

GEORGIA PEANUT COMMISSION
2017-2018 Research Project Proposals
AS OF: 4/21/2017

UGA Tifton Campus			APPROVED
Project Number	Project Title	Investigator(s)	2017-18
1-CPES-1-82/18	The Georgia Peanut Evaluation Program	Branch	30,000
2-CPES-29-86/18	Development and Evaluation of Cultivars with Improved Disease Resistances to Increase On-Farm Profitability	Holbrook	30,000
3-CPES-48-89/18	Adaptation of New Fungicides and Application Strategies for Control of Early & Late Leaf Spot of Peanut	Culbreath	6,000
4-CPES-161-09/18	Development and Validation of User-friendly Markers from the Identified QTLs for Resistance to TSWV and Leaf Spots in Breeding Selection	Guo/Culbreath	20,000
5-CPES-173-11/18	Effect of In-Furrow Seed and Foliar Insecticide Treatments on Tomato Spotted Wilt and Yield in New TSWV Resistant Cultivars	Culbreath	5,000
6-UGAT-01-14/18	Screening Peanut Germplasm for Superior Root Growth	Kvien	9,000
7-UGAT-02-14/18	A Holistic Solution To Using Soil Moisture Data For Scheduling Irrigation	Vellidis	12,000
8-UGAT-03-14/18	Updating the Hull-Scrape Technique to Better Predict Harvest Dates for New Peanut Varieties and Disease Control Strategies	Kvien	12,000
9-UGAT-04-14/18	Determination of Optimal Timing for Peanut Irrigation Trigger Levels	Porter/Tubbs	15,000
10-UGAT-05-14/18	Thrips population monitoring	Abney	2,450
* UGA-09-15/18	Single and Dual Shank Subsoiling and Inoculant Rate Evaluation for Twin Row Peanut	Tubbs	5,000
11-UGAT-11-15/18	Biology and Management of Peanut Burrower Bug in Georgia	Abney	7,536
12-UGAT- 13-16/18	An Optical Yield Monitor for Peanuts	Vellidis/Porter	15,000
13-UGAT-15-16/18	Maximizing control of soilborne diseases and Nematodes of peanut with Cultivars and Fungicide Application Strategies	Brenneman	10,000

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14-UGAT-16-16/18	A reliable method to assess spotted wilt incidence and its contribution to yield loss in peanut production –continuation	Srinivasan/Monfort	7,100
15-UGAT-14-17/18	Compare GA-06G to other peanut cultivars for physiological trait relationships for seed germination, vigor, stand establishment, and production: year 1	Grey/Pilon	15,500
18-UGAT-17-17/18	Physiological responses of peanut cultivars to different irrigation timing	Pilon	5,000
19-UGAT-18-17/18	Assessment of physiological and metabolic processes of peanut plants under different irrigation levels	Pilon	10,000
20-UGAT-19-17/18	Identification of physiological and metabolic mechanisms as indicators of drought tolerance in peanut plants	Pilon	10,000
26-UGAT-20-17/18	An Economic Analysis and Grower Education Program for Georgia Peanut Producers	Rabinowitz	20,000
Total CPES/UGAT			\$246,586.00

Extension Service			APPROVED
Project Number	Project Title	Investigator(s)	2017-18
21-CES-12-87/18	University of Georgia Cooperative Extension County Agent Programs	Monfort	21,410
22-CES-59-15/18	University of Georgia Agronomic Research & Extension Programs to Address Economic Sustainability of Peanut Production	Monfort	40,000
23-CES-60-16/18	Georgia Peanut Achievement Club for Recognizing Whole-Farm Peanut Yields	Monfort	5,000
Total CES			\$66,410.00

Georgia Station			APPROVED
Project Number	Project Title	Investigator(s)	2017-18
24-GS-40-98/18	Natl. Center for Peanut Competitiveness	Fletcher	25,000
25-GS-46A-01/18	Analysis, Development and Implementation of the 2014 Farm Bill on Georgia Peanut Producers	Fletcher	24,000
27-GS-51-05/18	2017 Hot Topics on Peanuts	Hung	2,000
Total GS			\$51,000.00

Athens Station			APPROVED
Project Number	Project Title	Investigator(s)	2017-18
31-UGA-41-14/18	Leveraging Genomic Data and Tools From Botanical Models in Peanut Improvement	Paterson	8,000
32-UGA-42-16/18	Introgression and Utilization of Pest and Disease Resistance Genes from Wild Species for Peanut Improvement	Jackson	30,000
33-UGA-43-17/18	Applying Genomic Selection for Drought and Aflatoxin Resistance in Peanut	Wallace	15,000
Total AS			\$53,000.00

National Peanut Foundation			APPROVED
Project Number	Project Title	Investigator(s)	2017-18
35-NPF-01-00/18	The Peanut Foundation	Brown	18,000
36-NPF-02-16/18	Marker-Assisted Breeding to diversify alleles for late leaf spot resistance	Ozias-Akins	15,000
Total NPF			\$33,000.00

Other Projects			APPROVED
Project Number	Project Title	Investigator	2017-18
37-AEMN-01-12/18	Georgia Weather Network	Flitcroft	5,000
38-END-01-13/18	UGA Peanut Team Endowment		10,000
	Peanut Physiologist Start up funding	Pilon	35,000
	Genetic Research Assistance	Bertioli	28,500
Total for Other Projects			\$78,500.00

Total 2017-18 Funding \$528,496.00

** The UGA-09-15/18 Tubbs project, Single and Dual Shank Subsoiling and Inoculant Rate Evaluation for Twin Row Peanut, was approved at the April 13, 2017, Georgia Peanut Commission board meeting and added to the list of approved research for the 2017-18 fiscal year.*