

## GEORGIA PEANUT COMMISSION

### FY 2025-2026 Approved Research Proposals

<b>Abraham Baldwin Agricultural College</b>			
ABAC-01-19/26	A Multi-Economic Analysis Program to Enhance the Sustainability of Georgia Peanut Producers	Fletcher	\$50,000.00
<b>Extension Service</b>			
CES-12-87/26	University of Georgia Cooperative Extension County Agent Programs	Monfort	\$24,000.00
CES-59-15/26	University of Georgia Agronomic Research & Extension Programs to Address Economic Sustainability of Peanut Production	Monfort	\$42,000.00
CES-60-16/26	Georgia Peanut Achievement Club for Recognizing Whole-Farm Peanut Yields	Monfort	\$5,000.00
CES-90-25/26	Comparing in-furrow insecticides in single and twin row pattern at different plant populations.	Tubbs/Abney	\$10,000.00
CES-92-26/26	Rootworm Population Dynamics and Management	Abney	\$6,000.00
CES-93-26/26	Cropping sequence and row pattern adjustments in rotation of peanut	Tubbs	\$14,000.00
<b>UGA Athens</b>			
UGA-43-20/26	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. Bertoli	\$25,000.00
UGA-44-20/26	New Sources of RKN resistance from the Wild Species <i>A. stenosperma</i> : germplasm release, cultivar development, and pyramiding with foliar disease resistance	D. Bertoli	\$30,000.00
UGA-52-26/26	Impact of Seed Size and Composition on Peanut Seedling Vigor: High-Throughput Phenotyping Approaches	N. Brown / Parkash / Rodriguez-Sanchez / Schwartz	\$16,000.00
UGA-53-25/26	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 <b>PHASE 2</b>	Ritchie	\$25,000.00
UGA-57-26/26	Determining and monitoring physiological responses or peanut to abiotic stress using high resolution hyperspectral imaging	Lacerda / Pilon / N. Brown	\$18,000.00
UGA-57-26/26	Development of an Automated and High-throughput Peanut Maturity Evaluation System with Computer Vision and AI-assisted Technologies	Song / Abney / Monfort	\$10,000.00

<b>UGA Tifton</b>			
UGAT-19-20/26	Adjusting In-Season Trigger Levels for Maximizing Peanut Growth and Yield	Porter	\$20,000.00
UGAT-26-19/26	Long-term Germplasm Enhancement and Development of DNA Molecular Marker Resources for Peanut	N. Brown	\$35,000.00
UGAT-31-21/26	Benchmarking the Peanut Crop Coefficient Curve Using Remote Sensing	Vellidis	\$19,000.00
UGAT-35-21/26	Precision Breeding for Multiple Disease Resistance	Ozias-Akins	\$22,000.00
UGAT-39-22/26	Precision Peanut Planter Kit to Improve Seed Metering and Placement	Rains / Porter	\$15,000.00
UGAT-43-25/26	Development of peanut varieties with stem rot resistance and potentially more synchronous maturity using marker assisted selection	Biswal	\$20,000.00
UGAT-44-25/26	Breeding for drought resistance in Georgia peanut: from cell to whole plant	Pilon	\$20,000.00
UGAT-45-26/26	Foundational Genotyping for Multipronged Breeding against Tomato Spotted Wilt Virus (TSWV) in Peanut	Wallace / N. Brown	\$20,000.00
UGAT-46-26/26	Development of Seed Applied and In-Furrow Treatments for Rhizopus and Other Peanut Seed and Seedling Diseases	Brennman/ McEachin/ Oliveira	\$15,000.00
UGAT-47-26/26	Peanut Enterprise Budget and Economic Analysis Initiative for Enhancing Profitability	Y. Liu	\$15,000.00
UGAT-48-26/26	Utilizing Irrigation to Recover Peanut from Herbicide Injury	Porter	\$10,000.00
UGAT-50-26/26	The Impact of Seed Treatments on Peanut Germination and Viability Over Time During Storage in Controlled and Ambient Temperatures	Grey / Souza / Bowen / Faircloth	\$15,000.00
UGAT-51-26/26	Biomarker-based evaluation of white mold (WHM) resistance in peanuts	Suh / N. Brown	\$15,000.00
UGA-ROBOT-21/26	Evaluation and Development of High-Throughput Phenotyping Technologies for Peanut	N. Brown	\$38,449.00
CPES-173-11/26	Effect of In-Furrow Seed and Foliar Insecticide Treatments on Tomato Spotted Wilt and Yield in New TSWV Resistant Cultivars	Culbreath	\$6,000.00
CPES-174-26/26	Improving Soil Health Using Root-Knot Nematode Resistance in Peanut	Schumacher / Holbrook	\$5,040.00
CPES-1-82/26	The Georgia Peanut Evaluation Program	Branch	\$35,000.00
CPES-29-86/26	Development and Evaluation of Cultivars with Improved Disease Resistances to Increase On-Farm Profitability	Holbrook	\$30,000.00
CPES-48-89/26	Adaptation of New Fungicides and Application Strategies for Control of Early & Late Leaf Spot of Peanut	Culbreath	\$10,000.00

<b>UGA - Griffin</b>			
UGA-33-21/26	Improved understanding of thrips and TSWV ecology in the peanut production system of Georgia and implications for management	Srinivasan	\$7,500.00
GS-51-23/26	2025 Hot Topics on Peanuts	Soval/ Zhou	\$3,000.00
<b>Kennesaw State University</b>			
KSU-1-26/26	Night Owl: A Low-Cost Smart Drone System for Defending Peanut Farms from Nighttime Wildlife Intrusion	Choi/Fang/Ramsey	\$25,000.00
<b>North Carolina State University</b>			
NCSU-1-26/26	Economic Feasibility and Performance Evaluation of pasture-Raised Broiler Chicken in Peanut-Based Farming Systems	Mwangi / Toomer	\$22,000.00
<b>USDA-ARS</b>			
USDA-3-26/26	The Effects of Unblanched Normal-Oleic Peanuts in the Diets of Layers on Performance, Egg Quality, and Nutritional Content	Anderson / Toomer	\$40,200.00
<b>Other</b>			
The Peanut Institute	The Peanut Institute		\$10,000.00
APRES-01-25/26	APRES		\$1,000.00
NPF-01-00/26	The Peanut Research Foundation	S. Brown	\$15,000.00

**Total FY 25-26 Funded \$764,189.00**