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Description of document: Department of Agriculture (DOA) Research, Education, and Economics (REE) list of active Agricultural Research Service (ARS) research projects, (current as of) January 2015

Request date: 10-December-2014

Released date: 12-January-2015

Posted date: 19-January-2015

Source of document: FOIA Officer, Research, Education and Economics (REE)  
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From: "Hutchison, Stasia"  
Date: Jan 12, 2015 12:20:31 PM  
Subject: RE: FOIA No. 2015-REE-01030-F

This is in response to your Freedom of Information Act (FOIA) request dated December 10, 2014, for a report generated from the ARIS database listing active ARS research projects. Your request was received in this office on December 10 and assigned FOIA No. 2015-REE-01030-F. Your request was perfected on December 18 and assigned an estimated response date of January 20.

Per our conversation on December 18, you requested: an electronic/digital copy of a report from the ARIS database listing all active appropriated research projects in the database to include:

Project Title  
Project Number  
Start Date  
Termination Date  
Funding  
Location  
Format: flat file spreadsheet such as an Excel File or CSV file

Attached is an Excel file of all active appropriated research projects in the ARIS database with the data fields you requested.

If you have any questions concerning your request, please contact this office.

Sincerely,

Stasia Hutchison  
FOIA/PA Office, REE, USDA  
5601 Sunnyside Avenue  
GWCC, Room 1-2248, Mail Stop 5128  
Beltsville, MD 20705-5128

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FY2015 Active Appropriated Projects  
(as of 1-7-15)

Project #	Project Title	FY2015 NTL	Start Date	Term Date	City	State
0500-00007-001-00D	MINOR USE PESTICIDES UMBRELLA PROJECT	\$302,332	10/1/2012	9/30/2017	BELTSVILLE	MD
0500-00008-001-00D	COCOA, COFFEE, AND ALTERNATIVE CROPS RESEARCH	\$444,532	10/1/2012	9/30/2017	BELTSVILLE	MD
0500-00013-001-00D	STAFFING AND OPERATION FOR NATIONAL CLONAL REPOSITORIES FOR PLANT GERMLASM	\$47,087	10/1/2013	9/30/2018	BELTSVILLE	MD
0500-00023-001-00D	EVALUATION OF GERMLASM OF HORTICULTURAL AND SUGARCROPS	\$250,264	10/1/2013	9/30/2018	BELTSVILLE	MD
0500-00024-001-00D	INFORMATION TRANSFER - GENETIC RESOURCES	\$43,113	7/1/2012	6/30/2017	BELTSVILLE	MD
0500-00034-001-00D	GLOBAL CHANGE RESEARCH	\$112,616	1/8/2013	1/7/2018	BELTSVILLE	MD
0500-00042-001-00D	POTATO RESEARCH	\$1,207,811	11/1/2010	10/31/2015	BELTSVILLE	MD
0500-00043-001-00D	COMBINED WATER QUALITY INITIATIVE	\$86,234	10/1/2010	9/30/2015	BELTSVILLE	MD
0500-00044-001-00D	AREA-WIDE MANAGEMENT OF AGRICULTURAL PESTS	\$4,721,278	11/15/2010	11/14/2015	BELTSVILLE	MD
0500-00053-001-00D	FUSARIUM HEAD BLIGHT OF WHEAT AND BARLEY	\$5,030,830	1/1/2013	12/31/2017	BELTSVILLE	MD
0500-00059-001-00D	Floriculture and Nursery Research Initiative	\$2,662,590	3/1/2014	2/28/2019	BELTSVILLE	MD
0500-00060-001-00D	SMALL FRUIT AND NURSERY RESEARCH	\$964,260	10/1/2009	9/30/2014	BELTSVILLE	MD
0500-00063-001-00D	BINATIONAL AGRICULTURAL RESEARCH AND DEVELOPMENT (BARD)	\$480,804	1/15/2010	1/14/2015	BELTSVILLE	MD
0500-00078-001-00D	Emerging Animal Diseases that Exist Offshore	\$178,819	3/1/2014	2/28/2019	BELTSVILLE	MD
0500-00080-001-00D	Air Quality Associated with Agricultural Operations (SDL)	\$564,906	3/1/2014	2/28/2019	BELTSVILLE	MD
0500-00082-001-00D	NATIONAL PLANT DISEASES RECOVERY SYSTEM	\$1,245,208	2/15/2014	2/14/2019	BELTSVILLE	MD
0500-00083-001-00D	WHEAT STRIPE RUST INITIATIVE	\$180,014	2/1/2011	1/31/2016	BELTSVILLE	MD
0500-00087-001-00D	HEALTHY EATING AND LIFESTYLE FOR TOTAL HEALTH (HEALTH)	\$3,522,793	7/1/2012	6/30/2017	BELTSVILLE	MD
0500-00090-001-00D	Forest Products Research	\$1,485,000	4/15/2014	4/14/2019	BELTSVILLE	MD
0500-00091-001-00D	Develop Alternatives to Antibiotics for Priority Diseases in Animal Agriculture	\$450,000	4/15/2014	4/14/2019	BELTSVILLE	MD
0500-00092-001-00D	Microbial Ecology of Antimicrobial Resistance	\$450,000	4/15/2014	4/14/2019	BELTSVILLE	MD
0500-00093-001-00D	Holding Project for Big Data Initiative	\$2,000,000	4/15/2014	4/14/2019	BELTSVILLE	MD
0201-22000-004-00D	BIOLOGICAL CONTROL ORGANISM DATABASES AND ASSESSMENTS	\$72,030	12/10/2010	12/9/2015	BELTSVILLE	MD
0206-22000-002-00D	DISCOVERY & DEVELOPMENT OF BIOLOGICAL CONTROL AGENTS FOR WEEDS/INSECT PESTS...INVASIVE IN THE U.S. NATIVE TO AUSTRALIA & SOUTHEAST ASIA	\$471,712	10/14/2010	10/13/2015	BELTSVILLE	MD
0206-22000-007-00D	DISCOVERY, IDENTIFICATION AND RISK-ASSESSMENT OF BIOCONTROL AGENTS FOR SUPPRESSION OF SOUTH AMERICAN INVASIVE WEEDS AND INSECTS IN THE U.S.	\$581,213	11/8/2010	11/7/2015	BELTSVILLE	MD
0212-22000-024-00D	DISCOVERY, BIOLOGY AND ECOLOGY OF NATURAL ENEMIES OF INSECT PESTS OF CROP AND URBAN AND NATURAL ECOSYSTEMS	\$1,650,065	11/24/2010	11/23/2015	MONTPELLIER	
0212-22000-025-00D	DISCOVERY AND EVALUATION OF CLASSICAL BIOLOGICAL CONTROL AGENTS FOR INVASIVE EURASIAN WEEDS AFFECTING AGRICULTURAL AND NATURAL AREAS	\$1,459,003	12/2/2010	12/1/2015	MONTPELLIER	
0212-22000-026-00D	FOREIGN EXPLORATION FOR NATURAL ENEMIES OF INVASIVE SPECIES	\$92,066	9/1/2010	8/31/2015	MONTPELLIER	
2020-42000-020-00D	Reducing Aflatoxin Contamination Using Biological Control and Crop Management	\$1,054,904	12/28/2010	12/27/2015	MARICOPA	AZ
2020-22620-021-00D	Sustainable Pest Management Strategies for Arid-land Crops	\$2,532,977	11/4/2010	11/3/2015	MARICOPA	AZ
2020-11000-010-00D	Predicting Impacts of Climate Change on Agricultural Systems and Developing Potentials for Adaptation	\$1,492,365	2/2/2010	2/1/2015	MARICOPA	AZ
2020-21000-012-00D	Molecular Genetic Analysis of Abiotic Stress Tolerance and Oil Production Pathways in Cotton, Bioenergy and Other Industrial Crops	\$1,262,341	3/26/2013	3/25/2018	MARICOPA	AZ
2020-21410-006-00D	Genetic Improvement and Phenotyping of Cotton, Bioenergy and Other Industrial Crops	\$758,651	6/16/2013	6/15/2018	MARICOPA	AZ
2020-13000-003-00D	Reuse of Treated Municipal Waste Water for Irrigation as a Means to Increase Alternative Water Supplies	\$680,308	1/29/2012	1/28/2017	MARICOPA	AZ
2020-13660-007-00D	Enhancing Water Conservation and Crop Productivity in Irrigated Agriculture	\$2,042,987	1/16/2012	1/15/2017	MARICOPA	AZ
2022-21000-017-00D	Understanding Honey Bee Microbiota to Improve Bee Nutrition and Colony Health	\$612,153	2/7/2014	2/6/2019	TUCSON	AZ
2022-21000-018-00D	Determining the Impacts of Pesticide- and Nutrition-Induced Stress on Honey Bee Colony Growth and Survival	\$1,655,080	2/7/2014	2/6/2019	TUCSON	AZ
2022-12660-005-00D	Soil Erosion, Sediment Yield, and Decision Support Systems for Improved Land Management on Semiarid Rangeland on Semiarid Rangeland Watersheds	\$1,195,554	2/27/2012	2/26/2017	TUCSON	AZ
2022-13610-011-00D	Ecohydrological Processes, Scale, Climate Variability, and Watershed Management	\$2,857,358	1/30/2012	1/29/2017	TUCSON	AZ
2030-32000-009-00D	Immunodiagnosics to Detect Prions and Other Important Animal Pathogens	\$1,546,503	3/1/2013	2/28/2018	ALBANY	CA
2030-42000-046-00D	Biology and Control of Human Pathogens on Fresh Produce	\$2,376,466	12/28/2010	12/27/2015	ALBANY	CA
2030-42000-047-00D	Molecular Biology of Human Pathogens Associated with Food	\$3,540,626	2/25/2011	2/24/2016	ALBANY	CA
2030-41000-053-00D	Optimization of the Nutritional, Functional, and Sensory Properties of Raw and Processed Legumes, Grains, and Specialty Crops	\$781,728	7/8/2010	7/7/2015	ALBANY	CA

FY2015 Active Appropriated Projects  
(as of 1-7-15)

Project #	Project Title	FY2015 NTL	Start Date	Term Date	City	State
2030-41000-057-00D	Reduction of Allergenicity through Food Processing	\$411,182	5/28/2012	5/27/2015	ALBANY	CA
2030-41000-063-00D	New Sustainable Processing Technologies to Produce Healthy, Value-Added Foods from Specialty Crops and their Co-Products	\$941,106	7/11/2010	7/10/2015	ALBANY	CA
2030-41430-011-00D	Improved Utilization of Ag. Products through Identification of Nitrogen-containing Bioactive Components Important to Quality & Human Health	\$781,728	6/13/2010	6/12/2015	ALBANY	CA
2030-41440-006-00D	Processing Technologies to Prevent Weight Gain and Obesity Related Metabolic Diseases	\$781,728	12/28/2010	12/27/2015	ALBANY	CA
2030-44000-010-00D	Quality Based Inspection and Sorting of Specialty Crops Using Imaging and Physical Methods	\$405,517	7/1/2010	6/30/2015	ALBANY	CA
2030-21000-019-00D	Enhancement of Wheat through Genomic and Molecular Approaches	\$686,098	5/13/2013	5/12/2018	ALBANY	CA
2030-21000-020-00D	Molecular Tools for Improved Crop Biotechnology	\$718,943	7/23/2013	7/22/2018	ALBANY	CA
2030-21000-021-00D	Small Grains Database and Bioinformatics Resources	\$1,101,796	5/14/2013	5/13/2018	ALBANY	CA
2030-21000-022-00D	Genetic Foundations for Bioenergy Feedstocks	\$638,590	8/15/2014	8/14/2016	ALBANY	CA
2030-21220-001-00D	Host-Specific Molecular Genetic Tools for Development of Disease-Resistant Crops	\$706,357	5/19/2013	5/18/2018	ALBANY	CA
2030-21430-013-00D	Improvement of Wheat Quality through Molecular Genetics	\$376,960	5/20/2013	5/19/2018	ALBANY	CA
2030-43000-028-00D	Molecular Analysis of Proteins Involved in Wheat Flour Quality and Allergenic Potential in Response to Environmental and Nutritional Stress	\$946,867	9/25/2013	9/24/2018	ALBANY	CA
2030-21410-020-00D	Improvement and Utilization of Natural Rubber- and Castor Oil-producing Industrial Crops	\$1,510,029	10/1/2010	9/30/2015	ALBANY	CA
2030-41000-054-00D	Technologies for Improving Industrial Biorefineries that Produce Marketable Biobased Products	\$1,870,892	10/1/2014	9/30/2019	ALBANY	CA
2030-41000-056-00D	Bioproducts from Agricultural Feedstocks	\$1,794,119	10/1/2010	9/30/2015	ALBANY	CA
2030-42000-037-00D	Chemical Approaches to Eliminate Fungal Contamination and Mycotoxin Production in Plant Products	\$1,668,736	2/10/2011	2/9/2016	ALBANY	CA
2030-42000-038-00D	Environmental and Ecological Approaches to Eliminate Fungal Contamination and Mycotoxin Production in Plant Products	\$1,170,974	2/6/2011	2/5/2016	ALBANY	CA
2030-42000-048-00D	Technologies for Detecting and Determining the Bioavailability of Bacterial Toxins	\$2,913,056	12/28/2010	12/27/2015	ALBANY	CA
2030-22000-024-00D	Landscape-Level Assessment and Management of Invasive Weeds and their Impacts in Agricultural and Natural Systems	\$1,177,809	4/8/2011	3/31/2016	ALBANY	CA
2030-22000-025-00D	Biological Control of Invasive Terrestrial and Riparian Weeds in the Far Western U.S. Region, with Emphasis on Thistles, Brooms and Cape-ivy	\$1,006,983	6/15/2010	6/14/2015	ALBANY	CA
2030-22000-026-00D	Aquatic and Riparian Weed Management to Protect U.S. Water Resources in the Far West United States	\$687,664	9/1/2010	8/31/2015	ALBANY	CA
2030-21000-035-00D	Identification and Analysis of Plant Architectural Genes in Maize	\$475,861	2/25/2013	2/24/2018	ALBANY	CA
2030-21000-037-00D	Molecular Biology of Pollen and Pollen-Pistil Interactions in Crop Plants	\$479,652	3/1/2013	2/28/2018	ALBANY	CA
2030-21000-039-00D	Characterizing Circadian Regulatory Networks in Grain Crops to Establish their Role in Development and Abiotic Responses	\$477,937	3/24/2013	3/23/2018	ALBANY	CA
2030-21000-041-00D	Signaling Pathways Regulating Plant Architecture	\$464,866	7/15/2013	7/14/2018	ALBANY	CA
2030-21000-042-00D	Molecular Mechanisms of Photoperception, Signaling and Gene Regulation by the Phytochrome Family	\$470,701	6/14/2013	6/13/2018	ALBANY	CA
2030-21000-046-00D	Molecular Mechanisms of Plant Defense Signaling	\$567,243	6/26/2013	6/25/2018	ALBANY	CA
2030-21430-008-00D	Molecular Genetics of Ethylene Biosynthesis	\$477,388	10/1/2010	9/30/2015	ALBANY	CA
2030-22000-008-00D	MANIPULATION OF PLANT DISEASE RESISTANCE GENES FOR IMPROVED CROP PROTECTION	\$475,943	4/23/2012	4/22/2017	ALBANY	CA
2032-21000-021-00D	Generation and Characterization of Novel Genetic Variation in Rice for the Enhancement of Grain Quality and Agronomic Performance	\$385,023	4/17/2013	4/16/2018	DAVIS	CA
2032-21000-022-00D	Improvement of Postharvest Performance of Ornamentals Using Molecular Genetic Approaches	\$260,371	12/15/2013	12/14/2018	DAVIS	CA
2032-21220-006-00D	Sustainable Vineyard Production Systems	\$1,076,633	1/24/2014	1/23/2018	DAVIS	CA
2032-22000-015-00D	Integrated Strategies for Advanced Management of Fruit, Nut, and Oak Tree Diseases	\$1,656,230	5/9/2012	5/8/2017	DAVIS	CA
2032-21000-020-00D	Management of Genetic Resources & Associated Information for Grape, Tree Fruit, Tree Nut, & Other Specialty Crops to Mediterranean Climates	\$1,339,130	3/8/2013	3/7/2018	DAVIS	CA
2032-51000-004-00D	Novel Functions and Biomarkers for Vitamins and Minerals	\$473,684	1/29/2014	1/28/2019	DAVIS	CA
2032-51530-022-00D	Improving Public Health by Understanding Diversity in Diet, Body, and Brain Interactions	\$3,081,852	3/16/2014	3/15/2019	DAVIS	CA
2032-51530-021-00D	Diet, Inflammation And Prevention Of Chronic Disease	\$536,017	1/22/2014	6/1/2015	DAVIS	CA
2032-53000-001-00D	Assessing the Impact of Diet on Inflammation in Healthy and Obese Adults in a Cross-Sectional Phenotyping Study and a Longitudinal Intervention Trial	\$2,714,120	1/18/2014	1/17/2019	DAVIS	CA
2034-21000-011-00D	Management of Arid Land Plant Genetic Resources and Associated Information	\$576,860	3/14/2013	3/13/2018	PARLIER	CA

FY2015 Active Appropriated Projects  
(as of 1-7-15)

