

**Fiscal Year 2010**  
**Agriculture, Rural Development, Food and Drug Administration and Related Agencies**

Name of Project	Project Funding Recipient	Purpose and Amount Requested	Location	Interest of the Taxpayer
Alluvial Floodplain Water Conservation	U.S. Department of Agriculture	The purpose is to provide \$1,000,000 to address water supply depletion in the Delta region.	Delta Region	These activities allow the Natural Resources Conservation Service to coordinate with local water management districts to implement long-term water management plans.
Aquaculture Centers	Mississippi State University	The purpose is to provide \$1,100,000 to develop more sustainable production practices in certain production regions.	National Program / Multi-State	The activities identify environmental challenges in certain aquaculture producing regions.
Aquaculture Research / U.S. Department of Agriculture	U.S. Department of Agriculture	The purpose is to provide \$4,492,000 to continue U.S. Department of Agriculture research focused on fish disease, improving feed utilization and production efficiency.	Stoneville, MS	These activities focus on reducing costs of production and improving the profitability of aquaculture production.
Basic Weather Service for Extension and Research	Mississippi State University	The purpose is to provide \$150,000 to continue the collection of weather data which is made available to improve crop production techniques.	Stoneville, MS	U.S. Department of Agriculture coordinates with University scientists to improve crop production and profitability.
Bay Springs Ecosciences Research Complex - Feasibility	U.S. Department of Agriculture (University of Mississippi)	The purpose is to provide \$1,250,000 to conduct a feasibility study to determine the costs and design of a proposed water research complex.	Oxford, MS	The funding requested would allow a particular research facility to consolidate activities and relocate to address constraints resulting from urban sprawl.
Biophotonics	U.S. Department of Agriculture (Mississippi State University)	The purpose is to provide \$1,500,000 to the U.S. Department of Agriculture to continue the use of imaging technologies and improve sustainability of livestock production in the Southeast.	Stoneville, MS	These activities identify best management practices for the purpose of improving livestock production.
Biotechnology Lab	U.S. Department of Agriculture (Alcorn State University)	The purpose is to provide \$1,500,000 to construct a Federal facility to support research activities focused on applying advanced technologies to solve environmental and agricultural challenges.	Lorman, MS	The funding requested would allow for consolidation of facilities / laboratories and expand research capabilities.

Biotechnology Research	Alcorn State University	The purpose is to provide \$824,000 to research problems associated with vegetable improvement using the genomic and biotechnological approaches.	Lorman, MS	These activities identify best management practices and improve the profitability of producing sweet potatoes.
Catfish Inspection and Grading	U.S. Department of Agriculture	The purpose is to provide \$16,200,000 to implement the recently enacted Food Safety Inspection Service fish inspection and grading program.	Indianola, MS	These activities will be used to inform consumers and help protect the food supply.
Center for Food Safety and Post Harvest Technology	U.S. Department of Agriculture (Mississippi State University)	To provide \$1,625,000 to the U.S. Department of Agriculture to protect the nation's food supply by identifying and reducing pathogenic microorganisms.	Stoneville, MS	These activities identify methods to protect the food supply.
Cogongrass	U.S. Department of Agriculture	The purpose is to provide \$500,000 to continue current U.S. Department of Agriculture activities to control the spread of cogongrass.	Jackson, MS	These activities reduce the spread of cogongrass which impacts livestock production and wildlife habitat.
Control of Red Imported Fire Ants	U.S. Department of Agriculture (Mississippi State University)	The purpose is to provide \$800,000 to the U.S. Department of Agriculture to continue research focused on the management of imported fire ants on agricultural, wildlife and urban areas.	Stoneville, MS	These activities improve the control of and reduce the economic and medical impacts of fire ants.
Corn Germplasm / Aflatoxin	U.S. Department of Agriculture (Mississippi State University)	The purpose is to provide \$2,100,000 to the U.S. Department of Agriculture to continue research focused on identifying corn germplasm that may serve as sources of genes for resistance to aflatoxin contamination.	Starkville, MS / Stoneville, MS	These activities protect corn producers from aflatoxin contamination which impacts the value of corn production.
Corn Resistance to Aflatoxin	Consortium of Corn Growers / Multi-State Universities	The purpose is to provide \$5,000,000 to conduct national research to protect the corn supply.	National Program / Multi-State	These activities would help prevent the corn supply from being adulterated by toxic compounds which pose a health threat to livestock and impact the profitability of corn producers.

