine	Orono, ME
Swine and Other Animal Waste Management, NC	349,000	North Carolina State University	Raleigh, NC
Technology for Irrigated Vegetable Production, SC	500,000	Clemson University	Clemson, SC
Texas Obesity Research Project	500,000	Texas A&M University	College Station, TX
Tick Borne Disease Prevention, RI	280,000	University of Rhode Island	Kingston, RI
Tillage, Silviculture, Waste Management, LA	200,000	Louisiana State University	Baton Rouge, LA
Tri-state Joint Peanut Research, AL	413,000	Auburn University	Auburn, AL
Tropical and Subtropical Research/T-Star	6,677,000	American Samoa Community College University of Florida University of Guam University of Hawaii University of Puerto Rico University of the Virgin Islands	Pago Pago, AS Gainesville, FL Chamorro, GU Manoa, HI Mayaguez, PR St. Croix, VI
Tropical Aquaculture, FL	300,000	University of Florida	Gainesville, FL
Virtual Plant Database Enhancement Project, MO	588,000	University of Missouri	Columbia, MO
Virus-free Wine Grape Cultivars, WA	260,000	Washington State University	Pullman, WA
Viticulture Consortium, CA, NY, and PA	1,454,000	University of California Cornell University	Davis, CA Ithaca, NY
Water Conservation, KS	500,000	Kansas State University	Manhattan, KS
Water Use Efficiency and Water Quality Enhancements, GA	346,000	University of Georgia	Athens, GA
Wetland Plants, LA	200,000	Louisiana State University	Baton Rouge, LA
Wheat Genetic Research, KS	1,000,000	Kansas State University	Manhattan, KS
Wildlife/Livestock Disease Research Partnership, WY	300,000	University of Wyoming	Laramie, WY
Wood Utilization, AK, ID, LA, ME, MI, MN MS, NC, OR, TN, and WV	4,841,000	University of Alaska University of Idaho Louisiana State University University of Maine Michigan State University University of Minnesota Mississippi State University North Carolina State University Oregon State University University of Tennessee West Virginia University Research Corporation	Fairbanks, AK Moscow, ID Baton Rouge, LA Orono, ME East Lansing, MI St. Paul, MN Starkville, MS Raleigh, NC Corvallis, OR Knoxville, TN Morgantown, WV

Special Research Grants	FY 2010 Funding	Recipients	Recipient Location
Wool Research, MT, TX, and WY	206,000	University of Montana	Bozeman, MT
		Texas A&M University	College Station, TX
		University of Wyoming	Laramie, WY
World Food and Health Initiative, IL	461,000	University of Illinois	Urbana-Champaign, IL
TOTAL, SPECIAL RESEARCH GRANTS	<u>\$105,214,000</u>		

FEDERAL ADMINISTRATION GRANTS

Mr. Kingston: Please provide a chart of all federal administration grants, including the amount, recipient(s) and location of recipient(s), for fiscal years 2010 and 2011.

Response: Awards have not been determined for fiscal year 2011. The information is submitted for the record.

[The information follows:]

NIFA FEDERAL RESEARCH ADMINISTRATION GRANTS FUNDING

Federal Administration Grants Research	FY 2010 Funding	Recipients	Recipient Location
Ag-based Industrial Lubricants, IA	5405,000	University of Northern Iowa	Cedar Falls, IA
Agriculture Development in the American Pacific, HI	400,000	University of Hawaii	Manoa, HI
Agriculture Waste Utilization, WV	500,000	West Virginia State College Research and Development Corporation	Institute, WV
Animal Health Research Diagnostics, KY	300,000	Murray State University	Murray, KY
Animal Waste Management, OK	274,000	Oklahoma State University	Stillwater, OK
Applied Agriculture and Environmental Research, CA	693,000	California State University	Fresno, CA
Aquaculture, OH	623,000	The Ohio State University	Columbus, OH
Aquaculture Research and Education Center, PA	300,000	Cheyney University	Cheyney, PA
Best Practices in Agriculture Waste Management, CA	300,000	California Polytechnic State University	San Luis Obispo, CA
Biotechnology Research, MS	480,000	Alcorn State University	Lorman, MS
Cellulosic Biomass, SC	469,000	Clafin University	Orangeburg, SC
Center for Agricultural and Rural Development, IA	412,000	Iowa State University	Ames, IA
Center for Food Industry Excellence, TX	946,000	Texas Tech University	Lubbock, TX
Center for Innovative Food Technology, OH	793,000	Center for Innovative Food Technology	Toledo, OH
Center for North American Studies, TX	693,000	Texas A&M University	College Station, TX
Center for Renewable Transportation Fuel, MI	500,000	Wayne State University	Detroit, MI
Centers for Dairy and Beef Excellence, PA	340,000	Center for Dairy Excellence and the Center for Beef Excellence	Harrisburg, PA
Clemson University Veterinary Institute, SC	1,000,000	Clemson University	Clemson, SC
Climate Forecasting, FL	2,494,000	Florida State University	Tallahassee, FL
Cotton Research, TX	1,730,000	Texas Tech University	Lubbock, TX
Council for Agriculture Science and Technology	110,000	Council for Agriculture Science and Technology	Ames, IA
Dietary Intervention, OH	866,000	The Ohio State University	Columbus, OH
Ethnobotanicals, MD	550,000	University of Toledo	Toledo, OH
Farmland Preservation, OH	160,000	Frostburg State University	Frostburg, MD
Florida Biomass to Biofuels Conversion Program, FL	300,000	The Ohio State University	Columbus, OH
Greenhouse Nurseries, OH	1,380,000	University of Central Florida	Orlando, FL
High Value Horticultural Crops, VA	502,000	University of Toledo	Toledo, OH
International Center for Food Technology Development to Expand Markets, IN	750,000	Institute for Advanced Learning and Research	Danville, VA
Kansas Biobased Polymer Initiative	750,000	Purdue University	West Lafayette, IN
Mariculture, NC	220,000	Kansas Bioscience Authority	Olathe, KS
Medicinal and Bioactive Crops, TX	300,000	University of North Carolina	Wilmington, NC
Midwest Agribusiness Trade and Information Center, IA	187,000	Stephen F. Austin State University	Nacogdoches, TX
Federal Administration Grants	FY 2010	Iowa State University	Ames, IA

Research	Funding	Recipients	Recipient Location
Mississippi Valley State University, Curriculum Development	1,002,000	Mississippi Valley State University	Itta Bena, MS
Monitoring Agricultural Sewage Sludge Application, OH	500,000	University of Toledo	Toledo, OH
NE Center for Invasive Plants, CT, VT, and ME	295,000	University of Connecticut	Storrs, CT
Nutrition Research, NY	188,000	City Harvest, Inc.	New York, NY
Nutrition and Diet Research, CA	925,000	Loma Linda University	Loma Linda, CA
Pasteurization of Shell Eggs, MI	935,000	Michigan Research Institute	Ann Arbor, MI
PM-10 Study, WA	268,000	Washington State University	Pullman, WA
Polymer Research, KS	2,000,000	Pittsburg State University	Pittsburg, KS
Rural Agriculture Small Business Development Program	500,000	University of Pittsburgh	Pittsburgh, PA
Rural Systems, MS	215,000	Jackson State University	Jackson, MS
Shrimp Aquaculture, AZ, HI, LA, MA, MS, SC, and TX	2,908,000	The Oceanic Institute University of Southern Mississippi	Waimanalo, HI Hattiesburg, MS
Sustainable Agricultural Freshwater Conservation, TX	1,434,000	Sul Ross State University	Alpine, TX
University of Wisconsin - Stevens Point Institute for Sustainable Technologies	1,400,000	University of Wisconsin	Stevens Point, WI
Viral Hemorrhagic Septicemia, MI	500,000	Michigan State University	East Lansing, MI
Viral Hemorrhagic Septicemia, OH	150,000	University of Toledo	Toledo, OH
Vitis Gene Discovery, MO	422,000	University of Missouri	Columbia, MO
Water Pollutants, WV	500,000	Marshall University Research Corporation	Huntington, WV
Total, Research Federal Administration Grants	\$33,869,000		

Federal Administration Grants Extension			
Childhood Farm Safety, IA	75,000	Farm Safety 4 Just Kids	Urbandale, IA
Conservation Technology Transfer, WI	376,000	University of Wisconsin	Madison, WI
Dairy Education, IA	175,000	Northeast Iowa Community College	Calmar, IA
Diabetes Detection and Prevention, WA and PA	1,033,000	University of Hawaii Joslin Diabetes Center, Inc. New Mexico State University The Pennsylvania State University Temple University Washington State University West Virginia State University	Manoa, HI Boston, MA Las Cruces, NM University Park, PA Philadelphia, PA Pullman, WA Institute, WV
E-Commerce, MS	231,000	Mississippi State University	Starkville, MS
Efficient Irrigation, NM and TX	1,610,000	Texas A&M University	College Station, TX
Extension Specialist, MS	98,000	Mississippi State University	Starkville, MS
Food Production Education, VT	120,000	Vermont Community Foundation	Middlebury, VT
Health Education Leadership, KY	590,000	University of Kentucky	Lexington, KY
Income Enhancement Demonstration, OH	864,000	EISC, Inc.	Toledo, OH
Institute for Sustainable Agriculture, WI	400,000	University of Wisconsin	Madison, WI
Invasive Phragmites Control and Outreach, MI	155,000	Michigan State University	East Lansing, MI
Iowa Vitality Center	250,000	Iowa State University	Ames, IA
Federal Administration Grants	FY 2010		

Research	Funding	Recipients	Recipient Location
Maine Cattle Health Assurance Program	700,000	Maine Department of Agriculture	Augusta, ME
National Center for Agriculture Safety, IA	170,000	Northeast Iowa Community College	Calmar, IA
Nutrition Enhancement, WI	950,000	University of Wisconsin	Madison, WI
Ohio-Israel Agriculture Initiative	700,000	The Negev Foundation	Cleveland, OH
Pilot Technology Transfer, OK and MS	209,000	Mississippi State University	Starkville, MS
Pilot Technology Transfer, WI	174,000	Oklahoma State University	Stillwater, OK
Potato Integrated Pest Management, ME	450,000	University of Wisconsin	Madison, WI
Potato Pest Management, WI	277,000	University of Maine	Orono, ME
Range Improvement, NM	223,000	University of Wisconsin	Madison, WI
University of Wisconsin-Extension Northern Aquaculture Demonstration Facility	450,000	New Mexico State University	Las Cruces, NM
Urban Horticulture, WI	376,000	University of Wisconsin	Madison, WI
Urban Horticulture and Marketing, IL	175,000	Chicago Botanic Garden	Glencoe, IL
Veterinary Technology Satellite Program, KS	1,000,000	Colby Community College	Colby, KS
<hr/>			
Total, Extension Federal Administration Grants	\$11,831,000		
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TOTAL, FEDERAL ADMINISTRATION GRANTS	<u>\$45,700,000</u>		

REGIONAL RURAL DEVELOPMENT CENTERS

Mr. Kingston: Please provide a chart of funding provided to the rural development centers through NIFA's integrated program for fiscal years 2009 through 2011 and 2012 estimate. Include a summary of how the funding was used.

Response: The information is submitted for the record.

[The information follows:]

Regional Rural Development Centers					
FY	Northeast Region	Southern Region	North Central Region	Western Region	Total
2009	\$312,256	\$312,256	\$312,256	\$312,256	\$1,249,024
2010	\$312,256	\$312,256	\$312,256	\$312,256	\$1,249,024
2011	\$312,256	\$312,256	\$312,256	\$312,256	\$1,249,024
2012	\$312,256	\$312,256	\$312,256	\$312,256	\$1,249,024

The Centers collaborate on emerging and persistent issues that span the four regions and are national in scope. These activities are directed to help develop sound workable solutions to the challenges impacting people and places in rural America. For example: the four Centers are partnering with USDA-Rural Development and a core group of land-grant institutions to advance new strategies for regional innovation and economic development. The Stronger Economies Together (SET) program is now in place in 9 states and 23 newly identified regions ready to implement long-term plans and strategically build on the economic and social assets of these locations. The Centers received \$1.7 million from USDA Rural-Development for fiscal year 2011 to expand the SET program into 42 new regions over the next two years.

In another example, the Centers are paving the way toward the educational backbone needed for broadband technology to be adopted and used effectively across the nation. The Centers have coordinated the National e-Commerce Extension Initiative that has produced 15 comprehensive web-based educational programs that promote broadband and e-commerce adoption by local governments, small businesses, farmers, entrepreneurs, artisans, and others. Many of these educational materials are being employed by the land-grant Cooperative Extension Service in such states as Alabama, Illinois, Louisiana, Mississippi, New Hampshire, Oklahoma, and Wisconsin.

To address the nation's need to insure food security, The Southern Center, in partnership with its three sister Centers, is coordinating the Center for Targeted Studies, funded by the USDA Economic Research Service. This program supports social science informed food assistance and nutrition research, with special focus on vulnerable people and communities in rural America.

Regionally, each Center mobilizes its partners and resources to respond to issues of particular regional importance. The Western Rural Development Center (WRDC), for instance, is focusing on water, one of the most fundamental differences between the West and the rest of the country. In May 2010, the WRDC published *Water in the Western U.S.: Is there enough to meet the region's needs?* With 14 scientists and water experts contributing articles in lay language, this publication is informing open dialogue and helping interested parties move toward consensus on western water issues.

The Northeast Center studied farming systems among minority agricultural producers in its region. Knowledge about how Hmong, African American, women, and Hispanic farmers establish networks and approach market issues is helping them improve business decisions, identify new markets, and collaborate toward

a local-regional food system to supply the rapidly expanding urban eastern seaboard population.

In the South, the Rural Development Center is addressing deep poverty by partnering with the Kettering Foundation and the Farm Foundation on the Turning the Tide on Poverty program. This project is enabling civic engagement by local citizens often excluded from community leadership. Over 250 community members have participated in a deliberative dialogue process during the first half of 2010 and have gone on to develop and implement action plans to address persistent poverty in the places where they live. The SRDC has also launched new initiatives in the Mississippi Delta Region to address needs of low-wealth communities and families.

In the North Central Region, the Center Director, hired in 2010, visited all the region's land-grant institutions including its many 1994 institutions. He is working with his Board of Directors to identify the top issues the Center should address in the region and strategies to link the 1994 institutions with the larger land-grant institutions for mutual learning and resource sharing.

SMALL BUSINESS INNOVATION RESEARCH

Mr. Kingston: Please provide a chart of all projects funded through Small Business Innovation Research program for fiscal years 2009 through and 2011 and 2012 estimate.

Response: Below is a list of USDA Small Business Innovation Research (SBIR) Phase I and Phase II projects funded for fiscal years 2009 and 2010. For 2011, USDA SBIR anticipates funding 51 Phase I projects totaling \$5,037,254 and 35 Phase II projects totaling \$15,750,000. For 2012, the USDA SBIR anticipates funding 60 to 70 Phase I projects at a cost of \$100,000 per project and 30 to 35 Phase II projects at a cost of \$450,000 per project.

Information for Fiscal Years 2009 and 2010 is provided for the record.

[The information follows:]

2009

Phase I (70 Projects Funded for a Total of \$5,531,266)

<u>Company Name</u>	<u>Award Amount</u>	<u>Project Title</u>
Summerdale, Inc.	\$64,250	Organic Acid Formulations for Wood Protection: Inhibition of Mold Fungi
Assured Biotechnology Corporation	\$80,000	Real-time Prediction of Formaldehyde (H ₂ CO) Emissions during Wood-Based Panels Manufacturing
GeoVantage, Incorporated	\$80,000	Advanced Remote Sensing Methods for Cogongrass Mapping
BioPulping International, Inc.	\$80,000	A Novel Sulfite Pretreatment Process (SPORL) for Efficient Biochemical Conversion Woody Biomass to Bioethanol
Abraxis LLC	\$80,000	Development of a Fast Screen (On-site) Analytical Assay for Pyridine Herbicides in Animal Waste and Compost
Giner, Inc.	\$79,956	Electrochemical Ammonia Monitor for Agricultural Operations
TDA Research, Inc. Manure	\$80,000	Desulfurization of Biogas Derived from Animal
Photonic Biosystems, Inc. dba Pacific Technologies	\$79,823	Ammonia Sensor for CAFO Monitoring.
Biological and Environmental Systems and Technologies (BEST)	\$80,000	Ammonia Removal and Recovery System Integrated with Anaerobic Digestion for Mitigating Air and Water Quality Impacts of Animal Operations
Green Heron Tools, LLC	\$80,000	Need for and feasibility of designing, producing and marketing agricultural tools & equipment for women
Wind Innovations LLC	\$80,000	Cost-Effective Wind Turbine for Electricity Self Sufficiency on Small and Mid-Size Farms
Eldertide LLC	\$80,000	Developing Elderberries as a Specialty Crop for Herbal Supplements, Nutraceuticals and Functional Foods
This Old Farm	\$78,705	Value-Added Multi-Purpose Processing Establishment using Renewable Energy Sources as a Centerpiece to a Sustainable Educational Farm
OCR, Inc.	\$79,998	Agaricus mushroom production utilizing local substrate materials
Mountain Meadow Wool Company, Inc.	\$80,000	On-site Effluent Treatment of Wastewater from Wool Processing Facilities
Technical Designs Inc.	\$77,986	A Biodegradable Thin-Film Mulching System for Weed Suppression in Commercial Crop Production
Physical Sciences Inc.	\$79,998	Solar Optical Waveguide System for Value Added Transplant Production
Phenotype Screening Corporation	\$80,000	Next Generation Root-Pest Resistance Research and Screening Tool
SynTouch LLC	\$65,691	Robotic Fruit Harvester Sensors
GrassRoots Biotechnology, Inc.	\$80,000	Improving Root Architecture in Energy Crops
Eltron Research & Development Inc.	\$80,000	Catalytic Ethylene Removal

Cycloptics Technologies, LLC	\$80,000	Highly Efficient Luminaires for Supplemental Greenhouse Lighting
Datastar, Inc.	\$79,539	Remote Sensing for Early Detection and Mitigation Of Plant Stress and Disease in Florida Citrus
AgPollen LLC	\$78,600	Development of Nest Attractant for the Blue Orchard Bee
Summerdale, Inc.	\$63,788	Synergistic, Natural Compounds as Insecticides
Infinite Eversole-Specialty Crop Services	\$80,000	A Prototype Program for Attaining Specialty Crop Non-Regulated Status
InsectiGen, Inc.	\$80,000	Development of BtBocster Synergist for Beetle-Active Bt
AC Diagnostics, Inc.	\$79,930	A Sensitive Immunocapture Real-Time One-Step RT-PCR for Early Detection of Plant Pathogens in Crops
Alpha Scents, Inc.	\$80,000	Attract and Kill Technology to Control Citrus Leafminer in Citrus Nurseries and Orchards
Agion Technologies Incorporated	\$79,462	Synergistic Agents to Reduce Fungicide Resistance and Health Risks
Eckstein Diagnostics, Inc.	\$80,000	Lipid-based ELISA test for detection of dairy cattle with John's disease
Integrated Nano-Technologies	\$79,998	Rapid, In-Field Method for Genomic-Based Identification
Z4 Energy Systems, LLC	\$80,000	Solar Heater to Prevent Stock Tank Freezing
Strategic Solutions International, LLC	\$79,956	Improved Animal Traceability
Eco-Sol, LLC	\$80,000	Improved Feed Products From Pima Cottonseed: By-products of Biofuels Feedstock Production
Wilks Enterprise, Inc.	\$80,000	Portable Mid Infrared Analyzer for Onsite Measurement of Nitrate and Organic Matter in Soil
Technova Corporation	\$79,929	Development of an Inexpensive, Rapid and Highly Sensitive Perchlorate Nanobiosensor
Hydrolinear Irrigators Incorporated	\$75,810	Efficient Mobile Power Supply & Energy Reclamation for Linear-move and Center-pivot Irrigation Systems
Vortant Technologies, LLC	\$79,933	Self Contained Sensor and Telemetry for Remote Water Quality Monitoring
Applied Geosolutions, LLC	\$80,000	Developing operational capability of AWiFS for tillage monitoring
Blue Moon Bulbs, LLP DBA Westscape Nursery	\$79,938	Use of the halophyte <i>Sarcocornia utahensis</i> as a phytoremediation strategy for the amelioration of saline-sodic impacted soils
Separation Systems Technology, Inc.	\$80,000	Liquid concentration by direct osmosis
TessArae, LLC	\$79,679	Multiple Foodborne Pathogen Resequencing Microarray-based Diagnostic Assay
Edenspace Systems Corporation	\$80,000	Production of a Value-Added Crop for Greater Human Nutrition
Industry Vision Automation Corporation	\$79,984	Hyperspectral Fluorescence Imaging Detection System for Black Walnut Shell Fragments Recognition and Removal
Compact Membrane Systems, Inc.	\$80,000	Solvent recovery from vegetable oil miscella by Novelsolvent-resistant nanofiltration membranes

Twilight Training LLC dba Viasim	\$79,760	Research and Development of a Simulation-Based Strategic Planning Tool for Water and Wastewater Resource Management
Webfish Pacific	\$79,997	Childhood Oral Health Initiative for Rural Families
Clean Plus, Inc.	\$79,812	Corn Stover Sorbent Granules
Sonsight Inc.	\$80,000	Scalable Low-Windspeed Generator
Crile Carvey Consulting, Inc.	\$79,690	Rural wireless network tower site location and optimization using web-based constrained optimization techniques
Custom Data, Inc.	\$79,849	Delivering Medication Therapy Management Services through Telepharmacy to Serve Remote Rural Communities.
Sertech Heating and Air Conditioning, Inc	\$77,173	Solar Thermal Energy Storage Vessel
Sea & Reef Aquaculture, LLC	\$79,997	Development of culture methods for marine ornamental fish larvae
Virginia Cobia Farms, LLC	\$79,933	Cobia Production Using Novel Low Salinity RAS Technology
Multi-Duti Manufacturing Inc (MDM)	\$77,603	High-Efficiency Axial Flow Pump Development for Use in Recirculating Aquaculture Systems
Hybrid Catfish Company	\$80,000	Channel Catfish Pituitary for use as a Spawning Aid in Aquaculture
NanoDynamics Life Sciences, Inc.	\$79,969	Slow Release Non-Toxic Antifouling Additives for Coatings Used in Aquaculture
Baxter Land Company, Inc.	\$75,000	Commercial-Scale Implementation of Blue-Catfish Germplasm for Hybrid Production
Ecovative Design LLC	\$80,000	New indust. crop yielding a biomaterial that will reduce dependence on foreign oil and increase the econ. sustainability of farms in America
Applied Colloids	\$79,745	Renewable Biofuel Based on Jojoba Oil
Evolutionary Genomics, Inc.	\$79,998	Genes that impact sorghum grain, sugar, and biomass yield.
Mayaterials, Inc	\$80,000	Conversion of Agricultural Waste into High Quality Insulation for Energy Conservation
Allopartis Biotechnologies production	\$80,000	Improving enzymes for saccharification of sustainable cellulosic biomass for biofuel
Ecoversion LLC	\$80,000	Sorghum Protein Adhesives from Low Cost DDGS
Algaen Corporation	\$79,888	Developing Innovative Photobioreactor and Extraction Technology For Production of Biodiesel Feedstock Using Microalgae
Suganit Systems Inc	\$79,982	Development of co-immobilized enzyme pellets to replace GMOs for cellulosic ethanol
Compact Membrane Systems, Inc.	\$80,000	Venting of Underground Storage Tanks Containing Ethanol-Gasoline Blends
Cronus, LLC	\$79,917	Formulation of Biodegradable Nursery Pots from Poultry Feather Keratin
Seaberry Farm, LLC	\$80,000	Sustainable Production Practices in Woody Cut Flower Markets

