

GEORGIA PEANUT COMMISSION
2011-2012 Research Project Proposals

Project Title	Investigator(s)		Approved 2011-12
Georgia Peanut Breeding Program	Branch - University of Georgia	\$	18,000.00
Development and evaluation of cultivars with disease resistances to increase on-Farm profitability	Holbrook - USDA	\$	18,000.00
Adaptation of New Fungicides and Application Strategies for Control of Early & Late Leaf Spot of peanut	Culbreath - University of Georgia	\$	4,000.00
Identification of Molecular Markers Associated with Resistance to TSWV and Leaf Spots Through Genetic Mapping and Selection of High Oleic lines with high resistance to TSWV	Guo/Culbreath - University of Georgia	\$	16,000.00
Using Vegetation indices to determine Peanut Maturity	Vellidis - University of Georgia	\$	5,000.00
Sensing and Control Systems to Improve Farm Management	Kvien - University of Georgia	\$	7,000.00
Effect of In-Furrow and Foliar Insecticide Treatments on Tomato Spotted Wilt and Yield in New TSWV Resistant Cultivars	Culbreath - University of Georgia	\$	4,000.00
Molecular Markers for Leaf Spot Resistance	Ozias-Akins - University of Georgia	\$	13,000.00
Optimizing Performance of Available Fungicides for Control of Soilborne Diseases of Peanut	Brenneman - University of Georgia	\$	7,000.00
Planter Speed, Vacuum Pressure, and Seed Plate Effects on Plant Stand in Single Row Peanut	Tubbs - University of Georgia	\$	3,000.00
County Agents to Attend APRES in 2011	Beasley - University of Georgia	\$	6,000.00
UGA Agronomic Research and Extension Programs to Address Economic Sustainability of Peanut Production	Beasley - University of Georgia	\$	25,000.00
Peanut Economics & Education Program for Georgia Producers	Smith - University of Georgia	\$	4,000.00
On-Farm Applied Research Conducted by UGA Cooperative Extension County Agents	Beasley - University of Georgia	\$	5,000.00

Annual report of Emerging peanut production issues to Georgia peanut producers through the 2012 Peanut Update Publication	Beasley - University of Georgia	\$	6,000.00
Developing Pyroxasulfone Use Patterns for Peanuts	Prostko - University of Georgia	\$	6,000.00
Natl. Center for Peanut Competitiveness	Fletcher - University of Georgia	\$	24,000.00
Analysis of the 2008 Farm Bill & the Potential Development of the 2012 Farm Bill Scenarios on Georgia Peanut Producers	Fletcher - University of Georgia	\$	25,000.00
Hot Topics on Peanuts	Hung - University of Georgia	\$	2,500.00
Analysis of the Potential Impact of Alternative Grading Systems on Georgia Peanut Producers	Fletcher - University of Georgia	\$	2,500.00
Antibody Production and Immunoassay Development towards Alleviating Peanut Allergy	Maleki - USDA	\$	2,000.00
Variety and Digging Date Effects on Peanut Peg Strength and Harvest Losses to Optimize Economic Yield	Nuti - USDA ARS	\$	3,000.00
Development and validation of an improved method to determine peanut maturity	Faircloth/Beasley - USDA ARS & University of Georgia	\$	7,000.00
Smart Hydrogels from Peanut Proteins for Food and Medical Applications	Yang - University of Nebraska at Lincoln	\$	5,000.00
NPF	Valentine - Peanut Foundation	\$	10,000.00
The potential for controlling <i>Pangaeus bilineatus</i> (Say) (Heteroptera: Cydnidae) using a combination of entomopathogenic microbials and insecticides	Mbata - Ft. Valley State University	\$	20,000.00
Automated Environmental Monitoring Network (AEMN)		\$	5,751.00
Total Program Budget		\$	253,751.00