

**Agriculture
October 2008
Awarded**

PI Name	Account #	Department	Sponsor	Title	Federal Competitive	Amount	Start	End
Ashurst, Kerri	3048105210	Family & Consumer Sciences	Kansas State University	Kentucky Operation: Military Kids		\$50,000	10/1/08	9/30/09
Barton, Christopher	3048105156	Forestry	American Chestnut Foundation	American Chestnut Restoration on Surface Mined Sites in Appalachia		\$25,000	7/1/08	4/30/10
Carter, Craig	3048105173	Livestock Diag Disease Center	Texas A&M University	R Equi Phneumonia: Airborne Exposure and Foal Immunity / Rhodococcus Equi Airborne Environmental Study		\$31,128	7/1/08	3/31/09
Carter, Craig	3048105224	Livestock Diag Disease Center	KY Department of Agriculture	Diagnostic Laboratory Services for Farmers and Agribusinesses		\$400,000	9/1/08	6/30/09
Chambers, Thomas	3048105193	Veterinary Science	Science Applications International Co	Testing Methods for Influenza Infection in Equine Models		\$10,371	10/10/08	5/29/09
Chappell, Joseph	3048105226	Plant & Soil Sciences	National Science Foundation	Development of a Sustainable Production Platform for Renewable Petroleum Based Oils in Algae	Yes	\$249,925	11/1/08	10/31/11
Cox, John	3049023072	Forestry	Cooperative State Research Education and Extension	Precision Agriculture: Subproject 6: Gray Fox Ecology and Monitoring in Kentucky		\$66,863	9/1/08	8/31/11
D'Angelo, Elisa	3048105209	RCTF-1-Plant Sciences-Agronomy	University of Georgia	S. Lucas-SARE: Effects of organic amendments on aggregation and microbial community dynamics in soils		\$10,000	9/1/08	8/31/10
Davies, Maelor	3048105197	Plant & Soil Sciences	Philip Morris International Management SA	Nicotiana Germplasm Survey		\$531,337	11/1/08	10/31/11
Fei, Songlin	3049023070	Forestry	Cooperative State Research Education and Extension	Precision Agriculture: Subproject 7: Harnessing Cell Phone Technology to Track the Black Bear in Eastern Kentucky		\$53,445	9/1/08	8/31/11
Fei, Songlin	3049023085	Forestry	Cooperative State Research Education and Extension	Precision Agriculture: Subproject 8: Identify Spatio-temporal Dispersal Corridors and Hotspots of Invasive Species		\$67,171	9/1/08	8/31/11
Grove, John	3049023069	Plant & Soil Sciences	Cooperative State Research Education and Extension	Precision Agriculture: Subproject 5: Surface Soil Hydrology: Management Driven or Map Predicted?		\$40,530	9/1/08	8/31/11
Hildebrand, David	3048105189	Plant & Soil Sciences	Consortium for Plant Biotechnology Research Inc	Oilseeds as a Renewable Source of Epoxy Fatty Acids		\$90,000	7/1/08	6/30/09
Johnson, Douglas	3048105164	Entomology	KY Small Grain Growers Association	Migration Patterns for Aphid Pests of Small Grains as Indexed by Capture in an Aphid Suction Trap (Year 3)		\$2,404	9/1/08	8/1/09
Lee, Brian	3049023068	Landscape Architecture	Cooperative State Research Education and Extension	Precision Agriculture: Subproject 4: Licking River Watershed Assessment and Classification		\$67,989	9/1/08	8/31/11
Lindemann, Merlin		Animal and Food Sciences	Agricultural Research Service	Impact of Fibrous Feedstuff on Marker Appearance and Disappearance, and on Nutrient Digestibility in Finishing Pigs		\$20,000	9/26/08	12/31/09
Luck, Joe	3049023074	Biosystems & Ag Eng	Cooperative State Research Education and Extension	Precision Agriculture: Subproject 2: Development of a GIS-Based Model for the Generation of Pesticide and Nutrient Distribution Maps		\$43,638	9/1/08	8/31/11

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Martin, James	3048105161	Plant & Soil Sciences	KY Small Grain Growers Association	Application Timing for Italian Ryegrass Control in Conventional & No-tillage Wheat		\$3,000	9/1/08	8/1/09
Martin, James	3048105162	Plant & Soil Sciences	KY Small Grain Growers Association	Influence of Timing of Topdressing Nitrogen Fertilizer Relative to Application of Osprey Herbicide		\$2,800	9/1/08	8/1/09
Meyer, Alphonse	3048105176	Agr Economics	University of Georgia	Agent Training for the Development of a Program in Farm Transitions		\$8,528	7/15/08	6/30/09
Mimbs, Cheryl	3048105175	Family Studies	KY Department of Education	Teacher Educators' Professional Development Grant - FY 09		\$10,000	9/16/08	6/30/09
Murdock, Lloyd	3048105163	Plant & Soil Sciences	KY Small Grain Growers Association	Improving Nitrogen Application Technology Under Kentucky Conditions □		\$5,000	9/1/08	8/1/09
Potter, Daniel	3048105160	Entomology	ParaTechs Corp	Development of a new production system for baculovirus pesticides		\$10,000	9/1/08	8/31/10
Purschwitz, Mark	3049023081	Biosystems & Ag Eng	National Institute of Occupational Safety and Health	Southeast Center for Agricultural Health and Injury Prevention: Smart ROPS	Yes	\$114,654	9/30/08	9/29/09
Sama, Michael	3049023073	Biosystems & Ag Eng	Cooperative State Research Education and Extension	Precision Agriculture: Subproject 1: A System for Implementing Dynamic Accuracy Standards for Machine Guidance Technology in Agriculture		\$62,271	9/1/08	8/31/11
Schardl, Christopher	3048105181	Plant Pathology	Cooperative State Research Education and Extension	Advanced Genetic Technologies		\$448,178	9/1/08	8/31/11
Schwab, Gregory	3048105165	Plant & Soil Sciences	KY Small Grain Growers Association	Wheat Management for Wet-Natured Soils		\$6,000	9/1/08	8/1/09
Stombaugh, Timothy	3049023067	Biosystems & Ag Eng	Cooperative State Research Education and Extension	Precision Agriculture: Subproject 3: Tools for Increasing Machine Efficiency in Irregular Fields		\$66,644	9/1/08	8/31/11
VanSanford, David	3048105167	Plant & Soil Sciences	KY Small Grain Growers Association	Soft Red Winter Wheat Breeding and Variety Development		\$39,750	9/1/08	8/1/09
Wendroth, Ole	3048105166	Plant & Soil Sciences	KY Small Grain Growers Association	Soil Mineral Nitrogen and Crop Biomass Dynamics of Winter Wheat in Space and Time in a Farmer's Field		\$4,500	9/1/08	8/1/09
Total Federal Competitive					\$364,579			
Total Value						\$2,541,126		