

2017 FUNDED RESEARCH

| Proposal # | Principal Investigator/Coordinating Investigators | Title | Funded CI |
|-------------------|--|---|-------------------|
| 1 | Dr. Jared Whitaker | Extension Cotton Team FY17 Grant Request | 98,600.00 |
| 2 | Dr. Stanley Culpepper | Maximizing Palmer amaranth control while minimizing injury in Georgia Cotton | 39,000.00 |
| 3 | Dr. Peng W. Chee | Development of Diagnostic Markers for Root-knot Nematode Resistant Genes in Cotton | 25,000.00 |
| 4 | Dr. Peng W. Chee | Breeding Georgia-Adapted Cotton Germplasm and Cultivars with Emphasis on Root-Knot Nematode Resistance | 39,820.00 |
| 5 | Dr. John Snider | Identifying critical seeding rates, planting depths, and temperature conditions for specific seed characteristics in cotton | 74,268.00 |
| 6 | Dr. Wesley Porter | Continuation of a Pilot Program for Establishing a Sustainability Baseline for Cotton Production in Georgia | 23,900.00 |
| 7 | Dr. Wesley Porter | Investigation of Individual Planter Components on Seed Placement and Methods to Utilize Seeding Vigor for Compensation | 25,100.00 |
| 8 | Dr. Don Shurley | Development of Representative Georgia Cotton Farms for Outlook and Policy Analysis | 12,500.00 |
| 9 | Dr. William K. Vencill | Herbicide Resistant Weeds in Georgia: Physiology | 7,000.00 |
| 10 | Dr. George Vellidis | A Holistic Solution to Using Soil Moisture Data for Scheduling Irrigation | 36,578.00 |
| 11 | Dr. Greg Payne | Insecticide Resistance Monitoring of Heliothines in Cotton | 20,000.00 |
| 12 | Dr. John All | Influence of Burning Small Grain Debris on Management of Thrips, Short-horned Grasshoppers, & Other Early Season Pests in Conservation Tillage Cotton | 10,000.00 |
| 13 | Dr. Changying Li | Phenotyping Cotton Height and Flowering Using Ground Proximal Image Sensing | 24,825.00 |
| 14 | Dr. Andrew Paterson | Evaluating New Alleles Conferring Improved Fiber Quality in Georgia Cottons | 36,000.00 |
| 15 | Dr. Jason M. Schmidt | Scaling up the importance of alternative cover crops for crop protection, beneficials, and soil health in cotton | 29,702.00 |
| 16 | Dr. Jeffrey H. Dorfman | Showing Georgia Cotton Farmers Their Relative Production Efficiency | 21,000.00 |
| 17 | Dr. Ian Flitcroft | Support of UGA Weather Network | 5,000.00 |
| 18 | Whitaker | Improving Cotton Production in Georgia with Proper Variety Selection and Production Management | 40,000.00 |
| 19 | Dr. Changying "Charlie" Li | Developing a VIS-NIR Hyperspectral Transmittance Imaging to Classify Cotton Contamination | 28,075.00 |
| | | FUNDED 2017 | 596,368.00 |