

GEORGIA PEANUT COMMISSION
2019-2020 Research Project Proposals-Approved
AS OF: 3/13/2019

UGA Tifton Campus			APPROVED
Project Number	Project Title	Investigator(s)	2019-20
CPES-1-82/20	The Georgia Peanut Evaluation Program	Branch	35,000
UGAT-26-19/20	Long-term Germplasm Enhancement and Development of DNA Molecular Marker Resources for Peanut	N. Brown	25,000
CPES-29-86/20	Development and Evaluation of Cultivars with Improved Disease Resistances to Increase On-Farm Profitability	Holbrook	30,000
CPES-48-89/20	Adaptation of New Fungicides and Application Strategies for Control of Early & Late Leaf Spot of Peanut	Culbreath	7,500
CPES-161-09/20	Fine Mapping and Candidate Gene Analysis of Novel QTLs for Resistance to TSWV and Leaf Spots in Peanuts	Guo/Culbreath	22,000
CPES-173-11/20	Effect of In-Furrow Seed and Foliar Insecticide Treatments on Tomato Spotted Wilt and Yield in New TSWV Resistant Cultivars	Culbreath	6,000
UGAT-02-14/20	A Holistic Solution To Using Soil Moisture Data For Scheduling Irrigation	Vellidis	12,000
UGAT-05-14/20	Thrips Population Monitoring	Abney	2,450
UGAT-27-19/20	The Effect of Speed on Planter Performance for Furrow Depth and Seed Placement	Tubbs	12,000
1UGAT-11-15/20	Biology and Management of Peanut Burrower Bug in Georgia	Abney	7,820
UGAT-12-18/20	Using Remote Sensing to Map In-Field Variability of Peanut Maturity	Vellidis	15,000
UGAT-15-16/20	Fungicide Sensitivity of <i>Sclerotium Rolfsii</i> (Causing White Mold) From Peanut in Georgia	Brenneman	12,000
UGAT-16-16/20	Gauging Spotted Wilt Incidence in Newer Cultivars and Its Contribution to Yield Loss in Peanut Production—continuation	Srinivasan/Monfort	7,100

UGAT-28-19/20	Determination and Comparison of Timing For Acquisition of Physiological Quality of Seeds from Georgia-06G and Georgia-16HO	Pilon	15,000
UGAT-22-18/20	A Mobile Irrigator Pro-Based Irrigation Scheduling Tool for Increasing Irrigation Water Use Efficiency and Yield in Peanut	Vellidis	25,000
UGAT-29-19/20	Evaluation of Soil Texture Versus Planter Parameters for Uniform Crop Emergence in Peanut	Porter	20,000
UGAT-23-18/20	Determining Biocontrol Options for Peanut Pests: A Molecular Approach	Schmidt/Abney	15,000
UGAT-30-19/20	Nonchemical-based Sprays for Triggering Host Resistance: A New Strategy to Manage Spotted Wilt Virus	Bag	10,000
UGA-02-16/20	Expansion of Resistance Sources to Leaf Spots and TSWV for Peanut Breeding	Ozias-Akins	15,000
Total UGA Tifton Campus			\$ 293,870

UGA Extension Service			APPROVED
Project Number	Project Title	Investigator(s)	2019-20
CES-12-87/20	University of Georgia Cooperative Extension County Agent Programs	Monfort	21,050
CES-59-15/20	University of Georgia Agronomic Research & Extension Programs to Address Economic Sustainability of Peanut Production	Monfort	42,000
CES-60-16/20	Georgia Peanut Achievement Club for Recognizing Whole-Farm Peanut Yields	Monfort	5,000
Total UGA Ext. Service			\$ 68,050

UGA Griffin Campus			APPROVED
Project Number	Project Title	Investigator(s)	2019-20
GS-47-16/20	The Influence of Planting Dates on Water Use and Yield in Peanut: A Field-Scale Evaluation (3rd Year)	Leclerc	20,000
GS-51-05/20	2019 Hot Topics on Peanuts	Hung	2,000
Total UGA Griffin Campus			\$ 22,000

UGA - Athens Station			APPROVED
Project Number	Project Title	Investigator(s)	2019-20
UGA-42-16/20	Introgression and Utilization of Pest and Disease Resistance Genes from Wild Species for Peanut Improvement	Jackson	30,000
UGA-43-18/20	Identification of Resistance to White Mold and Rhizoctonia Limb Rot in <i>Arachis</i> Wild Germplasm <i>in vitro</i> and in Field Conditions	S. Bertioli	30,000
UGA-44-18/20	Towards a New Source of Late Leaf Spot Resistance-Introgression of <i>A. stenosperma</i> Wild Species Chromosome Segments Into Elite Peanut Lines	D. Bertioli	22,300
UGA-47-19/20	Evaluation of ALS Resistant Yellow Nutsedge (<i>Cyperus esculentus</i>) in GA Peanut-Year 1	Basinger/Prostko	13,000
UGA-48-19/20	Can Calcite Dissolving Bacteria Promote Peanut Pod Growth?-Year 1	Yang	5,000
Total UGA - Athens Station			\$ 100,300

UGA College of Engineering			APPROVED
Project Number	Project Title	Investigator(s)	2019-20
UGA-45-18/20	Pilot Implementation of Peanut Maturity Smartphone App	Johnsen/Tse	19,449
41-UGA-ENG	Engineering Intern		10,000
Total UGA College of Engineering			\$ 29,449

Abraham Baldwin Agricultural College (ABAC)			APPROVED
Project Number	Project Title	Investigator(s)	2019-20
ABAC-01-19/20	A Multi-Economic Analysis Program to Enhance the Sustainability of Georgia Peanut Producers	Fletcher	25,000
ABAC-02-19/20	Analysis of Potential Impacts of the 2018 Farm Bill on Georgia Peanut Producers	Fletcher	24,000
ABAC-03-19/20	Crop Insurance as a Risk Management Strategy for Georgia Peanut Producers: An Investigation of the Effectiveness of Crop Insurance as a Safety Net for Peanut Producers from a Whole Farm Perspective	Luke-Morgan	18,232
Total ABAC			\$ 67,232

National Peanut Foundation (NPF)			APPROVED
Project Number	Project Title	Investigator(s)	2019-20
NPF-01-00/20	The Peanut Foundation	S. Brown	18,000
Total NPF			\$ 18,000

Other Projects			APPROVED
Project Number	Project Title	Investigator	2019-20
AEMN-01-12/20	Georgia Weather Network	Flitcroft/Knox	5,000
Nino Brown Start-up	Peanut Breeding		40,000
The Peanut Institute			10,000
Total for Other Projects			\$ 55,000

FY2019-2020
Approved Projects \$ 653,901
Subtotal