

**2017-2018 Statement of Research Allocations
Arkansas Rice Research and Promotion Board**

Title/P.I.	Check-Off	TRQ
I. ECOSYSTEMS		
A. Grand Prairie - R. C. Scott, Zone Coordinator	397,064	0
B. White River - J. Hardke, Zone Coordinator	423,958	0
C. Mississippi Delta - R.J. Norman, Zone Coordinator	342,978	0
Subtotal	1,164,000	0
II. BREEDING AND PHYSIOLOGY		
Arkansas Rice Performance Trials <i>J. Hardke</i>	78,000	0
Breeding and evaluation for improved rice varieties <i>K. Moldenhauer</i>	350,000	0
Rice breeding and pathology tech support <i>K. Moldenhauer</i>	150,000	0
Quality Analysis for rice breeding and genetics <i>K. Moldenhauer, et al.</i>	140,000	0
Development of superior medium-grain and long-grain rice varieties for Arkansas and the mid-south (renewal Yr 2 of 3). <i>X. Sha</i>	320,000	0
Breeding and evaluation for hybrid rice adapted to the southern USA <i>E. Shakiba</i>	0	206,000
Marker-assisted selection for advanced rice breeding and genetics <i>E. Shakiba, et al.</i>	0	150,000
Development of practical diagnostic methods for monitoring rice bacterial panicle blight disease and evaluate rice germplasm for resistance <i>Y. Wamishie, et al.</i>	58,000	0
Subtotal (Breeding)	1,096,000	356,000
III. GENOMICS		
Improving grain yield and quality under high nighttime temperature using functional gene markers of the HYR regulated pathway <i>A. Pereira</i>	0	40,000
Subtotal	0	40,000
IV. ENVIRONMENT		
Potential exposure of honey bees to insecticides in rice, 2017 <i>G. Lorenz and J. Hardke</i>	19,000	0
Early detection protocols and soil management techniques to assess heavy metals concentrations in rice <i>T. Roberts</i>	54,240	0
Subtotal	73,240	0
V. VERIFICATION		
Rice Research Verification Program <i>J. Hardke</i>	185,000	0

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Subtotal	185,000	0
VI. POST HARVEST		
Impacts of drying and milling practices on rice milling yields <i>T. Siebenmorgen, et al.</i>	71,000	4,000
Subtotal	71,000	4,000
VII. INFORMATIONAL PROGRAMS		
Editing and publishing B.R. Wells Rice Research studies, 2016 <i>R. Norman and K. Moldenhauer</i>	5,000	0
Subtotal	5,000	0
VIII. ECONOMICS		
Rice enterprise budgets and production economic analysis (renewal Yr 3 of 3). <i>A. Flanders</i>	8,000	0
Analysis of farm policy programs and competitiveness of Arkansas and U.S. rice <i>A. Durand-Morat, B. Watkins and E. Wailes</i>	16,000	0
Subtotal	24,000	0
IX. IRRIGATION AND WATER MANAGEMENT		
Agronomics of alternative irrigation strategies (ongoing). <i>J. Hardke</i>	126,000	0
Developing irrigation tools for furrow irrigated rice (ongoing). <i>C. Henry</i>	80,000	0
Subtotal	206,000	0
	2,824,240	400,000
Grand Total	3,224,240	