Phase II (32 Projects Funded for a Total of \$10,911,913)

<u>Company Name</u>	<u>Award Amount</u>	<u>Project Title</u>
Forest Concepts, LLC	\$350,000	Beneficiation of Chipped and Shredded Woody Biomass
Rynel, Inc	\$350,000	Development and Commercialization of a Biodegradable Stabilized Growing Media
Applied Biomathematics	\$349,984	Forest pest risk analysis in dynamic landscapes
GreenWood Resources, Inc.	\$348,170	Developing a Molecular-Assisted Hybridization Strategy for the Improvement of the Quality of Poplar Biomass for The United States' Bio-Fuels
SSS Optical Technologies, LLC	\$349,793	Sensor of ammonia emission from animal manure
Rainbow Organic Farms Co.	\$302,470	A CSA Model to bring Locally Grown Foods to the Corporate Workplace, Inner City Households and Schools Utilizing a Supermarket Infrastructure
ISCA Technologies, Inc.	\$350,000	Novel environmentally friendly control of the citrus leafminer, the proliferator of citrus canker, with sex pheromone.
Bee Alert Technology, Inc	\$350,000	Sonographic Analysis for Rapid Detection of Varroa Mites and Other Pathologies without opening the Beehive
Trellis Growing Systems LLC	\$349,593	Modular Trellis System for Brambles
Advanced Biological Marketing	\$349,621	Improved Agricultural Sustainability through Microbially Enhanced Nitrogen Fertilizer Use Efficiency and Yield
Divergence, Inc.	\$350,000	Control of Root Knot Nematode by Transgenic RNA Interference
RT Solutions, LLC	\$350,000	Commercial Plant Production and Protection Products from Vermicomposted Dairy Manure
ISCA Technologies, Inc.	\$350,000	SPLAT PWM: Long Lasting Sprayable Pheromone Formulation to Eradicate Pectinophora Gossypiella
Long Branch Company, Inc.	\$132,448	Automated Vaccination of Broiler Chicken Flocks
Harrisvaccines, Inc.	\$346,765	Demonstrate the Safety and Efficacy of Vaccine Candidate
3C Cattle Feeders Inc.	\$349,422	Improving the efficiency of feed use in the cattle industry
Agri Processing Services LLC	\$348,834	Diversification From Land Disposal Of Nutrients Recovered From Non-MFP Processing Plant Wastewater To Value-Added Use in Multi-Spec. Feed Rations
JDC, Inc.	\$350,000	Improved Hard Process; Breakthrough Kiln Process for Manufacturing Phosphoric Acid
CommGraphics Interactive, Inc.	\$349,321	Children's Nutrition and Exercise, Healthy Lifestyles Video Game
MEI Research, Ltd	\$345,276	Free-living Energy Balance Assessment and Management in Close to Real Time
Guild Associates, Inc.	\$349,052	Phage mediated detection of Bacillus anthracis on deliberately contaminated fresh foods
Sensor Development Corp	\$349,915	A New Nano Based Real-Time Aflatoxin Detector Phase II
Bioo Scientific	\$349,695	Rapid enzyme based detection of toxins in food.
Sonsight Inc.	\$349,981	Low Windspeed Wind Turbine

Scientific Fishery Systems, Inc.	\$349,959	Phase II: Rural Coastal Alaska Fish Waste Conversion
Aquatic Innovations, LLC	\$342,620	Sustainable Production of Pinfish for the Gulf of Mexico Live Bait Market
Information & Simulation Systems	\$349,553	A Management Tool and Strategy for Agriculture Development in Offshore United States Coastal Waters
Exelus, Inc.	\$350,000	Exelus Biomass-to-Gasoline Process
Metabolix, Inc	\$349,450	Blow Molded Bioproducts From Renewable Plastics
SarTec Corporation	\$350,000	Ultrafast continuous biodiesel production from multiple feedstocks using fixed bed reactors and metal oxide catalysts (The Mcgyan? process)
Kuchnle AgroSystems, Inc.	\$349,981	Microalgae As Renewable Biofactories: The Production of Biofuels and High Value Bioproducts
Summit Seed, Inc.	\$350,000	Utilize corn derived products driven from ethanol production for horticultural weed control, a natural fertilizer with enhanced plant growth

2010

Phase I (92 Projects Funded for a Total of \$8,006,218)

<u>Company Name</u>	<u>Award Amount</u>	<u>Project Title</u>
HM3 Energy, Inc.	\$89,799	Forest waste contaminant removal for conversion into clean fuel for coal-fired power plants
GreenWood Resources, Inc.	\$83,441	Alder Genetic Improvement for the Pacific Northwest Forest Products Industry
Azavea Inc	\$90,000	OpenTreeMap: Tools for Collaborative Urban Forestry
TDA Research, Inc.	\$90,000	Low-cost Removal of Dissolved Solids and Fermentation Inhibitors for Cellulosic Ethanol
Edenspace Systems Corporation	\$90,000	Modifying Lignin Structure in Poplar for Enhanced Biomass Conversion
Sound Watershed Consulting	\$89,912	Explicit Riparian Design
Applied Biotechnology Institute	\$89,939	Synergy of Plant-Produced Enzymes to Convert Forest Products into Biofuels
ORGANIX, INC.	\$82,000	Anaerobically Digested Manure Fiber for Environmental Cleanup and Remediation
Biogas & Electric LLC	\$87,820	Novel approach to NOx reduction in biogas exhaust from anaerobic digestion facilities at dairy farms.
Environmental Energy & Engineering Co.	\$90,000	Ammonia Recovery and Biomethane Production from Concentrated Manure
Algaen Corporation	\$79,966	Bioremediation of Animal Wastewater Using Oil-Rich Microalgae
ECO COMPOSITES LLC	\$79,205	Manufacture of Compostable Plant Containers Utilizing Anaerobic Digester Fibers in Standard Molding Processes
Multiform Harvest Inc.	\$89,378	Upgrading Struvite Recovered from Dairy Waste into Marketable Fertilizer and Feed Products
Sea Star International, LLC	\$90,000	An Ozark Regional Pilot Program to Manufacture Economical, Value-Added Products Qualifying for USDA Certified Organic Status.

Pacific Biodiesel, Inc.	\$90,000	Aina Mo Soil Amendment Project
Ronald P. Weidenbach dba Hawaii Fish Company	\$90,000	Renewable Energy Aquaculture Aeration For Small and Mid-Sized Farms
ISCA Technologies, Inc.	\$90,000	A guava-volatile-based repellent formulation to manage the Asian citrus psyllid, the key vector of Citrus Greening
Quantalux, LLC	\$89,999	Thermal Storage for Small Farms
Alpha Scents, Inc.	\$89,687	Optimizing an inexpensive trap and lure for monitoring and management of green june beetle
Top 10 Produce LLC	\$90,000	GS-1 barcoding and traceability services for small family farms and organization of regional grower- owned cooperatives.
Pharaoh Industries	\$90,000	Developing Innovative Marketing Strategies and Distribution Networks for Hope Goods
Native Seedsters, Inc.	\$90,000	Feasibility Test of Seedster Technology to Improve Quantity and Quality of Carrot and Yarrow Seed
Sensor Electronic Technology	\$89,958	Semiconductor Ultraviolet Irradiation Devices for Greenhouse Crops
Orbital Technologies Corporation	\$90,000	LEDs for managing pest insects in greenhouses
Wildwood Gin, Inc	\$90,000	Evaluation of UltraClean Cotton for Nonwovens Application
Rivertop Renewables, Inc.	\$90,000	New Controlled Release Fertilizer Systems Derived from Biomass
Jersey Flora, Inc	\$90,000	Energy efficient systems for high frequency propagation of virus-free Lilium cvs
Capstan Ag Systems, Inc.	\$90,000	Development of an integrated actuator for real time control of spray nozzle flow rate and droplet size spectrum
ISCA Technologies, Inc.	\$90,000	Accurate Huanglongbing (HLB) Diagnosis
Western Laboratories Inc.	\$73,598	Enhanced-throughput Quantification of Rhizoctonia and Pythium DNA in soil samples
Agricultural Research Initiatives, Inc.	\$90,000	Development of a Mycoherbicide for Control of Dandelion
Insectigen, Inc.	\$90,000	Development of a BtBooster Synergist for Bt Transgenic Plants
ISCA Technologies, Inc.	\$90,000	SPLAT BASE: A Revolutionary Attract And Kill Technology To Effectively Manage Orchard Pests
Alpha Scents, Inc.	\$84,044	Simplified synthetic pathway of citrus leafminer pheromone
Bee Power, L.P.	\$90,000	Selection and Genomic Characterization of Honey Bees Resistant to Viral Pathogens
BioStrategies-LC	\$90,000	Plant Produced Porcine IL-12 Vaccine Adjuvant for Swine Flu and Other Viral Diseases
Rxoa Biosciences LLC	\$90,000	Rapid, Simple and Inexpensive Detection of Potyvirus in Seed Potatoes
Coherix, Inc.	\$89,970	Advanced Automated In-Line Inspection of Brown, Freckled and Mixed-Type Eggs to Detect Contamination and Defects
Sims Brothers, Inc.	\$90,000	Pelleted sericea lespedeza diet for control of Internal parasites and pathogens in goats and

		sheep
TessArae, LLC	\$89,652	Resequencing Microarray-based Diagnostic Assay for High Priority Swine Infectious Diseases
Brookings Biomedical	\$90,000	Multivalent Mucosal Vaccine to Include Swine Influenza
Megastarter, LLC	\$90,000	Improving the stability and concentration of <i>Megasphaera elsdenii</i> NCIMB 41125
Applied Science Products, Inc.	\$89,890	Sustainable Nitric Acid Production Using Non-thermal Plasma
Eltron Research & Development Inc.	\$90,000	Retrofit Emissions Control Technology for Agricultural Diesel Sources
The Nitrate Elimination Company, Inc	\$89,093	Enzyme-based Test Kits for Phosphate
Giner, Inc.	\$89,920	Advanced Field-Deployable Monitor of Multiple Pesticides in Water
D.R.T.S. ENTERPRISES LTD.	\$75,431	Injected Pressure Compensating Dripper
Wastewater Compliance Systems, Inc.	\$90,000	Rural Wastewater Treatment Lagoon Enhancement with Dome Shaped Submerged Bio-film Devices
Veris Technologies, Inc.	\$89,688	In-Field Soil Phosphorus Measurement System
Innovative Educational Resources, LLC	\$88,841	A Multifaceted Community Approach Preventing Child Obesity Through Standards-Based Classroom Instruction Using an Interactive Inform Tech
ChemFree DeFoam, LLC	\$80,000	Non-chemical In-situ Foam Control for Food Processing
Jersey Flora, Inc	\$90,000	Lily Bulbs A Functional Food for the Prevention of Type 2 Diabetes
FUTURESOFT INC., DBA POSITIVE RECORDS	\$88,529	Hip Hop Food Pyramid - Obesity Prevention, Nutrition Education and Physical Activity Promotion Using Soul Music
Orbital Technologies Corporation	\$90,000	Non-Thermal Sanitation by Atmospheric Pressure Plasma (SAPP)
PROVE IT, LLC	\$90,000	High Thermal Regeneration Magnetic Induction Food Processing
Humanitas, Inc.	\$90,000	Creating an Interactive Technology That Emulates the Motivational Interviewing Process to Train Nutrition Educators and Health Professionals
Rubicon Foods LLC	\$90,000	Development of Shelf-Stable Pures Protein for Dysphagia Patients
Antel BioSystems, Inc.	\$79,350	Diagnostic Assay for <i>Mycobacterium bovis</i> in Bulk Tank Milk
Bioo Scientific	\$80,000	Sequential injection enzymatic assay for melamine detection in food.
Applied Food Technologies, LLC	\$79,310	Traceability of Shrimp Utilizing Trace Elemental Analysis
Wind Lift Technologies	\$89,408	Innovative Small Vertical Axis Wind Turbine Uses Lift to Generate Power Providing A Lighter Weight, Less Costly, Rural Wind Power Solution
Lynntech, Inc.	\$89,999	Novel Aqueous system for Electrochemical Generation of Ammonia
Hudson Simulation Services, LLC	\$86,072	Research and Development to improve Rural Emergency Medical Services Training using Mobile

		Simulation
Twilight Training LLC dba ViaSim	\$89,751	Research and Development of a Simulation-Based Integrated Infrastructure Analysis Tool
Babbie Tree LLC	\$85,760	The Babbie Tree English Language Learning Tool-Kit: Early Vocabulary Intervention For Latino Non-English Speaking Students
Secure Banking Solutions, LLC	\$89,600	Integrated Information Security Management System for Rural Small & Medium Sized Entities (rSME-IISMS)
Crile Carvey Consulting, Inc.	\$89,985	Integrated analytical, visualization, and decision support software for placement of wind turbines by rural residents and small businesses
Airstreams Renewables, Inc.	\$89,483	Online, internet-based training for wind technicians work on wind farms
XW, LLC	\$90,000	Rural Broadband Access Enabled by Adaptive Filter Bank Modulation
Learnimation, LLC	\$89,999	Math & Science Education for Students with Learning Difficulties: Distance Learning Word Problem Intervention Materials
Harrisvaccines, Inc.	\$79,700	Replicon Particle Vaccine for White Spot Syndrome Virus in Marine Shrimp
Pemaquid Oyster Company, Inc.	\$89,952	NE shellfish farming candidate: Factors regulating survival & growth of Arcite surfclam & Mactromeris polynyma in experimental field studies
Virginia Cobia Farms	\$90,000	Development Of Novel Calcium Receptor Based Mineral Supplementation Technologies For Inland Shrimp Aquaculture
Infoscitex Corporation	\$89,620	Development of a High Sensitivity and Specificity Quantitative Aptamer Assay for Coldwater Disease Management Applications
ProFishent, Inc.	\$89,581	Micro-encapsulation and Nanotechnology Treatments to Prevent Proteolytic Diseases of Aquatic Animals
Taylor Shellfish Company, Inc. for	\$90,000	Increasing Efficiency of a Crossbreeding Program the Pacific Oyster
Aqua Green L.L.C.	\$89,180	Marine Aquaculture Water Reuse and Effluent Treatment Systems: An Integrated Sustainable Approach for Commercial Producers
Compact Membrane Systems, Inc.	\$90,000	Enhancing Biosynthesis of Biofuels from Cellulosic Biomass (Topic 8.8)
Quasar Energy Group, LLC	\$89,854	Development of an Integrated Anaerobic Digestion System for Methane Production from Lignocellulosic Biomass
Lymntech, Inc.	\$90,000	Improved Heterogeneous Catalyst for the Transesterification of Fats and Oils to Biodiesel
World Centric	\$88,628	New Biodegradable Packaging from a Synergistic Combination of Agricultural By-products
ARZEDA Corp.	\$90,000	Production of Methyl-Ethyl-Ketone (MEK) from Renewable Feedstock
United Environment & Energy LLC	\$90,000	A Novel Catalytic Reactor for Biodiesel Production
E2E MATERIALS, INC.	\$89,719	Affordable, Petroleum-Free Green Resins for Manufacture of Composite Building Materials
Renewable Spirits LLC	\$90,000	Coproduction of Peptic Fragments and Biofuels from Citrus Processing Waste

Lynntech, Inc.	\$90,000	Biomass-based Commodity Polymers from 5-Hydroxymethylfurfural
Arvens Technology, Inc.	\$90,000	Pennycress: "A wonder weed to wonder fuel: Developing Commercial Farming Practices for Pennycress"
Advanced MicroLabs, LLC	\$90,000	Cost-Effective Biomass Conversion via an Online Carbohydrate Monitoring Device
Irv & Shelly's Fresh Picks	\$81,067	Most efficient ways to aggregate, store, pack and ship local food from farms to regional centers: Illinois Pilot Project
The Tea Spot, Inc.	\$60,440	Moving Toward a Sustainable To-Go Container for Hot Beverages in MASS-Market Food Service
Ronald P. Weidenbach dba Hawaii Fish Company	\$90,000	Innovative Marketing of Hawaiian Pongee

Phase II (38 Projects Funded for a Total of \$14,814,519)

<u>Company Name</u>	<u>Award Amount</u>	<u>Project Title</u>
BioPulping International, Inc.	\$400,000	A Novel Sulfite Pretreatment Process (SPORL) for Efficient Biochemical Conversion of Woody Biomass to Bioethanol
Summerdale, Inc.	\$338,549	Organic Acid Formulations for Wood Protection: Inhibition of Mold and Decay Fungi
Giner, Inc.	\$399,498	Electrochemical Ammonia Monitor for Agricultural Operations
Hansen Energy and Environmental	\$400,000	Anaerobic Production of biohydrogen from food and Agricultural waste
Mainstream Engineering Corporation	\$399,733	A Biogas-Tolerant Engine-Generator for Advanced Agricultural Waste Management Systems
TDA Research, Inc.	\$400,000	Desulfurization of Biogas Derived from Animal Manure
This Old Farm, Inc	\$398,341	Value-Added Multi-Purpose Processing Establishment using Renewable Energy for Local Foods Distribution Network
Eldertide LLC	\$399,974	Developing elderberries as a specialty crop by supporting a growers' network and by conducting prototype development of nutraceuticals
Green Heron Tools, LLC	\$392,225	Research and Development of Alternatives to the Walk-behind Rotary Tiller Suitable for Women Farmers
OCR, Inc.	\$399,974	Agaricus mushroom production utilizing local substrate materials
GrassRoots Biotechnology, Inc.	\$400,000	Improving Root Architecture in Bioenergy Crops
Vista Photonics, Inc.	\$400,000	Optical Ethylene Analyzer for Food Crop Quality Assurance
Cycloptics Technologies, LLC	\$400,000	Next Generation Energy Efficient Supplemental Lighting for Plant Production
Eltron Research & Development Inc.	\$399,998	Regenerable Ethylene Removal
Energid Technologies Corporation	\$400,000	Robotic Mass Removal of Citrus Fruits
AC Diagnostics, Inc.	\$399,957	A Sensitive Single-tube Immuncapture Real-Time RT-PCR for Early Detection of Plant Pathogens in Crops

Divergence, Inc.	\$400,000	Novel Agrochemical Leads Derived from Molecular Fields
AgPollen LLC	\$372,240	Development of a Nest Attractant for the Blue Orchard Bee
Alpha Scents, Inc.	\$400,000	Attract and Kill Technology to Control Citrus Leafminer in Citrus Nurseries and Orchards
Gardens at Post Hill LLC	\$181,646	Cypripedium Meristem Mass Propagation
Eckstein Diagnostics, Inc.	\$400,000	Lipid-based ELISA test for detection of dairy cattle with Johne's disease
Biotronics, Inc.	\$400,000	Hybrid System for Ultrasound Signal, Spectral, and Image Analyses to Enhance Meat Quality Evaluation in Food Animals
Blue Moon Bulbs, LLP DBA Westscape Nursery	\$391,369	The Use of Ion-Accumulating Halophytes for the Phytoremediation of Saline and Selenium Impacted Soil and Water in Cold-Arid Climates
Z4 Energy Systems, LLC	\$400,000	Wind Powered Water Pumping Incorporating Compressed Air Energy Storage
Veris Technologies, Inc.	\$356,550	Automated, in-field measurement system for soil nitrate and other properties
Schillinger Genetic, Inc.	\$400,000	Ambient Processing and Nutritional Assessment of Reduced-Trypsin-Inhibitor & Low Oligosaccharide Soybean Products
Mainstay, Inc.	\$400,000	Technology-based Interventions to Improve the Nutrition and Health of Intellectually and Developmentally Disabled Persons
Clean Plus, Inc.	\$398,739	Corn Stover Sorbent Granules
Webfish Pacific	\$400,000	Early Childhood Oral Health Initiative for Rural Families
Baxter Land Company, Inc.	\$390,904	Commercial-Scale Implementation of Blue-Catfish Germplasm for Hybrid Production
Virginia Cobia Farms, LLC	\$400,000	Optimizing Inland Tank Based Recirculation Aquaculture Methods To Produce Cobia Under Reduced Water Salinity Conditions
Bagaduce River Oyster Company	\$400,000	Hard clam farming in eastern Maine: field experiments to evaluate biological & economic efficacy of field-based nursery and grow-out phases
Mayaterials, Inc	\$398,972	Conversion of Agricultural Waste into High Quality Insulation for Energy Conversion
Compact Membrane Systems, Inc.	\$400,000	Low Cost Fuel Grade Ethanol
Kuehnle AgroSystems, Inc.	\$400,000	Preservation of Bioprocess Algae for Certified Seedstock
Native Seedsters, Inc.	\$400,000	Seedster Technology for More Seed Recovery, Less Impurities and Faster Ground Speed Harvesting Camelina for Biodiesel Feedstock
United Environment & Energy LLC	\$400,000	One-step Biodiesel Production from Yellow Grease
Cronus, LLC	\$395,850	Formulation of Biodegradable Nursery Pots from Poultry Feather Keratin Cronus, LLC

HIGHER EDUCATION CHALLENGE GRANTS

Mr. Kingston: Please provide a chart showing the allocation of Higher Education Challenge Grants for fiscal years 2010 and 2011 and 2012 estimate.

Response: This is a competitive program and awards have not been determined in FY 2011 and FY 2012. The information is submitted for the record.