Project #	Project Title	FY2015 NTL	Start Date	Term Date	City	State
2034-13000-011-00D	Developing Sustainable Cropping Systems to Improve Water Productivity and Protect Water and Soil Quality in Irrigated Agriculture	\$2,271,548	1/29/2012	1/28/2017	PARLIER	CA
2034-21220-006-00D	Genetic Improvement of Prunus and Vitis Scions and Rootstocks for Fruit Quality and Pest Resistance	\$984,559	6/14/2013	6/13/2018	PARLIER	CA
2034-22000-010-00D	Epidemiology and Management of Pierce's Disease and Other Maladies of Grape	\$3,980,910	4/12/2012	4/11/2017	PARLIER	CA
2034-22000-011-00D	Characterization, Epidemiology and Management Strategies of Citrus Tristeza Virus and Spiroplasma citri on Citrus in California	\$405,950	4/9/2012	4/8/2017	PARLIER	CA
2034-43000-036-00D	Maintaining Quality and Extending Shelf and Shipping Life of Fresh Fruit with No or Minimal Synthetic Pesticide Inputs	\$490,023	10/1/2010	9/30/2015	PARLIER	CA
2034-43000-037-00D	Chemical Alternatives to Methyl Bromide for Quarantine and Post-harvest Pests	\$1,466,560	11/13/2012	9/9/2015	PARLIER	CA
2034-43000-038-00D	Non-chemical Alternatives for Post-harvest Pests of Fresh Fruits, Dried Fruits, Tree Nuts, and Other Durable Commodities	\$1,142,983	5/10/2013	9/9/2015	PARLIER	CA
2036-12130-009-00D	Reducing contamination from agricultural chemicals	\$593,031	4/7/2010	4/6/2015	RIVERSIDE	CA
2036-32000-003-00D	Protection of Food and Water Supplies from Pathogen Contamination	\$564,924	4/3/2010	4/2/2015	RIVERSIDE	CA
2036-61000-015-00D	Effects of Agricultural Water Management and Land Use Practices on Regional Water Quality	\$884,034	2/6/2012	2/5/2017	RIVERSIDE	CA
2036-13210-010-00D	Crop Genetic Improvement and Crop Management in Irrigated Areas Affected by Salinity and Toxic Ions	\$1,022,049	12/23/2011	12/22/2016	RIVERSIDE	CA
2036-61000-016-00D	INTEGRATED FIELD SCALE MANAGEMENT SYSTEMS FOR USE OF DEGRADED WATERS	\$1,116,011	12/8/2011	12/7/2016	RIVERSIDE	CA
2036-21000-010-00D	Management and Characterization of Citrus and Date Genetic Resources and Associated Information	\$1,054,370	3/20/2013	3/19/2018	RIVERSIDE	CA
0500-00007-106-00D	Minor Use Pesticide Testing on Vegetables and Sugar Crops	\$199,976	10/1/2010	9/30/2015	SALINAS	CA
2038-21000-014-00D	Sugar Beet Germplasm Enhancement, Breeding, and Genetics	\$573,487	7/19/2013	7/18/2018	SALINAS	CA
2038-21220-005-00D	Genetic Enhancement of Lettuce, Spinach, Melon, and Related Species	\$1,750,591	4/22/2013	4/21/2018	SALINAS	CA
2038-21620-013-00D	Strategies to Improve Soil and Pest Management in Organic Vegetable and Strawberry Production Systems	\$308,819	11/8/2013	11/7/2018	SALINAS	CA
2038-22000-013-00D	Biology, Epidemiology and Management of Vector-Borne Viruses of Sugarbeet and Vegetable Crops	\$932,430	4/25/2012	4/24/2017	SALINAS	CA
2038-22000-015-00D	Detection and Management of Pathogens in Strawberry and Vegetable Production Systems	\$1,078,639	12/17/2013	8/31/2017	SALINAS	CA
2038-43000-004-00D	Chemical Alternatives to Methyl Bromide for Post-Harvest Pest Control on Perishable Commodities	\$225,258	12/10/2012	9/9/2015	SALINAS	CA
2040-22430-025-00D	Biology, Control, and Area-Wide Management of Fruit Flies and Other Quarantine Pests	\$3,919,722	1/12/2011	1/11/2016	HILO	HI
2040-43000-016-00D	Pre and Postharvest Treatment of Tropical and Other Commodities for Quarantine Security, Quality Maintenance, and Value Enhancement	\$1,969,913	12/20/2010	12/19/2015	HILO	HI
2040-21000-014-00D	Pacific Tropical/Subtropical Fruit and Nut Genetic Resource Management and Sustainable Production Systems	\$1,253,952	3/8/2013	3/7/2018	HILO	HI
2040-21000-015-00D	Molecular Resources for the Improvement of Tropical Ornamental and Fruit Crops	\$2,216,467	5/31/2013	5/30/2018	HILO	HI
2050-21000-029-00D	Genetic Resource Management of National Small Grains Collection and Associated Information	\$1,211,733	2/20/2013	2/19/2018	ABERDEEN	ID
2050-21000-030-00D	Analysis of the Biochemical Pathway and Genetics of Seed Phytate in Barley	\$306,715	2/6/2013	2/5/2018	ABERDEEN	ID
2050-21000-031-00D	Genetic Improvement of Barley and Oats for Enhanced Quality and Biotic Stress Resistance	\$1,611,051	3/21/2013	3/20/2018	ABERDEEN	ID
2050-21000-032-00D	Potato Genetic Improvement for Western U.S. Production	\$940,883	3/1/2013	2/28/2018	ABERDEEN	ID
2050-21310-004-00D	Improving Sustainability of Rainbow Trout Production by Integrated Development of Improved Grains, Feeds, and Trout	\$2,023,606	12/28/2009	12/27/2014	ABERDEEN	ID
2052-13610-010-00D	Understanding Snow and Hydrologic Processes in Mountainous Terrain with a Changing Climate	\$897,039	1/14/2012	1/13/2017	BOISE	ID
2052-13610-011-00D	Assessment, Conservation and Management of Rangelands in Transition	\$1,080,478	2/8/2013	2/7/2018	BOISE	ID
2054-12000-010-00D	Improving Nutrient Utilization in Western Irrigated Crop Production Systems	\$970,256	10/1/2011	10/31/2015	KIMBERLY	ID
2054-13000-008-00D	Soil and Water Conservation for Northwestern Irrigated Agriculture	\$1,635,496	12/6/2011	12/5/2016	KIMBERLY	ID
2054-21220-004-00D	Improved Sugar Beet Germplasm and Innovative Disease Management Approaches to Increase Yield and Reduce Product Losses	\$576,416	6/2/2013	6/1/2018	KIMBERLY	ID
2054-63000-001-00D	Assessing Atmospheric Emissions from Concentrated Animal Feeding Operations in the Pacific Northwest	\$1,087,525	6/3/2010	6/2/2015	KIMBERLY	ID
2056-31000-011-00D	Improving the Efficiency of Sheep Production in Western Rangeland Production Systems	\$1,343,469	10/8/2012	10/7/2017	DUBOIS	ID
2056-31610-005-00D	New Monitoring Technologies for Improving Rangeland Management	\$640,396	4/14/2013	4/13/2015	DUBOIS	ID
2060-13610-001-00D	Invasive Species Assessment and Control to Enhance Sustainability of Great Basin Rangelands	\$1,254,410	6/3/2013	6/2/2018	RENO	NV
2060-22000-023-00D	Ecological Interactions in Integrated and Biologically-Based Management of Invasive Plant Species in Western Rangelands	\$1,019,656	12/28/2010	12/27/2015	RENO	NV
2070-21630-001-00D	Restoring and Managing Great Basin Ecosystems	\$1,832,658	9/10/2012	9/9/2017	BURNS	OR
2070-22000-004-00D	Development of a Decision-support System for the Ecologically-based Management of Cheatgrass- and Medusahead-infested Rangeland	\$774,056	7/21/2010	7/20/2015	BURNS	OR
2072-21000-045-00D	Improvement of Biotic and Abiotic Stress Tolerance in Cool Season Grasses	\$994,681	2/26/2013	2/25/2018	CORVALLIS	OR

FY2015 Active Appropriated Projects  
(as of 1-7-15)

Project #	Project Title	FY2015 NTL	Start Date	Term Date	City	State
2072-21000-046-00D	Reducing the Impact of Diseases on Hop Production	\$721,997	6/16/2013	6/15/2018	CORVALLIS	OR
2072-21410-004-00D	Multi-Objective Optimization of a Profitable and Environmentally Sustainable Agriculture to Produce Food and Fiber in a Changing Climate	\$1,419,750	12/12/2013	12/11/2018	CORVALLIS	OR
2072-22000-038-00D	Disease Modeling and Genetic Approaches to Enhance Wheat and Grass Seed Crop Biosecurity	\$523,207	4/30/2012	4/29/2017	CORVALLIS	OR
2072-31000-003-00D	Determine Genetic Diversity and Develop Tools for Genetic Improvement of Oyster Stocks for the Pacific Northwest	\$327,335	3/1/2010	2/28/2015	CORVALLIS	OR
2072-63000-004-00D	Developing Methods to Improve Survival and Maximize Productivity and Sustainability of Pacific Shellfish Aquaculture	\$330,671	12/14/2014	12/13/2019	CORVALLIS	OR
0500-00007-104-00D	Minor Use Pesticide Testing on Floral and Nursery Crops	\$125,596	10/1/2010	9/30/2015	CORVALLIS	OR
2072-12220-004-00D	Improved Strategies for Management of Soilborne Diseases of Horticultural Crops	\$1,058,839	5/8/2012	5/7/2017	CORVALLIS	OR
2072-21000-047-00D	Improving the Quality of Grapes, Other Fruits, and their Products through Agricultural Management	\$1,094,336	11/16/2013	11/15/2018	CORVALLIS	OR
2072-21000-048-00D	Integrated Water and Nutrient Management Systems for Sustainable and High-Quality Production of Temperate Fruit and Nursery Crops	\$1,161,539	12/27/2013	12/26/2018	CORVALLIS	OR
2072-21220-002-00D	Genetic Improvement and Virus Management of Small Fruit Crops	\$825,392	3/21/2013	3/20/2018	CORVALLIS	OR
2072-22000-037-00D	Integrated Pest Management for Insect Pests of Horticultural Crops	\$568,817	2/23/2011	2/22/2016	CORVALLIS	OR
2072-22000-039-00D	Exotic and Emerging Plant Diseases of Horticultural Crops	\$1,137,024	5/14/2012	5/13/2017	CORVALLIS	OR
2072-21000-044-00D	Management of Temperate-Adapted Fruit, Nut, and Specialty Crop Genetic Resources and Associated Information	\$1,534,082	2/26/2013	2/25/2018	CORVALLIS	OR
2074-11120-003-00D	Improved Soil Management Practices for Tilled Summer Fallow in the Pacific Northwest	\$901,425	10/1/2011	9/30/2016	PENDLETON	OR
2074-21610-002-00D	Cultural Practices and Cropping Systems for Economically Viable and Environmentally Sound Oilseed Production in Dryland of Columbia Plateau	\$998,618	10/21/2013	10/20/2018	PENDLETON	OR
2080-21000-015-00D	Managing and Conserving Diverse Bee Pollinators for Sustainable Crop Production and Wildland Preservation	\$1,884,446	10/1/2013	9/30/2018	LOGAN	UT
2080-21000-014-00D	Develop Improved Plant Genetic Resources to Enhance Pasture and Rangeland Productivity in the Semiarid Regions of the Western U.S.	\$4,078,121	2/26/2013	2/25/2018	LOGAN	UT
2080-32630-012-00D	Understanding and Mitigating the Adverse Effects of Poisonous Plants on Livestock Production Systems	\$3,308,538	2/11/2013	2/10/2018	LOGAN	UT
2090-21000-030-00D	Genetic Improvement of Wheat and Barley for Resistance to Biotic and Abiotic Stresses	\$1,487,949	3/22/2013	3/21/2018	PULLMAN	WA
2090-22000-015-00D	Improved Control of Stripe Rust in Cereal Crops	\$529,335	3/28/2012	3/27/2017	PULLMAN	WA
2090-43440-006-00D	Enhance Wheat Quality, Functionality and Marketability in the Western U.S.	\$912,595	6/13/2010	6/12/2015	PULLMAN	WA
2090-32000-030-00D	Mitigating the Risk of Transmission and Environmental Contamination of Transmissible Spongiform Encephalopathies	\$2,226,641	10/18/2011	10/17/2016	PULLMAN	WA
2090-32000-031-00D	Control of Ovine Respiratory Disease through Genetic and Immunologic Mitigation of Pathogen Transmission and Disease	\$1,219,021	10/18/2011	10/17/2016	PULLMAN	WA
2090-32000-032-00D	Immunological Intervention of Malignant Catarrhal Fever Virus-Induced Disease in Ruminants	\$765,502	10/1/2011	9/30/2016	PULLMAN	WA
2090-32000-033-00D	Development of Strategies to Control Anaplasmosis	\$1,393,122	10/20/2011	10/19/2016	PULLMAN	WA
2090-32000-034-00D	Pharmacological and Immunologic Interventions Against Vector-Borne Bovine and Equine Babesiosis	\$1,177,131	10/6/2011	10/5/2016	PULLMAN	WA
2090-21000-025-00D	Temperate Forage Legume Genetic Resource Management, Characterization, and Evaluation	\$273,774	1/29/2013	1/28/2018	PULLMAN	WA
2090-21000-028-00D	Management of Plant Genetic Resources and Associated Information	\$2,520,814	3/19/2013	3/18/2018	PULLMAN	WA
2090-21000-031-00D	Enhancing Resistance to Diseases and Abiotic Stresses in Alfalfa	\$438,292	3/20/2013	3/19/2018	PULLMAN	WA
2090-21000-029-00D	Genetic Improvement of Cool Season Food Legumes	\$899,753	4/22/2013	4/21/2018	PULLMAN	WA
2090-21220-001-00D	Enhanced Disease and Abiotic Stress Resistance in Edible Legumes	\$745,858	4/25/2013	4/24/2018	PULLMAN	WA
2090-11000-006-00D	Mitigating Agricultural Sources of Particulate Matter and Greenhouse Gas Emissions in the Pacific Northwest	\$2,194,479	3/26/2010	3/25/2015	PULLMAN	WA
2090-21610-002-00D	Cultural Practices and Cropping Systems for Economically Viable and Environmentally Sound Oilseed Production in Dryland of Columbia Plateau	\$340,463	10/21/2013	10/20/2018	PULLMAN	WA
2090-22000-016-00D	Biology and Biological Control of Root Diseases of Wheat, Barley and Biofuel Brassicas	\$1,413,132	3/5/2012	3/4/2017	PULLMAN	WA
0500-00007-093-00D	Residue Analysis of Minor Use Pesticides	\$441,066	8/10/2010	8/9/2015	WAPATO	WA
0500-00007-094-00D	Field Testing of Minor Use Pesticides	\$151,827	9/1/2010	8/31/2015	WAPATO	WA
2092-21000-001-00D	Testing of Advanced Potato Germplasm for Biotic and Abiotic Resistances, Yield and Profitability Components	\$120,626	7/24/2011	7/23/2016	WAPATO	WA
2092-21220-001-00D	Potato Germplasm Improvement for Disease Resistance and Superior Nutritional Content	\$1,286,582	3/12/2013	3/11/2018	WAPATO	WA
2092-22000-020-00D	Bio-Rational Approaches to Manage Insect Pests of Potato Crops	\$965,586	10/11/2012	10/10/2017	WAPATO	WA
2092-22430-001-00D	Biorational Management of Insect Pests of Temperate Tree Fruits	\$2,805,208	12/28/2010	12/27/2015	WAPATO	WA
2094-21220-001-00D	Integration of Host-Genotype and Manipulation of Soil Biology for Soil-borne Disease Control in Agro-Ecosystems	\$921,330	11/25/2013	8/31/2017	WENATCHEE	WA
2094-43000-006-00D	Genetic, Metabolic, and Physiological Factors Regulating Deciduous Tree Fruit Quality	\$1,114,014	6/24/2010	6/23/2015	WENATCHEE	WA

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0500-00007-102-00D	Herbicide Efficacy Studies in Ornamental and Vegetable Crops	\$113,919	8/4/2010	8/3/2015	PROSSER	WA
2096-21660-003-00D	Enhancing Sustainability of Irrigated Specialty Crops and Biofuel Feedstock Production	\$914,496	9/12/2013	9/11/2018	PROSSER	WA
3010-12210-001-00D	SUSTAINABLE DRYLAND CROPPING SYSTEM FOR THE CENTRAL GREAT PLAINS	\$1,980,935	6/1/2011	3/31/2015	AKRON	CO
3012-21000-013-00D	Plant and Microbial Genetic Resource Preservation and Quality Assessment	\$2,423,777	5/13/2013	5/12/2018	FORT COLLINS	CO
3012-31000-005-00D	National Animal Germplasm Program	\$916,888	10/16/2012	10/15/2017	FORT COLLINS	CO
3012-21000-014-00D	Innovations that Improve the Efficiency and Effectiveness of Managing and Preserving Ex Situ Plant Germplasm Collections	\$1,485,878	6/13/2013	6/12/2018	FORT COLLINS	CO
3012-11000-010-00D	Management Practices to Mitigate Global Climate Change, Enhance Bio-Energy Production, Increase Soil-C Stocks & Sustain Soil Productivity...	\$2,567,116	6/3/2010	6/2/2015	FORT COLLINS	CO
3012-13000-007-00D	Management Strategies to Sustain Irrigated Agriculture with Limited Water Supplies	\$1,678,520	2/14/2012	2/13/2017	FORT COLLINS	CO
3012-13660-008-00D	Spatial Modeling of Agricultural Watersheds: Water and Nutrient Management and Targeted Conservation Effects at Field to Watershed Scales	\$1,358,929	2/9/2012	2/8/2017	FORT COLLINS	CO
3012-61660-007-00D	Enhanced System Models and Decision Support Tools to Optimize Water Limited Agriculture	\$1,013,486	10/1/2013	12/31/2015	FORT COLLINS	CO
3012-21220-009-00D	Multidisciplinary Approaches to Enhanced Sugar Beet Germplasm	\$1,005,622	7/29/2013	7/28/2018	FORT COLLINS	CO
3018-11000-005-00D	GLOBAL CHANGE IN SEMI-ARID RANGELANDS: ECOSYSTEM RESPONSES AND MANAGEMENT ADAPTATIONS	\$1,381,959	5/1/2010	4/30/2015	CHEYENNE	WY
3018-21610-001-00D	Improved Management to Balance Production and Conservation in Great Plains Rangelands	\$2,079,960	6/3/2013	6/2/2018	CHEYENNE	WY
3020-32000-005-00D	COUNTERMEASURES TO PREVENT, MITIGATE, AND CONTROL RIFT VALLEY FEVER (RVF)	\$916,199	2/1/2012	1/31/2017	MANHATTAN	KS
3020-32000-006-00D	BLUETONGUE VIRUS PATHOGENESIS, EPIDEMIOLOGY, AND CONTROL MEASURES	\$580,325	10/1/2012	2/28/2017	MANHATTAN	KS
3020-32000-007-00D	Ecology and Control of Insect Vectors	\$1,394,515	10/23/2014	10/22/2019	MANHATTAN	KS
3020-32000-008-00D	Predictive Biology of Emerging Vector-Borne Viral Diseases	\$895,500	4/17/2014	4/30/2017	MANHATTAN	KS
3020-44000-023-00D	IMPROVE GRAIN SORGHUM END-USE QUALITY & UTILIZATION BY IDENTIFYING THE PHYSICAL, CHEMICAL & ENVIRONMENTAL FACTORS RELATED TO FOOD & FEED...	\$892,794	7/7/2010	7/6/2015	MANHATTAN	KS
3020-44000-024-00D	BIOCHEMICAL AND PHYSICAL CHARACTERIZATION OF HARD WINTER WHEAT QUALITY FOR END-USE QUALITY	\$1,879,372	7/1/2010	6/30/2015	MANHATTAN	KS
3020-21000-010-00D	Genetic Improvement of Hard Winter Wheat to Biotic and Abiotic Stresses	\$2,484,108	5/31/2013	5/30/2018	MANHATTAN	KS
3020-43000-032-00D	ECOLOGY, GENOMICS, AND MANAGEMENT OF STORED PRODUCT INSECTS	\$2,692,477	5/3/2011	3/31/2016	MANHATTAN	KS
3020-43440-007-00D	PRESERVATION, ENHANCEMENT, AND MEASUREMENT OF GRAIN QUALITY AND MARKETABILITY	\$1,760,433	11/4/2010	11/3/2015	MANHATTAN	KS
3030-21630-003-00D	Adaptive Rangeland Management of Livestock Grazing, Disturbance, and Climatic Variation	\$1,568,583	1/31/2013	1/30/2018	MILES CITY	MT
3030-31000-017-00D	Alleviating Rate Limiting Factors that Compromise Beef Production Efficiency	\$2,186,469	10/23/2012	10/22/2017	MILES CITY	MT
3032-22000-016-00D	ECOLOGY AND MANAGEMENT OF GRASSHOPPERS AND OTHER INSECT PESTS IN THE NORTHERN GREAT PLAINS	\$1,180,694	1/3/2011	1/2/2016	SIDNEY	MT
3032-22000-017-00D	REDUCING THE IMPACT OF INVASIVE WEEDS IN NORTHERN GREAT PLAINS RANGELANDS THROUGH BIOLOGICAL CONTROL AND COMMUNITY RESTORATION	\$1,193,895	2/1/2011	1/31/2016	SIDNEY	MT
3032-13210-006-00D	Development of Ecologically-Sound Pest, Water and Soil Management Practices for Northern Great Plains Cropping Systems	\$2,446,617	8/5/2013	8/4/2018	SIDNEY	MT
3040-31000-090-00D	GENETIC RESEARCH TO ENHANCE EFFICIENT AND SUSTAINABLE PRODUCTION OF BEEF CATTLE AND SHEEP	\$2,208,367	8/1/2012	7/31/2017	CLAY CENTER	NE
3040-31320-012-00D	Genomic and Metagenomic Approaches to Enhance Efficient and Sustainable Production of Beef Cattle	\$3,645,841	2/5/2013	2/4/2018	CLAY CENTER	NE
3040-32000-031-00D	GENETIC AND BIOLOGICAL DETERMINANTS OF RESPIRATORY DISEASES OF RUMINANTS	\$1,792,877	10/1/2011	9/30/2016	CLAY CENTER	NE
3040-31430-005-00D	STRATEGIES TO OPTIMIZE MEAT QUALITY AND COMPOSITION OF RED MEAT ANIMALS	\$1,275,782	8/1/2012	7/31/2017	CLAY CENTER	NE
3040-32000-030-00D	PREVENTION OF PATHOGEN TRANSMISSION FROM ANIMAL MANURE TO FOOD, WATER, AND ENVIRONMENT	\$1,362,126	1/19/2011	1/18/2016	CLAY CENTER	NE
3040-42000-014-00D	PATHOGEN MITIGATION IN LIVESTOCK AND RED MEAT PRODUCTION	\$2,089,780	2/1/2011	1/31/2016	CLAY CENTER	NE
3040-42000-015-00D	EXPLORING GENOMIC DIFFERENCES AND ECOLOGICAL RESERVOIRS TO CONTROL FOODBORNE PATHOGENS	\$1,953,193	2/1/2011	1/31/2016	CLAY CENTER	NE
3040-31000-091-00D	IMPROVING SOW LIFETIME PRODUCTIVITY IN SWINE	\$1,674,434	7/31/2012	7/30/2017	CLAY CENTER	NE
3040-31000-094-00D	Genetic and Genomic Approaches to Improve Swine Reproductive Efficiency	\$1,279,060	6/1/2014	2/28/2018	CLAY CENTER	NE
3040-31000-092-00D	Improved Nutrient Efficiency of Beef Cattle and Swine	\$3,497,195	7/31/2012	7/30/2017	CLAY CENTER	NE
3040-31000-093-00D	STRATEGIES TO IMPROVE HEIFER SELECTION AND HEIFER DEVELOPMENT	\$893,334	7/31/2012	7/30/2017	CLAY CENTER	NE
3040-41630-001-00D	Management of Manure Nutrients, Environmental Contaminants, and Energy From Cattle and Swine Production Facilities	\$1,079,518	10/1/2010	9/30/2015	CLAY CENTER	NE
3042-11210-001-00D	MANAGEMENT STRATEGIES FOR MEETING AGRONOMIC, ENVIRONMENTAL, AND SOCIETAL CROP PRODUCTION DEMANDS	\$1,316,952	5/31/2011	5/30/2016	LINCOLN	NE
3042-12630-001-00D	ENVIRONMENTALLY SOUND MANURE MANAGEMENT FOR REDUCTION OF GAS EMISSIONS, NUTRIENTS, AND PATHOGENS	\$879,554	11/8/2010	10/13/2015	LINCOLN	NE

