



# High Lights



Trial Gardens and HortResearch at the South Mississippi Branch Experiment Station

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Published by Dr. Gene Blythe



## Topics Scheduled for Presentation at the Ornamental Horticulture Field Day on Thursday, October 4, 2018

**Top Performers from the 2018 Variety Trials at the South Mississippi Branch Experiment Station – Dr. Gene Blythe, MSU-CREC**

**An Evaluation of Select Milkweed Species (*Asclepias* spp.) in South Mississippi - Year 3 – Patricia Drackett, MSU-Crosby Arboretum, and Scott Langlois, MSU-CREC**

**Effects of Irrigation Management on Impatiens and Vinca from Transplant to Finished Stage – Anthony Bowden, MSU-CREC**

**Milkweed Friends and Enemies – Dr. Blair Sampson, USDA-ARS**

**The Push-Pull Strategy: Ambrosia Beetle IPM in Ornamental Nurseries – Dr. Chris Werle, USDA-ARS**

**Wreath Designs, Costs, and Prices – Dr. Jim DelPrince and Dr. Ben Posadas, MSU-CREC**

**Determining Bulk Density of Substrates for Container-Grown Plants – Dr. Patricia Knight and Jenny Ryals, MSU-CREC**

**All-America Selections National and Regional Winners for 2018 – Dr. Gene Blythe, MSU-CREC**

**Economics of Insect Pest Management in Small Scale Tomato Production – Christian Stephenson, MSU-ES**

**Micropropagation of Milkweed (*Asclepias* spp.) – Dr. Hamidou Sakhanokho, USDA-ARS**

**Planting Density Effects on Romaine Lettuce Grown in Sub-Irrigated Containers – Dr. Gary Bachman, MSU-CREC**

**Importance of Rate and Contact Time for Efficacy of Hypochlorite, Quaternary Ammonium, and Peroxygen Compounds – Dr. Warren Copes, USDA-ARS**

**Top Performing Annuals in the 2018 Trial Garden at the Truck Crops Branch Experiment Station – Dr. Shaun Broderick, MSU-CMREC**

**Hardwood Cutting Propagation of ‘Pascagoula’ and Neshoba™ Crape Myrtles – Dr. Patricia Knight, MSU-CREC**

**Economic Impacts of Horticulture Research at Mississippi State University Coastal Research and Extension Center – Dr. Ben Posadas, MSU-CREC**

The 45<sup>th</sup> Annual Ornamental Horticulture Field Day will be held at the South Mississippi Branch Experiment Station in Poplarville on **Thursday, October 4, 2018**. Updates from scientists at Mississippi State University and the USDA-ARS Southern Horticultural Laboratory will be featured in the Trial and Display Gardens in the morning and conclude in the main field building in the early afternoon. Registration begins at 9:00 AM and the program begins at 9:30 AM. A \$10.00 registration fee (\$6.50 for students) includes lunch and refreshments. (Address and directions can be found at the bottom of this newsletter.)



Individuals holding a Mississippi Bureau of Plant Industry commercial applicator's certification (Category I-a, III, or X) that expires within 12 months after the Field Day can earn recertification credit by attending the Field Day. Please bring your certification number with you to the Field Day.