[The information follows:]

	Fiscal Year <u>2010</u>
Auburn University	\$307,000
University of Arizona	455,000
University of California	464,000
University of Florida	15,000
University of Georgia	140,000
University of Idaho	461,000
Purdue University	466,000
Iowa State University of Science and Technology	775,000
Michigan State University	288,000
The University of Montana	140,000
University of Nevada, Reno	100,000
State University of New York University of North Carolina at Greensboro	224,000
The Ohio State University	466,000
South Dakota State University	888,000
Virginia Polytechnic Institute and State University	139,000
	<u>68,000</u>
Subtotal	5,396,000
Federal Administration	226,000
Peer Panel Cost	<u>32,000</u>
Total	5,654,000

HISPANIC EDUCATION PARTNERSHIP GRANTS

Mr. Kingston: Please provide a chart showing the allocation of Hispanic Education Partnership Grants for fiscal years 2010 and 2011 and 2012 estimate.

Response: This is a competitive program and awards have not been determined in FY 2011 and 2012. The information is submitted for the record.

[The information follows:]

	Fiscal Year <u>2010</u>
California State University, Los Angeles	\$290,000
California State University, Fresno	535,000
California State University, Northridge	285,000
California State University, San Marcos	247,000
California State University, Stanislaus	247,000
Rancho Santiago Community College District	290,000
The Regents of the University Of California	290,000
West Hills Community College District	248,000
Colorado, Otero Junior College	290,000
Florida International University University of Florida	290,000 25,000
Northeastern Illinois University	538,000
Eastern New Mexico University . .	280,000
New Mexico Highlands University	290,000
New Mexico State University . . .	290,000
Regents of the University of New Mexico	290,000
University of Puerto Rico	290,000
Houston Community College System, Texas	689,000
Laredo Community College, Texas	291,000
St. Edward's University, Texas	315,000
Sul Ross State Univ., Texas . . .	290,000
Texas A&M University, Kingsville	580,000
Texas A&M University, Corpus Christi	537,000
The University of Texas at El Paso	290,000
The University of Texas at San Antonio	580,000
University of Houston- Downtown, Texas	<u>247,000</u>
Subtotal	8,834,000
Federal Administration	370,000
Peer Panel Costs	<u>33,000</u>
Total	9,237,000

NEW ERA RURAL TECHNOLOGY

Mr. Kingston: Please provide a chart showing the allocation of funding through the New Era Rural Technology program for fiscal years 2009 through 2011 and 2012 estimate.

Response: Allocations for this competitive program are not yet known for fiscal years 2011 and 2012. The information is submitted for the record.

[The information follows:]

ALLOCATION OF FUNDING		
New Era Rural Technology	FY 2009	FY 2010
Iowa-Eastern Iowa Community College.....	\$74,322	\$201,996
Iowa-Indian Hills Community College.....	98,839	
Iowa-Northeast Iowa Community College.....		123,377
Illinois-Rend Lake College.....		60,835
Maine-Kennebec Valley Community College.....	116,128	
Mississippi-Jones County Junior College.....		124,748
North Dakota-North Dakota State University.....	278,699	
Oregon-Linn-Benton Community College.....	115,638	
Oregon-Treasure Valley Community College.....	9,244	
Washington-Bellingham Tech College.....		299,397
TOTAL.....	\$692,870	\$810,353
Federal Administration.....	30,000	35,000
Small Business.....	18,000	21,000
CRIS/Peer Panel.....	9,130	8,647
Appropriation.....	\$750,000	\$875,000

COLLABORATIVE PROJECTS

Mr. Kingston: Please summarize NIFA's collaborative research projects with the National Science Foundation and other federal research agencies for fiscal years 2009 through 2011. Also describe NIFA's plans for fiscal year 2012. Include the name of the projects, funding levels and purpose.

Response: In fiscal year 2009, NIFA participated in seven inter-agency programs, which are described below. Partner agencies contributed language to the request for applications and participated in a joint peer review of the applications. After peer review was completed, agencies funded only projects that addressed their mission, and no funds were exchanged between agencies. Dollars reported below indicate NIFA's investment in the joint activity. NIFA allocated \$500,000 to the Interagency Opportunities in Metabolic Engineering program to further the development and utilization of metabolic engineering, which is the targeted and purposeful alteration of metabolic pathways found in an organism to better understand and utilize cellular pathways for chemical transformation and other purposes. Partners included the Environmental Protection Agency, the National Institutes of Health, the Department of Defense, the Department of Energy, the National Institute of Standards and Technology, the National Science Foundation, and the National Aeronautics and Space Administration. NIFA allocated \$2 million to the Plant Feedstock Genomics for Bioenergy program to conduct research in biomass genomics to facilitate and accelerate the use of woody plant tissue for bioenergy and biofuels. The Department of Energy was the only partner. NIFA allocated \$5 million to the Microbial Genome Sequencing program to support high throughput sequencing of the genomes of a wide range of microorganisms important to the productivity and sustainability of agriculture and forestry or to the safety and quality of the nation's food supply. The National Science Foundation was the only partner. NIFA allocated \$1 million to the Disaster Resilience for Rural Communities program to support research that addressed the vulnerabilities and resilience of rural communities to natural hazards or risks from accidents at facilities such as chemical plants. The National Science Foundation was the only partner. NIFA allocated \$3.5 million to the Enhancing Ecosystem Services from Agricultural Lands program to support research on the ecosystem services in agricultural settings, including agroecosystems and ecosystems that are impacted by agriculture. The Environmental Protection Agency was the partner. NIFA allocated \$1.3 million to the Conservation Effects Assessment Program to evaluate the effects of conservation practices on water quality. The USDA National Resources Conservation Service was the partner. Using funds appropriated under the 2008 Farm Bill, NIFA allocated \$20 million to the Biomass Research and Development Initiative to conduct research on the development and demonstration of biofuels and biobased products, including a diversity of economically and environmentally sustainable domestic sources of renewable biomass for conversion to fuels, energy, and products. The Department of Energy was the partner.

In fiscal year 2010, NIFA participated in six inter-agency programs, which are described below. Partner agencies contributed language to the request for applications and participated in a joint peer review of the applications. After peer review was completed, agencies funded only projects that addressed their mission, and no funds were exchanged between agencies. Dollars reported below indicate NIFA's investment in the joint activity. NIFA allocated \$500,000 to the Interagency Opportunities in Metabolic Engineering program to further the development and utilization of metabolic engineering, which is the targeted and purposeful alteration of metabolic pathways found in an organism to better understand and utilize cellular pathways for chemical transformation and other purposes. Partners included the Environmental Protection Agency, the National Institutes of Health, the Department of Defense, the Department of Energy, the National Institute of Standards and Technology, the National Science Foundation, and the National Aeronautics and Space Administration. NIFA allocated \$3.5 million to the Global Change program to support carbon cycle science, land use and land cover change, and the interactive effects of climate change, land use change, and invasive species. Partners were the National Aeronautics and Space Administration and the United States Forest Service. NIFA allocated \$2 million to the Plant Feedstock Genomics for Bioenergy program to conduct research in biomass genomics to facilitate and accelerate the use of woody plant tissue for bioenergy and biofuels. The Department of Energy was the partner. NIFA allocated \$2.2 million to the Increasing Scientific Data on the Fate, Transport and Behavior of Engineered

Nanomaterials in Selected Environmental and Biological Matrices program to support fundamental and applied research related to engineered nanomaterials. The Environmental Protection Agency and the National Science Foundation were partners. NIFA allocated \$1 million to the Disaster Resilience for Rural Communities program to support research that addressed the vulnerabilities and resilience of rural communities to natural hazards or risks from accidents at facilities such as chemical plants. The National Science Foundation was the partner. NIFA allocated \$10 million to the Decadal and Regional Climate Prediction Using EarthSystem Models program to support research contributing to the advancement of reliable regional and decadal climate predictions. The National Science Foundation was the partner. NIFA received \$28 million in appropriations for the Biomass Research and Development Initiative to conduct research on the development and demonstration of biofuels and biobased products, including a diversity of economically and environmentally sustainable domestic sources of renewable biomass for conversion to fuels, energy, and products. The Department of Energy was the partner.

In fiscal year 2011, NIFA is participating in five inter-agency programs, which are described below. Partner agencies contributed language to the request for applications and participated in a joint peer review of the applications. After peer review is completed, agencies will fund only projects that address their mission, and no funds will be exchanged between agencies. Dollars reported below indicate NIFA's investment in the joint activity. NIFA allocated \$1 million to the Disaster Resilience for Rural Communities program to support research that addressed the vulnerabilities and resilience of rural communities to natural hazards or risks from accidents at facilities such as chemical plants. The National Science Foundation is the partner. NIFA allocated \$2 million to the Plant Feedstock Genomics for Bioenergy program to conduct research in biomass genomics to facilitate and accelerate the use of woody plant tissue for bioenergy and biofuels. The Department of Energy is the partner. NIFA allocated \$5 million to the Decadal and Regional Climate Prediction Using EarthSystem Models program to support research contributing to the advancement of reliable regional and decadal climate predictions. The National Science Foundation is the partner. NIFA allocated \$5 million to the Dual Purpose with Dual Benefit, Research in Biomedicine and Agriculture Using Agriculturally Important Domestic Species program to support research relevant to the improvement of human health, increases in food animal production, and improvement in animal health and product quality. The National Institutes of Health is the partner. Under the Farm Bill program, NIFA received \$30 million in appropriations for the Biomass Research and Development Initiative to conduct research on the development and demonstration of biofuels and biobased products, including a diversity of economically and environmentally sustainable domestic sources of renewable biomass for conversion to fuels, energy, and products. The Department of Energy is the partner.

In fiscal year 2012, NIFA expects to participate in five ongoing inter-agency programs. NIFA expects to contribute \$1 million to the Disaster Resilience for Rural Communities program to support research that addressed the vulnerabilities and resilience of rural communities to natural hazards or risks from accidents at facilities such as chemical plants. NIFA expects to contribute \$2 million to the Plant Feedstock Genomics for Bioenergy program to conduct research in biomass genomics to facilitate and accelerate the use of woody plant tissue for bioenergy and biofuels. NIFA expects to contribute \$5 million to the Decadal and Regional Climate Prediction Using EarthSystem Models program to support research contributing to the advancement of reliable regional and decadal climate predictions. NIFA expects to contribute \$5 million to the Dual Purpose with Dual Benefit, Research in Biomedicine and Agriculture Using Agriculturally Important Domestic Species program to support research relevant to the improvement of human health, increases in food animal production, and improvement in animal health and product quality. NIFA will provide \$40 million to the Biomass Research and Development Initiative to conduct research on the development and demonstration of biofuels and biobased products, including a diversity of economically and environmentally

sustainable domestic sources of renewable biomass for conversion to fuels, energy, and products.

In addition, NIFA is currently developing four new inter-agency programs that may be initiated in fiscal year 2012. These include a program supporting research to better understand how an organism expresses its genome under different environmental conditions; a program supporting research to understand the ecology of infectious diseases; a program supporting research to increase the capacity of the United States in robotics technology and application; and a program supporting research in water sustainability and climate.

PEER PANELS

Mr. Kingston: Please provide a list of total honoraria and travel paid by NIFA for peer panels for fiscal years 2009 through 2011. What is the budget for peer panels in fiscal year 2012?

Response: In fiscal year (FY) 2009, honoraria costs were \$537,116 and travel costs were \$1,553,045. In FY 2010, honoraria costs were \$376,925 and travel costs were \$1,614,656. FY 2011 peer panel honoraria costs and travel costs are not yet final. In FY 2012, estimated costs for peer panel honoraria and travel costs are dependent upon funding levels for NIFA's programs.

FEDERALLY RECOGNIZED TRIBES EXTENSION PROGRAM

Mr. Kingston: Please provide a summary of the Federally Recognized Tribes Extension Program, including potential recipients, number of applicants and a description of the projects that have received funding, for fiscal years 2009 through 2011 and 2012 estimate.

Response: In FY 2009, a competitive peer panel considered 29 applications under the Federally Recognized Tribes Extension Program--FRTEP. NIFA funded 24 new projects and 4 continuation projects (funding initiated in 2007) for a total of 28 funded projects. Each project was made for a four-year period and covered extension programs, involving community education, support, and outreach. Extension programs vary based on the Tribal Community's demand. The program is open to 1862 and 1890 Land-Grant Institutions and the University of the District of Columbia. A full detail of each FY 2009 funded program follows.

In FY 2010, all 28 existing FRTEP programs were funded under continuation grants.

FY 2011 will start a new competitive cycle. NIFA expects that the unfunded programs from 2009 and the programs that ended their funding cycle in 2007 will apply. The request for applications has not closed; therefore NIFA does not yet have a complete list of applicants.

In FY 2012, NIFA expects to fulfill its obligations to the FRTEP programs funded under the 2009 continuation, ending in 2013. NIFA plans to fund the newer projects under a similar continuation commitment. All planned funding is contingent upon receipt of appropriated funding.

FRTEP 2009 Funded Projects

NC - Cherokee

North Carolina State University will continue Extension programs on the Cherokee Reservation in western North Carolina in the areas of agriculture, horticulture and environmental awareness. By promoting farming, gardening, nutritious eating and healthful cooking, this project also will address the

diet and health issues of the community. The applicant presents a comprehensive program that includes partnerships and collaborations with a number of organizations serving the Eastern Band of Cherokee Indians. This project's plans are closely linked with the North Carolina State University's Plan of work, focusing on natural resource conservation, enhancing local food systems and meeting the needs of urban and consumer agriculture (horticulture and home gardening).

WA - Colville

Washington State University will continue to support Extension activities for the 12 Affiliated Tribes of the Colville Reservation. Its purpose is to improve agriculture and natural resources management, improve health and wellness and promote positive youth development. Planned Extension educational activities were developed through a comprehensive stakeholder input process involving the Tribal Extension Advisory Committee, Tribal Council, Tribal Cattleman, Tribal department heads, tribal employees and residents. Implementation plans recently were enhanced through the development of a team approach among project staff, the tribe, USDA agencies, tribal departments and BIA that will result in a full-service Extension office. Program objectives are clearly outlined, as are detailed strategies and methods and realistic timelines for implementation.

ID - Coeur d'Alene

The University of Idaho will support the Coeur d'Alene Tribe and non-Indian residents of the Coeur d'Alene Reservation with an extension program that will continue to provide youth life skills training and opportunities through the exploration of science and technology, natural resources and cultural arts. The program also will offer youth and adults training in financial management, gardening and environmental stewardship; inform tribal landowners about land tenure issues; and support community development.

SD - Pine Ridge

South Dakota State University will continue its Extension program to help agricultural producers in the Pine Ridge Reservation use natural resources profitably with low-impact farming. There will also be a youth outreach component through 4-H with opportunities for nature exploration, agricultural projects and a drug and alcohol awareness program. Community adults will have access to leadership training and entrepreneurial development. The project director demonstrates a good knowledge of stakeholders, clear project objectives and a good understanding of how to meet project objectives. This meets the USDA goals of sustainable agriculture, community health and support of rural communities.

SD - Rosebud

South Dakota State University plans to use this new grant to continue to provide agriculture producers of the Rosebud Reservation with education on sustainable agriculture practices, integrated pest management and farm management, thereby supporting the USDA goal for promoting sustainable and profitable farms. The project will provide Rosebud youth with opportunities for an enhanced quality of life by helping them reconnect to their land, culture and community. There also will be a youth gardening program. These outreach efforts will promote healthy and positive lifestyle choices and promote vibrant rural communities.

The strength of the partnerships and collaborations, including those with Sinte Gleska University, a 1994 Institution, provide continued opportunities for stakeholder input and enhanced opportunities for successful results.

AK - Tanana Chiefs Conference

The University of Alaska-Fairbanks will continue to provide extension education to Alaska Natives living in the remote Tanana Chiefs Conference region. The focus is on youth leadership, food security, natural resources management and protection, energy efficiency and capacity building for the tribe in these areas. Program development is in direct response to stakeholder input received from the tribes and villages. Delivery mechanisms use a variety of methods taking into account the great distances encountered to reach the villages; e.g., on-line and videoconferencing, phone, fax, mail and site visits. The Extension agent has a successful relationship in working with the various communities and takes into account local customs in developing effective educational programs.

AZ - Hualapai/Havasupai

The University of Arizona intends to serve the Hualapai and Havasupai tribal communities through an extension program focusing on range monitoring activities and animal rearing, including training on the implementation of the National Animal Identification and Country of Origin programs. Tribal 4-H youth programs will focus on animal nutrition and care, with an opportunity to show livestock at fair and learn about record keeping, grooming and marketing. There will also be gardening programs to benefit the community including orchard maintenance, gardening and livestock management.

MT - Fort Peck

Montana State University will continue to serve the Assiniboine and Fort Peck Sioux tribes through extension programs focused on leadership development, volunteer development, agriculture and value added awareness, and traditional cultural awareness and preservation. Among the outlined targeted activities are efforts to develop an Assiniboine and Sioux Village - with land allocated by the tribes - that depicts traditional and modern day agricultural production. Also, the Extension agent will continue to develop several newly created 4-H clubs on the Reservation.

FL - Seminole

The University of Florida will continue to serve the Seminole tribal community with an Extension program that addresses economic conditions and the needs of tribal youth. One important goal is to support 800 at-risk youth in making positive changes in their lives through reduction of absenteeism from school and improved community relations with law enforcement. The program also will support Seminole cattlemen, ranchers and citrus growers in their efforts to improve the profitability of their operations. Additional efforts will help tribal members assess whether/how to expand development of alternative energy and bio-fuels. The tribe continues to support this project with staff members, allowing Extension education programs to reach a broader segment of its population.

AZ - Hopi

The University of Arizona will continue to serve the Hopi tribe through education, training and outreach in the areas of agriculture, youth development, community development and natural resources stewardship. The application clearly outlines the support and leveraged resources of tribal and community partners afforded this project; the commitment of the tribe to this effort is evident. The Extension agent demonstrates a deep understanding of the needs of the community and has been effective in bringing Extension programs to the Reservation.

OK - Muscogee (Creek)

Oklahoma State University will continue to provide the Muscogee (Creek) Nation with an extension program that focuses on youth development, providing school enrichment educational opportunities in public speaking, science, math

environmental stewardship and many other topics. Animal science will also be available through 4-H, and youth will learn how to grade cattle, judge livestock and diagnose animal illness. They will also have a chance to compete at county fairs. A shoot sports program, emphasizing safety, will also be available to youth.

This project will reach residents of the Nation that includes 8 counties and portions of 3 other counties in Oklahoma. Collaboration with OSU county extension offices throughout the region helps to expand programming for tribal youth. In addition, significant financial support is provided by Creek tribal leadership.

OR - Warm Springs

Through this grant, Oregon State University will continue to serve the Confederated Tribes of the Warm Springs Reservation through Extension programs in agriculture and youth development. The FRTEP Extension agent will work in a team with other OSU Extension faculty to present comprehensive programming to support rangeland management, cattle and equine management, risk management, community and economic development, family and youth development. The application clearly lays out implementation plans, timelines, and evaluation strategies. Partnerships are extensive. The tribe continues to provide land for the 4-H cattle club and contributes labor and equipment for demonstration field projects.

ID - Fort Hall

The University of Idaho will continue to support the Shoshone-Bannock tribal community through 4-H Extension education programs and with programs aimed at assisting agricultural producers. In particular, programs to improve range management and promote safe pesticide use will address sustainable agriculture practices. Native American farmers also will be trained in using new technology to enhance their productivity and help them thrive in a new, modern production environment. The Extension agent has a comprehensive understanding of the community and has experience in delivering programs that are appropriate for the audience.

MT - Northern Cheyenne

Montana State University will continue to provide Extension education programs to the residents of the Northern Cheyenne Reservation. Programs are designed to provide agriculture and livestock producers with information to improve beef management practices, improve natural resources and address the needs for a healthy food supply. The program also provides 4-H youth development education for tribal youth. Building on past successes, work will continue to expand the acreage recaptured from weed infestation and placed into productive growth. Another area of focus is education for producers on the subjects of risk management, rangeland and crop insurance, and financial planning and analysis. Efforts in the youth development area are aimed at increasing the enrollment in the 4-H clubs.

AZ - Colorado River Indian Tribes

The University of Arizona will continue to provide Extension education programs to the Indian tribes residing on the Colorado River Indian Reservation in western Arizona and eastern California. The focus of the programs includes economic opportunities for agricultural producers, water conservation, nutrition and health, and 4-H technology programs. The FRTEP agent is co-located with county extension staff, providing additional resources for educational opportunities for tribal members.

NV - Nevada Indian Tribes

The University of Nevada Cooperative Extension Service will continue to serve the Washoe, Shoshone and Paiute tribal communities with an extension program focused on agricultural education, youth leadership and alternative energy. Needs areas to be addressed within these subjects were decided by stakeholders through focus group sessions. The project is intended to enhance tribal economies and promote the tribal food supply. The project demonstrates strong collaborative efforts and a commitment to ensuring that tribal priorities guide the program. The implementation plans are well designed and the evaluation plan is well constructed.

AZ - San Carlos Apache

The University of Arizona will continue the Extension education program on the San Carlos Apache Reservation to provide farmers and ranchers with opportunities for improved economic conditions through education on new production techniques, animal disease prevention, and computerize financial record keeping. Healthy lifestyle programs with nutrition training for youth and adults, with a special emphasis on diabetes prevention, also will be a part of this program.

MS - Choctaw

Mississippi State University will continue to serve the Choctaw Indian community located on eight checkerboard communities through education and outreach designed to promote healthy diets, financial stability and stronger families. The agriculture community will have access to training in production and marketing, with a particular aim at developing/increasing niche markets. This project will build on existing links with other groups serving the Choctaw community such as the Boys and Girls Clubs, Tribal Forestry, Tribal Wildlife Law Enforcement, WIC and the Choctaw Vocational Rehabilitation Program.

WY - Wind River

The University of Wyoming will continue to provide extension education programs to the Shoshone and Arapahoe Tribes of the Wind River Reservation. The project will focus on issues of concern to agriculture and livestock producers, specifically assisting them to use more efficiently the region's natural resources, while protecting the land base. The project also will work to improve tribal youth skills through 4-H youth development programs. Educational programs have been, and will continue to be, developed on range monitoring, noxious weed control, IPM, improved irrigation systems, and efficient use of grazing allotments. The project will network with other federal agencies in providing needed resources.

AZ - Shiprock

The University of Arizona will continue to provide 20 communities in the northeastern part of the Navajo Nation known as the Shiprock Agency with technical services and outreach in natural resources, youth development and range and cattle management. The project will also help the Shiprock community develop an innovative farmers market where the grower participants will be able to market their food through a farm-to-school program.

MT - Flathead

Montana State University will continue to conduct Extension education programs on the Flathead Reservation serving the Confederated Salish and Kootenai tribes. This project will promote sustainable agriculture by providing both youth and adults with agronomic-related education and outreach. There are 155 farms operated by Native Americans in the community whose owners will benefit from training in low-impact farming. Food security also is an issue in this community and the project will address this through educational programs designed to protect the local food system. 4-H youth development programs

will have a strong health and nutrition component. Coordination occurs with the Extension programs at Salish Kootenai College, the 1994 land-grant institution on this Reservation.

