

**Agriculture  
April 2008  
Awarded**

PI Name	Department	Sponsor	Title	Federal Competitive	Amount	Start	End
Amaral-Phillips, Donna	Animal and Food Sciences	KY Beef Network	Master Grazer Educational Program Part II		\$177,791	10/1/2007	9/30/2009
Bailey, Ernest	Veterinary Science	University of Minnesota	Program in Equine Medical Genetics (subcontract)		\$27,000	11/1/2007	9/30/2008
Bailey, William	Plant & Soil Sciences	Advanced Technologies Cambridge Ltd	Pilot Study into Reduction of TSNA in Cured Burley Leaf		\$6,000	4/10/2008	4/9/2009
Balasuriya, Udeni	Veterinary Science	Fort Dodge Laboratories	Development and Characterization of Equine Arteritis Virus-Vectored Chimeric Viruses as Vaccines against Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)		\$211,000	3/26/2008	3/25/2010
Bruening, William	Plant & Soil Sciences	KY Soybean Promotion Board	Evaluation of Hulless Barley: Minimizing the Late-Planted Yield Penalty in Double-crop Soybeans		\$5,000	4/1/2008	3/31/2009
Ghabrial, Said	Plant Pathology	KY Soybean Promotion Board	Epidemiology of Bean Pod Mottle Virus and Resistance to Major Pathogens of Soybean		\$15,000	4/1/2008	3/31/2009
Goodin, Michael	Plant Pathology	National Science Foundation	A Host Protein Interaction and Localization Map for a Plant	Yes	\$200,000	6/1/2008	5/31/2009
Griffin, Ashley	e-Extension	University of Nebraska	HorseQuest Community of Practice		\$15,000	1/1/2008	12/31/2008
Grove, John	Plant & Soil Sciences	KY Soybean Promotion Board	Soybean Yield Response to Soil P and K Availability: Optimizing Fertilization Expenses		\$7,500	4/1/2008	3/31/2009
Hanley, Carol	Tracy Farmer Cntr for the Environment	KY Department of Education	Environmental Education at UK: Addendum		\$102,468	1/15/2008	6/30/2008
Hennig, Bernhard	Animal and Food Sciences	National Institute of Environmental Health Sciences	Nutrition and Superfund Chemical Toxicity	Yes	\$1,941,662	4/1/2008	3/31/2009
Herbek, James	Plant & Soil Sciences	KY Soybean Promotion Board	Optimum Planting Date for Soybean		\$2,000	4/1/2008	3/31/2009
Herbek, James	Plant & Soil Sciences	KY Soybean Promotion Board	Low Soybean Populations and Weed Control, Year 2		\$11,000	4/1/2008	3/31/2009
Hershman, Donald	Plant Pathology	KY Soybean Promotion Board	Impact of Newly-Recognized HG-Type 2 Populations of Soybean Cyst Nematode (SCN and Enhanced Grower Awareness of new SCN Challenges for Kentucky		\$9,100	4/1/2008	3/31/2009
Husband, Andrea	Agr Programs	New Mexico State University	Strengthening Community Agrosecurity Planning		\$38,500	4/1/2008	6/30/2008
Johnson, Douglas	Entomology	KY Soybean Promotion Board	Migration Patterns for Aphid Pests of Small Grains as Indexed by Capture in an Aphid Suction Trap - Resubmission for Year 2 (FY09)		\$2,388	4/1/2008	3/31/2009
Kachroo, Aardra	Plant Pathology	KY Soybean Promotion Board	Developing Glycerol as a Protective Agent Against Soybean Diseases Prevalent in Kentucky		\$22,443	4/1/2008	3/31/2009

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Kachroo, Pradeep	Plant Pathology	National Science Foundation	Glycerol Metabolism and Its Role in Biotrophy Versus Necrotrophy in an Arabidopsis/Fungal Hemibiotroph Model System	Yes	\$149,997	5/15/2008	4/30/2009
Lawrence, Laurie	Animal and Food Sciences	Cooperative Research Farms	Interactive Effects of Concentrate Starch and Soluble Fiber Levels on the Glucose and Insulin Responses of Horses		\$41,400	5/15/2008	5/15/2009
Lee, Chad	Plant & Soil Sciences	KY Soybean Promotion Board	Soy MVP: Soybean Management Verification Program		\$84,367	4/1/2008	3/31/2009
Obrycki, John	Entomology	Slow the Spread Foundation	Monitor Gypsy Moth Populations for Slow the Spread Program		\$64,446	1/1/2008	6/1/2009
Payne, Frederick	Biosystems & Ag Eng	Cooperative State Research Education and Extension	Syneresis Sensor Technology Development for Curd Moisture Content Control	Yes	\$182,996	4/1/2008	9/30/2009
Purschwitz, Mark	Biosystems & Ag Eng	National Institute of Occupational Safety and Health	Developing a Smart ROPS Decision Making Guide	Yes	\$103,346	9/30/2007	9/29/2008
Slack, Charles	Plant & Soil Sciences	Monsanto Co	Dicamba Tolerant Soybeans--Weed Control		\$6,000	3/1/2008	12/31/2009
Suman, Surendranath	Animal and Food Sciences	KY Beef Council	Investigating the Use of Ginger Extract to Improve Tenderness of Beef Biceps Femoris		\$20,000	5/1/2008	8/31/2009
Van Doren, Saratha	Plant & Soil Sciences	KY Soybean Promotion Board	Validation Trial for Yield Loss Prediction Model for Asian Soybean Rust		\$24,000	4/1/2008	3/31/2009
Wagner, George	Plant & Soil Sciences	Procter & Gamble Company	Production of Abietic Acid and Other Potentially-Useful, Related Diterpenes in Tobacco Trichomes		\$532,321	4/1/2008	3/31/2010
Total Federal Competitive					\$2,578,001		
Total Value					\$4,002,725		