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3042-32000-010-00D	Integrated Management of Stable Flies	\$733,751	10/1/2014	9/30/2019	LINCOLN	NE
3042-21000-030-00D	Improving bioenergy and forage plants and production systems for the central U.S.	\$924,271	12/14/2012	12/13/2017	LINCOLN	NE
3042-21000-031-00D	Genetic Improvement of Winter Wheat for End-Use Quality and Disease Resistance	\$874,854	10/29/2013	9/30/2018	LINCOLN	NE
3042-21220-032-00D	Genetic Improvement of Sorghum for Non-Grain Energy Uses	\$882,123	2/6/2013	2/5/2018	LINCOLN	NE
3050-41000-008-00D	ENHANCING QUALITY, UTILITY, SUSTAINABILITY, ENVIRONMENTAL IMPACT OF COTTON AND ITS BYPRODUCTS THROUGH IMPROVEMENT IN HARVEST/GIN PROCESSING	\$1,713,784	7/8/2010	7/7/2015	LAS CRUCES	NM
3050-11210-007-00D	MANAGEMENT TECHNOLOGIES FOR CONSERVATION OF WESTERN RANGELANDS	\$5,180,573	9/25/2012	9/24/2017	LAS CRUCES	NM
3060-32000-013-00D	CHEMICAL AND BIOLOGICAL RESIDUES IN FOODS	\$1,287,971	2/8/2011	2/7/2016	FARGO	ND
3060-32000-014-00D	METABOLIC FATE OF CHEMICAL AND BIOLOGICAL CONTAMINANTS	\$1,201,717	2/3/2011	2/2/2016	FARGO	ND
3060-21220-027-00D	INSECT CRYOPRESERVATION, DORMANCY, GENETICS AND BIOCHEMISTRY	\$1,779,244	4/21/2011	3/31/2016	FARGO	ND
3060-21000-039-00D	Sunflower Genetic Improvement with Genes from Wild Crop Relatives and Domesticated Sunflower	\$2,024,884	5/14/2013	5/13/2018	FARGO	ND
3060-21220-026-00D	NOVEL WEED MANAGEMENT SOLUTIONS: A BASIS IN UNDERSTANDING BUD AND SEED DORMANCY	\$1,394,641	10/1/2010	9/30/2015	FARGO	ND
3060-21220-028-00D	SCLEROTINIA INITIATIVE	\$1,424,301	2/1/2012	1/31/2017	FARGO	ND
3060-21000-036-00D	Genetic Improvement of Barley	\$337,494	5/13/2013	5/12/2018	FARGO	ND
3060-21000-037-00D	Genetic Improvement of Durum and Spring Wheat for Quality and Resistance to Diseases and Pests	\$1,918,495	4/15/2013	4/14/2018	FARGO	ND
3060-22000-048-00D	HOST-PATHOGEN INTERACTIONS IN BARLEY AND WHEAT	\$675,000	3/21/2012	3/20/2017	FARGO	ND
3060-43440-011-00D	Enhancement of Hard Spring Wheat, Durum, and Oat Quality	\$966,794	6/3/2010	6/2/2015	FARGO	ND
3060-21000-040-00D	Physiological and genetic approaches to improving extractable sugar yield in sugarbeet	\$752,871	10/1/2013	9/30/2018	FARGO	ND
3060-21430-006-00D	IDENTIFICATION AND MANIPULATION OF POSTHARVEST PHYSIOLOGICAL AND MOLECULAR PROCESSES CONTROLLING POTATO NUTRITIONAL AND MARKET QUALITY	\$575,905	7/2/2010	7/1/2015	FARGO	ND
3060-22000-047-00D	Molecular Approaches for Improved Cercospora Leaf Spot Control in Sugarbeet	\$406,583	3/14/2012	3/13/2017	FARGO	ND
3060-43440-012-00D	IMPROVED POTATO MARKET QUALITY THROUGH GERMPLASM PROCESSING EVALUATIONS AND OPTIMIZED STORAGE TECHNOLOGIES	\$378,562	7/2/2010	7/1/2015	FARGO	ND
3062-51000-051-00D	Dietary Guidelines Adherence and Healthy Body Weight Maintenance	\$3,164,860	10/1/2014	9/30/2019	GRAND FORKS	ND
3062-51000-052-00D	Biology of Obesity Prevention	\$2,036,146	10/1/2014	9/30/2019	GRAND FORKS	ND
3062-51000-050-00D	Health Roles of Dietary Selenium in Obesity	\$2,036,146	10/1/2014	9/30/2019	GRAND FORKS	ND
3062-51000-053-00D	Food Factors to Prevent Obesity and Related Diseases	\$2,036,146	10/1/2014	9/30/2019	GRAND FORKS	ND
3064-11120-002-00D	SOIL AND GAS FLUX RESPONSE TO IMPROVED MANAGEMENT IN COLD, SEMIARID AGROECOSYSTEMS	\$1,479,997	6/20/2011	10/31/2015	MANDAN	ND
3064-21310-002-00D	New technologies to enhance sustainability of northern Great Plains grasslands	\$1,032,672	10/16/2012	10/15/2017	MANDAN	ND
3064-21660-003-00D	Management Strategies to Sustainably Intensify Northern Great Plains Agroecosystems	\$1,653,529	10/1/2013	9/30/2018	MANDAN	ND
3070-21610-001-00D	Integrated Forage Systems for Food and Energy Production in the Southern Great Plains	\$1,742,062	12/10/2012	12/9/2017	EL RENO	OK
3070-31630-006-00D	IMPROVING THE EFFICIENCY AND SUSTAINABILITY OF DIVERSIFIED FORAGE-BASED LIVESTOCK PRODUCTION SYSTEMS	\$1,415,628	10/1/2012	9/30/2017	EL RENO	OK
3070-11130-005-00D	ADAPTING SOIL AND WATER CONSERVATION TO MEET THE CHALLENGES OF A CHANGING CLIMATE	\$1,336,909	3/11/2012	3/10/2017	EL RENO	OK
3070-13000-011-00D	AGRICULTURAL LAND MANAGEMENT TO OPTIMIZE PRODUCTIVITY AND NATURAL RESOURCE CONSERVATION AT FARM AND WATERSHED SCALES	\$2,231,180	2/26/2012	2/15/2017	EL RENO	OK
3072-13000-009-00D	DEVELOPMENT OF SAFE, EFFICIENT ENGINEERING MEASURES FOR DESIGN, ANALYSIS, AND REHABILITATION OF HYDRAULIC STRUCTURES AND CHANNELS	\$866,566	1/19/2012	1/18/2017	STILLWATER	OK
3072-21000-008-00D	Identification, Characterization, and Development of Insect-Resistant Wheat, Barley, and Sorghum Germplasm	\$963,116	3/1/2013	2/28/2018	STILLWATER	OK
3072-21220-007-00D	Development of Improved Peanut Cultivars and Germplasm for the Southwest Peanut Region of the United States	\$669,972	2/5/2013	2/4/2018	STILLWATER	OK
3072-22000-015-00D	BIOLOGICALLY BASED MANAGEMENT OF CEREAL APHIDS	\$1,148,859	12/28/2010	12/27/2015	STILLWATER	OK
3074-21630-010-00D	Sustaining Southern Plains Landscapes through Plant Genetics and Sound Forage-Livestock Production Systems	\$2,218,609	1/1/2013	12/31/2017	WOODWARD	OK
3080-12620-003-00D	SOIL AND CROP MANAGEMENT SYSTEMS FOR IMPROVED NATURAL RESOURCE QUALITY AND EFFICIENCY	\$1,283,541	4/19/2011	10/31/2015	BROOKINGS	SD
3080-21220-005-00D	ECOLOGICALLY BASED PEST MANAGEMENT IN MODERN CROPPING SYSTEMS	\$1,540,783	1/26/2011	1/25/2016	BROOKINGS	SD
3090-13000-014-00D	IMPROVING WATER PRODUCTIVITY AND NEW WATER MANAGEMENT TECHNOLOGIES TO SUSTAIN RURAL ECONOMIES	\$5,248,954	1/26/2012	1/25/2017	BUSHLAND	TX
3090-31630-003-00D	DEVELOP TECHNOLOGIES TO PROTECT AIR QUALITY, MAINTAIN PRODUCTION EFFICIENCY & ENHANCE USE OF MANURE FROM SOUTHN GREAT PLAINS BEEF & DAIRY AG	\$1,598,401	6/14/2010	6/13/2015	BUSHLAND	TX
3091-21000-033-00D	Improved Forage and Alternative Use Grasses for the Southern U.S.	\$239,414	2/26/2013	2/25/2018	COLLEGE STATION	TX



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3091-21000-034-00D	Innovative Genetic Approaches to Sorghum Germplasm Improvement and Analysis of Traits Critical to Hybrid Development	\$412,001	2/20/2013	2/19/2018	COLLEGE STATION	TX
3091-21000-035-00D	Pecan Improvement through Breeding and Genetics	\$643,928	2/20/2013	2/19/2018	COLLEGE STATION	TX
3091-21000-036-00D	Management and Characterization of Pecan (Carya) Genetic Resources and Related Wild Populations	\$183,035	4/18/2013	4/17/2018	COLLEGE STATION	TX
3091-21000-037-00D	Conservation, Genetic Analyses, and Utilization of Cotton Genetic Resources	\$894,583	4/18/2013	4/17/2018	COLLEGE STATION	TX
3091-21000-038-00D	Developing Genomic and Genetic Tools for Exploiting Cotton Genetic Variation	\$529,468	3/28/2013	3/27/2018	COLLEGE STATION	TX
3091-22000-030-00D	CHARACTERIZATION AND IDENTIFICATION OF RESISTANCE IN SORGHUM TO FUNGAL PATHOGENS	\$216,741	3/21/2012	3/20/2017	COLLEGE STATION	TX
3091-32000-030-00D	INTERVENTIONS TO REDUCE FOODBORNE PATHOGENS IN SWINE AND CATTLE	\$2,256,245	12/7/2010	12/6/2015	COLLEGE STATION	TX
3091-32000-031-00D	A SYSTEMS BIOLOGY APPROACH TO UNDERSTANDING THE SALMONELLA-HOST INTERACTOME IN POULTRY AND SWINE	\$1,583,580	1/3/2011	1/2/2016	COLLEGE STATION	TX
3091-32000-032-00D	MICROBIAL INTERACTIONS AND MANAGEMENT APPROACHES TO REDUCE PATHOGENIC BACTERIA IN POULTRY	\$1,414,493	3/21/2011	3/20/2016	COLLEGE STATION	TX
3091-22000-032-00D	Aerial Application Technology for Sustainable Crop Production	\$1,551,140	12/1/2013	11/30/2018	COLLEGE STATION	TX
3091-22000-029-00D	ECOLOGICALLY BASED MANAGEMENT OF BOLL WEEVILS AND OTHER ROW CROP PESTS UNDER TRANSITION TO BOLL WEEVIL ERADICATION IN TEMPERATE REGIONS	\$1,594,789	12/17/2010	12/16/2015	COLLEGE STATION	TX
3091-22000-031-00D	COTTON DISEASE MANAGEMENT STRATEGIES FOR SUSTAINABLE COTTON PRODUCTION	\$1,605,908	4/9/2012	4/8/2017	COLLEGE STATION	TX
3092-51000-056-00D	Nutritional Metabolism in Mothers, Infants, and Children	\$2,756,965	3/23/2014	3/22/2019	HOUSTON	TX
3092-51000-057-00D	Pediatric Clinical Nutrition	\$2,288,561	3/23/2014	3/22/2019	HOUSTON	TX
3092-51000-058-00D	Childhood Obesity Prevention	\$2,914,892	3/23/2014	3/22/2019	HOUSTON	TX
3092-51000-059-00D	Developmental Determinants of Obesity in Infants and Children	\$3,060,250	3/23/2014	3/22/2019	HOUSTON	TX
3092-51000-060-00D	Molecular, Cellular, and Regulatory Aspects of Nutrition during Development	\$2,502,965	3/31/2014	3/30/2019	HOUSTON	TX
3094-32000-036-00D	Genomics of Livestock Pests	\$2,037,751	6/1/2014	5/31/2019	KERRVILLE	TX
3094-32000-037-00D	Innovative Technologies to Control Invasive Species that Impact Livestock	\$1,234,694	10/1/2014	9/30/2019	KERRVILLE	TX
3094-32000-038-00D	Flies Associated with Livestock Production Systems	\$885,754	10/1/2014	9/30/2019	KERRVILLE	TX
3094-32000-039-00D	Biology and Control of Ticks of Veterinary and Human Importance	\$935,000	10/1/2014	12/31/2014	KERRVILLE	TX
3094-32000-040-00D	Area-Wide Screwworm Eradication	\$1,124,384	10/1/2014	9/30/2019	KERRVILLE	TX
3096-21410-007-00D	ENHANCING PROFITABILITY & SUSTAINABILITY UPLAND COTTON, COTTONSEED, & COTTON BYPROD THROUGH IMPRVMENTS IN HARVESTING, GINNING, & MECH PROCESS	\$840,556	7/8/2010	7/7/2015	LUBBOCK	TX
3096-66000-003-00D	IMPROVING AIR QUALITY OF AGRICULTURAL OPERATIONS AND PROCESSES	\$255,642	9/1/2011	10/31/2015	LUBBOCK	TX
3096-21000-019-00D	Enhancing Plant Resistance to Water-Deficit and Thermal Stresses in Economically Important Crops	\$2,174,807	5/29/2013	5/28/2018	LUBBOCK	TX
3096-21000-020-00D	Genetic Enhancement of Sorghum as a Versatile Crop	\$1,270,314	3/1/2013	2/28/2018	LUBBOCK	TX
3096-12000-010-00D	SUSTAINABLE AGRO-ECOSYSTEMS THAT CONTROL SOIL EROSION AND ENHANCE THE ENVIRONMENT	\$1,031,585	6/28/2011	10/12/2015	LUBBOCK	TX
3096-13000-007-00D	MANAGING AND MODELING DEFICIT IRRIGATION AND LIMITED RAINFALL FOR CROP PRODUCTION IN SEMI-ARID REGIONS	\$1,791,267	12/22/2011	12/21/2016	LUBBOCK	TX
3096-32000-007-00D	Improving Immunity, Health, and Well-Being in Cattle and Swine	\$1,067,885	1/2/2013	1/1/2018	LUBBOCK	TX
3098-11220-006-00D	Grassland Productivity and Carbon Dynamics: Consequences of Change in Atmospheric CO2, Precipitation, and Plant Species Composition, ...	\$2,113,232	10/1/2014	9/30/2015	TEMPLE	TX
3098-13610-007-00D	ENHANCED MODELS AND CONSERVATION PRACTICES FOR WATERSHED RESOURCE MANAGEMENT AND ASSESSMENT	\$1,286,330	2/8/2012	2/7/2017	TEMPLE	TX
5010-22000-010-00D	SEMIOCHEMICALS FOR THE MANAGEMENT OF AGRICULTURAL PESTS	\$414,889	4/21/2011	3/31/2016	PEORIA	IL
5010-22410-014-00D	PRODUCTION, STABILIZATION AND FORMULATION OF MICROBIAL AGENTS AND THEIR NATURAL PRODUCTS	\$979,054	10/1/2010	9/30/2015	PEORIA	IL
5010-22410-015-00D	BIOCONTROL AGENT PRODUCTION AND DEPLOYMENT TECHNOLOGIES FOR THE INTEGRATED MANAGEMENT OF PLANT PATHOGENS	\$959,155	5/9/2012	5/8/2017	PEORIA	IL
5010-42000-047-00D	Identification and Validation of Insect and Disease Resistance Mechanisms to Reduce Mycotoxin Production in Midwest Corn	\$661,409	5/31/2013	5/30/2018	PEORIA	IL
5010-41000-156-00D	IMPROVED UTILIZATION OF PROTEINACEOUS CROP CO-PRODUCTS AND RESIDUES	\$1,231,736	8/9/2010	8/8/2015	PEORIA	IL
5010-41000-157-00D	NOVEL STARCH-BASED MATERIALS	\$899,109	8/9/2010	8/8/2015	PEORIA	IL
5010-41000-160-00D	MODIFICATION OF NATURAL POLYMERS BY NOVEL PROCESSES	\$1,295,314	12/17/2010	11/30/2015	PEORIA	IL
5010-44000-051-00D	VISCOELASTIC PROPERTIES AND POLYMER COMPOSITE APPLICATIONS OF NANO-MATERIALS DERIVED FROM AGRICULTURAL BYPRODUCTS AND FEEDSTOCKS	\$1,018,436	8/9/2010	8/8/2015	PEORIA	IL