MT - Fort Belknap

Montana State University will continue to serve the Fort Belknap tribal community with research-based education and outreach efforts. The farming community will receive training and technical assistance in support of sustainable farm management for livestock and crop productions. Youth outreach will be focused on livestock production and marketing, and a program to provide at-risk youth with enhanced decision making skills. Family life camps will be held to instill cohesiveness between parents and their children. The project builds on existing programs to achieve its goals, making improvements based on ongoing evaluations. The project will continue to build on a network of tribal, state and federal programs and will incorporate the results of the tribe's strategic planning process in identifying priority areas needing attention.

MT - Blackfeet

Montana State University continues to provide Extension education programs to the tribal members of the Blackfeet Reservation. Programs will focus on improving range management practices, noxious weed control, animal identification systems, herd health and financial and production record keeping. The project also includes a robust 4-H youth development component, exposing tribal youth to livestock production and management experiences and natural resources protection practices.

FRTEP Continuation Awards

University of Idaho, Nez Perce Tribe Extension Program

This project will support an Extension educator and a program assistant to serve the Nez Perce tribe located on a reservation in the panhandle of Idaho, a currently underserved community. The focus of this project is youth development, natural resource stewardship and community development.

University of Arizona, Arizona Indian Country Extension Programs: The Navajo Nation - Tuba City

This project will support an Extension agent and part time administrative assistant to serve the residents of the Western Agency of the Navajo Nation and has the support of tribal entities, including the Southwest Indian Agriculture Association. A comprehensive program is outlined that will include Extension education in a variety of areas of importance to this community, including youth development, programs for ranchers to increase profitability, small business entrepreneurship training and nutrition education.

University of Minnesota, Leech Lake and Fond du Lac Reservations

This project will fund an Extension agent specializing in natural resources and the environment in water quality at the Leech Lake Reservation.

Michigan State University

This project will support Extension education programs that serve Federally-Recognized tribes in northern Michigan. The focus is on agriculture and renewable resources, including renewable energy and sustainable forest resources management. Partnerships with the tribes and with Bay Mills Community College are highlighted.

INDIRECT COST CAP

Mr. Kingston: Please provide additional explanation and justification for the proposal to increase the indirect cost cap. Does USDA plan to submit to Congress legislation to change the current cap?

Response: The current rate for indirect costs is 22 percent for NIFA competitive grants programs, while the negotiated federal rate of most land-grant and research institutions typically is in the high 40 percent range, with some institutions in the 50-60 percent range. Even the full negotiated rate is currently being challenged both by recipients and some Federal research funding agencies because it does not reflect new costs encountered by institutions to comply with Federal regulatory requirements. For example, compliance with substantially expanded environmental requirements has also raised the cost of conducting research, particularly in the biological sciences, but are not reflected even in the full negotiated rate.

An increase in the indirect cost cap to 30 percent on USDA competitively awarded grants would be the first step in addressing issues relating to the feasibility, effectiveness, and fairness of expanding agricultural science through collaboration with Federal science programs which use the Federal negotiated rate. In recent years, joint programs with other agencies have leveraged about \$25 million in USDA funds to almost \$150 million in research awards. Critical differences in administrative guidance, such as imposed by the cap, limit true collaboration across funded entities when multiple agencies support interrelated efforts. The policy of capping costs is also counter to the OMB/OSTP guidance to science agencies to assure a robust and capable infrastructure of U.S. research institutions to address critical national issues.

In addition, if indirect cost limitations restrict participation, then it is possible that some of the most innovative proposals that could lead to breakthroughs to solve research goals offered by NIFA are not being submitted to this agency.

USDA does not at this time plan to submit to Congress legislation to change the current cap. However, a general provision is proposed that would modify existing law to allow for a 30 percent indirect cost recovery.

SUSTAINABLE AGRICULTURE FEDERAL-STATE MATCHING GRANT PROGRAM

Mr. Kingston: Please provide additional explanation and justification for the fiscal year 2012 proposal to create the new \$10 million Sustainable Agriculture Federal-State Matching Grant Program.

Response: For the first time in recent history the 2007 Census of Agriculture (Census) documented growth in the number of farms in this country. A large part of this growth was in small farms with less than \$50,000 annual sales. The number of farms selling between \$5,000 and \$50,000 per year grew by more than 10,000 farms. The Census counted over 500,000 farms, or 1/4 of the American farms, with annual sales between \$10,000 and \$100,000. There were over 700,000 farms, or 1/3 of all American farms with sales between \$10,000 and \$250,000. These producers are a very important part of the fabric of American agriculture. Along with the small, diversified, direct market and organic farms, they comprise the primary audience for the Sustainable Agriculture Research and Education (SARE) programs.

The SARE program is a diversified program that serves all types of agriculture from conventional to organic, large to small, with projects in fruits and vegetables, row crop and livestock system and all points on the value chain from production through marketing. Additionally, the SARE program has great practical relevancy because the four regional administrative councils bring producers, scientists, educators, agribusiness, state and local agencies and

non-governmental organizations together to shape the types of proposals that are requested and competitively selected for funding.

The new Federal-State Matching Grant Program will allow a new level of inquiry and education. It would be available for teaching programs and to help study the functioning of agricultural systems in a more comprehensive manner rather than simply studying the individual component parts of those systems. The matching requirement will leverage State and/or private funds, and build the long-term capacity to guide the evolution of American agriculture to a more highly productive, sustainable system. Funding will support activities that: (1) Integrate sustainable agriculture in all State research, extension, and education projects; (2) Support new research at sustainable agriculture centers at the Nation's land grant and other colleges and universities; (3) Build stronger Statewide farmer-to-farmer networks and outreach and technical assistance strategies; and (4) Incorporate sustainable agriculture studies and curriculum in undergraduate and graduate degree programs.

GLOBAL CHANGE AND UV MONITORING PROGRAM

Mr. Kingston: Please provide a chart showing funding for the Global Change and UV Monitoring Program for fiscal years 2009 through 2011 and 2012 estimate.

Response: The information is submitted for the record.

[The information follows:]

Fiscal Year 2009	\$1,408,000
Fiscal Year 2010	\$1,408,000
Fiscal Year 2011 <u>a/</u>	0
Fiscal Year 2012 Est.	\$1,408,000

a/ Based on latest enacted FY 2011 Continuing Resolution.

Questions Submitted by Mr. Farr

Agricultural Research Service

ORGANIC AGRICULTURE

Mr. Farr: Organic agriculture is one of the fastest growing segments of agriculture, creating jobs and rural America and new and lucrative market opportunities for family farmers. Underpinning the growth in any industry -- including agriculture -- is a strong investment in research and development. I am pleased to see the agency's commitment to research and innovation but I am concerned that the investment in organic agricultural research lags far behind its potential to revitalize rural communities and address many societal challenges that we face tied to agriculture. The agency's investment thus far in organic research has been very small, and does not meet the "fair share" benchmark that would close the gap between the resources committed to organic and its growing presence in the retail marketplace. We must close this gap.

The USDA's recent deregulations of genetically engineered crops create new challenges and barriers in the organic industry. To counter these pressures and market disruptions, the agency should at least invest in research to support the continued development of organic systems. Can you please discuss how you will grow the organic research portfolio and information resources available to organic farmers and ranchers?

Response: ARS is a significant contributor to organic agriculture research. Fiscal year 2010 expenditures for research that directly address organic needs was \$17.2 million and the portion of that which was used for research conducted under organic production conditions was \$9.4 million. In addition, ARS provided \$41.0 million for research that does not have specific organic agriculture research objectives but which indirectly benefits the organic industry. Direct organic research was conducted at more than twenty locations across the U.S. ARS organic research emphasizes whole-system preventative solutions, rather than one-for-one substitution of conventional production materials and practices with organic ones. Results from ARS organic research also benefit conventional agriculture by reducing the need for synthetic agricultural chemicals. ARS provides significant information resources through the National Agricultural Library (NAL). The largest of those resources is the Alternative Farming Systems Information Center (AFSIC) that specializes in locating, accessing, organizing, and distributing information related to organic farming, sustainable agriculture, alternative cropping and livestock systems, as well as low-input, biodynamic and regenerative agriculture. ARS will continue to address organic research needs within available funding.

NIFA provided \$45,517,000 in fiscal year 2010 for organic agriculture. This funding includes direct support for organic agriculture under the Organic Agriculture Research and Extension Initiative and the Organic Research Transitions Research programs. These funding levels also include indirect support from NIFA's Sustainable Agriculture research and extension programs and from the Agriculture and Food Research Initiative. The 2012 budget includes an increase of \$10 million for the new Sustainable Agriculture Federal-State Match Grant program which is expected to contribute indirectly to organic agriculture. Activities include the development and implementation of research, extension, and higher education programs to improve the competitiveness of organic livestock and crop producers, as well as those who are adopting organic practices. Other activities will enhance that ability of producers and processors who have already adopted organic standards to grow and market high quality organic agricultural products. Examples of the types of recipients of funding for organic agriculture include land-grant institutions and public and private universities and colleges.

U.S. NATIONAL ARBORETUM

Mr. Farr: "Under the purview of the USDA's Agriculture Research Service is one of our nation's treasures - the 446 acre US National Arboretum. However, this incredible green space with its world class collections and gardens in the midst of our nation's capital has suffered from neglect and understanding from many years. Do you have a plan to put this unique and valuable institution on more sustainable financial basis over the long-term?"

Response: ARS is proud to be the home of the U.S National Arboretum (USNA). The Arboretum has contributed significantly to the research mission

of ARS through its collections, gardens, and through horticultural breeding programs. The USNA is an open green space that entertains, educates and delights its visitors whether they are students from our neighborhood working in the gardens or international visitors interested in the science of horticulture. The USNA serves both a scientific research function and a public gardens function. ARS has committed to using funds such as those available under the American Recovery and Reinvestment Act of 2009 to enhance the facilities of the Arboretum. Within the current ongoing budget of \$11,535,000, which has remained relatively flat over the years, ARS has begun considering new ways to fund the public gardens function of the Arboretum. ARS hired a new Director of the USNA who was tasked with investigating various forms of public-private partnerships, particularly those in support of the gardens, that would allow private investments to enhance the facilities and broaden the use of the garden. The Director will also investigate models of operations used by institutions such as the Smithsonian to determine if such a model might provide a sustainable financial basis for maintaining this valuable National resource.

Questions Submitted by Mr. Latham

Agricultural Research Service

TOP RESEARCH PRIORITIES

Mr. Latham: What are the top research priorities for ARS in the coming fiscal year?

Response: The top research priorities for ARS in the coming year are in line with those of the Department and Administration and include: Food Safety; Crop Breeding and Protection; Animal Breeding and Protection; Child and Human Nutrition; Bioenergy/Biomass; Plant, Animal, and Microbial Collections; Production Systems for Sustainable Agriculture; Global Climate Change; and the National Agricultural Library.

AERIAL APPLICATION RESEARCH

Mr. Latham: What are the capabilities of the Aerial Application Research Program in College Station, Texas?

Response: The USDA ARS Aerial Application Research Team (AART) located at College Station, Texas, is the largest aerial application research group in the country with unique capabilities and resources for dedicated aerial spray technology research. The high and low speed wind tunnels for assessing the capabilities of aerial spray systems using active ingredient spray formulations, are unique resources to this research program in the United States. The team's dedicated research aircraft with available hanger and airport space allow them to address and respond to research questions that no one else can. Since the team's aircraft fall under the government aircraft certification, they are uniquely qualified for development and early prototype testing of equipment and aircraft modifications that will help aerial applicators apply materials in a safe, effective, and environmentally acceptable manner. During this development process, the AART aircraft can be modified or equipment placed on the aircraft without having to go through the lengthy FAA approval process. Examples of products that have been tested on AART aircraft include flow control systems, auto guidance systems, wingtip

modifications, lowered spray booms, aerial electrostatic equipment, and wing mounted spray pods.

Mr. Latham: What benefits does the Aerial Application Research Program provide for consumers?

Response: Consumers benefit from an increase in applicator effectiveness with a decrease in adverse impacts to off-target persons, animals, and crops. This insures that consumers have access to a ready supply of safe, affordable, high quality food, feed, fiber, and fuel while protecting the environment from excessive spray materials. As a recent example, the ARS Aerial Application Research Team (AART) provided a valuable service to Florida citrus growers by calibrating low volume spray equipment. Proper calibration is essential for product stewardship, label compliance, and maximizing the performance of this newly adopted low volume spray technology for the control of citrus psyllids. The effective and economical control of the Asian citrus psyllid is essential in the battle to slow the progression of Huanglongbing (HLB) or citrus greening in Florida. As a result of this work, consumers of Florida's citrus products have high quality, affordable produce, and the general public benefits from a reduction in the amount of pesticide in the environment needed to control this devastating disease.

An additional beneficiary of this research is the U.S. military. Research from the AART supports the Department of Defense Deployed War Fighter Protection Program by devising innovative methods for the suppression of insects that transmit diseases to U.S. military deployed abroad.

Mr. Latham: What are the implications for the agriculture industry should the Aerial Application Research Program be eliminated, and what would the chain of events be if it were eliminated?

Response: There are several immediate consequences that would occur were this program to cease to exist. This program is the primary scientific research outlet dedicated to supporting the agricultural and aerial application industries; therefore, its disappearance would in effect remove a significant source of applied science information. This would affect the industries' ability to interpret, comply, and/or respond to issues such as:

- Invasive species or persistent pests such as soybean rust, wheat Fusarium head blight, and resistant weeds and insects;
- Regulatory issues such as pesticide drift labeling language, National Pollutant Discharge Elimination System (NPDES) permits, buffer zones, and the EPA's Drift Reduction Technology (DRT) program;
- Technology changes that impact daily operations such as spray nozzle changes, increased aircraft capabilities, and changes in agrochemical formulations.

Scientists in the AART commonly consult with National Agricultural Aviation Association (NAAA) staff in addition to applicators in the field to provide scientific support when addressing these changing and often volatile issues. The AART group serves as a general clearing house of scientific information and data for a multitude of user groups including university, State, and Federal research groups, industry partners, involved professional organizations (including NAAA, American Society for Agricultural and

Biological Engineers (ASABE), American Society for Testing and Materials (ASTM), and Chemical Producers and Distributors Association (CPDA), etc.), private research entities, applicators, and growers. These relationships result in numerous collaborative research relationships often allowing for the completion of larger research projects that could not be completed by any single partner individually. Additionally, the research conducted by the AART is continually transferred to users and the scientific and engineering community through professional publications averaging near 20 publications a year. The AART continues to provide the agriculture industry with applied research that supports safe, effective, economic, and environmentally sound practices for pest and disease control. Without these resources and guidance, agricultural producers and the agricultural aviation industry would lose access to state-of-the-art best management practices, and would lose a significant part of its ability to evolve toward more improved application practices and systems. If AART were eliminated, impacted employees, cooperators, customers, and stakeholders would be notified that all intramural research activities would be brought to an orderly close as would related agreements.

National Institute of Food and Agriculture

SMITH-LEVER

Mr. Latham: What plans has NIFA made to ensure current information provided by extension services throughout the country remain easily accessible for agriculture producers given a proposed cut to Smith-Lever Formula funds?

Response: Although we are proposing modest cuts in Smith-Lever Formula funds, NIFA has proposed significant increases in the AFRI competitive grants program that includes increased investments in the integrated programs of AFRI. These integrated programs provide significant opportunities for support of multidisciplinary and multistate extension programs. Strong extension components within the integrated programs of AFRI will help ensure that research findings are accessible to agriculture producers and other key stakeholders. In addition, NIFA proposes to continue support for our electronically based initiative, eXtension, to ensure broad access to peer reviewed research-based information.

Questions Submitted by Mrs. Kaptur

Agricultural Research Service

CROSS AGENCY COLLABORATION, INNOVATION BUDGET

Ms. Kaptur: There has been significant conversation around the issue of innovation related to our budgets, yet, much of the ARS and NIFA work occurs in silo's. Research operations at hundreds of ARS labs across the country focus on specific research programs and do not necessarily collaborate with private industry. Yet, nationally, there seems to be increasing conversation about the ability of government to spur private business and competitiveness with innovative research. What actions has NIFA or ARS taken to collaborate these disparate researchers toward an agency wide innovation strategy?

Response: NIFA and ARS continue to enhance coordination and collaboration through joint program planning and stakeholder workshops around the major program areas supported by the two agencies. NIFA has recently placed an increased emphasis on large integrated multidisciplinary and multi-institutional programs that focus on several important areas such as food security, bioenergy, adaptation to climate change, childhood obesity, and food safety. These large collaborative programs encourage partnerships with the private sector to accelerate the adoption of research findings and catalyze innovation to maximize the impact of research investments. ARS researchers and ARS/NIFA-supported university researchers frequently collaborate to develop innovative solutions. Approximately 30% of the ARS patent portfolio is jointly owned with university institutions, and ARS coordinates on the licensing of these to private sector firms to develop goods and services from these science-based innovations. NIFA also manages the SBIR program for USDA. Private sector applicants that have a cooperative research and development agreement with ARS are favored to receive SBIR funding, recognizing that the research expertise delivered by ARS enhances likelihood of success in commercialization.

Ms. Kaptur: What types of small business innovation or technology transfer programs has ARS developed?

Response: ARS has long been engaged in protecting and transferring innovations through patenting and licensing, and there is a profound history of accomplishments dating to the earliest days of USDA. ARS was among the first federal R&D agencies to embrace the Stevenson-Wydler Act of 1980 and the Federal Technology Transfer Act of 1986 by establishing the Office of Technology Transfer and consolidating patenting, licensing, and Cooperative Research and Development Agreement (CRADA) functions therein. A majority of licenses are with small businesses; overall, 125 of 320 licenses currently have products in the marketplace. The USDA's SBIR program is managed by NIFA. Private sector applicants that have a cooperative research and development agreement with ARS are favored to receive SBIR funding, recognizing that the research expertise delivered by ARS enhances likelihood of success in commercialization. No other federal R&D SBIR program provides this incentive to small businesses. In recent years, ARS developed the Agricultural Technology Innovation Partnership program to enhance likelihood of ARS research outcomes being adopted by the private sector to create goods and services.

Ms. Kaptur: With a \$1 billion plus budget, would spending a few million on technology transfer within the agency be such a bad idea to create an agency wide innovation strategy?

Response: Development and execution of an ARS-wide innovation strategy has been delegated to the Office of Technology Transfer (OTT). Although technology transfer is a statutory requirement of federal R&D agencies, ARS does not receive a specific appropriation for these activities. Consequently, even though ARS recognizes that each dollar provided to support technology transfer represents a diversion of scarce resources needed to conduct the research to develop innovative solutions for the agriculture sector, ARS has committed resources annually to support much of the OTT operations. In fiscal year 2010, ARS allocated approximately \$3.1 million to OTT. Also, licensing revenues are retained in OTT as a further resource to support technology transfer operations across ARS, accounting for over half of the current OTT operations.

Ms. Kaptur: How does NIFA or ARS conduct agency wide prioritization of technology transfer?

Response: NIFA and ARS are working closely with the other science agencies of the REE mission area and the Department to develop a Strategic Action Plan. One of the initiatives within this plan is to ensure that USDA science is recognized and used. As the agencies move forward in developing research priorities and action plans, it is critical that we also work together in identifying priorities for education, extension outreach, and the technology transfer initiatives across the REE Mission Area and the Department. The Secretary of Agriculture has delegated authority to ARS for licensing any invention arising from USDA agencies engaged in some intramural research and for reviewing Cooperative Research and Development Agreements from other USDA agencies that have CRADA authority. ARS has prioritized technology transfer as a core mission function to the extent that every scientist has a technology transfer mandate in their annual performance plan, and successful technology transfer outcomes weigh heavily in the scientist's Research Position Evaluation System that periodically assess the qualifications and accomplishments of a scientist's career. In addition, ARS solicits input from customers, partners and stakeholders to guide research plans for minimizing development time and maximizing commercial impact. USDA-APHIS Wildlife Services contributes resources to support the ARS technology transfer delegations and operations. The Office of Technology Transfer resources are prioritized to facilitate adoption of ARS research outcomes by businesses in the agriculture sector followed by those of other agencies as resources allow. Furthermore, OTT proactively seeks research partnerships with the private sector for ARS scientists and developed the Agricultural Technology Innovation Partnership program to provide complementary business assets to partners of ARS for commercialization of research outcomes.

Ms. Kaptur: For the record, please outline the details of the ATIP technology transfer program recently started at the Agricultural Research Service.

Response: Beginning in late 2007, ARS established the "Agricultural Technology Innovation Partnership" program (ATIP) to further enhance the likelihood that research outcomes would be adopted by the private sector for commercialization. The program was born from the recognition that federal intramural R&D agencies were limited by mission and resources in the services they can provide to U.S. businesses. By statute, licensing any federal innovation requires that the applicant (business) provide a complete and sufficient business plan that describes their capabilities in marketing, manufacturing, access to fiscal resources, and their technical capabilities to develop products and services from the technology. Federal intramural R&D agencies can only offer "technical capabilities" through formal CRADAs with the licensee, but have neither the resources nor the authority to assist with the other requirements of licensees (assets) needed by these businesses to be successful. Consequently, ATIP was established to strategically form geographic partnerships with well-established economic development entities that excel in providing the complementary assets that ARS cannot. Currently, ATIP has 10 members. ATIP is comprised of 8 economic development "Partners", each serving as a portal anchored to an ARS Area, and a 9th Partner representing a national organization, the National Association of Seed and Venture Funds. These ATIP "Partners" were selected in part on the basis of breadth of program, extent of services offered to ARS and its customers, and proximity to an Area Office or major concentration of ARS

scientists. ATIP "Associates" are members selected on the basis of specific expertise or priorities in specialized ag sector areas. Associates work with all ATIP members, but coordinate primarily through the ATIP Partner proximal to their geography. All ATIP membership is formalized through Non-funded Cooperative Agreements as Partnership Intermediary Agreements. In 2010, the Center for Innovative Food Technology (CIFT) became an ATIP Associate working primarily with the Wisconsin Security Research Consortium (WSRC; ATIP Partner). Current emphasis is on developing local/regional/urban agriculture systems to provide entrepreneurial opportunities in urban settings, making productive use of abandoned / underutilized lands. As such, CIFT also works closely with EPA on urban brownfield remediation and urban revitalization through agricultural enterprises. CIFT also works closely with the Maryland Technology Development Corporation (TEDCO; ATIP Partner for Beltsville Area) on related issues. Through this project in Toledo, CIFT leads ATIP members in development, demonstration, and deployment of novel urban food production and delivery systems. In this capacity, CIFT is assisting in the identification of partnerships and researchable issues in periurban agriculture production and land / water resource management to facilitate sustainable and profitable enterprises.