Cotton Genomics and Breeding	U.S. Department of Agriculture (Mississippi State University)	The purpose is to provide \$700,000 to the U.S. Department of Agriculture to continue research focused on identifying biomarkers that increase the quality of cotton fiber.	Starkville, MS	These activities improve the quality and value of cotton and help producers compete with synthetic fibers in a global marketplace.
Cotton Ginning Laboratory	U.S. Department of Agriculture	The purpose is to provide \$300,000 to the U.S. Department of Agriculture to continue research focused on maintaining quality cotton fiber following the ginning process.	Stoneville, MS	These activities prevent loss of value as a result of ginning cotton.
Cotton Pests Eradication	U.S. Department of Agriculture	The purpose is to provide \$23,390,000 to continue U.S. Department of Agriculture pest eradication programs.	National Program / Multi-State	These activities protect the domestic cotton crop from destruction caused by pest invasion.
Curriculum Development and University Research	Mississippi Valley State University	The purpose is to provide \$1,500,000 to the Department of Agriculture to continue Mississippi Valley State University education and outreach programs.	Itta Bena, MS	These activities will help sustain current university curriculum development activities.
Delta Conservation Demonstration Center	Mississippi Water Conservation Commission	The purpose is to provide \$1,080,000 to continue research focused on natural resource conserving farming practices that may be applied to large scale farm operations.	Jackson, MS	These activities identify farming practices that protect natural resources without diminishing crop production.
Develop Soybean Production Systems	U.S. Department of Agriculture (Mississippi State University)	The purpose is to provide \$200,000 to the U.S. Department of Agriculture to review soybean production practices.	Stoneville, MS	These activities allow soybean producers to follow best management practices that lead to more profitable soybean production.
Development of Economic Alternative Refuges for Bt Cotton	U.S. Department of Agriculture (Mississippi State University)	The purpose is to provide \$160,000 to the U.S. Department of Agriculture to continue research to monitor certain crop pests and their ability to develop resistance to transgenic cropping systems.	Stoneville, MS	These activities monitor the effectiveness of transgenic cropping systems to assure proper plant characteristics.
Education and Outreach Program	National Wildlife Turkey Federation	The purpose is to provide \$400,000 to implement an educational and outreach program focused on identifying recreational activities for children and disabled individuals.	National Program / Multi-State	These activities introduce children and disabled individuals to outdoor recreational opportunities.

Food Animal Residue Avoidance Databank	U.S. Department of Agriculture	The purpose is to provide \$2,500,000 to continue the Food Animal Residue Avoidance Databank.	National Program	The Food Animal Residue Avoidance Databank provides critical information related to animal drug use and protecting the food supply.
Forestry Recovery Program	U.S. Department of Agriculture	The purpose is to provide \$800,000 to the U.S. Department of Agriculture to re-establish hardwood tree cover in areas impacted by the 2005 hurricane season.	Multi-State	These activities would allow for reforestation and to improve soil erosion.
Genomics for Southern Crop Stress and Disease	Mississippi State University	The purpose is to provide \$1,140,000 to continue the study of crop genomics for the purpose of improving agriculture production.	Starkville, MS	These activities improve crop production and help meet local and global demand for grains.
Geospatial Information Technology	Delta State University	The purpose is to provide \$300,000 to collect data related to wildlife populations.	Cleveland, MS	The data collected will provide much needed information to conservationists when developing wildlife habitat.
Health Care Services (2008 Farm Bill)	U.S. Department of Agriculture	The purpose is to provide \$3,000,000 to increase access and availability of healthcare in rural communities.	National Program	These activities allow health professionals to educate adults about preventive actions and enforce early childhood intervention.
Information Technology and Rural Development / Delta Rural Revitalization	Mississippi State University	The purpose is to provide \$250,000 to continue the collection of data and development of alternative economic development strategies.	Stoneville, MS	These activities help identify economic development strategies based on regional resources and workforce capabilities.
Jack Berryman Institute	U.S. Department of Agriculture (Mississippi State University)	The purpose is to provide \$1,200,000 to continue U.S. Department of Agriculture research to address wildlife damage management issues.	Starkville, MS / Logan, Utah	These activities educate the public about the wildlife damage and human-wildlife conflicts as urban and rural areas interface.
Jamie Whitten Delta States Research Center (U.S. Department of Agriculture Facility)	U.S. Department of Agriculture	The purpose is to provide \$5,000,000 to continue repairing and renovating the U.S. Department of Agriculture's Research Center.	Stoneville, MS	Federal funding is made available to repair and renovate a specific research facility owned and operated by the U.S. Department of Agriculture which was originally constructed in 1970.
Mississippi Conservation Initiative	U.S. Department of Agriculture	The purpose is to provide \$5,000,000 to the Natural Resources Conservation Service (USDA) to address conservation projects that meet eligibility requirements.	U.S. Department of Agriculture	These activities are made available to address unanticipated water quality and environmental concerns for the benefit of communities and their residents.

