

University of Arkansas

Agricultural Experiment Station(AES) /

College of Agricultural, Food and Life Sciences(CAFLS)

For Reported Month Ending: 1/31/2008

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	1	\$24,635	4	\$185,350	2	\$64,635
Animal Sciences	2	\$62,781	2	\$415,800	13	\$336,963	10	\$844,466
Biological & Agricultural Engineering	3	\$193,924	5	\$195,320	19	\$638,304	8	\$1,328,851
College of Agriculture - ASU	2	\$53,636	0	\$0	4	\$100,646	2	\$56,226
Crop, Soil & Environmental Sciences	13	\$601,846	8	\$328,826	32	\$1,400,907	23	\$1,389,910
Entomology	1	\$30,232	4	\$224,785	7	\$310,497	9	\$401,922
Food Science	6	\$500,275	3	\$3,028,662	11	\$761,910	13	\$4,614,447
Horticulture	3	\$853,451	1	\$12,000	10	\$1,400,925	3	\$82,470
Human Environmental Sciences	0	\$0	1	\$442,819	0	\$0	2	\$445,315
Interdisciplinary - Division of Agriculture	0	\$0	0	\$0	1	\$22,560	1	\$68,367
Interdisciplinary - Experiment Station	0	\$0	1	\$21,124	0	\$0	4	\$778,986
Northeast Research & Extension Center	1	\$43,000	0	\$0	4	\$103,839	4	\$104,835
Plant Pathology	2	\$55,089	1	\$30,400	8	\$400,320	8	\$1,012,192
Poultry Science	0	\$0	6	\$733,684	14	\$330,727	20	\$3,382,769
Rice Research & Extension Center	4	\$102,601	1	\$16,509	6	\$318,890	4	\$300,333
School of Forest Resources	1	\$11,222	1	\$52,164	4	\$236,027	9	\$617,557
Southeast Research & Extension Center	0	\$0	1	\$24,537	3	\$34,475	2	\$44,198
Southwest Research & Extension Center	0	\$0	0	\$0	2	\$73,667	0	\$0
SubTotal - AES/CAFLS	38	\$2,508,057	36	\$5,551,265	142	\$6,656,007	124	\$15,537,479
Other	Current Month		Previous Year same Month		Current YTD		Previous YTD	
Cooperative Extension Service	10	\$292,137	6	\$174,130	11	\$397,332	6	\$174,130
Interdisciplinary - Other	0	\$0	2	\$899,795	2	\$2,500,000	6	\$1,953,175
Other USDA - Non Division of Agriculture	0	\$0	1	\$25,000	0	\$0	3	\$249,039
SubTotal - Other	10	\$292,137	9	\$1,098,925	13	\$2,897,332	15	\$2,376,344
Total	48	\$2,800,194	45	\$6,650,190	155	\$9,553,339	139	\$17,913,823

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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				
	32239 Charles River Laboratories		Safe-Guard Deworming Trial for Turkeys	\$19,431
Lead	ANSC	Thomas Yazwinski		
	32258 Fort Dodge Animal Health		Effects of AYNOVEX Plus LA Implants on Performance of heifers on Pasture in Arkansas	\$43,350
Lead	ANSC	Thomas Yazwinski		
Biological & Agricultural Engineering				
	32190 Cotton Incorporated		Application of Cotton Gin Waste and Recycled Cotton Bale Wrap in Ligno-Cellulosic Composites (LCC)	\$18,883
Lead	BAEG	Sreekala Bajwa		
	32255 USDA CSREES	NRICGP Equipment Grant	Acquisition of an HPLC/RI/ELSD Station to Enhance Research on Hemicellulose Depolymerization	\$41,041
Lead	BAEG	D. Carrier		
	32359 Arkansas Natural Resources Commission		Implementation of Low Impact Development BMP's to Control Sediment from Urban Development in Fayetteville, AR	\$134,000
Lead	BAEG	Marty Matlock		
College of Agriculture - ASU				
	32197 Rice Research and Promotion Board		Strategies for the Development of Rice Varieties with Enhanced Nutritional Content and Tolerance to Abiotic Stresses	\$37,680
	XASU	Gregory Phillips		
	32204 Rice Research and Promotion Board		Integration of new bioanalytical and proteomic tools with genomics	\$15,956
Lead	XASU	B Savary		