ATIP already has impressive accomplishments in the past year. Several ATIP partners have hosted or are planning to host separate Showcases to highlight ARS research and technologies on biofuels, biobased products, sustainable agricultural practices, food safety/nutrition, functional food development, water technologies, and remote sensing. These showcases co-hosted by ATIP members are CALED, KBA, WSRC, TEDCO, MTA, and CIFT. As a result of these showcases: new licenses were obtained; ARS scientists formed new collaborative research teams to increase research capacity, impact and funding; and innovative industry/ARS research teams were formed to develop new technology that will address specific industry problems. ATIP Partners also coordinate Research Summits with ARS and University scientists to form collaborative multidisciplinary research teams. Those ATIP members developing Summits include WSRC, Ben Franklin Technology Development Authority, TEDCO, and Georgia Research Alliance. These teams are developing research proposals for extramural support through NIFA competitive grants programs. Additionally, in order to develop business plans for ARS technologies, ATIP members interacted with ARS to provide technology summaries to Business Schools for class projects. CrispTek, LLC was created on the basis of one of these entrepreneurship schools, licensed the ARS technology. CrispTek received funding from ATIP Partner TEDCO and launched its first sale 13 months later. Now in its second year of sales, product is now in over 500 stores, three grocery chains, three major food manufacturer/distribution companies, and also has robust internet sales. An economic impact study reveals that CrispTek has economic benefits from production and distribution in five states (MD, TX, IA, IL, and LA).

An ATIP partner, TEDCO received support from the U.S. Small Business Administration to conduct agricultural forums at five locations across the state of Maryland. The objective was to identify the specific agricultural issues in each of the five rural regions of Maryland and then host the forum. This novel approach entails: (1) a listening session of companies, farmers, economic development, regulatory and extension personnel to develop a list of agricultural-related issues to address for their region; (2) a focused group then meets to discuss how USDA could address the issues; (3) ATIP and USDA meet to create a morning and afternoon topic for a 1 day Forum; and (4) the Forum is convened with a roundtable discussion with ARS and companies,

farmers, economic development, regulatory and extension personnel to address the regional agricultural issues.

National Institute of Food and Agriculture

ENERGY

Ms Kaptur: The energy research portfolio within the research component of NIFA is absolutely critical and represents an important economic driver for rural America. Yet, as a casualty of the earmark discussion, important energy research projects are eliminated from your budget. \$3.225 million in special research grants are eliminated from your budget and the small business innovation research is similarly eliminated. What would be the result of these eliminations? Please outline for the committee the ongoing research that will be left on the table.

Response: The National Institute of Food and Agriculture is making substantial investments in bioenergy. The Agriculture and Food Research Initiative (AFRI) grants are supporting multi-million dollar investments in fiscal year 2010 on projects to establish successful regional approaches to sustainable biofuels production. Other multi-million dollar grants are supporting the education and training of the workforce needed to establish and sustain the emerging bioenergy industry. Research through AFRI is jointly supported with the Department of Energy on feedstock plant genomics. The efforts of the National Institute of Food and Agriculture are also coordinated with those of the Agricultural Research Service and the Forest Service to establish bioenergy centers. The Biomass Research and Development Initiative has made a \$28 million dollar investments in bringing bioenergy research to fruition. This program, funded in the Farm Bill, is coordinated with the Department of Energy. Fiscal year 2011 funding would continue these efforts. Together these programs address regional and national needs in a more coordinated manner than special research grants.

The President's request calls for a total reduction in NIFA funds of approximately \$120 million with a corresponding reduction in the SBIR set-aside. The SBIR Act requires USDA to participate as one of eleven Federal agencies required to reserve 2.5% of its extramural research and development funding to support small business innovation research. Elimination of a special research grant totaling \$3.225 million from the NIFA budget would reduce the funding available to SBIR by \$80,625 ($\$3,225 \times 2.5\% = \$80,625$). This funding would reduce the total number of SBIR projects that are funded in 2012 by one phase I grant. Although overall funding for SBIR would be reduced, NIFA would continue to administer a SBIR program that supports development of bioenergy resources.

Ms. Kaptur: As a result of these eliminations, how much funding will have been wasted as a result of premature project eliminations?

Response: Most of the projects that were funded in fiscal year 2010 through special research grants were multi-year projects. The already awarded multi-year funding will allow the investigators to complete the objectives that were funded in fiscal year 2010 and achieve an orderly termination of the programs. The research and work supported and published to date by the teams involved will contribute to the foundation of knowledge and possibilities for a viable bioenergy future.

Ms. Kaptur: At the same time as specific projects are being eliminated in energy programs, your budget documents indicate that Agriculture Food and Research Initiative funds will increase by \$6.5 million. How can NIFA abandon ongoing research that has been conducting important program questions while at the same time investing in new untested research proposals in energy?

Response: The Agriculture and Food Research Initiative is a competitive program with broad eligibility to draw new and creative ideas to meeting the nation's energy needs at a time when fresh approaches are needed. The Agriculture and Food Research Initiative grants are supporting multi-million dollar investments in regionally based sustainable bioenergy production systems in fiscal year 2010. Other multi-million dollar grants are supporting the education and training of the workforce needed to establish and sustain the emerging bioenergy industry. At the same time the Agriculture and Food Research Initiative is also investing more targeted research on the development of profitable co-products for bioenergy operations and working to find proactive solutions to potential pest and disease problems with Bioenergy production. Fiscal year 2011 funding would continue these efforts and move to determine the consequences of an expanding bioenergy industry on pollinators. The funded grants are awarded with the expectation of achieving results within the lifetime of the grant. Together these efforts form a coherent and concerted program to achieve greater energy security.

Ms Kaptur: Biomass Research and Development Funding (Section 9008 of the farm bill) contains \$33 million in funding during FY 2010, an \$8 million increase. Please outline for the committee some of the work that NIFA intends on completing with this funding.

Response: Section 9008 of the Farm Bill authorized \$20 million in fiscal year 2009 and \$28 million in fiscal year 2010. For fiscal year 2010, the Department of Energy added \$5 million which brought the total to \$33 million. The \$8 million increase from 2009 to 2010, combined with the additional \$5 million provided by the Department of Energy, resulted in larger, more comprehensive projects than previous awards. These awards are anticipated to move technologies more quickly to successful commercialization. Projects that have been recommended for award include production, harvest, transport and storage of energy crops and residues, forest biomass collection and transport, and cutting edge, innovative biochemical and thermo-chemical technologies to convert these agricultural and forestry materials into advanced biofuels, power, chemicals, and animal feed. Applicants were required to present the proposed technologies in the context of the supply chain from feedstock production to product development. Consortia of experts were formed that include representatives from farm and forest communities, industry, academia and national laboratories. Additionally, applicants were required to conduct an analysis with a life cycle perspective, taking into account the environmental, economic and social implications of the technologies being proposed.

The Biomass Research and Development Initiative is a unique program among Federal programs because it supports agricultural research in the developmental and demonstration phases. Eligibility for this program is broad, and NIFA emphasizes rural development and near-farm conversion technologies to create jobs and to give agriculture a major role in supporting the U.S. industrial base.

Ms Kaptur: In total, the President's budget request \$95.518 million for the NIFA line item for energy research programs. What will the country get out of this investment?

Response: NIFA programs are anticipated to make a major contribution to meeting the goals of the Renewable Fuel Standard and the goals of the President's Growing America's Fuels report. In meeting these goals, NIFA recognizes its responsibility to facilitate development of technologies that are sustainable in the fullest sense: renewable resources, environmentally and socially sound, and economically viable. The concept of sustainability is incorporated into requests for applications, as appropriate, in an effort to encourage a mind-set during project planning, and to ultimately define and quantify indicators for measuring sustainable biofuels production. NIFA supports a portfolio of energy research programs that include both competitive and noncompetitive programs.

Competitive programs include:

The Agriculture Food and Research Initiative Sustainable Bioenergy Challenge supports large regional Coordinated Agriculture Projects that are expected to deliver significant quantities of advanced biofuels within five years. The Sustainable Bioenergy Challenge also supports standard research grants that are focused on specific research gaps, and formal education grants are supported to develop a cadre of scientists and engineers for the emerging bioeconomy.

The Joint DOE-USDA Plant Feedstock Genomics program supports fundamental research to understand and manipulate cell wall structure for conversion of plant materials to biofuels.

The Joint USDA-DOE Biomass Research and Development Initiative supports developmental research and demonstrations to produce advanced biofuels, biopower and bioproducts.

Non-competitive projects are supported primarily through Hatch funding. Almost every land grant university supports renewable energy projects through formula-funded authorities. The projects focus on basic and applied research and are important for their role in addressing a broad range of energy topics and research gaps.

Agricultural Research Service

ENERGY RESEARCH

Ms. Kaptur: In total, the Agricultural Research Service has requested \$37.846 million for energy research at the agency. What type of agency wide energy innovation goals has ARS set for the agency as it accomplishes this budget line item?

Response: Expanded ARS intramural research through the regional USDA Biomass Research Centers is coordinated with increased extramural support through the NIFA Agriculture and Food Research Initiative (AFRI) Sustainable Bioenergy Coordinated Agricultural Projects (CAP) program based on directions given in the President's Interagency Working Group report *Growing America's Fuels*. This coordination builds upon USDA's research strengths nation-wide to help ensure that dependable supplies of feedstocks are available for the

production of advanced biofuels to meet legislated goals and market demands. ARS is forming new biomass crop development consortia to accelerate genetic improvements in feedstocks and make these materials readily available for adoption by researchers and industry, regardless of the size of companies. ARS also partners with universities in the Department of Energy (DOE) Plant Feedstock Genomics for Bioenergy competitive grant programs. Through the Agriculture Technology Innovation Partnership program, ARS is using its oil seed research network to bring together USDA, university, and private resources to create new region-based bio-jet fuel supply chains to help meet commercial air and military fuel needs. ARS and other USDA agencies will develop decision information tools to help reduce potential negative impacts on natural resources quality associated with a rapidly expanding biomass feedstock industry. To these ends, ARS scientists participate with university partners in the DOE Regional Feedstock Partnerships, and other USDA-NIFA-DOE supported research programs such as the Sun Grant Initiative. ARS bio-refining and coproduct development research is coordinated with DOE Energy Efficiency and Renewable Energy programs and with research supported by NIFA-DOE grant solicitations under the Section 9008 Biomass Research and Development Initiative. All of these efforts take advantage of not only coordinated USDA intramural and extramural research programs but DOE programs as well to maximize utilization of government-wide capabilities and resources.

Economic Research Service

FOOD DESERTS

Mrs. Kaptur: The work of the Economic Research Service to diagnose and map food deserts across the country is absolutely critical. From the initial food desert study conducted after the 2008 farm bill to the expanded food atlas, import things are happening at ERS. While we have been in CR year during FY 11, could you update the committee on the work to expand the food atlas and briefly explain the premise behind this work?

Response: To better understand food deserts over time and to support USDA policy initiatives, ERS proposes to update and expand its analysis of the extent of limited access to affordable and nutritious food. The update and extension, to be completed in 2012, will have three components: 1) an update of the analyses conducted for the 2009 Congressionally-mandated ERS report *Access to Affordable and Nutritious Food-Measuring and Understanding Food Deserts and Their Consequences*; 2) an examination of the degree to which access to affordable and nutritious food has changed between the two time periods (2006 to 2011); and 3) expanded analysis of the areas and people with limited access to food. Alternative ways to measure access will be examined, such as measures of store variety and of "food swamps" - areas that have relatively easy access to unhealthy foods as compared to healthier options.

Mrs. Kaptur: In the FY 12 budget, the administration proposed a \$2 million increase for ERS to conduct extensive analysis to analyze community access to local food. What was the base level supported in the budget for this work?

Response: This work builds on ERS research and expertise in the areas of food choice, diet and health, and local foods. The \$2 million budget request would represent the first ERS funding dedicated to extensive analysis of community access to local food. No funds were expended in Fiscal Year 2010

and none will be expended in Fiscal Year 2011 for analysis of community access to local foods.

Mrs. Kaptur: Beyond the Economic Research Service, what collaborative partners has ERS engaged to complete this new work?

Response: Through organized workshops and other meetings, ERS has worked with other Federal agencies, including the USDA Food and Nutrition Service, National Institute of Food and Agriculture (NIFA), and the Agricultural Marketing Service (AMS); key stakeholders (The Food Trust, Community Food Security Coalition, and the National Sustainable Agriculture Coalition); and academic research leaders from the Universities of Michigan, Minnesota, and California to identify the important issues related to data and research needs for both the local foods and food access/food deserts projects produced by ERS. We would seek similar collaboration for this new initiative in Fiscal Year 2012.

National Agricultural Statistics Service

NASS AND ERS WORK ON FARMERS MARKET ACCESS

Ms. Kaptur: In legislation introduced during the 111th Congress, HR 4971 the Greening America's Food Deserts Act, I proposed directing NASS to create a national agricultural census for farmers markets. What actions have NASS and ERS conducted to coordinate in the area of farmers markets or to determine the extent of farmers market access or market value obtained by farmers at these farmers markets?

Response: ERS staff are working with NASS staff through the Data Gathering Committee of the "Know Your Farmer, Know Your Food" Task Force to develop questions for the 2012 Census of Agriculture that will help describe the market for local foods. The team, which includes ARS, NAL, and AMS representatives, is recommending a 2014 follow on Local Food Marketing Survey that will detail the sales, market share, decision factors, and characteristics of farmers who participate in local food systems, including farmers markets.

ERS has a Memorandum of Understanding with AMS to analyze national survey data that AMS has collected from market managers on characteristics and operation of farmers markets. A collaborative ERS-AMS team is developing mapping tools and econometric models to describe efficiency and competition among farmers markets, which will inform policy makers and program managers of resource needs for expansion.

ERS has a Memorandum of Understanding with AMS and FNS to develop current data on the characteristics and location of farmers markets in the U.S., and to improve the accuracy of geographic directories of farmers markets locations using GIS technology.

ERS has included the number of farmers markets per county, 2009 and 2010, the percent change in number of farmers markets per county, 2009-2010, and the number of farmers markets per 1,000 county population, 2009, as Local Foods indicators in the ERS Food Environment Atlas.

ERS has completed analyses of existing Census of Agriculture data on direct to consumer sales in developing reports and presentations on economic

drivers for participation in local foods markets. Staff at ERS are also developing an Index of Food Localization from published data in the Census of Agriculture that will indicate geographic market penetration by local foods.

ERS is using Nielsen Homescan panel data to analyze price differentials between fruits and vegetables purchased at local food outlets, including farmers markets, and the same items purchased through outlets that use nonlocal supply chains. The revenue incentive for farmers to sell to local outlets depends on these price differentials.

Ms. Kaptur: What steps has NASS taken to analyze limitations of food processing capacity, food infrastructure or poor access to farmers markets into analysis that it conducts in the 2012 Agricultural Census?

Response: NASS and ERS, along with other agencies, are working toward identifying a population that could be targeted for a Census follow-on. Funding for this follow-on survey is not included in the budgeted amount in the 2012 census cycle cited previously. NASS believes the 2012 Census of Ag can account for the population of farmers that market products direct to consumers. However, a new population that markets to an intermediary who in turns provides the raw commodities to schools, hospitals, and others are presently not identified. The agencies, operating under the umbrella of "Know Your Farmer Know Your Food" have formulated a question to identify this population. If approved, this content could be added to the 2012 Census of Agriculture questionnaire.

A follow-up survey would consist of a sample of producers that self-identified that they market using either of these means. If funding is available, the sample would be sent a follow-up questionnaire that collected more robust information on their production, sales, and practices. The follow-on survey would reference the 2013 production year and be conducted in 2014.

NASS AND ERS WORK ON FOOD DESERTS

Ms. Kaptur: What data programs do either NASS or ERS complete to better understand the nexus between limited Food Access and untapped farm growing capacity in food deserts?

Response: ERS has produced data and indicators relating to the limited food access side of the question, which are available to the public online through ERS' *Food Environment Atlas*. Those data and indicators stem from the 2009 USDA report *Access to Affordable and Nutritious Food*, which provided the first national-level assessment of the extent of limited access in the United States. The data development aspect of the research involved acquiring and merging databases from proprietary and public sources into a GIS usable format. The databases include directories on stores authorized to accept Supplemental Nutrition Assistance Program benefits, location of supermarkets and large stores in the U.S., and trade data on food traditionally found in supermarkets, as well as household, community, and food business information derived from the Census of Population and other Census Bureau data products. In 2012, ERS will update the data and expand on the analysis from the 2009 report to monitor the extent of food access limitations in the U.S. over time.

Agricultural Research Service

ARS FACILITY, COSHOCTON, OHIO

Ms. Kaptur: I have always been mystified about decisions from the Agricultural Research Service to eliminate research activities at high priority facilities in Ohio. For the last few years, ARS has to end research at each of the research stations in Ohio and this committee has consistently pushed back, recognizing the importance of these activities. Yet, in this year's budget, it seems like ARS may finally get its wish and close the ARS facility in Coshocton Ohio. How can a facility run consistently by the Agricultural Research Service be considered an earmark?

Response: The fiscal year 2012 President's Budget for ARS proposes reductions of \$100.7 million to offset proposed increases for high priority national needs such as: Food Safety; Crop Breeding and Protection; Animal Breeding and Protection; Child and Human Nutrition; Bioenergy/Biomass; Plant, Animal, and Microbial Collections; Production Systems for Sustainable Agriculture; Global Climate Change; and the National Agricultural Library. The proposed budget reductions include the elimination of \$41.9 million in congressionally earmarked projects and the proposed reduction or termination of \$58.8 million in ongoing base ARS programs. This includes the proposed closure of the North Appalachian Experimental Watershed Research Laboratory in Coshocton, Ohio and nine other laboratories or research units. The proposed base reductions to ongoing ARS programs are not considered to be earmarks by the Administration. The difficult decision to close specific research locations was based on a review of a location's current research program and funding; a program's sustainability and viability; the priority within the agency; and whether a location lacked a "critical mass" of scientific expertise for an effective program or whether research was duplicative or can be accomplished more effectively elsewhere in ARS.

Ms. Kaptur: For the record, please elaborate on the activities at the Coshocton facility and detail the ongoing research that will be eliminated if the ARS office closure is allowed to occur.

Response: Research at Coshocton and similar facilities provide ARS the ability to predict how changes in management practices and climate might affect the sustainability of U.S. agriculture in different regions of the country. Long term assessments of how changes in climate and management practices affect water availability, water quality, and soil fertility provide insights to help meet future agricultural challenges. Research performed at Coshocton has also provided results relevant to problems in the Grand Lake St. Marys watershed in Ohio, manure management (particularly on frozen ground), and the Chesapeake Bay. ARS would look for opportunities to continue some of the watershed work at other locations.

Ms. Kaptur: Should the ARS facility in Coshocton Ohio be allowed to close, please outline for the committee the work of various research partners and stakeholders that will be eliminated.

Response: Coshocton scientists and the Coshocton facility are currently involved in a specific cooperative agreement with Ohio State University on Seasonal Grazing research. In addition, ARS scientists collaborate with several universities, foreign institutions, NGOs such as Organic Valley, the Rodale Institute, the Small Farm Institute, and the

Northeast Pasture Consortium, and the NRCS. Both state and federal agencies and various producers/producer groups (e.g., the Cattlemen's Association) use watershed and grazing research databases developed at the location. ARS would look for opportunities to continue some of the watershed work at other locations.

PHYTOESTROGEN RESEARCH

Ms. Kaptur: The Agricultural Research Service has also proposed eliminating the Phytoestrogen Research Program in Louisiana. This project has regularly received high remarks from internal ARS programs but because it was originally started as a congressionally directed program, has consistently faced program elimination. Does ARS evaluate activities on their merits or simply propose elimination because they consider these projects earmarks?

Response: All research projects at ARS are rated annually for performance and relevance to program priorities, without regard to how funds were originally obtained. As part of the human nutrition national program, the phytoestrogen research project is compared against other nutrition research. Higher priority areas of research include prevention of obesity and related chronic diseases, nutrient requirements of children, adults, pregnant and nursing women, and the elderly, and monitoring changes in the nutrient content of the American food supply plus changing food consumption patterns that influence health.

Ms. Kaptur: Every single activity at the Agricultural Research Service could be considered an earmark, it is simply the process by which ARS has followed in budgeting, yet, because of the national conversation both the agency and this committee seem powerless to defend meritorious activities conducted at the Agency. Please outline for the committee some of the collaborations that will cease as a result of the Phytoestrogen research and the potential market innovations that will be eliminated if this committee allows this research to be zeroed out as the budget request has suggested.

Response: ARS has collaborated on phytoestrogen research with Tulane University (Louisiana) and the University of Toledo (Ohio) for many years. The research characterized the potential health effects of a class of compounds, known as glyceollins, which can be induced in soy plants. Normally, glyceollins are found only in the inedible portions of soy plants and not in the soybean portion consumed by humans. Elevating the content of glyceollins in soybeans may provide added health benefits for soybeans. However, it is unclear if soybeans containing glyceollins would be given approval for consumption by the Food and Drug Administration (FDA). Extensive safety studies of the enhanced soybeans would be required before they could receive FDA consideration. It would be many years before their potential marketability as a food would be known. Nevertheless, the isolated glyceollins might be allowed as ingredients in dietary supplements which are not subject to the same FDA regulations. Thus, the likely market potential of this innovation is as a dietary supplement with limited market distribution.

OHIO AND ILLINOIS

Ms. Kaptur: While some have claimed that proposed cuts in the 2012 budget are related to blue state politics, many of the ARS cuts impact states like Ohio and Illinois. For the record, please outline the proposed cuts in

the ARS budget for both base line ARS funding (ARS conducted research) and for congressionally directing spending (extramural spending) that would impact Ohio and Illinois.

Response: The fiscal year 2012 budget request proposes to close the North Appalachian Experimental Watershed Research Facility in Coshocton, Ohio. There are no proposed reductions in base research in Illinois; however, one Congressionally designated project, Crop Production and Food Processing, Peoria, Illinois, funded at \$.8 million in 2010, and the associated extramural agreements (\$.3 million of the total project) with the University of Illinois and Purdue University funded through this project are proposed for termination.

ARS CONSTRUCTION AND FACILITIES

Ms. Kaptur: The Department's FY 2012 budget proposes to cancel \$224 million in unobligated balances from construction projects for the Agricultural Research Service's Building and Facilities account. Please provide me with a list of the construction projects proposed for cancellation that includes their location, appropriations for the buildings today, and what funding is needed to complete construction.

