

Georgia Peanut Commission
ANNUAL REPORT/RESEARCH PROJECTS

DATE: Wednesday, February 13, 2008

TIME: 8:20 AM w/Refreshments available at 8:10 AM

LOCATION: NESPAL, Seminar Room (#126); Tifton, GA

All researchers report(s) will be limited to the time indicated below. Researchers should note any items not intended for public record on their one-page summary provided.

8:20	Call to Order: GPC Research Chairman	Donald Chase
8:25	Welcome Asst. Dean	Joe West
8:30	Peanut Commodity Committee Chairman	Russell Nuti
8:35	1. Georgia Peanut Breeding Program	Branch
8:50	2. Residual control of Palmer Amaranth in Peanuts	Prostko
9:00	3. Identifying Optimum Maturity for new peanut genotypes with either normal or high Oleic Oil Chemistry & the Effect of Maturity & Calcium concentration in final Yield, Grade, Seed Germination & Flavor	Tubbs/Beasley
	4. Annual report of Emerging peanut production issues to Georgia peanut producers through the 2008 Peanut Update Publication, UGA Research & Extension Programs, Co. Agents to APRES in 2007	Tubbs/Beasley
9:15	5. Evaluation of production systems using breeding lines with resistance to leaf spot & TSWV to improve on farm net profit	Holbrook
	6. Developing cultivars w/resistance to the peanut root-knot Nematode & TSWV	Holbrook
9:30	7. Identification and characterization of molecular marker(s) associated with resistance to TSWV & leaf spot in peanuts	Guo/Culbreath
9:40	8. Tilling for reduced allergen peanut	Ozias-Akins
9:50	Break	
10:05	9. Adaptation of new fungicides & application strategies for control of early & late leaf spots	Culbreath
	10. Integration of new resistant genotypes, conservation tillage systems & reduced Fungicide inputs for peanut leaf spot control	Culbreath
10:20	11. Integrating Mesh Networks into the real-Time smart sensor array for Scheduling Irrigation	Vellidis
10:30	12. A Systems-Based approach to Evaluate Benefits of Conservation Tillage in the SE Coastal Plain	Sullivan
10:40	13 Peanut Economics & Education program for Georgia Producers	Smith
	14 Conservation and Profitability in peanuts	Smith
10:55	15. Hot topics on Peanuts	Hung
11:05	16. Smart linkage of precision irrigation control with Real Time soil data	Perry
11:15	17. Interactions of root-knot nematode & cylindrocladium black rot on runner peanut, and improved methods of germplasm screening	Brenneman
11:25	18. Identification of Genes Differentially Expressed during Sclerotium Formation in <i>Sclerotium rolfsii</i>	Gold
11:35 to 1:20 pm	Lunch (on your own)	
1:25	19. Measurement of CO2 exchanges in a Peanut field: Responses to Water Stress	Chayawat/Leclerc
1:45	20 Application of Weather & Climate Data for Peanut Management	Olatinwo/Hoogenboom
2:00	21. The Peanut Foundation	Valentine
2:20	22. Increasing Diversity in Cultivated Peanuts	Pittman
2:30	Break	
2:45	23. National center for Peanut Competitiveness	Fletcher
	24. Analysis of the Farm Security and Rural Investment (FSRI) Act of 2002 & 2007/08 Farm Bill & the Development of a Peanut Trade Simulation Model to Evaluate Alternative FTAA and WTO Trade Agreement Scenarios on Georgia Peanut Producers	Fletcher
	25. Analysis of the peanut grading system & potential impact of alternative systems on GA Peanut Producers	Fletcher
3:05	26 Development of a Wireless Irrigation Control System	Kvien
3:15	27. Physiological responses and functional genomics of cultivated peanut for improved TSWV resistance	Rowland
3:25	28. On farm demonstrations- Jefferson County	Crawford
3:35	Adjourn-County agent & competitive grant's report in folder. Other reports & information in the folder from PI's that had a conflict. Some additional County Agents reports could be added here.	