

University of Arkansas

Agricultural Experiment Station(AES) /

College of Agricultural, Food and Life Sciences(CAFLS)

For Reported Month Ending: 8/31/2007

Summary of Proposal Activity

AES/CAFLS	Current Month		Previous Year same Month		Current YTD		Previous YTD	
Agricultural & Extension Education	0	\$0	0	\$0	0	\$0	0	\$0
Agricultural Economics & Agribusiness	0	\$0	0	\$0	0	\$0	0	\$0
Animal Sciences	4	\$123,962	0	\$0	7	\$179,052	4	\$167,038
Biological & Agricultural Engineering	3	\$42,097	0	\$0	14	\$316,480	0	\$0
College of Agriculture - ASU	2	\$47,010	2	\$56,226	2	\$47,010	2	\$56,226
Crop, Soil & Environmental Sciences	10	\$160,718	9	\$682,070	15	\$514,571	12	\$747,820
Entomology	1	\$115,000	2	\$137,788	4	\$254,765	4	\$167,038
Food Science	2	\$35,000	2	\$25,000	2	\$35,000	2	\$25,000
Horticulture	0	\$0	1	\$57,970	4	\$37,500	1	\$57,970
Human Environmental Sciences	0	\$0	0	\$0	0	\$0	0	\$0
Interdisciplinary - Division of Agriculture	0	\$0	0	\$0	1	\$22,560	1	\$68,367
Interdisciplinary - Experiment Station	0	\$0	1	\$683,000	0	\$0	1	\$683,000
Northeast Research & Extension Center	2	\$50,839	2	\$46,835	2	\$50,839	2	\$46,835
Plant Pathology	2	\$29,910	3	\$54,524	4	\$96,230	4	\$60,524
Poultry Science	2	\$50,000	0	\$0	7	\$171,033	2	\$571,107
Rice Research & Extension Center	0	\$0	1	\$50,000	2	\$216,289	2	\$100,000
School of Forest Resources	0	\$0	2	\$50,000	1	\$14,875	4	\$491,335
Southeast Research & Extension Center	2	\$21,725	1	\$19,661	2	\$21,725	1	\$19,661
Southwest Research & Extension Center	1	\$24,094	0	\$0	2	\$73,667	0	\$0
SubTotal - AES/CAFLS	31	\$700,355	26	\$1,863,074	69	\$2,051,596	42	\$3,261,921
Other	Current Month		Previous Year same Month		Current YTD		Previous YTD	
Cooperative Extension Service	0	\$0	0	\$0	1	\$105,195	0	\$0
Interdisciplinary - Other	0	\$0	0	\$0	2	\$2,500,000	0	\$0
Other USDA - Non Division of Agriculture	0	\$0	1	\$39,039	0	\$0	1	\$39,039
SubTotal - Other	0	\$0	1	\$39,039	3	\$2,605,195	1	\$39,039
Total	31	\$700,355	27	\$1,902,113	72	\$4,656,791	43	\$3,300,960

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For Reported Month Ending

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Monthly Proposal Activity Detail

	<i>Sponsor</i>	<i>Funding Program</i>	<i>Research Area</i>	<i>Proposed Amt</i>
Animal Sciences				
	31491	CAN Technologies, Inc.	Evaluation of a Corn By-Product on Growth Performance of Grower-Finisher Pigs	\$15,000
Lead	ANSC	Charles Maxwell		
	31566	Arkansas Beef Council	Low-Value Beef Study FY 2007	\$52,075
Lead	ANSC	Fred Pohlman		
	31567	Arkansas Beef Council	Vacuum-Pack Beef Study FY 2007	\$20,237
Lead	ANSC	Jason Apple		
	31568	Arkansas Beef Council	Dark-Cutting Beef Study FY 2007	\$36,650
Lead	ANSC	Jason Apple		
Biological & Agricultural Engineering				
	31726	Beaver Water District	Watershed Investigative Support to the Beaver Water District	\$10,000
Lead	BAEG	B. Haggard		
	32047	Cotton Incorporated	Application of Cotton Gin Waste and Recycled Cotton Bale Wrap in Ligno-Cellulosic Composites (LCC)	\$5,299
Lead	BAEG	Sreekala Bajwa		
	32106	Cotton Incorporated	Soil Compaction Study Using Precision Agriculture Technology	\$26,798
Lead	BAEG	Sreekala Bajwa		
College of Agriculture - ASU				
	32112	Cotton Incorporated	Interactions of Irrigation and Insect Pests: Crop Vigor and Compensation Following Stress	\$26,544
Lead	XASU	Tina Teague		