Response: A list of the construction projects proposed for cancellation that includes their location, appropriations for the buildings today, and what funding is needed to complete construction is provided for the record.

[The information follows:]

AGRICULTURAL RESEARCH SERVICE
Building and Facilities
Construction Projects Proposed for Cancellation

Project and Location	Proposed Rescission	Amount Appropriated	Unfunded
ARS Research & Development Center Auburn, AL	-\$3,500,000	\$3,500,000	\$54,200,000
U.S. Water Conservation Research & Western Cotton Research Laboratory Maricopa, AZ	-254,880	27,824,098	--
Center for Advanced Viticulture & Tree Crop Research Davis, CA	-16,062,114	16,310,639	32,689,361
Western Human Nutrition Research Center Davis, CA	-1,771,471	25,350,000	--
San Joaquin Valley Agricultural Research Center Parlier, CA	-788,193	27,660,000	--
U.S. Salinity Laboratory Riverside, CA	-14,370	1,752,445	--
U.S. Agricultural Research Station Salinas, CA	-14,937,644	18,754,019	62,845,981
Center of Excellence for Vaccine Research Storrs, CT	-7,221,296	7,715,819	24,084,181
U. S. National Arboretum Washington, DC	-4,816,573	5,925,100	44,974,900
U.S. Agricultural Research Laboratory Canal Point, FL	-4,106,211	5,039,325	29,160,675
Subtropical Horticultural Research Center Ft. Pierce, FL	-121	31,400,000	--
Pacific Basin Agricultural Research Center Hilo, HI	-7,730,452	39,668,326	10,031,674
Advanced Genetics Laboratory Aberdeen, ID	-223	5,070,100	--
Aquaculture Facility Hagerman, ID	-2,890,427	3,221,100	13,078,900
Animal Waste Management Research Laboratory Bowling Green, KY	-5,880,338	9,729,800	18,970,200
Forage Animal Production Research Laboratory Lexington, KY	-9,678,689	12,653,300	32,846,700
Beltsville Agricultural Research Center Beltsville, MD	-8,415,708	167,000,000	260,000,000
National Agricultural Library Beltsville, MD	-115,175	7,151,046	--
Aquaculture Research Facility Orono, ME	-2,012,504	22,720,095	7,280,291
Avian Disease & Oncology Lab East Lansing, MI	-63,193	1,942,000	--

AGRICULTURAL RESEARCH SERVICE
Building and Facilities
Construction Projects Proposed for Cancellation

Project and Location	Proposed Rescission	Amount Appropriated	Unfunded
Soil & Water Laboratory Morris, MN	-2,604	825,000	--
Cereal Disease Laboratory St. Paul, MN	-71,508	3,679,807	--
National Plant and Genetics Security Center Columbia, MO	-15,590,075	18,281,713	32,918,287
Biotechnology Laboratory Lorman, MS	-5,786,418	6,046,200	21,653,800
National Sedimentation Laboratory Oxford, MS	-92,427	1,987,000	--
Southern Horticulture Laboratory Poplarville, MS	-9,178	9,940,200	--
South Central Poultry Research Laboratory Starkville, MS	-10,347,673	12,493,200	2,096,800
National Biocontrol Laboratory Stoneville, MS	-38,409	15,589,001	--
Jamie Whitten Delta States Research Center Stoneville, MS	-6,032,365	14,587,726	--
Animal Bioscience Facility Bozeman, MT	-12,720,879	13,659,819	16,340,181
Fort Keough Livestock & Range Research Laboratory Miles City, MT	-57,996	5,818,340	--
Northern Plains Agricultural Research Laboratory Sidney, MT	-29,505	10,411,132	--
Human Nutrition Research Center Grand Forks, ND	-263,041	4,400,000	--
Systems Biology Research Facility Lincoln, NE	-5,782,528	6,238,200	60,561,800
Jornada Experimental Range Management Research Lab Las Cruces, NM	-28,256	7,875,000	--
Center for Grape Genomics Geneva, NY	-14,806,870	16,696,232	21,103,768
Center for Crop-Based Health Genomics Ithaca, NY	-7,314,491	10,411,917	56,438,083
University of Toledo Toledo, OH	-9,356,845	11,283,819	18,966,181
U. S. Grazinglands Research Laboratory El Reno, OK	-4,038	2,147,256	--
Southern Plains Range Research Station Woodward, OK	-152,556	12,424,000	--

AGRICULTURAL RESEARCH SERVICE
Building and Facilities
Construction Projects Proposed for Cancellation

Project and Location	Proposed Rescission	Amount Appropriated	Unfunded
U. S. Vegetable Laboratory Charleston, SC	-517	33,140,315	--
Northern Grain Insects Research Laboratory Brookings, SD	-174	9,394,100	--
U.S. Livestock Insects Research Laboratory Kerrville, TX	-2,768,214	3,347,200	39,452,800
Plant Stress Laboratory Lubbock, TX	-882	13,551,320	--
Subtropical Agricultural Research Laboratory Weslaco, TX	-18,503	9,868,703	--
ARS Agricultural Research Center Logan, UT	-13,839,929	14,438,800	50,061,200
ARS Research Laboratory Pullman, WA	-17,240,830	18,303,205	43,696,795
Appalachian Fruit Research Facility Kearneysville, WV	-3,430,725	4,312,220	25,027,780
National Center for Cool & Cold Water Aquaculture Res Leetown, WV	-4,717	15,921,000	--
Cereal Crops Research Center Madison, WI	-3,554	11,345,400	--
Nutrient Management Research Laboratory Marshfield, WI	-18,229	19,429,529	--
Dairy Forage Agricultural Research Center Prairie du Sac, WI	-7,675,381	8,504,350	46,195,640
Total	-223,748,899	786,738,926	1,024,675,978

Ms. Kaptur: How does the Department define "high priority" facilities construction projects? Please provide the written criteria the Department uses for their selection.

Response: There is no written guidance on what constitutes a "high priority" facility construction project. The term is used by the Department and ARS in conjunction with a facility project closely related to high priority research programs or initiatives. In general, these facilities address unique national resources, support high priority research programs, address essential research capacity, and support research programs critical to ARS support of action and regulatory agencies.

Ms. Kaptur: What is in the Department's budget for construction or completion of new facilities? Where are these facilities located?

Response: The Department has not budgeted any funds for the construction or completion of new facilities in Fiscal Year 2012. ARS is in the process of developing an objective process to guide orderly and timely capital investments for ARS Laboratory facilities in support of priority programs and other long-term requirements of USDA scientific research. The process will meet the objective and merit-based program criteria required by the Administration, as well as be responsive to stakeholders, research partners, and Congressional interests.

Ms. Kaptur: Does the Department have a mechanism to accept state or non-federal cost-share for new facilities?

Response: The Department does not have the authority to accept state or non-federal cost-share for new facilities without expressed direction from Congress.

Ms. Kaptur: Please provide a brief description for how the Department (and ARS) their construction estimates for new facilities. I understand construction estimates are based on a national computation, not a regional or local computation of construction costs. Why is this done?

Response: The Department and ARS use generally accepted industry standards in developing construction estimates. There are several iterations in the development of construction estimates depending on the degree to which a project is defined. As the project progresses from the planning to the construction document phase, regional and local cost considerations are taken into account.

When projects are first proposed, ARS prepares a conceptual estimate based on historic construction costs for similar facilities constructed by ARS or other entities. These estimates are based on a cost per square foot for construction and adjusted for specific project characteristics, and using industry estimating guides, gross adjustments are made for locality labor and material costs. These estimates are prepared by in house staff since funding at this stage is generally not available that would allow us to obtain the services of Architect-Engineering firms. Often these estimates are prepared with little detail available about specific program needs, facility location, or availability of supporting utilities.

Once a project is approved and funds appropriated, an Architect-Engineering firm is selected that has knowledge of local market conditions.

As the project advances through the programming, conceptual design, and construction document phases of development the facility requirements are more accurately defined and the cost estimate, taking into account specific regional and local cost considerations, becomes more detailed. Since it often takes years for a project to progress from a conceptual design to having all funds appropriated for construction, it is not possible to accurately predict in advance what market conditions will be at the time the project is actually tendered for bid; therefore any cost overruns must be addressed through scope reductions.

Chairman Jack Kingston
Additional Questions for the Record
USDA Research, Education, and Economics Mission Area
April 21, 2011

INTERNATIONAL PROJECTS

Mr. Kingston: Please provide a break out by agency of the cost, including the total cost, of each international project the National Agricultural Statistics Service conducted in fiscal years 2009 through 2011 and the 2012 estimate.

Response: NASS has provided assistance to the following countries. All international program assistance is funded through outside sources such as the Foreign Agricultural Service (FAS) and USAID.

National Agricultural Statistics Service				
International Project	FY 2009 Reimbursed	FY 2010 Reimbursed	FY 2011 Reimbursed	FY 2012 Requested
Afghanistan			\$35,011	
Armenia		\$200,000	250,000	\$150,000
Brazil			22,750	
Georgia	\$200,000	263,551	240,000	150,000
Haiti		33,598	38,265	150,000
Madagascar	150,000			
Moldova		22,100	136,000	100,000
Mongolia	24,529	27,607	12,004	20,000
Nigeria	148,130	203,440	160,000	150,000
Russia		24,930		
Serbia	80,645	52,000	98,604	100,000
Grand Total	\$603,304	\$827,226	\$992,634	\$820,000

NASS CALENDARS

Mr. Kingston: How many Agricultural Statistics Board calendars does the National Agricultural Statistics Service provide free to the public each year? What is the cost of preparing, printing, and shipping the calendars?

Response: NASS must prepare the calendars for internal use and the cost of preparation is included in overhead. The primary means of distributing this information is from our website with the majority of printed materials being distributed at trade shows, conferences and to visitors coming in for lockup briefings.

National Agricultural Statistics Service				
Agricultural Statistics Board Calendars				
	FY 2009		FY 2010	
	Count	Cost (\$)	Count	Cost (\$)
One Page Calendars	15,000		15,000	
Printing		\$1,500		\$1,500
Shipping (Mostly handed out)		750		750
Subtotal	15,000	\$2,250	15,000	\$2,250
Pocket Calendars	25,000		25,000	
Printing		\$13,000		\$13,000
Shipping (Mostly handed out)		0		0
Subtotal	25,000	\$13,000	25,000	\$13,000
GRAND TOTAL	40,000	\$15,250	40,000	\$15,250

COOPERATIVE AGREEMENTS

Mr. Kingston: Please explain the purpose of each of Agricultural Research Service's cooperative agreements with state institutions in fiscal years 2009 and 2010. What benefits did ARS receive from the agreements? What results were achieved through the agreements?

Response: The cooperative agreements, benefits received and results achieved for each agreement are described below.

[The information follows:]

Arizona Cotton Research & Protection Council (ARS Southern Regional Research Center, New Orleans, Louisiana):

Purpose: Aflatoxins are carcinogenic toxins/by-products produced by various strains of a common fungus *Aspergillus flavus*. For over three decades, aflatoxin contamination has cost Arizona's cotton producers annual losses of over \$5 million. Cottonseed containing over 20 parts per billion of aflatoxin cannot be fed to dairy cows, and results in \$20-\$50 per acre loss in revenue. Several key U.S. trading partners strictly regulate aflatoxins. Crops with even very low aflatoxin levels may be at a severe trading disadvantage. Research by USDA-ARS developed a biocontrol method for aflatoxins using a competitive non-toxigenic strain AF36. The Arizona Cotton Research & Protection Council (ACRPC) established a working partnership with USDA-ARS to both manufacture *Aspergillus flavus* AF36 and advance atoxigenic strain technology.

Benefits and Results/Accomplishments: Since its inception the USDA-ARS/ACRPC partnership has led to the treatment and evaluation of AF36 applications on cotton in Arizona and Texas. This, in turn, has resulted in the progressive displacement and hence reduction of aflatoxin producing fungi by AF36 throughout treatment regions. The ACRPC applied for both

experimental use and Section 3 registration with EPA for AF36 which was granted by the EPA in 2007.

In terms of fiscal benefits, in January 2011, the Corn Producers Association of Texas indicated that for every ARS research dollar invested on aflatoxin biocontrol applications there was a \$7 return.

Connecticut Agricultural Experiment Station (ARS Center for Medical, Agricultural and Veterinary Entomology, Gainesville, Florida):

Purpose: The purpose of the collaborative research between the Center for Medical, Agricultural and Veterinary Entomology (CMAVE) and the Connecticut Agricultural Experiment Station (CAES) was to study and monitor mosquito vectors of exotic viruses. The physical location of these two institutions allows studies to be conducted in temperate and sub-tropical climates to better understand the biology and ecology of several important mosquito vectors as a prelude to the identification of new methods for their prevention and control.

Benefits: Two of the mission-based research activities of the ARS Mosquito and Fly Research Unit at CMAVE involve: (1) trapping systems for surveillance and control of mosquitoes and (2) biologically based control technology for blood-sucking insects.

Results/Accomplishments:

CAES:

- Developed new and improved methods for the control of immature mosquitoes in catch basins in urban areas, including new formulations of beneficial bacteria for the control of *Culex* mosquitoes that transmit West Nile virus.
- Discovered new natural enemies of mosquitoes for biological control programs.
- Developed a new community-based mosquito control program that used one of the newly developed control formulations.
- Detected a new introduction of Asian tiger mosquitoes at a commercial tire recycling plant in northeastern Connecticut.
- Used modern techniques to monitor genetic changes in West Nile virus and other arboviruses that may affect virulence in humans and animals.
- Designed new arbovirus risk reduction strategies based upon a better understanding of the natural history of arboviruses by considering mosquito behavior.
- Identified and characterized the spatial and temporal distribution of viruses associated with mosquitoes, including 191 isolates of West Nile virus.
- Developed a real-time model using climate, land use, and animal surveillance data to predict West Nile virus risk.

CMAVE:

- Developed an improved attractant and ovitrap for the surveillance of *Aedes albopictus*.

- Developed new and improved sampling methods for estimating mosquito population density for vector surveillance/control and disease prevention.
- Used environmental predictors of mosquito activity in a Geographic Information System (GIS) for development of a new strategy for deploying mosquito traps in mosquito surveillance systems.
- Expanded the foundation of strategic inter-agency partnerships and synthesis of research programs to protect the U.S. against the introduction and establishment of Rift Valley fever virus.
- Continued accumulation, integration, and analysis of U.S. climate data and U.S. mosquito population surveillance data at the national level.

Connecticut Agricultural Experiment Station (ARS Invasive Plant Research Laboratory, Ft. Lauderdale, Florida):

Purpose: The purpose of the research with the Connecticut Agricultural Experiment Station (CAES) was to:

- Determine diversity and distribution of aquatic weed species of importance to the State of Connecticut;
- Prioritize weed species on which to concentrate control efforts based on current or potential impact on the State's waterways;
- Examine available weed management strategies for the key weed species; and
- Propose new directions for biologically based integrated management of these weed species.

Benefits: The ARS Invasive Plant Research Laboratory at Fort Lauderdale, Florida, develops aquatic weed biocontrol programs in the eastern United States, including problematic aquatic weeds such as Eurasian water milfoil (*Myriophyllum spicatum*) and fanwort (*Cabomba caroliniana*) that are problematic not only to the large number of water bodies of Connecticut and Florida, but also in other states.

Results/Accomplishments:

- Aquatic vegetation was mapped in 24 lakes and ponds, documenting native and aquatic weeds and preparing GPS-based bathymetric vegetation maps with transects to help with tracking dynamics of aquatic species abundance and distribution over time and space. More than 60 percent of the lakes surveyed had one or more species of invasive aquatic plants.
- Discovered Connecticut's first infestation of Brazilian waterweed (*Egeria densa*) at Fence Rock Pond in Guilford and CAES is working with the local lake association and the Connecticut Department of Environmental Protection to provide control options.
- Began insect-based biological control of Eurasian watermilfoil (*Myriophyllum spicatum*) with the Eurasian watermilfoil weevil (*Euhrychiopsis lecontei*) in 17 lakes. 10,000 adult weevils were released to augment their existing populations in two large water bodies (Lake Candlewood and Indian Lake).

New Orleans Mosquito & Termite Control Board (ARS Southern Regional Research Center, New Orleans, Louisiana):

Purpose: Develop and demonstrate new methods for control of the Formosan subterranean termite based on sound practices of Integrated Pest Management. The City of New Orleans Mosquito and Termite Control Board (NOMTCB), New Orleans, LA participated in all phases of the conduct of planning and management of the area-wide management of Formosan termites (FST) in New Orleans' French Quarter (FQ).

Benefits: ARS benefited from the participation of the NOMTCB in the area-wide management project in the FQ in that their participation contributed significantly in accomplishing three objectives of the parent project i.e. 1) successfully implementing and conducting an area management project for FST; 2) disseminating information about FST and their control to stakeholders; 3) determining the extent of FST in Louisiana and neighboring States and providing control information to local citizens when FST was found. ARS was considered the architect of this highly successful research project that proved the effectiveness of area-wide treatment of Formosan subterranean termites. The work established a framework that could be applied to an area-wide control of FST throughout its range in the U.S.

Results/Accomplishments: Control of the FST on an area basis and protection of the historical district of New Orleans. The FST population on the RR & levee which had been the heaviest infested areas in the FQ was almost eliminated (98% reduction). Every detected above-ground infestation was eliminated. Their elimination was confirmed by further inspections and their eliminations contributed to a continuing reduction in the number of colonies present in the FQ as determined by microsatellite examination of alates in swarm clouds. Except for the 98% reduction mentioned above, the size of the FST population in the FQ through 2010 is 44 to 76% its original size depending on when an area was introduced into the program. The training sessions for pest control technicians have been overwhelmingly successful based on exit evaluations by participants.

Oklahoma Water Resources Board (ARS Grazinglands Research Laboratory, El Reno, Oklahoma):

Purpose: The cooperative agreement with the Oklahoma Water Resources Board (OWRB) supports a partnership between ARS' Grazinglands Research Laboratory, El Reno, the OWRB, and the U.S. Geological Survey (USGS) for long-term of stream flow and water quality measurement and analysis in ARS research watersheds in Oklahoma.

Benefits and Results/Accomplishments: Data collected by OWRB were used to develop rating curves of flow and sedimentation.

- Stream flow data were used to calibrate a SWAT model that was then used to analyze the sensitivity of the model to the spatial density of precipitation input data. Results were published in the journal, Transactions of the ASABE (American Society of Agricultural and Biological Engineers).
- Stream flow and the nutrient rating curve derived from measurement data were used to calibrate SWAT for application to an analysis of the effectiveness of riparian restoration and buffers to mitigate sediment and nutrient yield in the watershed.
- Stream flow, sediment, and nutrient data and analyses were used to support a joint USGS-ARS report on water quality in the Fort Cobb Reservoir watershed, which is currently in press.

- Data were used to calibrate SWAT for wet and dry periods, and the calibrated model was used to assess the effects of climate regime on sediment and nutrient yield in the Fort Cobb watershed.
- Stream flow data were used to characterize the effects of wet and dry phases of the flow regime on sediment and P water quality within the stream network above Fort Cobb reservoir.
- The SWAT model, calibrated on flow measurements collected under this agreement, was used to assess the sensitivity of SWAT to spatial resolution of soil input data.

Milwaukee Public Museum (ARS Sustainable Perennial Crops Laboratory, Beltsville, Maryland):

Purpose: The purpose of the cooperative agreement was for cooperative cacao research with the Milwaukee Public Museum determining the biotic factors that occur under cacao production in Costa Rica. Cacao is the raw material, exclusively grown in tropic countries outside the United States, utilized in the production of chocolate and cocoa products (both food- and pharmaceutical-based). This \$18 billion annual industry is one of the largest domestic consumers of U.S. milk, sugar, nuts, and oils.

Benefits: The research yielded useful data on the population structure of some animal and insect groups found in cacao farms. However, the research produced little data applicable to ARS' goals of increasing cacao production and disease suppression, or identification of unique cacao types or traits that could be used to benefit the U.S. chocolate industry or consumers.

Results/Accomplishments:

- A study of fruit-feeding butterflies at the Tirimbina Rainforest Center that assessed the vertical and horizontal species distribution spatially and temporally with a comparison of abandoned cacao habitat and adjacent tropical rainforest habitat.
- Surveys of sloth populations in 15 cacao farms using radio telemetry that illustrated the importance of various types of cacao habitats on the dispersal patterns of these animals spatially and temporally.
- Examination of the diversity of spiders associated with ground cover and understory vegetation in a series of cacao farms in the Upala region of Costa Rica. This research was essentially a gradient analysis, comparing patterns of spider diversity in cacao farms of varying degrees of shade cover, light regimes, etc.

OFFICE OF PEST MANAGEMENT POLICY

Mr. Kingston: For the Office of Pest Management Policy, please provide a breakout of staff by grade.

Response: A breakout of the Office of Pest Management Policy staff by grade is as follows:

Director of Office of Pest Management Policy, SES
 Agronomist, GS-15
 Biotechnology Coordinator, GS-15
 Plant Pathologist, GS-15
 Toxicologist, GS-15
 Agricultural Economist, GS-14
 Biologist, GS-14
 Entomologist, GS-14
 Program Analyst, GS-9

HATCH ACT

Mr. Kingston: Please provide a table showing the number of personnel per university that Hatch Act funding supported in each of fiscal years 2008 and 2009.

Response: The staff shown in the attached table are supported by a combination of Hatch funds, state funding, and/or other sources. Recipients of Hatch Act funds have the flexibility to distribute funds among research projects, infrastructure, and personnel as they wish to meet the needs of their university. The distribution of these dollars varies from state to state. Data on personnel supported with Hatch funds, as reported into the Current Research Information System (CRIS) by recipients, for fiscal year 2008 and 2009 is provided.

The information is submitted for the record.