		<i>Sponsor</i>	<i>Funding Program</i>	<i>Research Area</i>	<i>Proposed Amt</i>
Cooperative Extension Service					
		32198	Rice Research and Promotion Board	Delignification of Rice Straw by Fast Pyrolysis for Bio-Oil and Alcohol Production	\$54,480
Lead	XCES		S Sadaka		
		32209	Arkansas Corn & Grain Sorghum Board	Management of Grain Sorghum Diseases in Arkansas	\$35,000
Lead	XCES		Richard Cartwright		
		32210	Arkansas Corn & Grain Sorghum Board	Practicality Evaluation of Grain Storage Techniques	\$30,500
Lead	XCES		Dennis Gardisser		
		32211	Arkansas Corn & Grain Sorghum Board	Developing Planting Date Guidelines for Arkansas Corn	\$30,980
Lead	XCES		Jason Kelley		
		32212	Arkansas Corn & Grain Sorghum Board	Improving Technology Transfer for Profitable Corn and Grain Sorghum Production in Arkansas	\$28,480
Lead	XCES		Jason Kelley		
		32213	Arkansas Corn & Grain Sorghum Board	Assessment of the Importance of Nematodes and Foliar Disease in Corn in Arkansas	\$45,466
Lead	SWRE XCES		Terry Kirkpatrick Scott Monfort		
		32222	Arkansas Corn & Grain Sorghum Board	Site-specific determination of in-season corn nutrient and nutrient and pH variability under Arkansas growing conditions	\$33,226
Lead	XCES		D Saraswat		
		32224	Arkansas Corn & Grain Sorghum Board	Economic Analysis of Corn and Grain Sorghum Production Practices	\$5,784
Lead	XCES		H. Scott Stiles		
		32225	Arkansas Corn & Grain Sorghum Board	Managing Southwestern Corn Borer Using Short-Season Corn Hybrids	\$17,509
Lead	XCES NERE		Glenn Stuebaker Daniel Stephenson		

		<i>Sponsor</i>	<i>Funding Program</i>	<i>Research Area</i>	<i>Proposed Amt</i>
		32226 Arkansas Corn & Grain Sorghum Board		Evaluating the Length of Residual Activity and Rain-fastness of Recommended Foliar Insecticides against Southwestern Corn Borers	\$10,712
Lead	XCES	Glenn Stuebaker			
<i>Crop, Soil & Environmental Sciences</i>					
		32191 Cotton Incorporated		Introgression Of Gossypium Germplasm To Increase Genetic Diversity For Cotton Improvement	\$50,000
Lead	CSES	James Stewart			
		32193 US Geological Survey		Role of Fluvial Sediments in Modifying Phosphorus Export from Northwest Arkansas Watersheds	\$24,098
Lead	CSES	Andrew Sharpley			
		32202 Rice Research and Promotion Board		Assessment of the Carbon Sequestration Potential of Soils Cropped to Rice	\$22,902
Lead	CSES	Kristofor Brye			
		32214 Arkansas Corn & Grain Sorghum Board		Substitution of Commercial Nitrogen Needs in Corn by Use of Leguminous Cover and Companion Crops with Potential for Added Crop Residue Use	\$29,993
	CSES	Kristofor Brye			
Lead	CSES	David Longer			
	AEAB	Michael Popp			
		32215 Arkansas Corn & Grain Sorghum Board		Agronomic and Economic Evaluation of Using Poultry Manure as A Nitrogen Fertilizer (corn)	\$28,473
	AEAB	J Goodwin			
	CSES	Nathan Slaton			
Lead	CSES	M Mozaffari			
		32216 Arkansas Corn & Grain Sorghum Board		Increasing profitability of Corn Production by Improving Phosphorus and Potassium Fertilizer Recommendations	\$27,419
	CSES	Nathan Slaton			
Lead	CSES	M Mozaffari			

		<i>Sponsor</i>	<i>Funding Program</i>	<i>Research Area</i>	<i>Proposed Amt</i>
		32217 Arkansas Corn & Grain Sorghum Board		Can Our Sorghum Growers Increase Profits by Using Agrotain and Chlorophyll Meter	\$34,673
Lead	CSES	M Mozaffari			
		32219 Arkansas Corn & Grain Sorghum Board		Weed Control Programs in Arkansas Corn	\$41,302
	SERE	Ken Smith			
Lead	CSES	Lawrence Oliver			
		32220 Arkansas Corn & Grain Sorghum Board		Integrating Short-Season Corn Hybrids into Arkansas Production Practices	\$40,830
	AEAB	Michael Popp			
	SEST	Larry Earnest			
	NERE	Daniel Stephenson			
Lead	CSES	Larry Purcell			
		32221 Arkansas Corn & Grain Sorghum Board		Predicting in-season N needs of corn from digital images	\$39,121
Lead	CSES	Larry Purcell			
	HORT	Douglas Karcher			
	CSES	M Mozaffari			
		32223 Arkansas Corn & Grain Sorghum Board		Urea infiltration, movement, and persistence, and enzyme activities	\$18,400
	CSES	Rick Norman			
Lead	CSES	Mary Savin			
		32244 USAID (Prime)		USAID Cotton Breeder Training	\$32,160
Lead	CSES	James Stewart			
		32257 USDA CSREES - Prime	NRICGP	Quantification and Control of Bacterial Pathogens in Agricultural Watersheds	\$212,475
Lead	CSES	Andrew Sharpley			
<i>Entomology</i>					
		32218 Arkansas Corn & Grain Sorghum Board		Improvement of Insect Management Programs for Arkansas Field Corn	\$30,232
Lead	ENTO	Paul McLeod			