Mississippi Rural Health Corps	Mississippi State University	The purpose is to provide \$2,100,000 to increase the number of healthcare providers and educators in rural / underserved areas.	Starkville, MS	These activities help educate citizens about the impacts of heart disease and diabetes.
National Center for Natural Products Research	U.S. Department of Agriculture (University of Mississippi)	The purpose is to provide \$21,550,000 to research and develop natural products for use in pharmaceutical applications, dietary supplements and phase II construction costs.	Oxford, MS	These activities will continue research focused on the development of alternative crops for production of pharmaceuticals and botanical supplements.
National Food Service Management Institute	U.S. Department of Agriculture (University of Mississippi)	The purpose is to provide \$2,000,000 to the U.S. Department of Agriculture to increase the number of school feeding program trainers and nutrition education activities.	Oxford, MS	These activities continue current school nutrition research, education and training programs.
National Sedimentation Laboratory	U.S. Department of Agriculture (University of Mississippi)	The purpose is to provide \$2,300,000 to continue water research focused on reducing contaminants in water.	Oxford, MS	These activities will help protect the water supply.
National Veterinary Services Medical Act	U.S. Department of Agriculture (American Veterinarian Medical Association)	The purpose is to provide \$5,000,000 to continue veterinarian loan repayment incentives.	U.S. Department of Agriculture	These activities provide incentive for veterinarians to serve large animals in rural underserved areas.
Operation Oak Program	National Wildlife Turkey Federation	The purpose is to provide \$400,000 to continue a partnership with the Natural Resources Conservation Service to restore hardwood tree acreage.	National Program / Multi-State	These activities improve wildlife habitat and help control soil runoff.
Pilot Technology Transfer	Mississippi State University	The purpose is to provide \$143,000 to improve knowledge of emerging technologies and broadband telecommunications.	Starkville, MS	These activities prepare rural citizens for the workforce by improving technological knowledge and work related skills.
Poultry Systems Management	U.S. Department of Agriculture (Mississippi State University)	To provide \$2,200,000 to the U.S. Department of Agriculture to improve poultry production systems and animal care activities.	Starkville, MS	These activities improve poultry production practices by identifying best management practices.
Rural E-Commerce Extension Initiative	Mississippi State University	The purpose is to provide \$350,000 to continue the delivery of Extension-based e-commerce to small businesses and rural communities.	Starkville, MS	These activities provide incentives to rural areas for the purpose of increasing the availability of broadband technology.

Rural Systems	Jackson State University	The purpose is to provide \$1,000,000 to support the development of a national early warning system for bio-defense by gathering and disseminating real-time human and animal health data.	Jackson, MS	These activities will allow first responders to receive regional alerts and notifications.
Satellite and Computer-Based Technology for Agriculture	Mississippi State University	The purpose is to provide \$1,000,000 to continue the development of satellite and computer based technologies that improve precision farming practices.	Starkville, MS	These activities determine the effectiveness of computer based technologies to improve farm practices, protect the environment and increase profitability.
Southeastern ARS Technology Transfer Initiative	U.S. Department of Agriculture	The purpose is to provide \$250,000 to the U.S. Department of Agriculture to establish a technology transfer initiative.	Stoneville, MS	This initiative will allow entrepreneurs to cooperate with U.S. Department of Agriculture officials to commercialize new technology.
U.S. Shrimp Farming Program	University of Southern Mississippi	The purpose is to provide \$6,000,000 to continue the development of shrimp farming technologies.	National Program / Multi-State	These activities support the shrimp industry by identifying best management practices.
University Center for Biomass Based Energy	Mississippi State University	The purpose is to provide \$1,200,000 to develop a plant based gasification process which will produce liquid fuel.	Starkville, MS / Stillwater, OK	These activities focus on increasing the value of certain plants and increasing the supply of liquid fuel.
Vegetable and Ornamental Plant Production	U.S. Department of Agriculture (Mississippi State University)	The purpose is to provide \$1,000,000 to the U.S. Department of Agriculture to develop new and improved cultural and management practices for small fruit.	Poplarville, MS	These activities are focused on identifying best management practices for certain small fruits suitable for Gulf Coast States.
Wildlife Services	U.S. Department of Agriculture (Delta Council)	The purpose is to provide \$996,000 to continue U.S. Department of Agriculture operations to control nuisance animals.	U.S. Department of Agriculture	These activities allow the Department of Agriculture to prevent the loss of food crops and small area flooding on both Federal and private lands.
Wood Utilization Research	Mississippi State University	The purpose is to provide \$7,000,000 to continue a collaboration of University research focused on the competitiveness of small and medium wood product manufacturers.	National Program / Multi-State	This research identifies the most efficient manufacturing processes for both traditional and new forest products.