[The information follows:]

Summary of Personnel Supported with Hatch Act Funds in fiscal Year 2008

University/Recipient	Scientist Support	Professional Support	Technical Support	Clerical Support
AUBURN UNIVERSITY	78.6	100.2	18.7	8.9
UNIVERSITY OF ALASKA	10.8	3.4	6.7	0.9
UNIVERSITY OF ARKANSAS	100.2	249.4	48.7	50.4
UNIVERSITY OF ARIZONA	127.2	239.9	81.7	42.2
UNIV OF CALIFORNIA	256.8	968.4	123.4	332.1
UNIV OF CALIFORNIA (VET-MED)	2.0	1.5	0.4	0.0
UNIVERSITY OF CALIFORNIA	80.5	284.3	51.1	41.3
COLORADO STATE UNIVERSITY	52.3	235.2	41.1	44.0
CONNECTICUT AGRICULTURAL EXPERIMENT STATION	29.0	0.0	21.6	0.0
UNIV OF CONNECTICUT	6.5	49.5	0.5	11.6
UNIV OF THE DISTRICT OF COLUMBIA	2.5	1.7	1.3	0.1
UNIVERSITY OF DELAWARE	19.3	0.0	0.0	0.0
UNIVERSITY OF FLORIDA	127.5	114.2	193.3	72.5
UNIVERSITY OF GEORGIA	166.7	154.2	145.6	100.3
UNIVERSITY OF GUAM UOG STATION	9.7	1.9	14.0	5.3
UNIV OF HAWAII	46.3	24.1	5.7	64.0
UNIV OF IDAHO	72.8	50.0	26.8	61.1
UNIVERSITY OF ILLINOIS	117.7	329.3	11.9	56.8
PURDUE UNIVERSITY	148.7	466.4	16.4	83.7
IOWA STATE UNIVERSITY	113.3	244.5	9.8	216.2
KANSAS STATE UNIV	133.9	368.5	83.9	46.2
UNIVERSITY OF KENTUCKY	101.8	120.5	150.3	83.1
LOUISIANA STATE UNIVERSITY	90.1	107.3	6.3	39.8
UNIV OF MASSACHUSETTS	12.3	1.1	4.3	5.9
UNIV OF MARYLAND	12.4	14.3	15.2	11.6
UNIVERSITY OF MAINE	34.3	20.6	25.3	19.7
MICHIGAN STATE UNIV	110.9	222.5	19.1	170.9
UNIV OF MINNESOTA	105.4	204.5	34.9	109.3
COLLEGE OF MICRONESIA	6.0	4.6	4.9	17.5
MISSISSIPPI STATE UNIV	65.8	144.4	26.2	179.1
UNIVERSITY OF MISSOURI	99.5	333.0	37.5	134.7
MONTANA STATE UNIVERSITY	45.7	79.7	22.2	18.6
NORTH CAROLINA STATE UNIV	168.2	378.3	190.6	76.7
NORTH DAKOTA STATE UNIV	71.5	155.5	22.6	14.1
UNIVERSITY OF NEBRASKA	125.3	260.8	70.3	145.4
UNIVERSITY OF NEVADA	11.6	12.7	0.7	5.9
UNIVERSITY OF NEW HAMPSHIRE	11.7	2.9	0.0	0.0
RUTGERS UNIVERSITY	73.4	50.6	32.1	0.0
NEW MEXICO STATE UNIV	31.4	21.5	10.0	6.0
CORNELL UNIVERSITY	82.1	76.9	22.1	156.1
N Y AGRICULTURAL EXPT STATION	47.9	42.0	34.1	102.3
OHIO STATE UNIVERSITY	97.4	183.3	86.0	94.5
OKLAHOMA STATE UNIVERSITY	71.1	174.3	9.8	3.6
OREGON STATE UNIVERSITY	91.0	223.0	70.1	66.6
PENNSYLVANIA STATE UNIVERSITY	208.3	280.8	47.4	117.1
UNIVERSITY OF PUERTO RICO AT MAYAGUEZ	43.7	0.4	52.7	224.1
UNIVERSITY OF RHODE ISLAND	5.7	1.0	0.0	0.4
CLEMSON UNIVERSITY	47.8	8.5	86.6	12.4
SOUTH DAKOTA STATE UNIVERSITY	54.8	77.2	26.1	45.6
UNIVERSITY OF TENNESSEE	77.1	161.6	81.9	23.5
TEXAS A&M UNIV	233.6	749.9	97.0	157.4
UTAH STATE UNIVERSITY	32.7	33.7	10.9	1.1
VIRGINIA POLYTECHNIC INSTITUTE	100.9	246.0	164.2	40.1
UNIV OF THE VIRGIN ISLANDS	2.3	7.5	13.0	1.4
UNIVERSITY OF VERMONT	17.7	25.4	12.6	6.2
UNIV OF WISCONSIN	28.9	97.1	7.5	13.8
WASHINGTON STATE UNIVERSITY	104.5	208.5	54.4	23.7
WEST VIRGINIA UNIVERSITY	25.6	43.8	1.9	21.6
UNIVERSITY OF WYOMING	11.4	4.5	4.4	0.9
TOTAL	4,264.1	8,666.8	2,457.8	3,382.3

Summary of Personnel Supported with Hatch Act Funds in fiscal Year 2009

University/Recipient	Scientist Support	Professional Support	Technical Support	Clerical Support
AUBURN UNIVERSITY	66.2	64.8	6.7	18.4
UNIVERSITY OF ALASKA	9.1	2.9	5.6	0.4
UNIVERSITY OF ARKANSAS	95.4	245.3	45.2	58.9
UNIVERSITY OF ARIZONA	128.5	226.2	84.6	39.4
UNIV OF CALIFORNIA	230.3	946.4	108.2	117.8
UNIV OF CALIFORNIA (VET-MED)	3.1	0.0	1.0	0.0
UNIVERSITY OF CALIFORNIA	85.4	334.3	58.1	49.3
COLORADO STATE UNIVERSITY	44.7	161.0	31.0	30.0
CONNECTICUT AGRICULTURAL EXPERIMENT STATION	31.6	0.0	15.9	0.0
UNIV OF CONNECTICUT	8.7	39.2	3.0	18.1
UNIV OF THE DISTRICT OF COLUMBIA	2.9	1.1	1.1	0.1
UNIVERSITY OF DELAWARE	41.1	0.0	0.0	0.0
UNIVERSITY OF FLORIDA	202.5	242.9	290.8	121.7
UNIVERSITY OF GEORGIA	170.6	164.2	153.7	91.0
UNIVERSITY OF GUAM UOG STATION	8.7	1.0	10.5	4.0
UNIV OF HAWAII	55.4	26.5	6.1	65.2
UNIV OF IDAHO	72.0	49.0	25.4	60.1
UNIVERSITY OF ILLINOIS	112.6	299.0	20.4	45.6
PURDUE UNIVERSITY	172.1	446.5	83.0	132.1
IOWA STATE UNIVERSITY	115.2	221.1	8.8	202.2
KANSAS STATE UNIV	141.8	213.8	75.8	42.3
UNIVERSITY OF KENTUCKY	88.0	130.9	168.1	63.3
LOUISIANA STATE UNIVERSITY	94.9	102.4	3.5	45.1
UNIV OF MASSACHUSETTS	12.5	2.4	2.8	6.0
UNIV OF MARYLAND	31.8	26.8	24.6	22.4
UNIVERSITY OF MAINE	34.3	33.2	9.7	8.4
MICHIGAN STATE UNIV	112.9	244.9	20.6	185.2
UNIV OF MINNESOTA	87.8	187.8	36.1	99.9
COLLEGE OF MICRONESIA	5.3	3.4	2.8	11.5
MISSISSIPPI STATE UNIV	61.0	149.3	27.8	178.2
UNIVERSITY OF MISSOURI	60.5	239.9	33.4	100.5
MONTANA STATE UNIVERSITY	39.2	60.6	19.1	15.2
NORTH CAROLINA STATE UNIV	166.9	238.5	236.5	74.2
NORTH DAKOTA STATE UNIV	75.2	168.5	24.2	14.0
UNIVERSITY OF NEBRASKA	140.2	277.9	78.8	154.8
UNIVERSITY OF NEVADA	8.0	10.7	0.8	4.9
UNIVERSITY OF NEW HAMPSHIRE	8.7	2.2	0.0	0.0
RUTGERS UNIVERSITY	60.1	48.1	20.4	0.0
NEW MEXICO STATE UNIV	33.3	24.6	12.0	5.7
NORTHERN MARIANAS COLLEGE	0.0	0.0	0.0	0.0
CORNELL UNIVERSITY	54.0	49.1	20.1	115.0
N Y AGRICULTURAL EXPT STATION	45.7	38.1	29.4	89.1
OHIO STATE UNIVERSITY	94.1	179.4	82.5	96.2
OKLAHOMA STATE UNIVERSITY	76.0	153.0	8.3	4.1
OREGON STATE UNIVERSITY	190.0	128.3	85.0	45.6
PENNSYLVANIA STATE UNIVERSITY	195.7	255.6	44.7	112.4
UNIVERSITY OF PUERTO RICO AT MAYAGUEZ	34.9	5.6	39.4	252.0
UNIVERSITY OF RHODE ISLAND	5.9	0.0	0.0	0.0
AMERICAN SAMOA COMM COLLEGE	0.0	0.0	0.0	0.0
CLEMSON UNIVERSITY	51.2	10.0	87.6	25.6
SOUTH DAKOTA STATE UNIVERSITY	64.1	95.5	32.5	56.8
UNIVERSITY OF TENNESSEE	77.4	152.0	58.8	32.2
TEXAS A&M UNIV	245.8	831.3	106.5	156.9
UTAH STATE UNIVERSITY	32.1	31.7	7.3	2.0
VIRGINIA POLYTECHNIC INSTITUTE	98.2	230.2	162.3	40.0
UNIV OF THE VIRGIN ISLANDS	3.5	10.5	17.0	2.3
UNIVERSITY OF VERMONT	16.1	26.6	9.8	6.2
UNIV OF WISCONSIN	21.8	69.2	3.0	17.7
WASHINGTON STATE UNIVERSITY	93.6	203.6	45.7	11.4
WEST VIRGINIA UNIVERSITY	22.1	33.5	1.1	21.0
UNIVERSITY OF WYOMING	9.9	5.6	13.1	0.4
TOTAL	4,350.6	8,146.1	2,610.2	3,372.8

SMITH-LEVER

Mr. Kingston: Please provide a table showing the number of personnel per university that Smith-Lever funding supported in each of fiscal years 2008 and 2009.

Response: The latest data on personnel supported with Smith-Lever 3(d) funds as reported into the Current Research Information System by recipient for fiscal year 2008 and 2009 is provided.

The information is submitted for the record.

[The information follows:]

Summary of Personnel Supported with Smith Lever 3D Expenditure & Obligation Funds in Fiscal Year 2008

University/Recipient	Scientist Support	Professional Support	Technical Support	Clerical Support
ALASKA COOPERATIVE EXTENSION SERVICE	1.1	0	0.1	0.4
UNIVERSITY OF ARIZONA	0	0	0	0
UNIV OF CALIFORNIA	0	1.3	1.2	0.8
COLORADO STATE UNIVERSITY	0	0	0	0
UNIV OF CONNECTICUT	0	0	0	0
UNIVERSITY OF DELAWARE	1.8	0	0	0
UNIVERSITY OF FLORIDA	1	0	0	0.3
UNIVERSITY OF GEORGIA	0	0	0	0
UNIVERSITY OF GUAM COOPERATIVE EXTENSION	0	0	0	0
COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF HAWAII	0	0	0	0
UNIV OF IDAHO	0	0	0.2	0
UNIVERSITY OF ILLINOIS	0.4	2.4	0	0.2
UNIVERSITY OF ILLINOIS	0	0	0	0
PURDUE UNIVERSITY	0.2	3	1	0
IOWA COOPERATIVE EXTENSION	0	6.2	0	0
KANSAS STATE UNIV	0	0	0	0
UNIVERSITY OF KENTUCKY	0.5	0.5	0.1	1.6
LOUISIANA STATE UNIVERSITY	0	0	0	0
UNIV OF MARYLAND	0.1	0.2	0.5	1.2
MICHIGAN STATE UNIV	0.2	0.6	0	0.3
UNIV OF MINNESOTA	0	0.5	0	0.1
UNIV OF MINNESOTA	0	0	0	0
MISSISSIPPI STATE UNIV	0.2	1.4	0	0
MS State University Extension Service	0	0.2	0.2	0
UNIVERSITY OF MISSOURI	0	0	0	0
UNIVERSITY OF MISSOURI	0	0	0	0
MONTANA STATE UNIVERSITY EXTENSION SERVICE	0	0	0	0
NORTH CAROLINA STATE UNIV	0	0	0	0
ND SU EXTENSION SERVICE	0	0	0	0
UNIVERSITY OF NEBRASKA - LINCOLN EXTENSION	0	0	0	0
UNIVERSITY OF NEVADA COOPERATIVE EXTENSION	0	0	0	0
UNH Cooperative Extension	0	0	0	0
NEW MEXICO STATE UNIV	0	1.4	0	1
NORTHERN MARIANAS COLLEGE	0	0	0	0
CORNELL UNIVERSITY	0	0	0	0
OKLAHOMA COOPERATIVE EXTENSION SERVICE	0	0	0	0
OREGON STATE UNIVERSITY EXTENSION SERVICE	0	0	0	0
PENNSYLVANIA STATE UNIVERSITY	0	0	0	0
UNIVERSITY OF PUERTO RICO EXTENSION	0	0	0	0
UNIVERSITY OF RHODE ISLAND	0	0	0	0
CLEMSON UNIVERSITY COOPERATIVE EXTENSION	0	0	0	0
SOUTH DAKOTA STATE UNIVERSITY	0.3	0.8	1	1.8
UNIVERSITY OF TENNESSEE	0	0	0	0
UNIVERSITY OF TENNESSEE	0	0	0	0
TEXAS COOPERATIVE EXTENSION	0	0	0	0
UTAH STATE UNIVERSITY EXTENSION	0	0	0	0
VIRGINIA COOPERATIVE EXTENSION, VA POLYTECH INST.	0	0	0	0
UNIVERSITY OF THE VIRGIN ISLANDS	0	0	0	0
UNIVERSITY OF VERMONT EXTENSION	0	0	0	0
UNIVERSITY OF WISCONSIN - EXTENSION	0	0	0	0
WASHINGTON STATE UNIVERSITY EXTENSION	0	0	0	0
WEST VIRGINIA UNIVERSITY EXTENSION SERVICE	0	0	0	0
UNIVERSITY OF WYOMING	0.3	1.7	0	0.4
TOTAL	6.1	20.2	4.3	8.1

Summary of Personnel Supported with Smith Lever 3D Expenditure & Obligation Funds in Fiscal Year 2009

University/Recipient	Scientist Support	Professional Support	Technical Support	Clerical Support
TUSKEGEE UNIVERSITY	0.0	0.0	0.0	0.0
AUBURN UNIV., ALABAMA COOPERATIVE EXTENSION SYSTEM	0.0	0.0	0.0	0.0
ALASKA COOPERATIVE EXTENSION SERVICE	0.6	0.0	0.2	0.3
UNIVERSITY OF ALASKA	0.0	0.0	0.0	0.0
ARKANSAS COOPERATIVE EXTENSION SERVICE	0.0	0.0	0.0	0.0
UNIVERSITY OF ARIZONA	0.0	0.0	0.0	0.0
UNIV OF CALIFORNIA	0.1	3.2	0.3	2.6
UNIVERSITY OF CALIFORNIA	0.0	0.0	0.0	0.0
UNIV. OF CALIFORNIA COOPERATIVE EXTENSION	0.0	0.0	0.0	0.0
COLORADO STATE UNIVERSITY	0.0	0.4	0.2	0.0
COLORADO STATE UNIVERSITY	0.0	0.0	0.0	0.0
CONNECTICUT AGRICULTURAL EXPERIMENT STATION	0.3	0.0	0.0	0.0
UNIV OF CONNECTICUT	0.0	0.0	0.0	0.0
UNIVERSITY OF DELAWARE	0.5	0.0	0.0	0.0
UNIVERSITY OF FLORIDA	1.2	0.8	0.7	0.2
FLORIDA A&M UNIVERSITY	0.0	0.0	0.0	0.0
UNIVERSITY OF GEORGIA	0.0	0.0	0.0	0.0
UNIVERSITY OF GUAM COOPERATIVE EXTENSION	0.0	0.0	0.0	0.0
COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF HAWAII	0.0	0.0	0.0	0.0
UNIV OF IDAHO	0.0	0.0	0.5	0.0
UNIVERSITY OF ILLINOIS	0.2	1.7	0.1	0.2
UNIVERSITY OF ILLINOIS	0.0	0.3	0.0	0.0
PURDUE UNIVERSITY	0.5	7.5	2.4	0.7
IOWA STATE UNIVERSITY	0.0	0.0	0.0	0.0
IOWA COOPERATIVE EXTENSION	0.5	1.3	0.1	0.0
KANSAS STATE UNIV	0.0	0.0	0.0	0.0
UNIVERSITY OF KENTUCKY	0.2	0.9	0.0	4.5
LOUISIANA STATE UNIVERSITY	0.3	0.1	0.0	0.1
UNIVERSITY OF MASSACHUSETTS	0.0	0.0	0.0	0.0
UNIV OF MARYLAND	0.6	0.8	0.6	1.2
UNIVERSITY OF MAINE	0.0	0.0	0.0	0.0
UNIVERSITY OF MAINE	0.0	0.0	0.0	0.0
MICHIGAN STATE UNIV	1.1	2.5	0.2	1.8
UNIV OF MINNESOTA	1.1	1.6	0.6	0.4
MISSISSIPPI STATE UNIV	0.5	2.5	0.1	0.0
MS State University Extension Service	0.1	0.8	0.0	0.0
UNIVERSITY OF MISSOURI EXTENSION	0.0	0.0	0.0	0.0
MONTANA STATE UNIVERSITY	0.0	0.0	0.0	0.0
MONTANA STATE UNIVERSITY	0.0	0.0	0.0	0.0
NORTH CAROLINA STATE UNIV	0.0	0.0	0.0	0.0
NORTH CAROLINA A&T STATE UNIV	0.0	0.0	0.0	0.0
NDSD EXTENSION SERVICE	0.0	0.0	0.0	0.0
UNIVERSITY OF NEBRASKA - LINCOLN EXTENSION	0.0	0.0	0.0	0.0
UNIVERSITY OF NEVADA COOPERATIVE EXTENSION	0.0	0.0	0.0	0.0
UN Cooperative Extension	0.0	0.0	0.0	0.0
RUTGERS UNIVERSITY	0.3	0.0	0.0	0.0
NEW MEXICO STATE UNIV	0.0	2.0	0.0	1.0
NORTHERN MARIANAS COLLEGE	0.0	0.0	0.0	0.0
CORNELL UNIVERSITY	0.0	0.0	0.0	0.0
N Y AGRICULTURAL EXPT STATION	0.0	0.0	0.0	0.0
OHIO STATE UNIVERSITY EXTENSION	0.0	0.0	0.0	0.0
OKLAHOMA COOPERATIVE EXTENSION SERVICE	0.0	0.0	0.0	0.0
OREGON STATE UNIVERSITY EXTENSION SERVICE	0.0	0.0	0.0	0.0
PENNSYLVANIA STATE UNIVERSITY	0.4	1.4	0.0	0.0
UNIVERSITY OF PUERTO RICO EXTENSION	0.0	0.0	0.0	0.0
UNIVERSITY OF RHODE ISLAND	0.0	0.0	0.0	0.0
CLEMSON UNIVERSITY	0.0	0.0	0.1	0.0
CLEMSON UNIVERSITY COOPERATIVE EXTENSION	0.0	0.0	0.0	0.0
SOUTH DAKOTA STATE UNIVERSITY	0.2	1.6	2.0	0.4
UNIVERSITY OF TENNESSEE	0.0	0.0	0.0	0.0
UNIVERSITY OF TENNESSEE	0.0	0.0	0.0	0.0
TEXAS COOPERATIVE EXTENSION	0.0	0.0	0.0	0.0
UTAH STATE UNIVERSITY	0.0	0.5	0.0	0.0
UTAH STATE UNIVERSITY	0.0	0.0	0.0	0.0
VIRGINIA COOPERATIVE EXTENSION, VA POLYTECH INST.	0.0	0.0	0.0	0.0
UNIVERSITY OF THE VIRGIN ISLANDS	0.0	0.0	0.0	0.0
UNIVERSITY OF VERMONT EXTENSION	0.0	0.0	0.0	0.0
UNIV OF WISCONSIN	0.1	0.0	0.0	0.1
UNIVERSITY OF WISCONSIN - EXTENSION	0.0	0.0	0.0	0.0
WASHINGTON STATE UNIVERSITY EXTENSION	0.0	0.0	0.0	0.0
WEST VIRGINIA UNIVERSITY EXTENSION SERVICE	0.0	0.0	0.0	0.0
WEST VIRGINIA STATE UNIVERSITY	0.0	0.0	0.0	0.0
UNIV OF WYOMING COOPERATIVE EXTENSION SERVICE	0.0	0.0	0.0	0.0
TOTAL	6.8	29.9	8.1	13.9

AGRICULTURE AND FOOD RESEARCH INITIATIVE

Mr. Kingston: Please provide the name and location of each Agricultural Research Service unit that received an Agriculture and Food Research Initiative grant as the lead research institution.

Response: The information is submitted for the record.

[The information follows:]

Project Title	Name of Unit	Location of Unit	Amount Awarded
Predictive Modeling and Mitigation of the Effects of Climate Change on the Infestation Patterns of a Migratory Crop Pest Insect	Center for Medical, Agricultural, and Veterinary Entomology	Athens, GA	\$654,665
Development and field evaluation of genome-wide marker-assisted selection (GWAS) over multiple generations in commercial poultry	Avian Disease and Oncology Laboratory	East Lansing, MI	625,000
Implementation of Whole Genome Selection in the US Dairy and Beef Cattle Industries	Bovine Functional Genomics Laboratory	Beltsville, MD	625,000
Generation of a high density SNP chip for genomic analysis in rainbow trout	National Center for Cool and Cold Water Aquaculture	Leetown, WV	678,000
Structural and functional impacts of copy number variations on the cattle of genome	Bovine Functional Genomics Laboratory	Beltsville, MD	617,428
Rfamide Peptides Integrate the effect of Nutrition on the Gonadotropic Axis of the Gilt	U.S. Meat Animal Research Center	Clay Center, NE	415,936
Managing the emerging risk of trichinellosis in organic and free range pork	Animal Parasitic Diseases Laboratory	Beltsville, MD	266,226
Mitigating insect herbivory of warm-season bioenergy grasses-getting ahead of the curve	Grain, Forage and Bioenergy Research Unit	Lincoln, NE	199,548
The Impacts of Lignin Modification on Fungal Pathogen and Insect Interactions in Sorghum for Cellulosic and Thermal Bioenergy	Grain, Forage and Bioenergy Research Unit	Lincoln, NE	194,626
Rhizobacterial Community Structure and Function in A Dryland Agroecosystem	Root Disease & Biological Control Research Unit	Pullman, WA	497,000
Total			\$4,773,429

INTEGRATED PROGRAMS

Mr. Kingston: Please provide a list of each grant awarded through the National Institute of Food and Agriculture's integrated research program for fiscal years 2009 and 2010. Include the name and location of the recipient. Please categorize the information by program.