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5010-41000-150-00D	DISCOVERY AND UTILIZATION OF BIOACTIVE COMPONENTS FROM NEW CROPS AND AGRICULTURAL CO-PRODUCTS	\$1,429,883	8/16/2010	8/15/2015	PEORIA	IL
5010-41000-151-00D	IMPROVING HUMAN HEALTH USING FUNCTIONAL FOOD INGREDIENTS FROM BY-PRODUCTS OF GRAIN MILLING INDUSTRIES USING INNOVATIVE TECHNOLOGIES	\$833,257	8/10/2010	8/9/2015	PEORIA	IL
5010-41000-152-00D	AMYLOSE HELICAL INCLUSION COMPLEXES FOR FOOD AND INDUSTRIAL APPLICATIONS	\$883,307	12/13/2010	12/12/2015	PEORIA	IL
5010-44000-050-00D	IMPROVING STABILITY AND HEALTHFULNESS OF U.S. COMMODITY VEGETABLE OILS AND PRODUCTS	\$1,179,868	6/2/2010	6/1/2015	PEORIA	IL
5010-41000-161-00D	Technologies for Improving Process Efficiencies in Biomass Refineries	\$1,380,705	8/9/2014	8/8/2019	PEORIA	IL
5010-41000-162-00D	Biochemical Technologies to Enable the Commercial Production of Biofuels from Lignocellulosic Biomass	\$705,042	8/21/2014	8/20/2019	PEORIA	IL
5010-41000-163-00D	Develop Technologies for Production of Platform Chemicals and Advanced Biofuels from Lignocellulosic Feedstocks	\$1,374,657	8/29/2014	8/28/2019	PEORIA	IL
5010-63000-005-00D	UNDERSTANDING THE ROLE OF COMMENSAL ANAEROBIC BACTERIA IN ODOR, EMISSIONS, AND ANTIBIOTIC RESISTANCE FROM STORED LIVESTOCK MANURE	\$430,550	1/4/2011	10/31/2015	PEORIA	IL
5010-22410-016-00D	Genomic Analyses and Management of Agricultural and Industrial Microbial Genetic Resources and Associated Information	\$603,200	4/24/2013	4/23/2018	PEORIA	IL
5010-42000-042-00D	GENETIC CONTROL OF FUSARIUM MYCOTOXINS TO ENHANCE FOOD SAFETY	\$1,073,616	1/19/2011	1/18/2016	PEORIA	IL
5010-42000-043-00D	PROTECTIVE ENDOPHYTES OF MAIZE THAT INHIBIT FUNGAL PATHOGENS AND REDUCE MYCOTOXIN CONTAMINATION	\$1,378,642	1/19/2011	1/18/2016	PEORIA	IL
5010-42000-044-00D	CONTROL OF FUMONISIN MYCOTOXIN CONTAMINATION IN MAIZE THROUGH ELUCIDATION OF GENETIC AND ENVIRONMENTAL FACTORS ... METABOLISM IN FUSARIUM	\$1,211,380	1/19/2011	1/18/2016	PEORIA	IL
5010-42000-045-00D	INNOVATIVE MATERIALS FOR USE IN MYCOTOXIN DETECTION	\$927,855	1/19/2011	1/18/2016	PEORIA	IL
5010-42000-046-00D	COMPARATIVE GENOMIC SYSTEMS FOR MOLECULAR DETECTION AND CONTROL OF TOXIGENIC FUSARIUM	\$1,346,927	1/19/2011	1/18/2016	PEORIA	IL
5010-41000-148-00D	VEGETABLE OIL-BASED FUELS, ADDITIVES AND COPRODUCTS	\$1,299,672	9/19/2009	9/18/2014	PEORIA	IL
5010-41000-155-00D	BIO-BASED LUBRICANTS FROM FARM-BASED RAW MATERIALS	\$522,146	8/9/2010	8/8/2015	PEORIA	IL
5010-41000-158-00D	DEVELOPMENT AND UTILIZATION OF NEW OILSEED CROPS AND PRODUCTS	\$1,429,779	8/11/2010	8/10/2015	PEORIA	IL
5010-41000-159-00D	FUNCTIONALIZATION OF VEGETABLE OILS FOR USE IN THE POLYMER, OLEOCHEMICAL, AND LUBRICANT INDUSTRIES	\$680,575	10/1/2010	9/30/2015	PEORIA	IL
5010-43000-007-00D	COORDINATED ANALYSIS OF SOYBEAN BREEDING GERMPLASM	\$166,200	5/24/2010	5/23/2015	PEORIA	IL
5010-41000-153-00D	NOVEL TECHNOLOGY FOR RENEWABLE RESOURCE UTILIZATION	\$1,434,957	8/10/2010	8/9/2015	PEORIA	IL
5010-41000-154-00D	NOVEL TECHNOLOGIES FOR PRODUCING RENEWABLE CHEMICALS AND POLYMERS FROM CARBOHYDRATES DERIVED FROM AGRICULTURAL FEEDSTOCKS	\$1,227,968	8/10/2010	8/9/2015	PEORIA	IL
5010-41000-164-00D	New Biobased Products and Improved Biochemical Processes for the Biorefining Industry	\$1,332,391	9/19/2014	9/18/2019	PEORIA	IL
5012-21000-025-00D	Maize Genetic Stock Management and Utilization	\$576,529	1/3/2013	1/2/2018	URBANA	IL
5012-21000-026-00D	Characterization, Management, and Utilization of Soybean Genetic Resources	\$1,019,811	3/1/2013	2/28/2018	URBANA	IL
5012-22000-021-00D	IMPROVED RESISTANCE TO SOYBEAN PATHOGENS AND PESTS	\$1,144,385	4/30/2012	4/29/2017	URBANA	IL
0500-00007-091-00D	MINOR USE WEED MANAGEMENT	\$13,432	7/17/2010	7/16/2015	URBANA	IL
5012-12220-008-00D	ECOLOGY, MANAGEMENT AND ENVIRONMENTAL IMPACT OF WEEDY AND INVASIVE PLANT SPECIES IN A CHANGING CLIMATE	\$1,063,915	10/1/2010	9/30/2015	URBANA	IL
5012-21000-027-00D	Identifying and Manipulating Key Determinants of Photosynthetic Production and Partitioning	\$1,743,866	5/31/2013	5/30/2018	URBANA	IL
5020-21000-007-00D	Identification, Characterization, and Deployment of Genes Important during Seed Development in Legumes	\$319,729	5/28/2013	5/27/2018	WEST LAFAYETTE	IN
5020-21220-012-00D	POPULATION DYNAMICS AND DISEASE MANAGEMENT OF SOYBEAN ROOT PATHOGENS	\$397,886	4/23/2012	4/22/2017	WEST LAFAYETTE	IN
5020-21220-013-00D	MOLECULAR MECHANISMS OF RESISTANCE TO WHEAT FUNGAL PATHOGENS	\$904,903	4/24/2012	4/23/2017	WEST LAFAYETTE	IN
5020-22000-017-00D	MOLECULAR MECHANISMS OF PLANT PATHOGEN INTERACTIONS IN CEREAL CROPS	\$609,334	4/2/2012	4/1/2017	WEST LAFAYETTE	IN
5020-22000-018-00D	Identification and Analysis of Host Resistance and Hessian Fly Response in Wheat	\$1,123,724	5/14/2013	5/13/2018	WEST LAFAYETTE	IN
5020-12000-013-00D	BIOGEOCHEMICAL PROCESSES AND SOIL MANAGEMENT IMPACTS ON SOIL EROSION, SOIL/AIR/WATER QUALITY, AND GREENHOUSE GAS EMISSIONS	\$1,292,096	10/1/2011	9/30/2015	WEST LAFAYETTE	IN
5020-12130-001-00D	ASSESSING CONSERVATION EFFECTS ON WATER QUANTITY AND QUALITY AT FIELD AND WATERSHED SCALES	\$1,261,487	12/21/2011	12/20/2016	WEST LAFAYETTE	IN
5020-32000-011-00D	Safeguarding Well-being of Food Producing Animals	\$1,140,459	4/1/2013	3/31/2018	WEST LAFAYETTE	IN
5020-32000-012-00D	Reducing Animal Stress and the Incidence or Prevalence of Human Pathogens through Enhanced Gastrointestinal Microbial and Immune Functions in Farm Animals	\$487,483	7/1/2014	9/30/2017	WEST LAFAYETTE	IN
5030-21000-060-00D	Disease Resistance Signaling in Cereal Crops	\$630,913	5/13/2013	5/12/2018	AMES	IA
5030-21000-061-00D	MaizeGDB: Enabling Access to Basic, Translational, and Applied Research Information	\$1,005,107	4/10/2013	4/9/2018	AMES	IA

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5030-21000-062-00D	SoyBase and the Legume Clade Database	\$2,205,281	3/21/2013	3/20/2018	AMES	IA
5030-21000-063-00D	Innovative Genetic Approaches for Improving Maize Germplasm for Product Quality and Adaption to Diverse Production Systems	\$1,018,524	5/13/2013	5/12/2018	AMES	IA
5030-21220-005-00D	Functional and Structural Genetic Analysis of Soybean and Other Legumes	\$1,045,382	4/9/2013	4/8/2018	AMES	IA
5030-22000-017-00D	ECOLOGICALLY-BASED MANAGEMENT OF INSECT PESTS OF CORN, WITH EMPHASIS ON CORN BORERS, ROOTWORMS, AND CUTWORMS	\$1,380,583	10/1/2010	9/30/2015	AMES	IA
5030-21000-058-00D	Management of Crop Genetic Resources and Associated Information	\$2,382,616	4/14/2013	4/13/2018	AMES	IA
5030-21000-059-00D	Genetic Enhancement of the U.S. Maize Genepool with Unadapted Maize Germplasm	\$1,212,638	2/5/2013	2/4/2018	AMES	IA
5030-11610-001-00D	MANAGEMENT OF AGRICULTURAL AND NATURAL RESOURCE SYSTEMS TO REDUCE ATMOSPHERIC EMISSIONS AND INCREASE RESILIENCE TO CLIMATE CHANGE	\$2,654,579	6/3/2010	6/2/2015	AMES	IA
5030-12000-013-00D	SOIL MANAGEMENT FOR ENHANCED AGRICULTURAL PRODUCTIVITY AND SUSTAINABLE BIOFUEL FEEDSTOCK PRODUCTION	\$1,207,148	4/25/2011	4/24/2016	AMES	IA
5030-13000-010-00D	MANAGING AGRICULTURAL WATER QUALITY IN FIELDS AND WATERSHEDS: NEW PRACTICES AND TECHNOLOGIES	\$3,244,985	4/17/2012	4/16/2017	AMES	IA
5030-21610-002-00D	Cropping Systems for Enhanced Sustainability and Environmental Quality in the Upper Midwest	\$1,790,938	8/5/2013	8/4/2018	AMES	IA
5030-31000-004-00D	ANIMAL AND MANURE MANAGEMENT FOR SUSTAINABLE PRODUCTION AND REDUCED ENVIRONMENTAL IMPACT	\$1,249,976	8/3/2010	8/2/2015	AMES	IA
5030-32000-102-00D	IDENTIFICATION OF HOST IMMUNE FACTORS AND INTERVENTION STRATEGIES FOR MASTITIS	\$1,180,531	10/1/2011	9/30/2016	AMES	IA
5030-32000-105-00D	IDENTIFICATION OF DISEASE MECHANISMS AND CONTROL STRATEGIES FOR BACTERIAL RESPIRATORY PATHOGENS IN CATTLE	\$3,033,679	10/1/2011	9/30/2016	AMES	IA
5030-32000-106-00D	INTERVENTION STRATEGIES TO CONTROL VIRAL DISEASES OF CATTLE	\$2,897,109	10/1/2011	9/30/2016	AMES	IA
5030-32000-104-00D	PREVENTION AND CONTROL STRATEGIES FOR TUBERCULOSIS IN CATTLE AND WILDLIFE RESERVOIRS	\$2,096,909	10/1/2011	9/30/2016	AMES	IA
5030-32000-107-00D	CONTROL, IMMUNOLOGY AND GENOMICS OF SPIROCHETE DISEASES	\$1,216,077	10/1/2011	9/30/2016	AMES	IA
5030-32000-110-00D	IMMUNOLOGY AND INTERVENTION STRATEGIES FOR JOHNE'S DISEASE	\$2,328,753	10/6/2011	10/5/2016	AMES	IA
5030-32000-111-00D	IDENTIFICATION OF DISEASE MECHANISMS AND DEVELOPMENT OF IMPROVED DIAGNOSTICS AND VACCINES FOR BRUCELLOSIS IN LIVESTOCK AND WILDLIFE	\$3,226,180	11/9/2011	11/8/2016	AMES	IA
5030-31320-003-00D	ANIMAL INTESTINAL MICROBIOMES, FOODBORNE PATHOGENS, AND ANTIMICROBIALS	\$3,416,970	12/16/2010	12/15/2015	AMES	IA
5030-32000-100-00D	PREVENTION AND CHARACTERIZATION OF PERSISTENT COLONIZATION BY E. COLI O157:H7 AND OTHER SHIGA TOXIN-PRODUCING E. COLI (STEC) IN CATTLE	\$1,617,736	12/28/2010	12/27/2015	AMES	IA
5030-32000-101-00D	MOLECULAR ANALYSIS OF SALMONELLA VIRULENCE, ANTIBIOTIC RESISTANCE, AND HOST RESPONSE	\$1,049,889	12/10/2010	12/9/2015	AMES	IA
5030-32000-103-00D	TRANSMISSION, DIFFERENTIATION, AND PATHOBIOLOGY OF TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHIES	\$4,036,464	10/1/2011	9/30/2016	AMES	IA
5030-32000-108-00D	INTERVENTION STRATEGIES TO CONTROL VIRAL DISEASES OF SWINE	\$4,384,238	10/19/2011	10/18/2016	AMES	IA
5030-32000-109-00D	STRATEGIES TO CONTROL AND PREVENT BACTERIAL INFECTIONS IN SWINE	\$1,556,397	10/6/2011	10/5/2016	AMES	IA
5040-12630-004-00D	Efficient Management and Use of Animal Manure to Protect Human Health and Environmental Quality	\$2,621,243	10/1/2010	9/30/2015	BOWLING GREEN	KY
5042-21000-002-00D	Sustainable Forage-Based Production for the Mid-South Transition Zone	\$1,036,600	2/8/2013	2/7/2018	LEXINGTON	KY
5042-32630-002-00D	Optimizing the Biology of the Animal-Plant Interface for Improved Sustainability of Forage-Based Animal Enterprises	\$1,668,204	10/15/2012	10/14/2017	LEXINGTON	KY
5050-21220-015-00D	Genetic Dissection of Traits for Sugar Beet Improvement	\$811,565	4/25/2013	4/24/2018	EAST LANSING	MI
5050-21430-010-00D	Genetic Enhancement of Dry Bean Nutritional and Processing Qualities	\$246,900	7/23/2013	7/22/2018	EAST LANSING	MI
5050-43640-001-00D	TECHNOLOGIES FOR QUALITY MEASUREMENT AND GRADING OF FRUITS AND VEGETABLES	\$436,064	7/7/2010	7/6/2015	EAST LANSING	MI
5050-31320-009-00D	EMPLOYING GENOMICS, EPIGENETICS, AND IMMUNOGENETICS TO CONTROL DISEASES INDUCED BY AVIAN TUMOR VIRUSES	\$1,695,080	8/2/2012	8/1/2017	EAST LANSING	MI
5050-32000-016-00D	GENETIC AND BIOLOGICAL DETERMINANTS OF AVIAN TUMOR VIRUS PATHOGENICITY, TRANSMISSION, AND EVOLUTION	\$1,817,753	10/1/2011	9/30/2016	EAST LANSING	MI
5060-11610-001-00D	ADVANCING SUSTAINABLE AND RESILIENT CROPPING SYSTEMS FOR THE SHORT GROWING SEASONS AND COLD, WET SOILS OF THE UPPER MIDWEST	\$1,943,867	5/10/2010	5/9/2015	MORRIS	MN
5060-21220-005-00D	Enhancing Cropping System Sustainability Through New Crops and Management Strategies	\$585,721	10/29/2013	10/28/2018	MORRIS	MN
5062-21220-021-00D	CEREAL RUST FUNGI: GENETICS, POPULATION BIOLOGY, AND HOST-PATHOGEN INTERACTIONS	\$2,151,431	4/11/2012	4/10/2017	ST. PAUL	MN
5062-22000-024-00D	FUSARIUM HEAD BLIGHT OF CEREALS: PATHOGEN BIOLOGY AND HOST RESISTANCE	\$510,576	4/11/2012	4/10/2017	ST. PAUL	MN
5062-12210-002-00D	Enhanced Alfalfa Germplasm and Genomic Resources for Yield, Quality, and Environmental Protection	\$1,318,122	3/1/2013	2/28/2018	ST. PAUL	MN
5062-21000-029-00D	Functional Genomics for Improving Nutrients and Quality in Alfalfa and Soybean	\$454,449	4/29/2013	4/28/2018	ST. PAUL	MN
5062-21000-030-00D	Genetics and Genomics for Improving Spring Wheat with Disease Resistance	\$281,444	3/19/2013	3/18/2018	ST. PAUL	MN
5062-21000-031-00D	Genomics, Germplasm Evaluation, and Genetic Improvement in Oats	\$247,078	4/14/2013	12/31/2015	ST. PAUL	MN

