



October 28, 2009

**UF/IFAS Gulf Coast Research and Education Center
Balm, Florida**

7:30 - 8:00 a.m. **Registration and Complimentary Breakfast/Vendor booths open**

Welcome/Event Overview

8:00 - 8:05 a.m. Dr. Jack Rechcigl, Director, UF/IFAS GCREC

8:05 - 8:15 a.m. Dr. Larry Arrington, VP, UF/IFAS

Educational Session I

Moderator - Gene McAvoy, Regional Vegetable/Horticulture Extension Agent IV
Hendry County Extension

8:15 - 8:30 a.m. New Vegetable Pesticide Materials Update - Dr. Phil Stansly

8:30 - 8:45 a.m. Western Flower Thrips Situation in S Florida and Management of WFT - Dr. Joe Funderburk

8:45 - 9:00 a.m. Vegetable Disease Update - Dr. Gary Vallad

9:00 - 9:15 a.m. Tomato Yellow Leaf Curl Resistance Tomato Trials - Dr. Monica Ozores Hampton and Dr. Jeremy Edwards

9:15 - 9:30 a.m. EPA Fumigant Re-registration Review - Dr. Joe Noling

9:30 - 10:00 a.m. **Refreshments/Vendor Booths Open**

Sustainable Water Use Practices for Ag Production

Moderator - Stephen Gran, Manager/Agriculture Industry Development, Hillsborough County

10:00 - 10:15 a.m. Overview of conservation and sustainable water use issues for agricultural production - Bill Bartnick, Environmental Admin., FDACS, Office of Agricultural Water Policy

10:15 - 10:30 a.m. Experiences when using tailwater recovery for crop production - Ted Campbell, Exec. Dir., Florida Strawberry Growers Assoc.

10:30 - 10:45 a.m. Experiences when using reclaimed (treated waste water) for crop production - Mac Carraway, Pres. and Scott Schuyler, SMR Farms

- 10:45 - 11:00 a.m. IFAS Research Targeting Sustainable Use of Water -
Dr. Craig Stanley, UF-IFAS/GCREC
- 11:00 - 11:15 a.m. Water Management District perspective on sustainable water use for agriculture -
Eric DeHaven, Dir., Res. Data & Restoration Dept., Southwest Florida Water
Management District
- 11:15 - 11:45 a.m. Panel Discussion with the session participants
- 12:00 - 1:30 p.m. **Complimentary Lunch and Vendor Booths Open**

Educational Session II

Moderator – Crystal Snodgrass, County Vegetable Agent, Manatee County Extension

- 1:30 - 2:00 p.m. The science behind protected culture of fruits and vegetables –
Dr. Dan Cantliffe, UF/IFAS Horticultural Sciences Dept.
- 2:00 - 2:15 p.m. Strawberries and melons under high tunnels – Dr. Bielinski Santos,
UF/IFAS GCREC
- 2:15 - 2:30 p.m. Recent advances in product traceability – Dr. Jeff Brecht, UF/IFAS
Horticultural Sciences Dept.
- 2:30 - 3:00 p.m. **Refreshments/Vendor Booths Open**

Educational Session III

Moderator – Alicia Whidden, County Vegetable Agent, Hillsborough County Extension

- 3:00 - 3:15 p.m. Blueberry establishment and production costs – Dr. Ron Muraro, UF/IFAS
CREC
- 3:15 - 3:30 p.m. Blackberry basics – Dr. Jeff Williamson, UF/IFAS Horticultural Sciences Dept.
- 3:30 - 3:45 p.m. A new opportunity to grow peaches in Florida – Dr. José Chaparro,
UF/IFAS Horticultural Sciences Dept.
- 3:45 - 4:00 p.m. Introduction of UF's new strawberry and blueberry breeders –
Dr. Vance Whitaker, UF/IFAS GCREC - Dr. Jack Rechcigl
Dr. Jim Olmstead, UF/IFAS Horticultural Sciences Dept. - Dr. Dan Cantliffe

Field Tours
Tours Begin at 10:30 a.m. and 1:30 p.m.

Dr. Bielinski Santos, Horticulture

Managing vegetable nutrition and irrigation to improve yields and sustainability

Dr. Gary Vallad, Plant Pathology

Evaluation of products for vegetable disease control:

- Squash – Downy and Powdery Mildew
- Tomato – Bacterial Spot, Early Blight & Target Spot
- Pepper – Bacterial Spot

Dr. David Schuster, Entomology

Update of Whitefly, Armyworm and Leafminer Management

Dr. Andrew MacRae, Weed Science

Long term sustainability of methyl bromide alternatives

Dr. Jay Scott, Breeding and Genetics

- Tomato variety trials; TYLCV resistant hybrids inoculated and uninoculated with TYLCV
- Tomato experimental hybrid trial
- Tomato experimental inbred trial