Response: The information is submitted for the record.

[The information follows:]

NIFA Integrated Program Awards for
Fiscal Years 2009 and 2010

FY Awarded	Program Name	Institution	State	Award Amount
2009	Critical Issues	Cornell University	NY	\$199,979
2009	Critical Issues	University of Florida Board of Trustees	FL	89,900
2009	Critical Issues	Colorado State University	CO	89,972
2009	Critical Issues	Oregon State University	OR	98,000
2009	Critical Issues	Colorado State University	CO	69,369
2009	Critical Issues	The Ohio State University	OH	29,974
				577,194
2010	Critical Issues	Rutgers, the State University of New Jersey	NJ	90,000
2010	Critical Issues	University of Florida	FL	90,000
2010	Critical Issues	Colorado State University	CO	172,307
2010	Critical Issues	The Ohio State University	OH	90,000
2010	Critical Issues	University of Florida	FL	89,958
2010	Critical Issues	Texas A&M Research Foundation	TX	127,620
				659,885
2009	Crops at Risk From FQPA Implementation	Virginia Polytechnic Institute & State University	VA	170,133
2009	Crops at Risk From FQPA Implementation	The Regents of the University of California, Santa Cruz	CA	260,309
2009	Crops at Risk From FQPA Implementation	Regents of the University Of California	CA	299,259
2009	Crops at Risk From FQPA Implementation	Michigan State University	MI	554,558
				1,284,259
2010	Crops at Risk From FQPA Implementation	Cornell University	NY	230,000
2010	Crops at Risk From FQPA Implementation	Montana State University	MT	218,419
2010	Crops at Risk From FQPA Implementation	University of Florida	FL	512,379
2010	Crops at Risk From FQPA Implementation	Cornell University	NY	330,995
				1,291,793
2009	FQPA Risk Mitigation Program for Major Food Crop Systems	Montana State University	MT	668,820
2009	FQPA Risk Mitigation Program for Major Food Crop Systems	The Board of Regents of the University of Wisconsin System	WI	811,565
2009	FQPA Risk Mitigation Program for Major Food Crop Systems	Regents of the University Of California	CA	627,600
2009	FQPA Risk Mitigation Program for Major Food Crop Systems	Washington State University	WA	2,048,490

NIFA Integrated Program Awards for
Fiscal Years 2009 and 2010

FY Awarded	Program Name	Institution	State	Award Amount
				4,156,475
2010	FQPA Risk Mitigation Program for Major Food Crop Systems	Texas AgriLife Extension Service	TX	225,598
2010	FQPA Risk Mitigation Program for Major Food Crop Systems	Oklahoma State University	OK	1,929,861
2010	FQPA Risk Mitigation Program for Major Food Crop Systems	Washington State University	WA	828,811
2010	FQPA Risk Mitigation Program for Major Food Crop Systems	Clemson University	SC	1,154,161
				4,138,437
2009	Regional Pest Management Centers	Regents of the University of California	CA	974,598
2009	Regional Pest Management Centers	NC State University	NC	974,598
2009	Regional Pest Management Centers	Board of Trustees of the University of Illinois	IL	975,598
2009	Regional Pest Management Centers	The Pennsylvania State University	PA	974,598
				3,899,392
2010	Regional Pest Management Centers	Regents of the University of California	CA	974,848
2010	Regional Pest Management Centers	North Carolina State University	NC	974,848
2010	Regional Pest Management Centers	Board of Trustees of the University of Illinois	IL	974,848
2010	Regional Pest Management Centers	The Pennsylvania State University	PA	974,848
				3,899,392
2009	International Science & Education Grants Program	North Carolina Agricultural and Technical State University	NC	149,261
2009	International Science & Education Grants Program	Alabama A & M University	AL	149,958
2009	International Science & Education Grants Program	University of Washington	WA	149,625
2009	International Science & Education Grants Program	University of Rhode Island	RI	149,723
2009	International Science & Education Grants Program	The University of Georgia	GA	149,885
2009	International Science & Education Grants Program	Purdue University	IN	149,746
2009	International Science & Education Grants Program	Cornell University	NY	149,355
2009	International Science & Education Grants Program	Texas A&M Research Foundation	TX	149,999
2009	International Science & Education Grants Program	Michigan State University	MI	143,849
2009	International Science & Education Grants Program	Rutgers, The State University of New Jersey	NJ	149,955
2009	International Science & Education Grants Program	The Curators of the University of Missouri	MO	139,905
2009	International Science & Education Grants Program	Auburn University	AL	149,807
2009	International Science & Education Grants Program	West Texas A&M University	TX	106,400

NIFA Integrated Program Awards for
Fiscal Years 2009 and 2010

FY Awarded	Program Name	Institution	State	Award Amount
2009	International Science & Education Grants Program	Clemson University	SC	149,546
2009	International Science & Education Grants Program	Kansas State University	KS	140,370
2009	International Science & Education Grants Program	Oregon State University	OR	149,999
2009	International Science & Education Grants Program	Tuskegee University	AL	145,119
2009	International Science & Education Grants Program	Mississippi State University	MS	149,625
2009	International Science & Education Grants Program	Regents of the University of Minnesota	MN	148,871
2009	International Science & Education Grants Program	The Pennsylvania State University	PA	149,993
2009	International Science & Education Grants Program	Texas Tech University	TX	149,572
2009	International Science & Education Grants Program	West Virginia University Research Corporation	WV	125,187
2009	International Science & Education Grants Program	The Board of Regents of the University of Wisconsin System	WI	<u>149,968</u>
				3,345,918
2010	International Science & Education Grants Program	East Carolina University	NC	148,456
2010	International Science & Education Grants Program	Albany University	AL	149,987
2010	International Science & Education Grants Program	University of Florida	FL	150,000
2010	International Science & Education Grants Program	Purdue University	IN	150,000
2010	International Science & Education Grants Program	North Carolina Agricultural and Technical State University	NC	149,973
2010	International Science & Education Grants Program	Cornell University	NY	149,764
2010	International Science & Education Grants Program	The University of Georgia Research Foundation, Inc.	GA	150,000
2010	International Science & Education Grants Program	The Board of Regents of the University of Wisconsin System	WI	149,940
2010	International Science & Education Grants Program	Arizona Board of Regents, University of Arizona	AZ	149,258
2010	International Science & Education Grants Program	Iowa State University of Science and Technology	IA	149,879
2010	International Science & Education Grants Program	University of Nevada, Reno	NV	149,997
2010	International Science & Education Grants Program	University of Kentucky Research Foundation	KY	150,000
2010	International Science & Education Grants Program	Michigan State University	MI	149,975
2010	International Science & Education Grants Program	Colorado State University	CO	149,899
2010	International Science & Education Grants Program	The Regents of the University of California	CA	147,454
2010	International Science & Education Grants Program	Clemson University	SC	148,058
2010	International Science & Education Grants Program	Southern University and A&M College	LA	150,000
2010	International Science & Education Grants Program	University of Wyoming	WY	<u>149,911</u>
				2,692,557
2009	Methyl Bromide Transitions Program	The University of Georgia Research Foundation, Inc.	GA	448,910

NIFA Integrated Program Awards for
Fiscal Years 2009 and 2010

FY	Program Name	Institution	State	Award Amount
Awarded				
2009	Methyl Bromide Transitions Program	The Pennsylvania State University	PA	668,187
2009	Methyl Bromide Transitions Program	North Carolina State University	NC	768,347
2009	Methyl Bromide Transitions Program	Washington State University	WA	696,339
2009	Methyl Bromide Transitions Program	University of Arkansas	AR	290,145
				2,891,928
2010	Methyl Bromide Transitions Program	The Regents of the University of California	CA	500,000
2010	Methyl Bromide Transitions Program	University of Florida	FL	565,000
2010	Methyl Bromide Transitions Program	Kansas State University	KS	782,019
2010	Methyl Bromide Transitions Program	University of Tennessee	TN	643,177
2010	Methyl Bromide Transitions Program	University of Florida	FL	400,000
				2,890,196
2009	Food Safety	Board of Regents, Univ of Nebraska, Univ of Nebraska-Lincoln	NE	599,992
2009	Food Safety	Drexel University	PA	598,752
2009	Food Safety	Oklahoma State University	OK	968,497
2009	Food Safety	California Polytechnic State University	CA	596,029
2009	Food Safety	Michigan State University	MI	599,939
2009	Food Safety	The Ohio State University	OH	999,989
2009	Food Safety	Regents of the University of Minnesota	MN	600,000
2009	Food Safety	Rutgers, The State University of New Jersey	NJ	600,000
2009	Food Safety	Colorado State University	CO	1,084,429
2009	Food Safety	University of Maryland	MD	599,924
2009	Food Safety	Alabama State University	AL	599,999
2009	Food Safety	The Board of Regents of the University of Wisconsin System	WI	600,000
2009	Food Safety	Iowa State University of Science and Technology	IA	598,607
2009	Food Safety	Tennessee State University	TN	599,668
2009	Food Safety	Regents of the University of California	CA	595,589
2009	Food Safety	Cornell University	NY	591,732
2009	Food Safety	University of Georgia	GA	598,541
2009	Food Safety	The Ohio State University	OH	597,841
2009	Food Safety	University of Tennessee	TN	596,287
2009	Food Safety	University of Illinois at Chicago	IL	599,999

NIFA Integrated Program Awards for
Fiscal Years 2009 and 2010

FY	Program Name	Institution	State	Award Amount
Awarded				
2009	Food Safety	University of Florida Board of Trustees	FL	<u>597,808</u> 13,823,822
2010	Food Safety	Texas Woman's University	TX	600,000
2010	Food Safety	University of Arkansas	AR	600,000
2010	Food Safety	University of Connecticut	CT	600,000
2010	Food Safety	Purdue University	IN	600,000
2010	Food Safety	Cornell University	NY	600,000
2010	Food Safety	Colorado State University	CO	600,000
2010	Food Safety	University of Delaware	DE	50,000
2010	Food Safety	Rutgers, The State University of New Jersey	NJ	600,000
2010	Food Safety	Texas A&M Research Foundation	TX	1,000,000
2010	Food Safety	The Ohio State University	OH	1,000,000
2010	Food Safety	Kansas State University	KS	600,000
2010	Food Safety	Virginia Polytechnic Institute and State University	VA	600,000
2010	Food Safety	Kansas State University	KS	2,000,000
2010	Food Safety	University of Illinois at Chicago	IL	600,000
2010	Food Safety	University of Florida Board of Trustees	FL	600,000
2010	Food Safety	Washington State University	WA	2,000,000
2010	Food Safety	Board of Regents, Univ of Nebraska, Univ of Nebraska-Lincoln	NE	554,302
2010	Food Safety	The Regents of the University of California	CA	50,000
2010	Food Safety	Cornell University	NY	<u>520,005</u> 13,774,307
2009	Organic Transition Program	North Carolina State University	NC	658,769
2009	Organic Transition Program	The Ohio State University Research Foundation	OH	659,527
2009	Organic Transition Program	Iowa State University of Science and Technology	IA	<u>433,568</u> 1,751,864
2010	Organic Transition Program	Board of Regents of the University of WI System,UW-Extension	WI	436,894
2010	Organic Transition Program	Texas AgriLife Extension Service	TX	697,012
2010	Organic Transition Program	University of Wyoming	WY	700,000
2010	Organic Transition Program	Board of Trustees of the University of Illinois	IL	649,883

NIFA Integrated Program Awards for
Fiscal Years 2009 and 2010

FY	Program Name	Institution	State	Award Amount
Awarded				
2010	Organic Transition Program	University of New Hampshire	NH	700,000
2010	Organic Transition Program	Iowa State University	IA	691,969
2010	Organic Transition Program	University of Florida	FL	624,148
2010	Organic Transition Program	North Carolina State University	NC	251,161
				<u>4,751,067</u>
2009	Water Quality	Colorado State University	CO	67,000
2009	Water Quality	Colorado State University	CO	600,000
2009	Water Quality	Iowa State University of Science and Technology	IA	575,000
2009	Water Quality	University of Maryland	MD	600,000
2009	Water Quality	Texas AgriLife Extension Service	TX	1,270,000
2009	Water Quality	Board of Regents of the University of WI System, UW-Extension	WI	610,000
2009	Water Quality	University of Idaho	ID	595,000
2009	Water Quality	University of Rhode Island	RI	1,090,000
2009	Water Quality	University of Idaho	ID	154,672
2009	Water Quality	South Dakota State University	SD	645,788
2009	Water Quality	Board of Regents of the University of WI System, UW-Extension	WI	143,000
2009	Water Quality	Purdue University	IN	300,000
2009	Water Quality	Arizona Board of Regents, University of Arizona	AZ	550,000
2009	Water Quality	Board of Regents, Univ of Nebraska, Univ of Nebraska-Lincoln	NE	544,500
2009	Water Quality	The Pennsylvania State University	PA	240,000
2009	Water Quality	Board of Trustees of the University of Illinois	IL	660,000
2009	Water Quality	NC State University	NC	228,000
2009	Water Quality	Colorado State University	CO	615,000
2009	Water Quality	University of Connecticut	CT	385,000
2009	Water Quality	The Board of Regents of the University of Wisconsin System	WI	629,000
2009	Water Quality	Washington State University	WA	566,610
2009	Water Quality	Kansas State University	KS	114,000
2009	Water Quality	University of Tennessee	TN	652,000
2009	Water Quality	Iowa State University of Science and Technology	IA	165,459
				<u>12,000,029</u>

NIFA Integrated Program Awards for
Fiscal Years 2009 and 2010

FY Awarded	Program Name	Institution	State	Award Amount
2010	Water Quality	University of Idaho	ID	1,190,000
2010	Water Quality	Board of Regents of the University of WI System, UW-Extension	WI	1,235,000
2010	Water Quality	University of Maryland	MD	1,200,000
2010	Water Quality	University of Rhode Island	RI	2,226,848
2010	Water Quality	Iowa State University of Science and Technology	IA	1,150,000
2010	Water Quality	Texas AgriLife Extension Service	TX	2,670,000
2010	Water Quality	Colorado State University	CO	1,225,000
2010	Water Quality	Arizona Board of Regents, University of Arizona	AZ	1,145,000
				12,041,848
2009	Regional Rural Development Centers	Mississippi State University	MS	312,256
2009	Regional Rural Development Centers	The Pennsylvania State University	PA	312,256
2009	Regional Rural Development Centers	Michigan State University	MI	312,256
2009	Regional Rural Development Centers	Utah State University	UT	312,256
				1,249,024
2010	Regional Rural Development Centers	The Pennsylvania State University	PA	312,256
2010	Regional Rural Development Centers	Michigan State University	MI	312,256
2010	Regional Rural Development Centers	Mississippi State University	MS	312,256
2010	Regional Rural Development Centers	Utah State University	UT	312,256
				1,249,024
2009	Food and Agriculture Defense Initiative	Arizona Board of Regents, University of Arizona	AZ	298,000
2009	Food and Agriculture Defense Initiative	The Regents of the University of California	CA	830,350
2009	Food and Agriculture Defense Initiative	The Regents of the University of California	CA	308,000
2009	Food and Agriculture Defense Initiative	Colorado State University	CO	298,000
2009	Food and Agriculture Defense Initiative	University of Florida Board of Trustees	FL	830,350
2009	Food and Agriculture Defense Initiative	Florida Department of Agriculture and Consumer Services	FL	298,000
2009	Food and Agriculture Defense Initiative	University of Georgia	GA	298,000
2009	Food and Agriculture Defense Initiative	Iowa State University of Science and Technology	IA	298,000
2009	Food and Agriculture Defense Initiative	Purdue University	IN	485,000
2009	Food and Agriculture Defense Initiative	Purdue University	IN	248,250

NIFA Integrated Program Awards for
Fiscal Years 2009 and 2010

FY Awarded	Program Name	Institution	State	Award Amount
2009	Food and Agriculture Defense Initiative	Purdue University	IN	50,000
2009	Food and Agriculture Defense Initiative	Kansas State University	KS	50,000
2009	Food and Agriculture Defense Initiative	Kansas State University	KS	830,350
2009	Food and Agriculture Defense Initiative	Murray State University	KY	50,000
2009	Food and Agriculture Defense Initiative	Louisiana State University	LA	298,000
2009	Food and Agriculture Defense Initiative	Michigan State University	MI	830,350
2009	Food and Agriculture Defense Initiative	Michigan State University	MI	50,000
2009	Food and Agriculture Defense Initiative	Regents of the University of Minnesota	MN	50,000
2009	Food and Agriculture Defense Initiative	Mississippi State University	MS	50,000
2009	Food and Agriculture Defense Initiative	North Carolina Department of Agriculture & Consumer Services	NC	298,000
2009	Food and Agriculture Defense Initiative	University of Nebraska-Lincoln, Board of Regents	NE	50,000
2009	Food and Agriculture Defense Initiative	New Jersey Department of Agriculture	NJ	50,000
2009	Food and Agriculture Defense Initiative	Regents of New Mexico State University	NM	50,000
2009	Food and Agriculture Defense Initiative	Cornell University	NY	298,000
2009	Food and Agriculture Defense Initiative	Cornell University	NY	980,350
2009	Food and Agriculture Defense Initiative	The Ohio Department of Agriculture	OH	50,000
2009	Food and Agriculture Defense Initiative	Oregon State University	OR	50,000
2009	Food and Agriculture Defense Initiative	Pennsylvania Department of Agriculture	PA	50,000
2009	Food and Agriculture Defense Initiative	South Dakota State University	SD	50,000
2009	Food and Agriculture Defense Initiative	State of Tennessee, Department of Agriculture	TN	50,000
2009	Food and Agriculture Defense Initiative	Texas Veterinary Medical Diagnostic Laboratory	TX	298,000
2009	Food and Agriculture Defense Initiative	Utah State University	UT	50,000
2009	Food and Agriculture Defense Initiative	Washington State University	WA	308,000
2009	Food and Agriculture Defense Initiative	University of Wisconsin Madison	WI	298,000
2009	Food and Agriculture Defense Initiative	University of Wyoming	WY	50,000
				9,431,000
2010	Food and Agriculture Defense Initiative	Arizona Board of Regents, University of Arizona	AZ	298,000
2010	Food and Agriculture Defense Initiative	Regents of the University of California, Davis	CA	853,182
2010	Food and Agriculture Defense Initiative	The Regents University of the California, Davis	CA	298,000
2010	Food and Agriculture Defense Initiative	Colorado State University	CO	298,000
2010	Food and Agriculture Defense Initiative	Florida Department of Agriculture and Consumer Services	FL	298,000

NIFA Integrated Program Awards for
Fiscal Years 2009 and 2010

FY Awarded	Program Name	Institution	State	Award Amount
2010	Food and Agriculture Defense Initiative	University of Florida	FL	975,899
2010	Food and Agriculture Defense Initiative	The University of Georgia Research Foundation, Inc.	GA	298,000
2010	Food and Agriculture Defense Initiative	Iowa State University of Science and Technology	IA	298,000
2010	Food and Agriculture Defense Initiative	Purdue University	IN	50,000
2010	Food and Agriculture Defense Initiative	Purdue University	IN	250,000
2010	Food and Agriculture Defense Initiative	Purdue University	IN	499,000
2010	Food and Agriculture Defense Initiative	Kansas State University	KS	50,000
2010	Food and Agriculture Defense Initiative	Kansas State University	KS	853,182
2010	Food and Agriculture Defense Initiative	Murray State University	KY	50,000
2010	Food and Agriculture Defense Initiative	Louisiana State University	LA	298,000
2010	Food and Agriculture Defense Initiative	Michigan State University	MI	50,000
2010	Food and Agriculture Defense Initiative	Michigan State University	MI	965,962
2010	Food and Agriculture Defense Initiative	Regents of the University of Minnesota	MN	50,000
2010	Food and Agriculture Defense Initiative	Mississippi State University	MS	50,000
2010	Food and Agriculture Defense Initiative	North Carolina Department of Agriculture & Consumer Services	NC	298,000
2010	Food and Agriculture Defense Initiative	Board of Regents, Univ of Nebraska, Univ of Nebraska-Lincoln	NE	50,000
2010	Food and Agriculture Defense Initiative	New Jersey Department of Agriculture	NJ	50,000
2010	Food and Agriculture Defense Initiative	New Mexico State University	NM	50,000
2010	Food and Agriculture Defense Initiative	Cornell University	NY	298,000
2010	Food and Agriculture Defense Initiative	Cornell University	NY	1,079,969
2010	Food and Agriculture Defense Initiative	The Ohio Department of Agriculture	OH	50,000
2010	Food and Agriculture Defense Initiative	Oregon State University	OR	50,000
2010	Food and Agriculture Defense Initiative	Pennsylvania Department of Agriculture	PA	50,000
2010	Food and Agriculture Defense Initiative	South Dakota State University	SD	50,000
2010	Food and Agriculture Defense Initiative	State of Tennessee, Department of Agriculture	TN	50,000
2010	Food and Agriculture Defense Initiative	Texas AgriLife Research	TX	298,000
2010	Food and Agriculture Defense Initiative	Utah State University	UT	50,000
2010	Food and Agriculture Defense Initiative	Washington State University	WA	308,000
2010	Food and Agriculture Defense Initiative	University of Wisconsin Madison	WI	298,000
2010	Food and Agriculture Defense Initiative	University of Wyoming	WY	50,000
				9,663,194

REGIONAL RURAL DEVELOPMENT CENTERS

Mr. Kingston: Please provide contact information for each of the regional rural development centers that receive funding through the National Institute of Food and Agriculture's integrated research program. How many people in each center are supported by the funding provided by the agency?

Response: The information is submitted for the record.

[The information follows:]

North Central Regional Center for Rural Development (NCRCRD)

<http://ncrcrd.org/WhoWeAre/CenterStaff.aspx>

Scott Loveridge, Ph.D

Director

517-432-9929

Portions of the following salaries and benefits are covered by funding from

NIFA: 2 staff members.

North East Regional Center for Rural Development (NERCRD)

<http://rrdc.info/ne.html>

Stephan J. Goetz, Ph.D.

Director

814-863-4656

Portions of the following salaries and benefits are covered by funding from

NIFA: Director and 5 staff members.

Southern Rural Development Center (SRDC)

<http://srdc.msstate.edu/>

Lionel J. Beaulieu, Ph.D.

Director

662-325-3207

Portions of the following salaries and benefits are covered by funding from

NIFA: Director and 4 staff members.

Western Rural Development Center (WRDC)

<http://www.wrdc.usu.edu/>

Don E. Albrecht, Ph.D.

Director

435-797-9732

Portions of the following salaries and benefits are covered by funding from

NIFA: Director and 3 staff members.