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5062-12000-008-00D	INCREASING SUSTAINABILITY AND MITIGATING GREENHOUSE GAS EMISSIONS OF FOOD AND BIOFUEL PRODUCTION SYSTEMS OF THE UPPER MIDWEST U.S.	\$664,706	3/25/2011	3/24/2016	ST. PAUL	MN
5062-12130-006-00D	PRACTICES TO PROTECT WATER QUALITY AND CONSERVE SOIL AND WATER RESOURCES IN AGRONOMIC AND HORTICULTURAL SYSTEMS IN THE NORTH CENTRAL US	\$1,049,220	6/21/2012	6/20/2017	ST. PAUL	MN
5070-22000-035-00D	DEVELOPMENT OF HIGH QUALITY, COST-EFFECTIVE, MASS-REARED BIOCONTROL AGENTS FOR SMALL AND URBAN FARMS, ORGANIC FARMS AND GREENHOUSES	\$888,888	8/19/2010	8/18/2015	COLUMBIA	MO
5070-22000-036-00D	EICOSANOID-MEDIATED AND MOLECULAR IMMUNE SIGNALING INHIBITORS IN PIERCING/SUCKING INSECT PESTS OF SMALL AND URBAN VEGETABLE FARMS	\$673,029	2/1/2011	1/31/2016	COLUMBIA	MO
5070-12130-005-00D	IMPROVING WATER QUALITY IN AGRICULTURAL WATERSHEDS UNDERLAIN BY CLAYPAN AND RESTRICTIVE LAYER SOILS	\$2,352,075	1/26/2012	1/25/2017	COLUMBIA	MO
5070-12610-002-00D	LANDSCAPE-BASED CROP MANAGEMENT FOR FOOD, FEED, AND BIOENERGY	\$968,171	6/27/2011	10/31/2015	COLUMBIA	MO
5070-13610-003-00D	IMPROVING IRRIGATION MANAGEMENT FOR HUMID AND SUB-HUMID CLIMATES	\$622,150	4/24/2012	4/23/2017	COLUMBIA	MO
5070-21000-036-00D	Modification of Soybeans for Food, Feed, and Industrial Applications	\$1,198,881	3/26/2013	3/25/2018	COLUMBIA	MO
5070-21000-037-00D	Functional Genomics for Evaluating Genes and Gene Regulatory Networks of Soybean Quality Traits	\$281,608	3/26/2013	3/25/2018	COLUMBIA	MO
5070-21000-038-00D	Genetics and Genomics of Complex Traits in Grain Crops	\$1,407,853	3/26/2013	3/25/2018	COLUMBIA	MO
5070-21000-039-00D	Soybean Seed Improvement Through Quantitative Analysis of Phenotypic Diversity in Response to Environmental Fluctuations	\$653,640	7/23/2013	7/22/2018	COLUMBIA	MO
5070-21220-007-00D	PLANT RESISTANCE, BIOLOGY, AND RESISTANCE MANAGEMENT OF CORN PESTS, WITH EMPHASIS ON WESTERN CORN ROOTWORM	\$370,696	2/10/2011	2/9/2016	COLUMBIA	MO
5080-13000-010-00D	INTEGRATED DRAINAGE WATER & AGRONOMIC MGMT STRATEGIES FOR ENVIRONMENTAL PROTECTION & SUSTAINABLE AGRICULTURAL PRODUCTION IN THE MIDWEST U.S.	\$701,852	12/22/2011	12/21/2016	COLUMBUS	OH
5080-13000-011-00D	ENVIRONMENTAL EFFECTS & SERVICES RESULTING FROM PREVAILING & INNOVATIVE LAND USE & MNGMT PRACTICES WITHIN POORLY DRAINED MIDWEST LANDSCAPES	\$752,078	12/23/2011	12/22/2016	COLUMBUS	OH
0500-00007-092-00D	MINOR USE PESTICIDE-FOOD/ORNAMENTALS	\$206,858	7/17/2010	7/16/2015	WOOSTER	OH
5082-21000-017-00D	Development of Technologies and Strategies for Sustainable Crop Production in Containerized and Protected Horticulture Systems	\$1,560,557	10/29/2013	10/28/2018	WOOSTER	OH
5082-21620-009-00D	Improved Pest Control Application Technologies for Sustainable Crop Protection	\$868,454	10/29/2013	10/28/2018	WOOSTER	OH
5082-22000-012-00D	MANAGEMENT OF INSECTS THAT ATTACK HORTICULTURAL, TURF, AND NURSERY CROPS	\$427,867	12/28/2010	12/27/2015	WOOSTER	OH
5082-21000-016-00D	Improvement of Biotic Stress Resistance and Quality Traits in Soybeans	\$291,998	11/15/2013	11/14/2018	WOOSTER	OH
5082-22000-013-00D	CONTROL OF VIRUS DISEASES IN CORN AND SOYBEAN	\$609,568	5/22/2012	5/21/2017	WOOSTER	OH
5082-43440-007-00D	GENETIC AND BIOCHEMICAL BASIS OF SOFT WINTER WHEAT QUALITY	\$870,423	7/22/2010	7/21/2015	WOOSTER	OH
5090-21000-059-00D	Physiology and Biochemistry of Carbohydrate Metabolism in Cereal Tissues	\$475,571	5/31/2013	5/30/2018	MADISON	WI
5090-21000-061-00D	Analysis of Phytochemical Metabolism in Oat and Barley	\$624,867	6/13/2013	6/12/2018	MADISON	WI
5090-21430-009-00D	IMPROVEMENT OF BARLEY SEED QUALITY THROUGH MOLECULAR AND FUNCTIONAL GENOMIC ANALYSIS OF GENE EXPRESSION	\$684,579	10/1/2010	9/30/2015	MADISON	WI
5090-43440-005-00D	IDENTIFYING THE NEXT GENERATION OF MALTING BARLEY THROUGH IMPROVED SELECTION CRITERIA AND QUALITY ANALYSIS OF BREEDING LINES	\$667,795	6/13/2010	6/12/2015	MADISON	WI
5090-21000-054-00D	GENETIC EXCHANGE AND GENE FLOW RISKS FROM PLANTS IN AGRICULTURE	\$414,131	10/1/2010	4/30/2015	MADISON	WI
5090-21000-057-00D	Potato Genetic Resource Management, Characterization, and Evaluation	\$664,948	4/24/2013	4/23/2018	MADISON	WI
5090-21000-058-00D	Genetic Characterization, Taxonomy, and Acquisition of Genetic Resources for Carrot, Potato, and Their Related Wild Species	\$338,665	3/12/2013	3/11/2018	MADISON	WI
5090-21000-062-00D	Genetic Enhancement of Allium, Cucumis, and Daucus Germplasm	\$917,679	3/12/2013	3/11/2018	MADISON	WI
5090-21220-002-00D	Resources for the Genetic Improvement of Potato	\$783,870	3/20/2013	3/19/2018	MADISON	WI
5090-21220-003-00D	Cranberry Genetic Improvement and Insect Pest Management	\$690,823	10/1/2013	9/30/2018	MADISON	WI
5090-21000-055-00D	Removing Limitations to the Efficient Utilization of Alfalfa and Other Forages in Dairy Production, New Bio-Products, and Bioenergy to...	\$1,893,767	1/25/2013	1/24/2018	MADISON	WI
5090-31000-024-00D	Determining Influence of Microbial, Feed, and Animal Factors on Efficiency of Nutrient Utilization and Performance in Lactating Dairy Cows	\$2,197,733	10/10/2012	10/9/2017	MADISON	WI
5090-21000-056-00D	Redesigning Forage Genetics, Management, and Harvesting for Efficiency, Profit, and Sustainability in Dairy and Bioenergy Production Systems	\$1,999,124	1/25/2013	1/24/2018	MADISON	WI

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5090-31000-023-00D	Forage Characteristics that Alter Feed Utilization, Manure Characteristics and Environmental Impacts of Dairy Production	\$1,385,914	11/1/2012	10/31/2017	MADISON	WI
5090-31320-002-00D	COMBATING VIRAL HEMORRHAGIC SEPTICEMIA AND IMPROVING YELLOW PERCH AQUACULTURE FOR THE GREAT LAKES REGION	\$1,331,590	10/1/2010	6/30/2015	MADISON	WI
5090-12630-003-00D	IMPROVEMENT OF DAIRY FORAGE AND MANURE MANAGEMENT TO REDUCE ENVIRONMENTAL RISK	\$2,612,161	10/1/2010	9/30/2015	MADISON	WI
6001-51000-003-00D	Improving Nutrition and Physical Activity Related Health Behaviors in Children and Their Environment	\$428,981	5/1/2014	4/30/2019	STONEVILLE	MS
6010-11120-006-00D	Enabling Management Response of Southeastern Agricultural Crop and Pasture Systems to Climate Change	\$847,563	3/22/2010	3/21/2015	AUBURN	AL
6010-12000-010-00D	Using Agricultural and Industrial Byproducts to Improve Crop Production Systems and Environment Quality	\$493,730	5/17/2010	5/16/2015	AUBURN	AL
6010-12610-005-00D	Sustainable Production, Profit, and Environmental Stewardship through Conservation Systems	\$2,075,342	5/2/2013	5/1/2018	AUBURN	AL
6010-31320-002-00D	Nutrition and Feed Development for Warm Water Aquaculture	\$413,637	11/17/2014	5/1/2015	AUBURN	AL
6020-21310-009-00D	Sustainable Small Farm and Organic Production Systems for Livestock and Agroforestry	\$3,928,630	10/1/2012	9/30/2017	BOONEVILLE	AR
6022-32000-011-00D	ALTERNATIVE INTERVENTION AND CONTROL STRATEGIES FOR FOODBORNE PATHOGENS IN POULTRY AND POULTRY PRODUCTS	\$852,649	6/20/2011	6/19/2016	FAYETTEVILLE	AR
6022-32000-012-00D	NOVEL THERAPEUTIC, DIAGNOSTIC, AND MANAGEMENT STRATEGIES TO REDUCE ANTIBIOTIC USE IN POULTRY PRODUCTION	\$564,009	1/31/2012	1/30/2017	FAYETTEVILLE	AR
6022-63000-003-00D	MANURE MANAGEMENT STRATEGIES TO IMPROVE AIR AND WATER QUALITY	\$445,476	8/1/2010	7/31/2015	FAYETTEVILLE	AR
6024-13000-001-00D	Sustainable Water Use Research in the Lower Mississippi River Basin	\$900,000	10/1/2013	12/31/2016	JONESBORO	AR
6024-13000-002-00D	PRESERVING WATER QUALITY AND AVAILABILITY FOR AGRICULTURE IN THE LOWER MISSISSIPPI RIVER BASIN	\$524,326	4/19/2012	4/18/2017	JONESBORO	AR
6026-51000-010-00D	Impact of Early Dietary Factors on Child Development and Health	\$7,759,400	3/23/2014	3/22/2019	LITTLE ROCK	AR
6028-21000-010-00D	Genomic Approaches and Genetic Resources for Improving Rice Yield and Grain Quality	\$2,448,712	7/10/2013	7/9/2018	STUTT GART	AR
6028-21220-005-00D	Using Genetic Approaches to Reduce Crop Losses in Rice Due to Biotic and Abiotic Stress	\$2,192,754	7/10/2013	7/9/2018	STUTT GART	AR
6030-21000-005-00D	Enhancement of Sugarcane Germplasm for Development of Stress Tolerant, High Yielding Cultivars	\$2,177,171	7/23/2013	7/22/2018	CANAL POINT	FL
6030-22000-010-00D	MANAGEMENT OF DISEASES OF SACCHARUM HYBRIDS THROUGH DEVELOPMENT AND EVALUATION OF RESISTANT GERMPLASM	\$758,534	3/20/2012	3/19/2017	CANAL POINT	FL
6032-22000-011-00D	DEVELOPMENT & EVALUATION OF BIOLOGICAL CONTROL AGENTS FOR INVASIVE SPECIES THREATENING THE EVERGLADES & OTHER NATURAL AND MANAGED SYSTEMS	\$2,445,554	10/1/2010	9/30/2015	FORT LAUDERDALE	FL
6034-21000-014-00D	Genetic Improvement of Citrus for Enhanced Resistance to Biotic and Abiotic Stresses	\$2,013,668	5/1/2013	4/30/2018	FORT PIERCE	FL
6034-22320-001-00D	IPM TECHNOLOGIES FOR INSECT PESTS OF ORCHARD CROPS	\$2,259,345	12/27/2010	12/26/2015	FORT PIERCE	FL
6034-22320-002-00D	SUBTROPICAL INSECT PESTS OF VEGETABLES AND ORNAMENTAL PLANTS	\$832,278	4/21/2011	3/31/2016	FORT PIERCE	FL
6034-22000-039-00D	EMERGING DISEASES OF CITRUS, VEGETABLES, AND ORNAMENTALS	\$2,715,246	5/9/2012	5/8/2017	FORT PIERCE	FL
6034-21000-016-00D	Horticultural, Physiological, and Genetic Factors Affecting Sustainable Citrus Production	\$744,848	3/1/2014	2/28/2019	FORT PIERCE	FL
6034-22000-041-00D	Alternatives to Methyl Bromide Soil Fumigation for Vegetable and Floriculture Production	\$2,031,951	1/24/2014	8/31/2017	FORT PIERCE	FL
6034-41000-015-00D	BIOACTIVE CONSTITUENTS AND SPECIALTY FOOD FIBERS AS VALUE-ADDED PRODUCTS FROM CITRUS PROCESSING WASTE	\$683,708	7/28/2010	7/27/2015	FORT PIERCE	FL
6034-41000-016-00D	ENHANCED UTILIZATION OF CARBOHYDRATES AND POLYSACCHARIDES FROM CITRUS PROCESSING WASTE STREAMS	\$816,746	12/9/2010	12/8/2015	FORT PIERCE	FL
6034-41430-005-00D	METABOLOMIC AND MICROBIAL PROFILING OF TROPICAL/SUBTROPICAL FRUITS AND SMALL FRUITS FOR QUALITY FACTORS AND MICROBIAL STABILITY	\$1,274,746	7/20/2010	7/19/2015	FORT PIERCE	FL
6036-22000-025-00D	BIOLOGICALLY-BASED TECHNOLOGIES FOR MANAGEMENT OF CROP INSECT PESTS IN LOCAL AND AREAWIDE PROGRAMS	\$2,820,454	12/27/2010	12/26/2015	GAINESVILLE	FL
6036-22000-026-00D	BIOLOGICALLY BASED MANAGEMENT OF INVASIVE INSECT PESTS AND WEEDS	\$986,196	12/2/2010	12/1/2015	GAINESVILLE	FL
6036-32000-048-00D	Invasive Ant Biology and Control	\$2,169,831	9/8/2014	9/7/2019	GAINESVILLE	FL
6036-32000-049-00D	Management of Filth Flies	\$785,710	10/27/2014	10/26/2019	GAINESVILLE	FL
6036-32000-050-00D	Biting Arthropod Surveillance and Control	\$2,233,604	10/1/2014	9/30/2019	GAINESVILLE	FL
6036-11220-001-00D	IMPACT OF CLIMATE CHANGE ON PLANT DEFENSE RESPONSES INDUCED BY INSECT HERBIVORES AND PLANT PATHOGENS	\$501,086	8/10/2011	8/9/2016	GAINESVILLE	FL
6036-21000-011-00D	Disease Defense Responses Signaling in Maize	\$745,921	7/2/2013	7/1/2018	GAINESVILLE	FL
6036-22000-027-00D	Chemical Biology of Insect and Plant Signaling Systems	\$1,733,986	12/8/2010	12/7/2015	GAINESVILLE	FL
6038-13210-002-00D	Genetic Characterization, Genetic Improvement, and Best Horticultural Management Practices for Subtropical/Tropical Ornamental Germplasm	\$1,051,358	6/14/2013	6/13/2018	MIAMI	FL

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6038-21000-022-00D	Conservation, Genetic Analyses, and Utilization of Subtropical/Tropical Fruit Crops, Sugarcane, and Miscanthus Genetic Resources	\$1,102,240	3/28/2013	3/27/2018	MIAMI	FL
6038-21000-023-00D	Genetic Improvement of Cacao Through Genomics-Assisted Breeding	\$1,238,390	7/16/2013	7/15/2018	MIAMI	FL
6038-22000-005-00D	Alternatives to Methyl Bromide: Mitigation of the Threat from Exotic Tropical and Subtropical Insect Pests	\$1,185,664	12/20/2012	9/9/2015	MIAMI	FL
6040-41440-001-00D	DEVELOP METHODS TO ASSESS AND IMPROVE POULTRY AND EGG QUALITY	\$1,897,116	10/1/2010	9/30/2015	ATHENS	GA
6040-42000-041-00D	Optical Detection of Food Safety and Food Defense Hazards	\$1,606,568	4/1/2011	3/31/2016	ATHENS	GA
6040-44000-028-00D	SENSING METHODS & INSTRUMENTATION FOR RAPID DETERMINATION OF MOISTURE CONTENT... AND OTHER QUALITY ATTRIBUTES OF GRAINS, SEEDS, & NUTS	\$427,176	10/26/2010	10/25/2015	ATHENS	GA
6040-32000-059-00D	MOLECULAR APPROACHES FOR THE CHARACTERIZATION OF FOODBORNE PATHOGENS IN POULTRY	\$1,004,732	6/29/2011	6/28/2016	ATHENS	GA
6040-32000-060-00D	Pre-Harvest Interventions For Application During Poultry Production To Reduce Food-Borne Bacterial Pathogens	\$883,506	7/1/2011	6/30/2016	ATHENS	GA
6040-32000-068-00D	INTERVENTION STRATEGIES FOR FOODBORNE PATHOGENS DURING POULTRY PRODUCTION AND PROCESSING	\$773,003	6/7/2012	6/6/2017	ATHENS	GA
6040-41420-017-00D	Pathogen Reduction and Processing Parameters in Poultry Processing Systems	\$849,490	2/10/2011	2/9/2016	ATHENS	GA
6040-42000-012-00D	Toxicology and Toxinology of Mycotoxins in Foods	\$1,125,251	2/8/2011	2/7/2016	ATHENS	GA
6040-42000-042-00D	CONTROL OF TOXIC ENDOPHYTIC FUNGI WITH BACTERIAL ENDOPHYTES AND REGULATION OF BACTERIAL METABOLITES FOR NOVEL USES IN FOOD SAFETY	\$1,524,171	7/5/2011	6/30/2016	ATHENS	GA
6040-32000-005-00D	Monitoring of Antimicrobial Resistance in Food Animal Production	\$1,201,825	2/1/2011	1/31/2016	ATHENS	GA
6040-32000-006-00D	MOLECULAR APPROACHES FOR THE IDENTIFICATION AND CHARACTERIZATION OF ANTIMICROBIAL RESISTANCE IN FOODBORNE PATHOGENS	\$1,358,729	11/3/2011	11/2/2016	ATHENS	GA
6040-41420-004-00D	Microbial Ecology of Human Pathogens Relative to Poultry Processing	\$1,151,610	4/25/2011	4/24/2016	ATHENS	GA
	Genetic Analysis of Poultry-Associated Salmonella enterica to Identify and Characterize					
6040-32000-007-00D	Properties and Markers Associated with Egg-Borne Transmission of Illness"	\$1,250,177	2/1/2011	1/31/2016	ATHENS	GA
6040-32420-001-00D	Microbiological and Product Quality Consequences of Housing Laying Hens in Production Systems	\$1,236,957	2/1/2011	1/31/2016	ATHENS	GA
6040-32000-062-00D	CHARACTERIZATION OF PROTECTIVE HOST RESPONSES TO AVIAN INFLUENZA VIRUS INFECTIONS IN AVIAN SPECIES	\$1,369,298	10/1/2011	9/30/2016	ATHENS	GA
6040-32000-063-00D	Intervention Strategies to Control and Prevent Disease Outbreaks Caused by Avian Influenza and Other Emerging Poultry Pathogens	\$1,336,703	10/11/2011	10/10/2016	ATHENS	GA
6040-32000-064-00D	INTERVENTION STRATEGIES TO CONTROL NEWCASTLE DISEASE	\$1,427,515	10/11/2011	10/10/2016	ATHENS	GA
6040-32000-065-00D	GENOMIC STRATEGIES FOR CONTROL OF HERPESVIRUSES OF POULTRY	\$477,828	10/11/2011	10/10/2016	ATHENS	GA
6040-32000-067-00D	Intervention Strategies to Control and Prevent Enteric Viral Diseases of Poultry	\$1,608,124	3/6/2012	3/5/2017	ATHENS	GA
6042-21000-004-00D	Breeding Stone Fruit Adapted to the Production Environment of the Southeastern United States	\$1,008,871	6/14/2013	6/13/2018	BYRON	GA
6042-21220-012-00D	Mitigating Alternate Bearing of Pecan	\$1,300,959	11/1/2013	10/31/2018	BYRON	GA
6042-22000-014-00D	Nematode and Disease Management of Deciduous Fruits	\$400,430	4/4/2012	4/3/2017	BYRON	GA
6042-22000-022-00D	INTEGRATED PEST MANAGEMENT FOR KEY PESTS OF PECAN AND PEACH	\$848,359	10/1/2010	9/30/2015	BYRON	GA
6044-13210-005-00D	Enhancing the Competitiveness of U.S. Peanuts and Peanut-based Cropping Systems	\$1,321,125	1/1/2014	12/31/2018	DAWSON	GA
6044-21000-004-00D	Developing Strategies to Identify Useful Genes in Peanut and Breeding High Yielding Peanut Varieties and Germplasm	\$893,941	7/30/2013	7/29/2018	DAWSON	GA
6044-41430-005-00D	Systems to Assess, Monitor, and Preserve Peanut Quality and Safety	\$681,570	7/1/2010	6/30/2015	DAWSON	GA
6044-42000-010-00D	GENETICS, POPULATION DYNAMICS, AND MYCOTOXIN PREVENTION IN PEANUT	\$863,327	4/12/2012	4/10/2017	DAWSON	GA
6046-21000-011-00D	Conservation, Characterization, and Evaluation of Plant Genetic Resources and Associated Information	\$2,410,251	3/19/2013	3/18/2018	GRIFFIN	GA
6048-11130-003-00D	SOIL PROCESSES IN PRODUCTION SYSTEMS THAT INCORPORATE BIOFUEL FEEDSTOCKS INTO SOUTHEASTERN AGRICULTURE	\$1,018,693	7/29/2011	10/31/2015	TIFTON	GA
6048-13000-026-00D	ENHANCING ENVIRONMENTAL QUALITY AND ECOSYSTEM SERVICES IN SOUTHEASTERN U.S. COASTAL PLAIN AGRICULTURAL WATERSHEDS	\$3,115,540	2/7/2012	2/6/2017	TIFTON	GA
6048-21000-024-00D	Genetic Enhancement and Management of Warm-Season Species for Forage, Turf and Renewable Energy	\$986,709	1/30/2013	1/29/2018	TIFTON	GA
6048-21000-026-00D	Development of Peanut Germplasm with Improved Yield, Oil Quality, and Tolerance to Biotic and Abiotic Stresses	\$563,257	5/27/2013	5/26/2018	TIFTON	GA
6048-21220-017-00D	Genetic Improvement of Maize and Sorghum for Resistance to Biotic Stress	\$575,145	5/20/2013	5/19/2018	TIFTON	GA
0500-00007-095-00D	MAGNITUDE OF THE RESIDUE ANALYSES IN MINOR CROPS FROM EXPERIMENTAL APPLICATIONS OF PESTICIDES	\$652,211	9/1/2010	8/31/2015	TIFTON	GA
0500-00007-097-00D	NEMATODE, DISEASE, WEED, INSECT AND MITE CONTROL ON MINOR FOOD CROPS AND ORNAMENTALS	\$219,128	9/1/2010	8/31/2015	TIFTON	GA
6048-21000-025-00D	Developing Genomic Approaches to Improve Resistance to Diseases and Aflatoxin Contamination in Peanut and Corn	\$383,550	5/19/2013	5/18/2018	TIFTON	GA
6048-21220-015-00D	HOST PLANT RESISTANCE AND OTHER MANAGEMENT STRATEGIES FOR NEMATODES IN COTTON AND PEANUT	\$589,505	4/9/2012	4/8/2017	TIFTON	GA

