



WELCOME TO THE 2012

# CANR ANNUAL OPEN HOUSE

January 27, 2012  
Duluth, GA  
8:30 A.M. – 11:00 A.M.

## *About CANR*

The purpose of CANR is to provide a managed facility and funding for ornamental horticulture research based on grower needs and conducted under commercial growing conditions. The goal of CANR is to generate information to keep growers in Georgia and the Southeast on the forefront of new ornamental plant breeding, evaluation and introduction, as well as, new nursery production techniques. Members of the green industry are invited to visit this work in progress and present questions and needs for research projects. An Advisory Council reviews and ranks submitted proposals for new research projects. See our green industry needs submission form.

The research site is located on 2 acres adjacent to McCorkle Nurseries in Dearing, GA. It is structured like a miniature nursery with four greenhouses, two weather monitoring systems, a graveled container pad, a pot-in-pot site and a research and administration building surrounded by a small ornamental garden. In the spring of 1998, a large shade structure was constructed on the site to accommodate more versatility in research projects. A full-time research technician oversees the day to day operations of CANR.

Research projects focus on agricultural engineering, environment and plant microclimate monitoring, entomology, plant pathology, soil science, horticulture, plant breeding and evaluation, new product evaluation, propagation, and water management. There are 10 projects for the year 2011 directed by researchers from the University of Georgia, Auburn University, University of Florida, and University of Tennessee.

# Schedule of Events

- 8:30- 8:45**                    **Opening Remarks**
- 8:45- 9:00**                    **Dr. Jean Williams-Woodward – University of Georgia**  
*Fungicide resistance in Pythium and Phytophthora isolates from Georgia nurseries and greenhouses*
- 9:00- 9:15**                    **Tyler Weldon - Auburn University**  
*Processed Corncob as an Alternative to Perlite in the Production of Greenhouse Crops*
- 9:15- 9:30**                    **Dr. Mark Czarnota – University of Georgia**  
*Liverwort Control in Nursery Liners Containerized Ornamentals. & Weed Control in Nursery Liners.*
- 9:30- 9:40**                    **Break**
- 9:40- 9:55**                    **John Ruter**  
*Developing sterile plants for the nursery industry (UGA)*
- 9:55- 10:10**                    **Dr. John M. Ruter – University of Georgia**  
*Development of Lagerstroemia subcostata as a new ornamental crop*
- 10:10- 10:25**                    **Dr. Amy Fulcher – University of Tennessee**  
*Evaluation of the effect of systemic and contact insecticides on natural enemy populations in a woody plant production system: Implications for enhanced conservation biological control.*
- 10:25- 10:35**                    **Break**
- 10:35- 10:50**                    **Dr. Marc van Iersel & Lucas O'Meara – University of Georgia**  
*Quantifying water requirements of hydrangea and gardenia*
- 10:50- 11:05**                    **Dr. Gary Knox – University of Florida**  
*Non-invasive Cultivars for the Green Industry*
- Poster Only**                    **Dr. D. Scott NeSmith – University of Georgia**  
*Evaluation of Elite Selections from the UGA Blueberry Breeding Program as Edible Landscape Plants*

**Please enjoy the graduate student posters on display in the lobby!**