

GEORGIA PEANUT COMMISSION

2024-2025 Research Projects

UGA Tifton Campus			Approved
CPES-1-82/25	The Georgia Peanut Evaluation Program	Branch	\$ 35,000.00
UGAT-26-19/25	Long-term Germplasm Enhancement and Development of DNA Molecular Marker Resources for Peanut	N. Brown	\$ 35,000.00
CPES-29-86/25	Development and Evaluation of Cultivars with Improved Disease Resistances to Increase On-Farm Profitability	Holbrook	\$ 30,000.00
CPES-48-89/25	Adaptation of New Fungicides and Application Strategies for Control of Early & Late Leaf Spot of Peanut	Culbreath	\$ 12,000.00
CPES-173-11/25	Effect of In-Furrow Seed and Foliar Insecticide Treatments on Tomato Spotted Wilt and Yield in New TSWV Resistant Cultivars	Culbreath	\$ 6,000.00
UGAT-31-21/25	Benchmarking the Peanut Crop Coefficient Curve Using Remote Sensing	Vellidis	\$ 19,000.00
UGAT-19-20/25	Adjusting In-Season Trigger Levels for Maximizing Peanut Growth and Yield	Porter	\$ 20,000.00
UGAT-30-19/25	Spray induced gene silencing against spotted wilt virus on peanut.	Bag	\$ 30,000.00
CES-91-25/25	Peanut Harvest Loss Estimation and Monitoring Using AI-Assisted Technologies	Virk	\$ 15,000.00
UGAT-40-23/25	Development of seed-applied and in-furrow treatments to insure the establishment of peanut stands in Georgia	Brenneman	\$ 15,000.00
UGA-ROBOT-21/25	Evaluation and Development of High-Throughput Phenotyping Technologies for Peanut	N. Brown	\$ 40,000.00
UGAT-39-22/25	Precision Peanut Planter Kit to Improve Seed Metering and Placement	Porter/Rains	\$ 15,000.00
UGAT-25-18/25	Continuance of a long term Sustainability Program for Peanut Production in Georgia Utilizing the Field to Market Field Print Calculator 2024	Porter	\$ 17,000.00
UGAT-35-21/25	Precision Breeding for Multiple Disease Resistance	Ozias-Akins	\$ 22,000.00
UGAT-28-19/25	Physiological seed quality: Impact of drought at flowering and fruiting.	Pilon	\$ 15,000.00
UGAT-44-25/25	Breeding for drought resistance in Georgia peanut	Pilon	\$ 20,000.00
UGAT-21-21/25	Assessment of Prohexadione Calcium and Postemergence Herbicide Tank-Mixtures in Peanut – Year 2	Grey	\$ 7,500.00
UGAT-43-25/25	Development of peanut varieties with stem rot resistance and potentially more synchronous maturity using marker assisted selection	Biswal	\$ 20,000.00
Total UGA - Tifton			\$ 373,500.00

Extension Service			Approved
CES-12-87/25	University of Georgia Cooperative Extension County Agent Programs	Monfort	\$ 26,000.00
CES-59-15/25	University of Georgia Agronomic Research & Extension Programs to Address Economic Sustainability of Peanut Production	Monfort	\$ 42,000.00
CES-60-16/25	Georgia Peanut Achievement Club for Recognizing Whole-Farm Peanut Yields	Monfort	\$ 5,000.00
CES-89-25/25	Investigating the Potential for Older Herbicides to Be Used in Georgia Peanut Weed Management Programs	Prostko	\$ 7,500.00
CES-90-25/25	Comparing in-furrow insecticides in single and twin row pattern at different plant populations.	Tubbs/Abney	\$ 10,000.00
CES-88-25/25	Developing a Laboratory Rearing Protocol for Rootworm	Abney	\$ 3,000.00
Total Extension Service			\$ 93,500.00

UGA Griffin Campus			Approved
GS-51-23/25	2024 Hot Topics on Peanuts	Hung/ Soval/ Zhou	\$ 3,000.00
GS-52-25/25	Optimizing <i>Aspergillus flavus</i> Biocontrol Application Methods for Improved Efficacy in Reducing Aflatoxin Contamination in Peanut	Fountain	\$ 20,000.00
UGA-33-21/25	Improved understanding of thrips and TSWV ecology in the peanut production system of Georgia and implications for management	Srinivasan	\$ 7,639.00
Total UGA - Griffin			\$ 30,639.00

Abraham Baldwin Agricultural College (ABAC)			Approved
ABAC-01-19/25	A Multi-Economic Analysis Program to Enhance the Sustainability of Georgia Peanut Producers	Fletcher	\$ 50,000.00
Total ABAC			\$ 50,000.00

UGA Athens Campus			Approved
UGA-44-20/25	New Sources of RKN resistance from the Wild Species <i>A. stenosperma</i> : germplasm release, cultivar development, and pyramiding with foliar disease resistance	D. Bertioli	\$ 30,000.00
UGA-43-20/25	Development of <i>A. stenosperma</i> , <i>A. batizocoi</i> and <i>A. valida</i> - derived advanced lines with strong resistance to LLS and rust	S. Bertioli	\$ 25,000.00
UGA-49-18/25	Introgression of new sources of resistance to White Mold in wild tetraploid <i>Arachis</i> for peanut improvement	S. Bertioli	\$ 25,000.00

UGA-51-23/25	Evaluating Planting Arrangement, Herbicide Persistence, and Weed Management using Cereal Rye Cover Crop in GA Peanut	Basinger/ Grey	\$ 15,000.00
UGA-53-25/25	Converting Peanut Oil from a Non-drying oil to a Drying-oil in order to Create a High-value Alternative to Linseed, Tung and other Plant-based Oils for Timber Oils and Coatings	Ritchie	\$ 25,000.00
UGA-54-25/25	A Review of George Washington Carver's Proposed Peanut Uses for Application in Today's World	Ritchie	\$ 10,000.00
UGA-55-25/25	Using Advanced Technological Methods for Correlating Weather Events and Productivity/Quality Across Georgia's Peanut Growing Regions	Bastos	\$ 10,000.00
UGA-56-25/25	Exploring Flower Distribution and Underground Sensing for Peanut Phenotyping and Maturity Estimation	Lu	\$ 15,000.00
Total UGA - Athens			\$ 155,000.00

USDA -ARS		Approved	
USDA-01-25/25	An Economic Analysis of the Value-Added Utilization of High-Oleic Peanuts as a Poultry Feed Ingredient to Produce Premium Eggs and Poultry Meat.	Toomer	\$ 40,000.00
USDA-02-25/25	Finding Novel, Non-Food Applications of Peanuts and By-products	Biswas	\$ 20,000.00
Total USDA -ARS			\$ 60,000.00

Other		Approved	
NPF-01-00/25	The Peanut Research Foundation	S. Brown	\$ 18,000.00
The Peanut Institute	The Peanut Institute		\$ 10,000.00
APRES	American Peanut Research Education Society		\$ 1,000.00
Total Other			\$ 29,000.00

Total FY 2024-2025 Funded	\$ 791,639.00
----------------------------------	----------------------