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6048-22000-040-00D	INTEGRATED WEED MANAGEMENT SYSTEMS FOR ORGANIC AND CONVENTIONAL CROPS OF THE SOUTHEASTERN COASTAL PLAIN	\$637,485	10/1/2010	9/30/2015	TIFTON	GA
6048-22000-041-00D	Insect Ecology and Sustainable Systems for Insect Pest Management in the Southeastern Region	\$914,454	1/1/2011	12/31/2015	TIFTON	GA
6048-22000-042-00D	STERILE INSECT CONTROL OF INVASIVE PESTS, WITH A FOCUS ON MOTHS	\$611,010	4/21/2011	3/31/2016	TIFTON	GA
6050-21000-014-00D	Genetics and Breeding in Support of Honey Bee Health	\$2,986,626	10/1/2013	9/30/2018	BATON ROUGE	LA
6052-12210-002-00D	New Crop and Soil Management Systems to Improve Sugarcane Production Efficiency	\$762,150	10/1/2013	9/30/2018	HOUMA	LA
6052-13210-001-00D	Integrated Crop, Soil, and Water Management Systems for Sustainable Production of Sugarcane for Bioenergy Feedstock	\$981,734	7/2/2012	7/1/2017	HOUMA	LA
6052-21000-015-00D	Genetic Improvement of Sugarcane for Temperate Climates	\$1,270,379	8/1/2013	7/31/2018	HOUMA	LA
6052-22000-015-00D	Developing Integrated Weed and Insect Management Systems for Efficient and Sustainable Sugarcane Production	\$657,574	10/1/2010	9/30/2015	HOUMA	LA
6052-22000-016-00D	Effective Disease Management Through Enhancement of Resistant Sugarcane	\$353,334	1/4/2012	1/3/2017	HOUMA	LA
6054-44000-075-00D	New and Improved Assessments of Cotton Quality	\$2,345,198	7/28/2010	7/27/2015	NEW ORLEANS	LA
6054-44000-076-00D	Influence of Structure and Moisture on Cotton Fiber Properties	\$909,739	7/28/2010	7/27/2015	NEW ORLEANS	LA
6054-21000-017-00D	Molecular Approaches for More Efficient Breeding to Improve Cotton Fiber Quality Traits	\$1,240,165	5/29/2013	5/28/2018	NEW ORLEANS	LA
6054-41000-104-00D	Cotton-based Nonwovens	\$1,704,716	7/28/2010	7/27/2015	NEW ORLEANS	LA
6054-41430-006-00D	CHEMICAL MODIFICATION OF COTTON FOR VALUE ADDED APPLICATIONS	\$1,559,676	8/10/2010	8/9/2015	NEW ORLEANS	LA
6054-41000-102-00D	Value-Added Products from Cottonseed	\$2,066,345	6/2/2010	6/1/2015	NEW ORLEANS	LA
6054-41000-110-00D	Developing Technologies that Enable Growth and Profitability in the Commercial Conversion of Sugarcane, Sweet Sorghum, and Energy Beets into Sugar, Advanced Biofuels, and Bioproducts	\$2,263,140	9/22/2014	9/21/2019	NEW ORLEANS	LA
6054-41420-006-00D	Control of Aflatoxin Production by Targeting Aflatoxin Biosynthesis	\$1,489,462	12/28/2010	12/27/2015	NEW ORLEANS	LA
6054-42000-021-00D	Developing Resistance to Aflatoxin through Seed-Based Technologies	\$2,600,883	12/28/2010	12/27/2015	NEW ORLEANS	LA
6054-42000-022-00D	Improvement of Biological Control Fungi for Reduction of Aflatoxin Contamination	\$678,833	12/28/2010	12/27/2015	NEW ORLEANS	LA
6054-41000-105-00D	Rice as a Source and Delivery System for Nutrients and Lipophilic Bioactive Compounds	\$917,021	8/10/2010	8/9/2015	NEW ORLEANS	LA
6054-43440-044-00D	Primary and Secondary Prevention of Peanut and Tree Nut Allergy	\$1,353,560	10/1/2010	9/30/2015	NEW ORLEANS	LA
6054-43440-047-00D	Postharvest Processing to Add Value to Catfish	\$655,243	7/1/2014	6/30/2015	NEW ORLEANS	LA
6054-44000-077-00D	Postharvest Sensory, Processing and Packaging of Catfish	\$996,984	8/10/2010	8/9/2015	NEW ORLEANS	LA
6060-13000-022-00D	ACOUSTIC AND GEOPHYSICAL TECHNOLOGY DEVELOPMENT FOR IMPROVING ASSESSMENT AND MONITORING OF EROSION AND SEDIMENT TRANSPORT IN WATERSHEDS...	\$729,684	3/11/2012	3/10/2017	OXFORD	MS
6060-13000-023-00D	Technologies for Managing Water and Sediment Movement in Agricultural Watersheds	\$3,151,266	3/13/2012	3/12/2017	OXFORD	MS
6060-13000-025-00D	IMPROVING COMPUTATIONAL MODELING IN SUPPORT OF BETTER EROSION AND SEDIMENT MOVEMENT CONTROL IN AGRICULTURAL WATERSHEDS	\$805,796	6/7/2012	6/6/2017	OXFORD	MS
6060-13660-007-00D	Integrated Strategies for Improved Water Quality and Ecosystem Integrity within Agricultural Watersheds	\$3,237,217	1/26/2012	1/25/2017	OXFORD	MS
6060-21410-010-00D	Discovery and Development of Natural Product-based Weed Management Methods	\$1,885,394	9/12/2011	3/31/2016	UNIVERSITY	MS
6060-32000-001-00D	Green Biopesticides: Identification	\$299,700	4/18/2014	3/30/2015	UNIVERSITY	MS
6060-41000-008-00D	Chemistry of Natural Products for Nutraceutical Use, Pest Management and Crop Development	\$1,162,470	10/1/2010	9/30/2015	UNIVERSITY	MS
6060-41000-009-00D	Management of Off-flavors and Undesirable Bacteria in Aquaculture	\$317,950	11/17/2009	11/16/2014	UNIVERSITY	MS
6060-41000-010-00D	DISCOVERY AND DEVELOPMENT OF NATURAL PRODUCTS FOR PHARMACEUTICAL AND AGROCHEMICAL APPLICATIONS	\$2,415,840	11/6/2012	11/5/2017	UNIVERSITY	MS
6062-21000-009-00D	Small Fruit and Ornamental Genetic Research for the Mid-South	\$2,266,834	7/2/2013	7/1/2018	POPLARVILLE	MS
6062-21430-002-00D	Production and Disease and Pest Management of Horticultural Crops	\$3,230,442	12/1/2013	11/30/2018	POPLARVILLE	MS
6064-21000-013-00D	Genetic Improvement of Maize with Enhanced Resistance to Aflatoxin and Insects	\$1,982,414	2/8/2013	2/7/2018	MISSISSIPPI STATE	MS
6064-21000-014-00D	Genetic Enhancement of Cotton by Marker-Assisted and Conventional Breeding, and Introgression of Genes from Exotic Gossypium Species	\$1,182,248	4/14/2013	4/13/2018	MISSISSIPPI STATE	MS
6064-21610-010-00D	Integration of Site-Specific Crop Production Practices and Industrial and Animal Agricultural Byproducts to Improve Agricultural Competitiveness and Sustainability	\$2,779,452	10/1/2013	9/30/2018	MISSISSIPPI STATE	MS
6064-32000-011-00D	Strategies to Control and Prevent Avian Mycoplasmosis	\$858,251	10/11/2011	10/10/2016	MISSISSIPPI STATE	MS
6064-32630-006-00D	Optimizing Heavy Broiler Management and Housing Environment for Sustainable Production	\$1,205,177	10/1/2012	9/30/2017	MISSISSIPPI STATE	MS
6064-32630-007-00D	Improving Efficiency of Growth and Nutrient Utilization in Heavy Broilers Using Alternative Feed Ingredients	\$1,244,316	10/1/2012	9/30/2017	MISSISSIPPI STATE	MS
6066-22000-063-00D	Insecticide Resistance Management and New Control Strategies for Pests of Corn, Cotton, Sorghum, Soybean, and Sweet Potato	\$2,009,506	9/1/2010	8/31/2015	STONEVILLE	MS

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6066-22000-064-00D	Control of Tarnished Plant Bugs by Biocontrol and Other Methods	\$582,855	1/3/2011	1/2/2015	STONEVILLE	MS
6066-22000-065-00D	EFFECT OF RESISTANCE ON INSECT PEST MANAGEMENT IN TRANSGENIC COTTON	\$1,913,661	4/20/2011	3/31/2016	STONEVILLE	MS
6066-21000-051-00D	Enhancing Fiber and Seed Quality Traits Through Conventional and Molecular Approaches, and Conducting the National Cotton Variety Testing Program to Improve Cotton Competitive Ability	\$2,088,817	4/18/2013	4/17/2018	STONEVILLE	MS
6066-21220-011-00D	Genetics and Management of Soybean Cyst Nematodes and Diseases for Sustainable Production	\$1,544,951	2/27/2012	2/26/2017	STONEVILLE	MS
6066-21220-012-00D	Development and Characterization of Soybean Germplasm, Curation of Stored Accessions, and Regional Evaluations of New Genotypes	\$2,233,225	5/16/2013	5/15/2018	STONEVILLE	MS
6066-22000-074-00D	MANAGEMENT OF RENIFORM NEMATODE IN COTTON	\$1,201,468	3/5/2012	3/4/2017	STONEVILLE	MS
6066-41440-007-00D	IMPROVE FIBER QUALITY AND INDUSTRY PROFITABILITY THROUGH ENHANCED EFFICIENCIES IN COTTON GINNING	\$1,318,299	10/26/2010	10/25/2015	STONEVILLE	MS
0500-00031-001-00D	UMBRELLA PROJECT FOR FOOD SAFETY	\$913,517	5/14/2013	5/13/2018	STONEVILLE	MS
6066-13320-004-00D	IMPROVING PRODUCTION EFFICIENCY IN WARM WATER AQUACULTURE THROUGH WATER QUALITY MANAGEMENT	\$577,411	11/3/2009	11/2/2014	STONEVILLE	MS
6066-31000-009-00D	Genetics, Physiology, and Health Research to Improve Catfish Production	\$4,572,196	12/14/2009	12/13/2014	STONEVILLE	MS
6066-31000-011-00D	Biophotonics - The Application of Novel Imaging Methodologies to Livestock Production Research	\$629,243	9/9/2014	9/8/2015	STONEVILLE	MS
6066-31320-002-00D	DEVELOPMENT OF APPROACHES TO PREVENT AND AMELIORATE DISEASES OF CATFISH	\$829,318	12/14/2009	12/13/2014	STONEVILLE	MS
6066-22000-062-00D	MASS PRODUCTION OF BIOLOGICAL CONTROL AGENTS	\$1,707,939	11/8/2010	11/7/2015	STONEVILLE	MS
6066-22000-073-00D	IMPROVEMENT OF BIOHERBICIDE STRATEGIES FOR INVASIVE WEEDS IN SOUTHERN CROPPING SYSTEMS	\$301,266	2/6/2011	2/5/2016	STONEVILLE	MS
6066-22320-008-00D	Biting and Stinging Pests: Ecology and Biologically-base Control	\$2,437,166	3/11/2012	3/30/2015	STONEVILLE	MS
6066-42000-005-00D	Biocontrol of Aflatoxin and Other Mycotoxins in Maize Using Non-toxicogenic Strains of Aspergillus flavus	\$791,422	12/31/2011	12/30/2016	STONEVILLE	MS
6066-21310-004-00D	Genomics and Bioinformatics Research in Agriculturally Important Organisms	\$1,984,520	5/20/2013	5/19/2018	STONEVILLE	MS
6066-12220-004-00D	Agrochemical and Weed Seed Fate and Transport in Mid-South Crop Production Systems	\$933,106	5/9/2011	5/8/2016	STONEVILLE	MS
6066-13000-004-00D	Development of Sustainable Water Management Technologies for Humid Regions	\$1,426,528	2/7/2012	2/6/2017	STONEVILLE	MS
6066-21000-050-00D	Characterization and Mitigation of Herbicide-Resistant and Recalcitrant Weeds	\$936,072	4/1/2011	3/31/2016	STONEVILLE	MS
6066-22000-079-00D	Application Technologies to Improve the Effectiveness of Chemical and Biological Crop Protection Materials	\$1,144,645	8/4/2014	4/30/2019	STONEVILLE	MS
6066-22000-082-00D	Development of Productive, Profitable, and Sustainable Crop Production Systems for the Mid-South	\$1,378,672	4/1/2014	3/31/2019	STONEVILLE	MS
6070-43440-011-00D	Improvement & Maintenance of Flavor & Shelf-Life, Functional Characteristics & Biochem/Bioactive Process, & Use of Genetic/Genomic Resource	\$1,019,439	7/2/2010	6/30/2015	RALEIGH	NC
6070-41000-007-00D	IMPROVED PROCESSES FOR CUCUMBERS, CABBAGE, SWEETPOTATOES, AND PEPPERS TO MAKE HIGH QUALITY, NUTRITIOUS PRODUCTS AND REDUCE POLLUTION	\$844,106	8/16/2010	8/15/2015	RALEIGH	NC
6070-41420-006-00D	CONTROL OF HUMAN PATHOGENS ASSOCIATED WITH ACIDIFIED PRODUCE FOODS	\$508,916	12/2/2010	12/1/2015	RALEIGH	NC
6070-11000-008-00D	Strategies to Predict and Manipulate Responses of Crops and Crop Disease to Anticipated Changes of Carbon Dioxide, Ozone and Temperature	\$1,733,241	6/2/2010	6/1/2015	RALEIGH	NC
6070-21000-030-00D	Broadening the Genetic Base of U.S. Maize with Genes from Unadapted Germplasm	\$293,184	5/9/2013	5/8/2018	RALEIGH	NC
6070-21220-015-00D	Genetic Analysis of Complex Traits in Maize	\$774,340	5/9/2013	5/8/2018	RALEIGH	NC
6070-22000-017-00D	Genetic Improvement of Small Grains for Biotic and Abiotic Stress Tolerance and Characterization of Pathogen Populations	\$2,131,427	3/28/2013	3/27/2018	RALEIGH	NC
6070-21220-068-00D	Increasing the Competitiveness of U.S. Soybeans in Global Markets through Genetic Diversity, Genomics, and Plant Breeding	\$2,072,149	5/16/2013	5/15/2018	RALEIGH	NC
0500-00007-101-00D	PESTICIDE TRIALS IN VEGETABLE AND ORNAMENTAL CROPS TO SUPPORT THE IR-4 PROGRAM	\$151,785	9/1/2010	8/31/2015	CHARLESTON	SC
6080-21000-018-00D	Genetic Enhancement of Watermelon, Broccoli, and Leafy Brassicas for Economically Important Traits	\$976,916	5/19/2013	5/18/2018	CHARLESTON	SC
6080-22000-023-00D	UTILIZING HERBICIDE TOLERANT AND COMPETITIVE CULTIVARS AND INNOVATIVE CULTURAL PRACTICES TO ENHANCE WEED MANAGEMENT IN VEGETABLE CROPS	\$422,253	1/10/2011	1/9/2016	CHARLESTON	SC
6080-22000-024-00D	BIOLOGICALLY BASED TECHNIQUES FOR MANAGEMENT OF VEGETABLE PESTS	\$894,918	4/4/2011	3/31/2016	CHARLESTON	SC
6080-22000-025-00D	Characterization, Etiology, and Disease Management for Vegetable Crops	\$1,031,614	5/1/2012	4/30/2017	CHARLESTON	SC
6080-22000-026-00D	Development of Disease and Nematode Resistance in Vegetable Crops	\$1,111,688	5/1/2012	4/30/2017	CHARLESTON	SC
6082-12130-002-00D	IMPROVING CHEMICAL, PHYSICAL, AND BIOLOGICAL PROPERTIES OF DEGRADED SANDY SOILS FOR ENVIRONMENTALLY SUSTAINABLE PRODUCTION	\$382,485	5/2/2011	5/1/2015	FLORENCE	SC
6082-13000-009-00D	MANAGING WATER AVAILABILITY AND QUALITY TO MAINTAIN OR INCREASE AGRICULTURAL PRODUCTION, CONSERVE NATURAL RESOURCES, AND ENHANCE ENVIRONMENT	\$918,719	12/29/2011	12/28/2016	FLORENCE	SC
6082-13630-005-00D	Innovative Bioresource Management Technologies for Enhanced Environmental Quality and Value Optimization	\$1,963,877	10/1/2010	9/30/2015	FLORENCE	SC