<i>Sponsor</i>			<i>Funding Program</i>	<i>Research Area</i>	<i>Proposed Amt</i>
	32113	Cotton Incorporated		Insect Pest Problems in Reduced Tillage Cotton Systems	\$20,466
Lead	XASU	Tina Teague			
<i>Crop, Soil & Environmental Sciences</i>					
	30900	USDA ARS		Breeding high yielding MG4-6 soybean lines with mid-oleic acid (50-60%) for the mid-south	\$39,625
Lead	CSES	Pengyin Chen			
	31539	USDA CSREES - Prime		2007 IR-4 Support for Performance Trials	\$1,750
Lead	CSES	Nilda Burgos			
	31605	USDA ARS		FY07 Research Support	\$12,340
Lead	CSES	Philip Moore			
	32099	Cotton Incorporated		Proceedings of Annual Arkansas Cotton Research Meeting and Summaries of Research in Progress Plus Graduate Student Award and Graduate Research Summaries	\$6,500
Lead	CSES	Derrick Oosterhuis			
	32101	Cotton Incorporated		Effect of high temperatures early in the season, and early irrigation, on squares and subsequent reproductive development, yield and fiber quality	\$15,975
Lead	CSES	Derrick Oosterhuis			
	32105	Cotton Incorporated		Rate and quantitative movement of liquid fertilizers and plant growth regulators across cotton leaf cuticles, and the benefits of adjuvants	\$4,950
Lead	CSES	Derrick Oosterhuis			
	32107	Cotton Incorporated		Spread and Population Genetics of Glyphosate-Resistant Palmer amaranth in Arkansas	\$25,375
Lead	CSES	Nilda Burgos			
		CSES	Jason Norsworthy		
	32109	Cotton Incorporated		Phosphorus and Potassium Fertility for Improving Cotton Production in Arkansas	\$22,841
Lead	CSES	M Mozaffari			
		CSES	Nathan Slaton		

<i>Sponsor</i>			<i>Funding Program</i>	<i>Research Area</i>	<i>Proposed Amt</i>
	32110	Cotton Incorporated		Can a Pre-sidedress Soil Test Nitrogen Improve Cotton Production in Arkansas?	\$19,455
Lead	CSES	M Mozaffari			
	CSES	Nathan Slaton			
	32111	Cotton Incorporated		Development of a Model to Predict Evolution of Glyphosate-Resistant Palmer Amaranth	\$11,907
Lead	CSES	Jason Norsworthy			
	BAEG	K Smith			
	CSES	Marilyn McClelland			
<i>Entomology</i>					
	32086	USDA FS		Applied Silvicultural Assessment of Upland Oak-Hickory forests and the Red Oak Borer in the Ozark and Ouachita Mountains of Arkansas	\$115,000
Lead	ENTO	Fred Stephen			
<i>Food Science</i>					
	32084	USDA ARS		The Evaluation of the Physiologic and Microbial Parameters in Laying Hens During an Induced Molt Using Alternative Molting Diets	\$25,000
Lead	FDSC	Steven Ricke			
	32085	USDA ARS		Molecular Application Towards Understanding Bacterial Functionality in the Gastrointestinal Tract of Poultry	\$10,000
Lead	FDSC	Steven Ricke			
<i>Northeast Research & Extension Center</i>					
	32100	Cotton Incorporated		Genetic improvement of cotton for Arkansas conditions	\$26,804
Lead	NERE	Fred Bourland			
	32104	Cotton Incorporated		Effect of alternative seeding patterns, seeding rate, and seeding configuration on yield in a cotton production system	\$24,035
Lead	NERE	Daniel Stephenson			

	<i>Sponsor</i>	<i>Funding Program</i>	<i>Research Area</i>	<i>Proposed Amt</i>
<i>Plant Pathology</i>				
	32098 USDA SARE Prime	SARE	Importance of Brassica Soil Amendments for Managing soilborne Disease in Ornamentals and Vegetables	\$9,994
Lead	PLPA	Craig Rothrock		
	32102 Cotton Incorporated		Characterizing within-field distribution and microenvironment of cotton affected by the interaction between nematodes and the black root rot pathogen, <i>Thielaviopsis basicola</i>	\$19,916
Lead	PLPA	Craig Rothrock		
<i>Poultry Science</i>				
	32090 Danisco Animal Nutrition		The Effect of Enzyme Addition on Nutrient Degestibility of DDGS	\$25,000
Lead	POSC	Craig Coon		
	32091 Danisco Animal Nutrition		The Effect of Various Enzymes on Rice Bran and DDGS Degestibility in Poultry	\$25,000
Lead	POSC	Craig Coon		
<i>Southeast Research & Extension Center</i>				
	32046 Monsanto Company		RKN Field Tests	\$2,064
Lead	SERE	Clifford Coker		
	32103 Cotton Incorporated		Glyphosate-Tolerant Palmer Amaranth Screen in Arkansas	\$19,661
Lead	SERE	Ken Smith		
<i>Southwest Research & Extension Center</i>				
	32108 Cotton Incorporated		Damage Thresholds for Nematodes Based on Soil Texture, Hardpans, and Black Root Rot	\$24,094
Lead	SWRE	Terry Kirkpatrick		