<i>Sponsor</i>			<i>Funding Program</i>	<i>Research Area</i>	<i>Proposed Amt</i>
<i>Food Science</i>					
	32196	Rice Research and Promotion Board		Quality of Long and Medium Whole Grain Brown and White Rice During Milling and Storage	\$42,160
Lead	FDSC	Navaam Hettiarachchy			
	32199	Rice Research and Promotion Board		Improving Drying Uniformity through the Use of Desiccants	\$19,831
Lead	FDSC	Terry Siebenmorgen			
	32200	Rice Research and Promotion Board		Impact of Cultivar, Processing and Storage on the Health-Promoting Starch Fractions in Rice	\$54,092
Lead	FDSC	Ya-Jane Wang			
	32201	Rice Research and Promotion Board		Pre-Milling Treatments to Accelerate Rice Aging and Stabilize Functional Properties during Storage	\$43,750
Lead	FDSC	Ya-Jane Wang			
	32240	Missouri Wine & Grape Board (PRIME)		FY06-FY07 Coop Agreement - MO Grape and Wine Projects	\$10,000
Lead	FDSC	Justin Morris			
	32256	USDA CSREES	NRICGP	Structure and Conformation of Amylose and Amylopectin on Controlling Swelling, Leaching, and Retrogradation of Corn Mutant Starches	\$330,442
Lead	FDSC	Ya-Jane Wang			
<i>Horticulture</i>					
	32243	Southern Region Small Fruit Consortium		Evaluation of Self- and Cross-Fertility and Increased Heat Tolerance of Primocane-Fruiting blackberry Genotypes	\$4,312
Lead	HORT	John Clark			
	32295	USDA CSREES	IREECGP (406)	Best management practices for organic orchard nutrition	\$810,730
	CSES	Mary Savin			
	AEAB	Jennie Popp			
Lead	HORT	Curt Rom			
	ENTO	Donn Johnson			

<i>Sponsor</i>			<i>Funding Program</i>	<i>Research Area</i>	<i>Proposed Amt</i>
	32347	Organic Farming Research Foundation		Off-Season Organic Balckberry and Raspberry Production to Expand Markets and Sustain Farm Profitability	\$38,409
Lead	HORT	Curt Rom			
<i>Northeast Research & Extension Center</i>					
	32253	Cotton Incorporated		Development of Cotton Breeding Techniques and Germplasm to Enhance Cotton Yield and Quality	\$43,000
	CSES	Derrick Oosterhuis			
Lead	NERE	Fred Bourland			
<i>Plant Pathology</i>					
	32227	Arkansas Corn & Grain Sorghum Board		Resistance of Grain Sorghum Hybrids to Anthracnose Races	\$31,089
Lead	PLPA	David TeBeest			
	32247	Monsanto Company		Foliar treatment Effect of Glyphosate and N-Acetyl Glyphosate on Soybean Diseases	\$24,000
Lead	PLPA	John Rupe			
<i>Rice Research & Extension Center</i>					
	32195	Rice Research and Promotion Board		Time and DD50 interval determinations for a successful ratoon rice crop	\$10,044
Lead	RIRE	Paul Counce			
	32203	Rice Research and Promotion Board		Merging genetic resistance and agricultural practices to manage false smut disease of rice	\$24,004
	RIRE	Merle Anders			
Lead	RIRE	Steven Brooks			
	32205	Rice Research and Promotion Board		Development of DNA Markers for Straighthead Resistance for Breeding	\$49,140
Lead	RIRE	Wen-Gui Yan			
	32208	Arkansas Corn & Grain Sorghum Board		Improving corn grain yield and fertilizer efficiency in rotations that contain rice through the use of deep tillage	\$19,413
Lead	RIRE	Merle Anders			

<i>Sponsor</i>			<i>Funding Program</i>	<i>Research Area</i>	<i>Proposed Amt</i>
<i>School of Forest Resources</i>					
	32284	Weyerhaeuser Company		Analysis of Water Quality and quantification of the Effects of Forest Management in the Little Glazypeau Watershed - FY 08	\$11,222
Lead	UAMF	Hal Liechty			