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6082-21000-007-00D	Enhancement of Cotton Genetics and Management Systems to Improve Yield, Fiber Quality, and Production Stability	\$653,885	10/17/2013	10/16/2018	FLORENCE	SC
6090-21000-051-00D	Management of Tropical/Subtropical Plant Genetic Resources and Associated Information	\$717,471	4/11/2013	4/10/2018	MAYAGUEZ	PR
6090-21000-052-00D	Germplasm Regeneration, Characterization, Evaluation and Phytosanitary Assessment of Quarantined and Tropically-Adapted Genetic Resources	\$438,632	3/20/2013	3/19/2018	MAYAGUEZ	PR
6090-21000-053-00D	Evaluation and Genetic Analyses of Sorghum Genetic Resources for Key Agronomic Traits	\$304,385	6/4/2013	6/3/2018	MAYAGUEZ	PR
6090-21000-054-00D	Genetic Enhancement of Common Bean Using Exotic Germplasm for Biotic and Abiotic Stress Tolerance	\$574,455	5/19/2013	5/18/2018	MAYAGUEZ	PR
6090-21000-055-00D	Management Strategies to Improve Subtropical/Tropical Fruit Crop Production	\$1,123,821	12/19/2013	12/18/2018	MAYAGUEZ	PR
8010-22000-023-00D	BIOCONTROL OF INVASIVE PESTS SUCH AS EMERALD ASH BORER AND QUARANTINE SERVICES	\$650,144	10/19/2010	10/18/2015	NEWARK	DE
8010-22000-024-00D	GENETICS AND EVOLUTION OF HOST SPECIFICITY OF INSECT BIOLOGICAL CONTROL AGENTS, EMPHASIZING APHIDS AND MOTHS	\$389,762	11/4/2010	11/3/2015	NEWARK	DE
8010-22000-026-00D	CLASSICAL BIOLOGICAL CONTROL OF INSECT PESTS OF CROPS, EMPHASIZING TARNISHED PLANT BUG, SOYBEAN APHID, AND BROWN MARMORATED STINK BUG	\$433,184	12/8/2010	12/7/2015	NEWARK	DE
8010-22000-027-00D	BIOCONTROL AND OTHER TECHNOLOGIES FOR CONTROL OF INVASIVE SPECIES, WITH EMPHASIS ON ASIAN LONGHORNED BEETLE AND RELATED SPECIES	\$527,318	12/20/2010	12/19/2015	NEWARK	DE
8020-21000-058-00D	Biotechnology Applied to High Value Ornamental Plants	\$389,835	6/26/2013	6/25/2018	WASHINGTON	DC
8020-21000-061-00D	Evaluation and Genetic Improvement of Woody Ornamental Landscape Plants for Disease and Pest Tolerance, Non-Invasiveness, and Ornamental Traits	\$1,714,396	4/14/2013	4/13/2018	WASHINGTON	DC
8020-21000-062-00D	Genetics, Genetic Improvement, and Improved Production Efficiency of Nursery Crops	\$545,775	4/14/2013	4/13/2018	WASHINGTON	DC
8020-21000-065-00D	Enhancement of Turfgrass Germplasm for Reduced Input Sustainability	\$441,783	2/6/2013	2/5/2018	WASHINGTON	DC
8020-21000-066-00D	National Turfgrass Evaluation Program	\$45,650	10/1/2013	9/30/2018	WASHINGTON	DC
8020-21000-070-00D	Taxonomy of Landscape Trees and Shrubs	\$710,178	8/4/2013	8/3/2018	WASHINGTON	DC
8020-21000-147-00D	Management and Evaluation of Woody Landscape Plant Germplasm Resources and Associated Information	\$1,017,126	4/4/2013	4/3/2018	WASHINGTON	DC
8020-22000-032-00D	NEW AND EMERGING VIRAL AND BACTERIAL DISEASES OF ORNAMENTAL PLANTS: DETECTION, IDENTIFICATION, AND CHARACTERIZATION	\$1,381,876	4/9/2012	4/8/2017	WASHINGTON	DC
8020-22000-049-00D	Detection and Identification of Soil-borne Plant Pathogens and Mitigation of Soil-borne Diseases	\$219,371	4/29/2014	8/31/2017	WASHINGTON	DC
8020-21000-145-00D	Establish and Maintain Public Display Gardens for Woody and Herbaceous Landscape Plants	\$4,946,562	1/1/2014	9/30/2018	WASHINGTON	DC
8030-62660-003-00D	Improved Crop Production Systems for the Northeast	\$928,182	9/9/2013	9/8/2018	ORONO	ME
8030-31000-004-00D	Genetic Improvement Of Marine Fish and Shellfish	\$1,331,768	12/2/2014	12/1/2019	ORONO	ME
8040-52000-063-00D	Metabolite Profiling and Chemical Fingerprinting Methods for Characterization of Foods, Botanical Supplements, and Biological Materials	\$2,361,847	2/22/2014	2/21/2019	BELTSVILLE	MD
8040-51000-056-00D	Absorption, Metabolism, and Health Impacts of Bioactive Food Components	\$1,974,256	5/9/2014	5/8/2019	BELTSVILLE	MD
8040-51530-010-00D	Metabolism and Molecular Targets of Macro and Micro Food Components in the Development and Management of Obesity and Chronic Diseases	\$2,657,255	1/23/2014	1/22/2019	BELTSVILLE	MD
8040-53000-017-00D	EFFECTS OF ELEVATED ATMOSPHERIC CO2, ENVIRONMENTAL STRESS, AND EDAPHIC CONDITIONS ON BIOACTIVE COMPOUNDS IN BRASSICA CROPS	\$574,045	8/9/2010	8/8/2015	BELTSVILLE	MD
8040-51000-057-00D	Health Promoting Roles of Food Bio-Active Phenolic Compounds on Obesity-Altered Heart, and Kidney Functions and Physiology	\$1,074,021	3/16/2014	3/15/2019	BELTSVILLE	MD
8040-51000-058-00D	Dietary Regulation of Immunity and Inflammation	\$1,384,270	3/28/2014	3/27/2019	BELTSVILLE	MD
8040-51530-056-00D	Regulatory Mechanisms Induced by Health-Promoting Bioactive Food Components on Sex Steroid Hormone-Dependent Pathways, Cancer Cell-Stromal Cell Interactions, and the Gut Microbiome	\$1,134,740	4/2/2014	4/1/2019	BELTSVILLE	MD
8040-52000-064-00D	USDA National Nutrient Databank for Food Composition	\$3,705,775	2/20/2014	2/19/2019	BELTSVILLE	MD
8040-52000-065-00D	USDA Dietary Supplement Ingredient Database	\$158,548	2/20/2014	2/19/2019	BELTSVILLE	MD
8040-53000-018-00D	What We Eat in America - Dietary Survey: Data Collection, Interpretation, Dissemination, and Methodology	\$7,170,474	1/5/2014	1/4/2019	BELTSVILLE	MD
0500-00007-100-00D	COORDINATION ACTIVITIES FOR RESEARCH TO REGISTER MINOR USE OF PESTICIDES	\$275,561	8/3/2010	8/2/2015	BELTSVILLE	MD
8042-12000-039-00D	CONTROLS ON MICROBIAL COMMUNITY STRUCTURE AND FUNCTION IN SOIL AND RHIZOSPHERE	\$597,511	5/3/2011	5/2/2016	BELTSVILLE	MD
8042-12630-006-00D	BIOLOGICAL TREATMENT OF MANURE AND ORGANIC RESIDUALS TO CAPTURE NUTRIENTS AND TRANSFORM CONTAMINANTS	\$1,007,467	4/3/2010	4/2/2015	BELTSVILLE	MD
8042-21000-142-00D	Molecular Approaches to Enhance Plant Nutrient Content, Shelf-Life and Stress Tolerance	\$436,723	9/19/2013	9/18/2018	BELTSVILLE	MD
8042-21220-180-00D	Alternative Disease Management Strategies for Soilborne Pathogens of Cucumber	\$455,454	12/27/2013	12/26/2018	BELTSVILLE	MD
8042-21660-004-00D	Defining Agroecological Principles and Developing Sustainable Practices in Mid-Atlantic Cropping Systems	\$2,053,967	8/15/2013	8/14/2018	BELTSVILLE	MD

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8042-22000-165-00D	DEVELOPMENT OF MULTI-TACTIC WEED MANAGEMENT SYSTEMS FOR SUSTAINABLE CROP PRODUCTION	\$751,056	9/11/2010	9/10/2015	BELTSVILLE	MD
8042-12610-001-00D	DISCERNING THE FATE OF ATMOSPHERIC AGRICULTURAL EMISSIONS IN THE CHESAPEAKE BAY REGION	\$981,932	3/26/2010	3/25/2015	BELTSVILLE	MD
8042-12660-013-00D	QUANTIFYING AND MONITORING NUTRIENT CYCLING, CARBON DYNAMICS AND SOIL PRODUCTIVITY AT FIELD, WATERSHED AND REGIONAL SCALES	\$2,147,545	10/1/2010	9/30/2015	BELTSVILLE	MD
8042-13610-028-00D	Leveraging Remote Sensing, Land Surface Modeling and Ground-based Observations ... Variables within Heterogeneous Agricultural Landscapes	\$2,311,096	12/22/2011	12/21/2016	BELTSVILLE	MD
8042-31320-076-00D	DEVELOPMENT OF CONTROL AND INTERVENTION STRATEGIES FOR AVIAN COCCIDIOSIS	\$881,658	10/11/2011	10/10/2016	BELTSVILLE	MD
8042-32000-090-00D	INTEGRATED APPROACH TO THE DETECTION AND CONTROL OF FOODBORNE PARASITES AND THE IMPACT ON FOOD SAFETY	\$1,063,622	12/16/2010	12/15/2015	BELTSVILLE	MD
8042-32000-094-00D	IMMUNOLOGICAL APPROACHES TO CONTROLLING SWINE INTESTINAL PARASITES AND MUCOSAL PATHOGENS	\$345,984	11/17/2011	11/16/2016	BELTSVILLE	MD
8042-32000-095-00D	PARASITIC BIODIVERSITY AND THE U.S. NATIONAL PARASITE COLLECTION	\$571,434	10/16/2011	10/10/2016	BELTSVILLE	MD
8042-32000-096-00D	MOLECULAR AND IMMUNOLOGICAL APPROACHES TO CONTROLLING GI NEMATODE INFECTIONS OF RUMINANTS	\$3,105,210	11/10/2011	11/9/2016	BELTSVILLE	MD
8042-32000-098-00D	FUNCTIONAL GENOMIC APPROACHES FOR CONTROLLING DISEASES OF SWINE	\$776,273	10/31/2011	10/30/2016	BELTSVILLE	MD
8042-42000-016-00D	MOLECULAR GENETICS, GENOMICS, AND PHYLOGENETICS OF FOODBORNE ZONOTIC PARASITES AFFECTING FOOD SAFETY AND PUBLIC HEALTH	\$562,672	1/19/2011	1/18/2016	BELTSVILLE	MD
8042-11210-008-00D	RESPONSE AND ADAPTATION OF CROPS AND WEEDS TO ELEVATED CO2 AND GLOBAL WARMING	\$1,609,183	4/4/2010	4/3/2015	BELTSVILLE	MD
8042-12000-040-00D	DEVELOPING BENEFICIAL USES OF AGRICULTURAL, INDUSTRIAL, AND MUNICIPAL BYPRODUCTS	\$452,444	4/3/2010	4/2/2015	BELTSVILLE	MD
8042-12630-005-00D	DEVELOPING ANALYTICAL AND MANAGEMENT STRATEGIES TO IMPROVE CROP UTILIZATION OF .... AND REDUCE LOSSES TO THE ENVIRONMENT	\$1,481,680	4/3/2010	4/2/2015	BELTSVILLE	MD
8042-42000-015-00D	PLANT AND SOIL FACTORS THAT INFLUENCE BIOAVAILABILITY OF HEAVY METALS IN CROPS	\$634,446	2/23/2011	2/22/2016	BELTSVILLE	MD
8042-61660-007-00D	Mechanistic Process-Level Crop Simulation Models for Assessment of Agricultural Systems	\$1,605,000	3/1/2014	5/1/2015	BELTSVILLE	MD
8042-12630-008-00D	PATHOGEN FATE AND TRANSPORT IN IRRIGATION WATERS	\$1,083,649	2/16/2011	2/15/2016	BELTSVILLE	MD
8042-32000-089-00D	ZONOTIC PARASITES AFFECTING FOOD SAFETY AND PUBLIC HEALTH	\$1,262,635	12/20/2010	12/19/2015	BELTSVILLE	MD
8042-32000-091-00D	ECOLOGY AND MOLECULAR EPIDEMIOLOGY OF ZONOTIC BACTERIAL PATHOGENS ASSOCIATED WITH DAIRY FARMS	\$1,986,922	12/8/2010	12/7/2015	BELTSVILLE	MD
8042-32420-005-00D	MICROBIAL ECOLOGY AND SAFETY OF FRESH PRODUCE	\$2,199,860	4/1/2011	3/31/2016	BELTSVILLE	MD
8042-42000-006-00D	MOLECULAR MECHANISMS OF PATHOGENIC BACTERIA INTERACTIONS WITH PLANT SURFACES AND ENVIRONMENTAL MATRICES	\$855,499	3/21/2011	3/20/2016	BELTSVILLE	MD
8042-42000-018-00D	DEVELOPMENT OF SENSING AND INSTRUMENTATION TECHNOLOGIES FOR FOOD SAFETY AND SANITATION INSPECTION IN FRESH FRUIT AND VEGETABLE PROCESSING	\$1,544,698	7/5/2011	6/30/2016	BELTSVILLE	MD
8042-31000-101-00D	Improving Genetic Predictions in Dairy Animals Using Phenotypic and Genomic Information	\$2,704,361	7/24/2012	7/23/2017	BELTSVILLE	MD
8042-31000-104-00D	ENHANCING GENETIC MERIT OF RUMINANTS THROUGH GENOME SELECTION AND ANALYSIS	\$2,366,745	7/24/2012	7/23/2017	BELTSVILLE	MD
8042-31320-077-00D	Understanding Genetic and Physiological Factors Affecting Nutrient Use Efficiency of Dairy Cattle	\$2,227,761	7/26/2012	7/25/2017	BELTSVILLE	MD
8042-32000-093-00D	DEVELOPMENT OF GENOMIC TOOLS TO STUDY RUMINANT RESISTANCE TO GASTROINTESTINAL NEMATODES	\$945,550	10/11/2011	10/10/2016	BELTSVILLE	MD
8042-31000-100-00D	INVESTIGATION OF GENETIC MECHANISMS FOR IMPROVING THE REGULATION OF FEED INTAKE AND NUTRIENT UTILIZATION IN POULTRY	\$2,436,563	7/30/2012	12/31/2014	BELTSVILLE	MD
8042-31000-103-00D	DEVELOPING GENETIC BIOTECHNOLOGIES FOR INCREASED FOOD ANIMAL PRODUCTION, INCLUDING NOVEL ANTIMICROBIALS FOR IMPROVED HEALTH & PRODUCT SAFETY	\$2,631,715	7/24/2012	7/23/2017	BELTSVILLE	MD
8042-31000-105-00D	Development of New Technologies and Methods to Enhance the Utilization and Long-Term Storage of Poultry, Swine and Fish Gametes and Embryos	\$1,697,166	12/3/2012	12/2/2017	BELTSVILLE	MD
8042-31630-001-00D	IDENTIFICATION OF BIOMARKERS FOR PRE AND POST WEANING GROWTH IN SWINE	\$920,187	7/26/2012	7/25/2017	BELTSVILLE	MD
8042-32000-097-00D	Functional Genomics Approaches for Controlling Diseases of Poultry	\$1,475,699	10/13/2011	10/12/2016	BELTSVILLE	MD
8042-21000-277-00D	Managing Honey Bees Against Disease and Colony Stress	\$3,044,761	9/10/2013	9/9/2018	BELTSVILLE	MD
8042-21000-270-00D	Plant Genetic Resource Acquisition and Conservation Strategies, International Germplasm ... for the U.S. National Plant Germplasm System	\$805,541	4/3/2013	4/2/2018	BELTSVILLE	MD
8042-21000-272-00D	Acquisition of Plant Genetic Resources through Domestic and International Plant Explorations and Associated Capacity-Building Partnerships	\$106,987	4/3/2013	4/2/2018	BELTSVILLE	MD
8042-21220-253-00D	Develop, Deploy, and Operate GRIN-Global, the Information Management System for Plant Genetic Resources	\$1,388,946	4/5/2013	4/4/2018	BELTSVILLE	MD
8042-22000-280-00D	CHARACTERIZING, DETECTING, AND ELIMINATING PATHOGENS TO ENABLE THE SAFE INTRODUCTION OF PLANT GENETIC RESOURCES	\$1,371,749	3/20/2012	3/19/2017	BELTSVILLE	MD

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8042-22000-272-00D	Insect Management Systems for Urban Small Farms and Gardens	\$2,404,721	12/2/2010	12/1/2015	BELTSVILLE	MD
8042-22000-273-00D	SUSTAINABLE MANAGEMENT OF INVASIVE AND INDIGENOUS INSECTS OF URBAN LANDSCAPES	\$2,480,883	12/2/2010	12/1/2015	BELTSVILLE	MD
8042-32000-008-00D	Prevention of Arthropod Bites	\$1,540,655	11/5/2014	11/4/2019	BELTSVILLE	MD
8042-21000-273-00D	Potato Genetic Improvement for Eastern U.S. Production	\$724,741	7/1/2013	6/30/2018	BELTSVILLE	MD
8042-21000-274-00D	Quality Enhancement and Disease Resistance Development in Tomato and Pepper	\$536,122	6/21/2013	6/20/2018	BELTSVILLE	MD
8042-21000-276-00D	Genetic Improvement of Blueberry and Cranberry: Utilization of Genomic Resources and Phenotypic/Genotypic Characterization	\$1,502,120	7/31/2013	7/30/2018	BELTSVILLE	MD
8042-21220-251-00D	POTATO AND TOMATO DISEASE MANAGEMENT THROUGH UNDERSTANDING OF HOST RESISTANCE AND PATHOGEN VARIABILITY	\$1,090,255	4/2/2012	4/1/2017	BELTSVILLE	MD
8042-21220-254-00D	Strawberry, Raspberry, Blackberry: Crop Improvement through Genomics and Genetics	\$1,245,371	8/8/2013	8/7/2018	BELTSVILLE	MD
8042-21000-268-00D	Regulation of Gene Expression in Alfalfa Development and Stress Tolerance	\$382,935	4/8/2013	4/7/2018	BELTSVILLE	MD
8042-21220-231-00D	Molecular Technology for Developing Durable Pest and Pathogen Resistance in Sugar Beet	\$483,971	7/23/2013	7/22/2018	BELTSVILLE	MD
8042-22000-274-00D	NOVEL DISEASE CONTROL STRATEGIES FOR CELLULAR AND SUB-CELLULAR PATHOGENS	\$705,026	3/16/2012	3/15/2017	BELTSVILLE	MD
8042-22000-276-00D	PHYSIOLOGICAL AND MOLECULAR SIGNALING IN VIROID AND BACTERIAL DISEASE	\$627,218	3/25/2012	3/24/2017	BELTSVILLE	MD
8042-22000-281-00D	INVASIVE PATHOGENS OF CITRUS	\$651,904	4/9/2012	4/8/2017	BELTSVILLE	MD
8042-22000-282-00D	GENOME SEQUENCE-BASED STRATEGIES FOR DETECTION & IDENTIFICATION OF PLANT PATHOGENIC PHYTOPLASMAS & SPIROPLASMAS, & VASCULAR WALLED BACTERIA	\$1,275,645	2/26/2012	2/25/2017	BELTSVILLE	MD
8042-22000-275-00D	MORPHOLOGICAL AND MOLECULAR IDENTIFICATION AND SYSTEMATICS OF AGRICULTURALLY IMPORTANT NEMATODES	\$705,138	3/22/2012	3/21/2017	BELTSVILLE	MD
8042-22000-283-00D	MANAGEMENT STRATEGIES FOR PLANT-PARASITIC NEMATODES: COVER CROPS, AMENDMENTS, AND INTERNAL MOLECULAR TARGETS	\$1,298,863	2/27/2012	2/26/2017	BELTSVILLE	MD
8042-22000-284-00D	Enhanced alfalfa and forage productivity through molecular detection and characterization of plant nematodes	\$353,788	12/14/2012	12/13/2017	BELTSVILLE	MD
8042-21000-269-00D	Development of Rhizobium and Bradyrhizobium Germplasm, Determining Host Plant-Microbe Symbiotic Interactions, and the Rhizobium Collection	\$279,791	5/9/2013	5/8/2018	BELTSVILLE	MD
8042-21000-275-00D	Defining the Genetic Diversity and Structure of the Soybean Genome and Applications to Gene Discovery in Soybean, Wheat and Common Bean Germplasm	\$864,444	5/14/2013	5/13/2018	BELTSVILLE	MD
8042-21220-232-00D	Developing Soybean and Other Legumes with Resistance to Pathogens and Assessing the Biosafety of Transgenic Soybean	\$1,684,984	7/30/2013	7/29/2018	BELTSVILLE	MD
8042-22000-278-00D	ELECTRON AND CONFOCAL MICROSCOPY APPLICATIONS TO PESTS AND PLANT PROCESSES IMPACTING AGRICULTURAL PRODUCTIVITY	\$561,814	3/25/2012	3/24/2017	BELTSVILLE	MD
8042-22000-286-00D	Discovery and Introgression of Disease Resistance Genes into Phaseolus vulgaris	\$404,239	5/14/2013	5/13/2018	BELTSVILLE	MD
8042-22000-279-00D	Systematics and Diagnostics of Emerging and Quarantine-Significant Plant Pathogenic Fungi	\$1,684,924	4/15/2012	4/14/2017	BELTSVILLE	MD
8042-22000-285-00D	Curation of the U.S. National Fungus Collections and Associated Information Resources	\$522,814	2/20/2013	2/19/2018	BELTSVILLE	MD
8042-22000-262-00D	SYSTEMATICS OF FLIES OF AGRICULTURAL AND ENVIRONMENTAL IMPORTANCE	\$929,736	10/1/2010	9/30/2015	BELTSVILLE	MD
8042-22000-263-00D	SYSTEMATICS OF BEETLES IMPORTANT TO AGRICULTURE, LANDSCAPE PLANTS, AND BIOLOGICAL CONTROL	\$673,274	10/1/2010	9/30/2015	BELTSVILLE	MD
8042-22000-264-00D	SYSTEMATICS OF LEPIDOPTERA: INVASIVE SPECIES, PESTS, AND BIOLOGICAL CONTROL AGENTS	\$637,996	10/1/2010	9/30/2015	BELTSVILLE	MD
8042-22000-265-00D	Systematics of Parasitic and Herbivorous Wasps of Agricultural Importance	\$729,796	10/1/2010	9/30/2015	BELTSVILLE	MD
8042-22000-266-00D	Mite Systematics and Arthropod Diagnostics with Emphasis on Invasive Species	\$344,411	10/1/2010	9/30/2015	BELTSVILLE	MD
8042-22000-267-00D	SYSTEMATICS OF HEMIPTERA AND RELATED GROUPS: PLANT PESTS, PREDATORS, AND DISEASE VECTORS	\$1,591,453	11/4/2010	11/3/2015	BELTSVILLE	MD
8042-21000-267-00D	Genetic Diversity Assessment of Cacao and Other Tropical Tree Crop Genetic Resources	\$1,035,606	3/14/2013	3/13/2018	BELTSVILLE	MD
8042-21000-278-00D	Sustainable Production Systems for Cacao	\$771,009	2/10/2014	2/9/2019	BELTSVILLE	MD
8042-21220-252-00D	Genomic Characterization and Management of Fungal Diseases of Cacao	\$1,030,124	4/23/2012	4/22/2017	BELTSVILLE	MD
8042-22000-270-00D	DEVELOPMENT OF BIOLOGICAL CONTROL TECHNOLOGIES & STRATEGIES FOR ARTHROPOD PESTS OF PERENNIAL TROPICAL CROPS IMP. TO THE US, .. COFFEE	\$449,735	8/10/2010	8/9/2015	BELTSVILLE	MD
8042-42430-014-00D	Methods for Rapid Identification and Functional Analysis of Fungi Causing Postharvest Decay of Pome Fruit	\$703,407	1/16/2013	1/15/2018	BELTSVILLE	MD
8042-43000-012-00D	GENETIC AND BIOCHEMICAL MECHANISMS DETERMINING FRESH PRODUCE QUALITY AND STORAGE LIFE	\$884,438	7/7/2010	7/6/2015	BELTSVILLE	MD
8042-43440-004-00D	EVALUATION AND MAINTENANCE OF FLAVOR, NUTRITIONAL AND OTHER QUALITY ATTRIBUTES OF FRESH AND FRESH-CUT PRODUCE	\$1,677,544	6/2/2010	6/1/2015	BELTSVILLE	MD
8042-44000-009-00D	Optical and Mechanical Instrumentation for Quality Assessment of Small Grains	\$314,838	6/17/2010	6/16/2015	BELTSVILLE	MD

