

Wheat and Feed Grain Proposals for 2016

| Proj # | | | 2016 | 2016 | |
|--------|---|--|------------------|---------------------|------------|
| 2016 | Titles | Researchers | requested | funded | |
| 1 | Comparison of On-Farm Irrigation Scheduling Practices in Southeast Alabama Grain Production | Dillard, Kelton, Bouselmi | 7,500 | 7,500 | |
| 2 | Evaluation of Effects of Foliar Fungicide Applications on Diseases of Wheat | Bowen | 5,734.80 | 5,000 | |
| 3 | Alabama Crop Production Mobile App Upgrade | Dillard, Kelton, Runge | 3,000 | 3,000 | |
| 4 | Maintenance and Expansion of the ACES Web Sites for Alabama Crops and Corn Production | Dillard, Delaney, Monks | 10,000 | 10,000 | |
| 5 | Monitoring Hessian Fly populations in Alabama | Flanders, Ortiz, Jacobson | 6,640 | 6,640 | |
| 6 | Emerging pests of corn -- sap beetles and brown marmorated stinkbug | Flanders, Bowen, Ray, Ortiz | 9,720 | 9,720 | |
| 7 | Management of nematodes in corn | Hagan, Bowen | 6,000 | 6,000 | |
| 8 | Management of southern rust and other diseases in early and double cropped corn. | Hagan and Bowen | 8,000 | 8,000 | |
| 9 | Alabama Corn and Wheat Short Course | Ortiz, Dillard, Hicks, Sandlin, Wilkins, Flanders | 3,000 | 3,000 | |
| 10 | On-Farm Evaluation of Wheat Varieties | Ortiz, B. Dillard, Yates, Wilkins, Hicks, Sandlin | 5,000 | 5,000 | |
| 11 | Evaluation of the Performance of Drought Tolerant Corn Hybrids in Alabama | Ortiz, Flanders, Hicks, Wilkins, Sandlin | 13,000 | 13,000 | |
| 12 | Demonstration of Sensor-based Irrigation Scheduling Technology | Ortiz, Pate | 7,000 | 7,000 | |
| 13 | Teaching Alabama Farmers Introductory Concepts about using Unmanned Aerial Vehicles in Crop Production | Hall, Broadbeck, Walker | 15,000 | 0 | |
| 14 | Alabama On-Farm Corn Hybrid Performance Tests | Yates, Ortiz, B. Dillard, Wilkins, Hicks, Sandlin, Kelton, Colquitt | 12,500 | 12,500 | |
| 15 | Black Belt and Wiregrass On-Farm Corn Population Performance Tests | Yates, B. Dillard, Kelton, Ortiz | 4,000 | 4,000 | |
| 16 | Precision Agriculture online lessons | Hall | 3,750 | 3,750 | |
| 17 | Benefits of Residual Nitrogen on Corn Production Following Two years of Wheat/Soybean Production Using Poultry Litter | Hall, Reed, Sandlin | 5,000 | 5,000 | |
| 18 | Unmanned aerial vehicle use to determine crop disease, insect and fertility needs of corn and wheat | Hall, Broadbeck, Sandlin, Reed | 5,000 | 5,000 | |
| 19 | Production, Quality and Diseases of Malting Barley | Hagan, Mask, Bowen | 8,000 | 0 | |
| 20 | Management of diseases in grain sorghum | Hagan | 8,000 | 4,000 | |
| 21 | Stored Grain Management (Renewal from 2014) | Flanders, Hicks, Dillard | 4,500 | 4,500 | |
| 22 | Disease monitoring on wheat varieties | Bowen | 3,400 | 3,400 | |
| 23 | Cover Crop Mixtures for Conservation Tillage Corn Production | Balkcom, Delaney, Price, Duzy | 3,000 | 3,000 | |
| 24 | Management of Sugarcane Aphid on Sorghum in Alabama | Jacobson, Flanders, Wilkins | 5,000 | 5,000 | |
| 25 | Evaluation of HPPD inhibitors for postemergence control of morningglories and Palmer pigweed in corn | Ducar, Delaney, Price | 10,000 | 10,000 | |
| 26 | UAVs applications in Alabama farming | Ortiz, Pate, Porter, Knappenberger, Hagan, Flanders, Broadbeck, Dougherty, Marzen, Balkcom | 0 | 0 | |
| 27 | Research and Economics of Safe Corn Storage in the Southeastern US | Toews, Flanders, Ni | 19,397 | 19,397 | |
| 28 | Impact of Sampling Depth of Phosphorus Soil Analysis and Fertilizer Recommendations for Wheat & Feed Grain | Huluka, Mitchell | 7,000 | 7,000 | |
| 29 | Improving Soil Quality in Alabama | Huluka, Mitchell | 12,500 | 12,500 | |
| 30 | Old Rotation-Support of long-term field research | Mitchell, Delaney, Balkcom | 5,000 | 5,000 | |
| 31 | Weighing Grain Buggies for Large Scale Tests | Delaney, Yates, Ortiz, Hicks, Wilkins | 28,000 | 28,000 | |
| 32 | Ag Discovery Day | Monks, Kriese-Anderson, Pate, Smith, Hicks, Mask | 6,000 | 6,000 | |
| 33 | Evaluation of Zidua and Fierce for ryegrass control in wheat | Ducar, Delaney, Price | 12,000 | 12,000 | |
| 34 | Precision Agriculture workshop | Ortiz, Dillard, Hicks, Sandlin, Pate | 3,000 | 3,000 | |
| 35 | Fall Residual Control of Glyphosate Italian Ryegrass in Corn | Sandlin, Ducar | 7,500 | 7,500 | |
| 36 | New aphid - Hedgehog Grain Aphid | Flanders, Bowen, Hagan, Yates, Smitherman | 14,000 | 12,000 | |
| | | TOTAL RESEARCH | \$286,142 | \$256,407.00 | |
| | | | | -19,397 | Sent to GA |
| | | | | \$237,010.00 | Send to AU |

| Wheat and Feed Grain Other Proposals for 2016 | | | |
|--|--|----------------------|-----------------|
| Spring Judging Clinic | | | 750 |
| Farm City Luncheon and Awards | | | 300 |
| 4-H Livestock Shows | | | 2,000 |
| State FFA Proficiency Awards | | | 500 |
| Ag Ambassador Shirts | | | 500 |
| Alabama Soybean & Corn Assoc. - travel cost to meetings for Delegate & Alternate | | | 8,500 |
| Alabama Soybean & Corn Assoc. - Corn production meeting January 2017 | | | 7,500 |
| AMCOE | | | 50,000 |
| Advertising during Simply Southern | | | 13,000 |
| | | TOTAL OTHER | \$83,050 |
| Commodity Classic | | | 15,000 |
| | | TOTAL FUNDING | \$98,050 |