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8044-22000-039-00D	DISCOVERY AND CHARACTERIZATION OF PLANT PATHOGENS FOR BIOLOGICAL CONTROL OF INVASIVE WEEDS FROM THEIR NATIVE RANGE	\$1,216,459	10/1/2010	9/9/2015	FT. DETRICK	MD
8044-22000-040-00D	IDENTIFICATION, CHARACTERIZATION, AND BIOLOGY OF FOREIGN AND EMERGING VIRAL AND BACTERIAL PLANT PATHOGENS	\$1,644,679	3/26/2012	3/25/2017	FT. DETRICK	MD
8044-22000-041-00D	EMERGING FOREIGN FUNGAL PLANT PATHOGENS: DETECTION, BIOLOGY, AND INTERACTIONS WITH HOST PLANTS	\$1,938,135	4/11/2012	4/10/2017	FT. DETRICK	MD
8044-22000-042-00D	BIOLOGY, PATHOLOGY, AND EPIDEMIOLOGY OF EMERGING OOMYCETE PATHOGENS	\$1,297,200	5/22/2012	5/21/2017	FT. DETRICK	MD
8050-51000-081-00D	Neurocognition/Neuroscience (Bridging Project)	\$1,774,237	3/20/2014	12/31/2014	BOSTON	MA
8050-51000-086-00D	Cardiovascular Nutrition and Health	\$1,202,425	4/17/2014	4/16/2019	BOSTON	MA
8050-51000-089-00D	Vision, Aging, and Nutrition	\$899,800	5/1/2014	4/30/2019	BOSTON	MA
8050-51000-090-00D	Immunity, Inflammation, and Nutrition in Aging	\$1,446,160	10/1/2014	9/30/2019	BOSTON	MA
8050-51000-091-00D	Sarcopenia, Nutrition, and Physical Activity	\$1,064,217	10/1/2014	9/30/2019	BOSTON	MA
8050-51000-092-00D	Nutrients, Aging, and Musculoskeletal Function	\$1,374,348	10/1/2014	9/30/2015	BOSTON	MA
8050-51000-093-00D	One Carbon Nutrients and Metabolism	\$596,894	10/1/2014	9/30/2019	BOSTON	MA
8050-51000-095-00D	Plant Components and Aging	\$1,501,685	10/1/2014	9/30/2019	BOSTON	MA
8050-51000-096-00D	Cancer Prevention via Diet	\$1,254,335	10/1/2014	9/30/2019	BOSTON	MA
8050-51000-097-00D	Energy Regulation and Obesity	\$2,035,193	10/26/2014	9/30/2019	BOSTON	MA
8050-51000-098-00D	Genomics, Nutrition, and Health	\$1,092,876	10/26/2014	9/30/2019	BOSTON	MA
8050-51530-012-00D	Rural Aging Study	\$167,130	5/1/2014	4/30/2019	BOSTON	MA
8050-51530-013-00D	Nutritional Epidemiology	\$584,064	10/1/2014	9/30/2019	BOSTON	MA
8060-21000-024-00D	Management of Genetic Resources and Associated Information for Selected Vegetable Crops	\$1,003,399	4/15/2013	4/14/2018	GENEVA	NY
8060-21000-025-00D	Management of Apple, Cold-Hardy Grape, and Tart Cherry Genetic Resources and Associated Information	\$815,857	5/23/2013	5/22/2018	GENEVA	NY
8060-21000-026-00D	Breeding Apple Rootstocks Tolerant to Abiotic Stresses and Resistant to Pests and Diseases	\$539,611	3/28/2013	3/28/2018	GENEVA	NY
8060-21220-006-00D	Improving Fruit Quality, Disease Resistance, and Tolerance to Abiotic Stress in Grape	\$1,534,681	4/1/2013	3/31/2018	GENEVA	NY
8062-21000-036-00D	Genomic and Genetic Analysis of Crop Adaptation to Soil Abiotic Stresses	\$1,384,488	6/28/2013	6/27/2018	ITHACA	NY
8062-21000-037-00D	Genetic and Genomic Basis of Vegetable and Fruit Biology, Quality and Nutrient Content	\$963,329	5/22/2013	5/21/2018	ITHACA	NY
8062-21000-038-00D	Enhancing Breeding of Small Grains through Improved Bioinformatics	\$611,204	4/1/2013	3/31/2018	ITHACA	NY
8062-21000-039-00D	Development and Application of Genetic, Genomic, and Bioinformatic Resources in Maize	\$1,355,142	3/1/2013	2/28/2018	ITHACA	NY
8062-21000-040-00D	Dissection of Maize Grain Quality Traits Using Biochemical Genetic and Genomic Approaches	\$403,743	9/19/2013	9/18/2018	ITHACA	NY
8062-21000-041-00D	Enhancing Plant Genome Function Maps Through Genomic, Genetic, Computational and Collaborative Research	\$872,419	4/4/2013	4/3/2018	ITHACA	NY
8062-52000-001-00D	Bioavailability of Iron, Zinc and Select Phytochemicals for Improved Health	\$962,419	1/29/2014	1/28/2019	ITHACA	NY
8062-22000-019-00D	IPM-BASED STRATEGIES FOR INCORPORATING MICROBIAL BIOLOGICAL CONTROL FOR MANAGEMENT OF GREENHOUSE AND NURSERY CROP PESTS	\$709,475	11/1/2010	10/31/2015	ITHACA	NY
8062-22000-021-00D	MANAGEMENT AND BIOLOGY OF VIRUS AND NEMATODE DISEASES OF POTATO AND SMALL GRAINS	\$1,179,826	2/26/2012	2/25/2017	ITHACA	NY
8062-22410-005-00D	FUNGAL RESOURCES FOR BIOLOGICAL CONTROL AND HIGH-VALUE USES	\$993,815	10/1/2010	9/9/2015	ITHACA	NY
8062-22620-004-00D	BIOLOGICAL CONTROL OF SWALLOW-WORTS, INVASIVE WEEDS OF THE NORTHEASTERN UNITED STATES	\$409,287	12/8/2010	12/7/2015	ITHACA	NY
8062-21000-035-00D	PSEUDOMONAS SYSTEMS BIOLOGY	\$1,440,457	2/26/2012	2/25/2017	ITHACA	NY
8062-22000-035-00D	FRAMEWORKS FOR INFECTIOUS DISEASE DYNAMICS	\$194,584	5/9/2012	5/8/2017	ITHACA	NY
8064-32000-056-00D	COUNTERMEASURES TO CONTROL FOREIGN ANIMAL DISEASES OF SWINE	\$1,004,091	10/11/2011	10/10/2016	ORIENT POINT	NY
8064-32000-057-00D	INTERVENTION STRATEGIES TO SUPPORT THE GLOBAL CONTROL AND ERADICATION OF FOOT-AND-MOUTH DISEASE VIRUS (FMDV)	\$2,854,108	10/11/2011	10/10/2016	ORIENT POINT	NY
8064-32000-058-00D	ECOLOGY AND PATHOGENESIS OF RE-EMERGING VESICULAR STOMATITIS VIRUS (VSV) IN NORTH AMERICA	\$272,173	10/27/2011	10/26/2016	ORIENT POINT	NY
8070-11130-002-00D	MANAGING FARMS FOR ENVIRONMENTAL STEWARDSHIP AND PROFIT	\$1,173,330	11/1/2010	10/31/2015	UNIVERSITY PARK	PA
8070-13000-012-00D	MANAGEMENT AND CONSERVATION PRACTICES TO IMPROVE WATER QUALITY IN AGROECOSYSTEMS OF THE NORTHEASTERN US	\$2,852,737	4/6/2012	4/5/2017	UNIVERSITY PARK	PA
8070-13000-013-00D	Water and Nutrient Management of Cranberry Farms to Enhance Water Resources In Massachusetts	\$345,411	6/19/2013	6/18/2018	UNIVERSITY PARK	PA
8070-21000-008-00D	Multifunctional Farms and Landscapes to Enhance Ecosystem Services	\$1,485,277	12/17/2012	12/16/2017	UNIVERSITY PARK	PA
8072-12000-011-00D	FUNCTION OF ARBUSCULAR MYCORRHIZAL FUNGI IN ORGANIC AND CONVENTIONAL AGRICULTURE	\$694,358	4/5/2011	4/4/2016	WYNDMOOR	PA
8072-42000-067-00D	MICROBIAL COMMUNITIES AND INTERACTIONS AND THEIR IMPACT ON FOOD SAFETY	\$1,563,067	2/10/2011	2/9/2016	WYNDMOOR	PA
8072-42000-070-00D	GENOMIC AND PROTEOMIC ANALYSIS OF FOODBORNE PATHOGENS	\$1,776,555	2/10/2011	2/9/2016	WYNDMOOR	PA
8072-42000-071-00D	DETECTION AND TYPING OF FOOD-BORNE PATHOGENS	\$1,735,442	4/1/2011	3/31/2016	WYNDMOOR	PA

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8072-42000-072-00D	INNOVATIVE PATHOGEN DETECTION AND CHARACTERIZATION TECHNOLOGIES FOR USE IN FOOD SAFETY	\$1,518,945	4/20/2011	4/19/2016	WYNDMOOR	PA
8072-41000-092-00D	INTEGRATED APPROACH TO PROCESS AND PACKAGE TECHNOLOGIES	\$1,178,378	2/10/2011	2/9/2016	WYNDMOOR	PA
8072-42000-056-00D	TECHNOLOGIES FOR THE DETECTION OF CHEMICAL AND BIOLOGICAL CONTAMINANTS IN FOODS	\$1,953,096	1/19/2011	1/18/2016	WYNDMOOR	PA
8072-42000-064-00D	DATA ACQUISITION AND MODELING FOR POULTRY FOOD SAFETY	\$419,483	1/11/2011	1/10/2016	WYNDMOOR	PA
8072-42000-075-00D	DEVELOPMENT OF PREDICTIVE MICROBIAL MODELS FOR FOOD SAFETY AND THEIR ASSOCIATED USE IN INTERNATIONAL MICROBIAL DATABASES	\$1,388,332	10/1/2011	9/30/2016	WYNDMOOR	PA
8072-41000-086-00D	MICROSTRUCTURED AND HEALTH-FUNCTIONALIZED FOOD PROTEINS	\$1,681,117	5/24/2010	5/23/2015	WYNDMOOR	PA
8072-41000-087-00D	SUSTAINABLE STRATEGIES TO LOWER THE ENVIRONMENTAL AND ECONOMIC IMPACTS OF FOOD PROCESSING USING FLUID MILK AS A TEMPLATE	\$1,060,550	5/24/2010	5/23/2015	WYNDMOOR	PA
8072-41000-088-00D	FUNCTIONAL FOOD DEVELOPMENT BY MICROBIAL BIOTECHNOLOGY	\$1,229,851	6/4/2010	6/3/2015	WYNDMOOR	PA
8072-41000-091-00D	PROCESSING METHODS TO MODIFY THE LEVELS OF BIOLOGICALLY ACTIVE COMPOUNDS IN MILK AND CHEESE	\$1,058,326	8/16/2010	8/15/2015	WYNDMOOR	PA
8072-41000-093-00D	Enable New Marketable, Value-added Coproducts to Improve Biorefining Profitability	\$2,133,178	9/8/2014	9/7/2019	WYNDMOOR	PA
8072-41000-094-00D	Sorghum Biorefining: Integrated Processes for Converting all Sorghum Feedstock Components to Fuels and Co-Products	\$1,320,576	10/29/2014	10/28/2019	WYNDMOOR	PA
8072-41000-095-00D	Farm-Scale Pyrolysis Biorefining	\$1,099,294	10/27/2014	10/26/2019	WYNDMOOR	PA
8072-41000-090-00D	PRODUCTION AND VALUE ENHANCEMENT OF BIOSURFACTANTS AND BIOPOLYMERS DERIVED FROM AGRICULTURAL LIPIDS AND COPRODUCTS	\$876,322	7/22/2010	7/21/2015	WYNDMOOR	PA
8072-41440-019-00D	ENVIRONMENTALLY FRIENDLY PROCESSES AND NEW APPLICATIONS FOR ANIMAL HIDES AND LEATHER	\$1,292,305	6/24/2010	6/23/2015	WYNDMOOR	PA
8072-41440-022-00D	BIOBASED INDUSTRIAL PRODUCTS FROM FOOD ANIMAL PROCESSING BY-PRODUCTS	\$1,217,357	9/1/2011	8/31/2015	WYNDMOOR	PA
8072-41420-015-00D	PATHOGEN PERSISTENCE AND PROCESSING OPTIMIZATION FOR ELIMINATION IN FOODS	\$1,117,461	1/19/2011	1/18/2016	WYNDMOOR	PA
8072-41420-017-00D	DEVELOPING PROCESSING INTERVENTION TECHNOLOGIES	\$1,414,597	2/10/2011	2/9/2016	WYNDMOOR	PA
8072-41420-018-00D	INTERVENTION TECHNOLOGIES FOR MINIMALLY PROCESSED FOODS	\$1,680,134	12/20/2010	12/19/2015	WYNDMOOR	PA
8072-42000-065-00D	PATHOGEN DETECTION AND INTERVENTION METHODS FOR SHELLFISH	\$865,694	1/31/2011	1/30/2016	WYNDMOOR	PA
8072-42000-073-00D	ALTERNATIVE FOOD PROCESSING TECHNOLOGIES	\$1,251,080	1/6/2011	1/5/2016	WYNDMOOR	PA
8080-21000-022-00D	Improving Stress and Disease Resistance in Tree Fruit Crops	\$1,300,045	5/22/2013	5/21/2018	KEARNEYSVILLE	WV
8080-21000-023-00D	Genetic Improvement of Fruit Crops through Functional Genomics and Breeding	\$2,454,363	4/4/2013	4/3/2018	KEARNEYSVILLE	WV
8080-21000-024-00D	Integrated Orchard Management and Automation for Deciduous Tree Fruit Crops	\$2,610,775	12/15/2013	12/14/2018	KEARNEYSVILLE	WV
8080-21000-025-00D	Production Management Research for Berry Crops	\$347,999	11/28/2013	11/27/2018	KEARNEYSVILLE	WV
8080-22000-009-00D	DEVELOPMENT OF BIOLOGICAL SYSTEMS FOR CONTROLLING FRUIT DECAY	\$368,970	3/20/2012	3/19/2017	KEARNEYSVILLE	WV
8082-31000-009-00D	UTILIZATION OF GENOMICS FOR IMPROVING PRODUCTION TRAITS IN COOL AND COLD WATER AQUACULTURE	\$2,136,631	12/14/2009	12/13/2014	LEETOWN	WV
8082-31000-010-00D	UTILIZING GENETICS AND PHYSIOLOGY FOR ENHANCING COOL AND COLD WATER AQUACULTURE PRODUCTION	\$1,733,031	1/11/2010	1/10/2015	LEETOWN	WV
8082-31000-011-00D	IDENTIFYING BIOCHEMICAL PATHWAYS USING GENETICALLY MODIFIED TROUT (UNIVERSITY OF CT)	\$421,178	1/11/2010	1/10/2015	LEETOWN	WV
8082-31320-001-00D	IMPROVING THE SUSTAINABILITY OF LAND-BASED CLOSED-CONTAINMENT SYSTEMS FOR SALMONID FOOD FISH PRODUCTION	\$1,633,979	12/2/2009	12/1/2014	LEETOWN	WV
8082-32000-005-00D	INTEGRATED APPROACHES FOR IMPROVING AQUATIC ANIMAL HEALTH IN COOL AND COLD WATER AQUACULTURE	\$1,664,167	12/9/2009	12/8/2014	LEETOWN	WV