



UF/IFAS/St. Lucie Extension, 8400 Picos Road, Suite 101, Ft. Pierce, FL 34945
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Treasure Coast Citrus Notes

MARCH - 2013

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Presentations from 2013 Florida Citrus Show

Most of the presentations from the 2013 Florida Citrus Show have been posted on the St. Lucie County Extension Website. Many thanks to the presenters for their contribution to a successful educational program.

<http://stlucie.ifas.ufl.edu/2013FloridaCitrusShowPresentations.html>

2013 Citrus Growers' Institute

PURPOSE OF THE INSTITUTE

Citrus Greening or Huanglongbing (HLB) continues to spread throughout citrus production areas of Florida. The 2013 Florida Citrus Growers' Institute is an opportunity for Florida citrus growers to come together to learn about effective management of HLB and other challenging diseases affecting the industry. Topics this year include citrus tree health and water management, citrus nutrition, Asian citrus psyllid management, and citrus plant improvement.

CONTINUING EDUCATION UNITS

Continuing Education Units (CEUs) will be offered for holders of restricted use pesticide licenses (RUP) and certified crop advisors (CCA). CEUs will have been requested in the following categories: private applicator, agricultural tree crop and regulatory pest control for RUP holders. CEUs have been requested for CCA's in the appropriate CEU categories.

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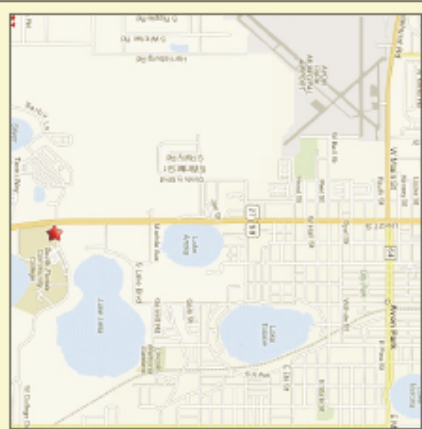
SILVER

Corman

Valent USA

BRONZE

Param Credit



DIRECTIONS

The South Florida State College is located at 600 West College Drive in Avon Park.

From the South: Take U.S. Hwy. 27/98 north towards Avon Park, turn east onto W College Drive and follow the signs to the Theatre.

From the North: Take U.S. Hwy. 27/98 south to Avon Park, continue south to W College Drive, turn east onto W College Drive and follow the signs to the Theatre.

From the East: Take U.S. Hwy. 98 north to where U.S. Hwy. 27/98 merges south of Sabina. Proceed on U.S. Hwy. 27/98 north towards Avon Park, turn east onto W College Drive and follow the signs to the Theatre.

From the West: Take S.R. 64 east to Avon Park, turn south on U.S. Highway 27/98 to W College Drive, turn east onto W College Drive and follow the signs to the Theatre.

SOUTH FLORIDA STATE COLLEGE
(FORMERLY KNOWN AS SOUTH FLORIDA COMMUNITY COLLEGE)
THEATRE FOR PERFORMING ARTS
600 W COLLEGE DRIVE
AVON PARK, FL

FLORIDA CITRUS GROWERS' INSTITUTE



Conducted by

University of Florida, IRAS Extension
Citrus Research and Development
Foundation

South Florida State College
(Formerly known as South Florida Community College)
Theatre for Performing Arts
Avon Park, Florida
April 2, 2013

2013 Florida Citrus Growers' Institute

PROGRAM AGENDA
TUESDAY, APRIL 2, 2013

8:00 AM - Registration

8:30 AM - Welcome and Introductions
Dr. Cami Bland-McKoy, CES, Bushnell, FL

8:40 AM - Updates on Current Citrus Research and Development Foundation Investments in Florida Citrus - *Dr. Harold Browning*, Chief Operating Officer, Citrus Research and Development Foundation, Inc., Lake Alfred, FL

TREE HEALTH AND WATER MANAGEMENT

Moderator: Dr. Mongi Zebini, CES, LeBalle, FL

9:00 AM - Conditions that Cause Citrus Fruit Drop - *Dr. Gene Albrigo*, CREC

9:20 AM - Interactions between HLB Root Decline and Phytophthora - *Dr. Jim Graham*, CREC

9:45 AM - Comprehensive BMP Manual for Florida Citrus - *Dr. Brian Boman*, IRRBC

9:55 AM - Modification of Citrus Irrigation Water - *Dr. Kathy Morgan*, SWFREO

10:15 AM - Break

CITRUS NUTRITION

Moderator: Dr. Steve Rutch, CES, Lake Alfred, FL

10:25 AM - Foliar Citrus Nutrition and SAR - *Dr. Robert Rowe*, SWFREO

10:55 AM - Optimizing the Nutritional Status of HLB Infected Citrus Trees - *Dr. Arnold Sammons*, CREC

11:25 AM - Detection and Localization of HLB in Citrus Phloem - *Dr. Craig Brodwin*, CREC

11:45 AM - Foliar Nutrient Uptake in HLB Infected Leaves - *Dr. Ron Brinkley*, CREC
12:10 PM - Lunch

ASIAN CITRUS PSYLLID MANAGEMENT

Moderator: Mr. Chris Quast, CES, Bartow, FL

1:30 PM - Induced Release of Plant Defenses to Psyllids - *Dr. Brady Kubry*, CREC

1:55 PM - Asian Citrus Psyllid Management in Young Citrus Trees - *Dr. Michael Rogers*, CREC

2:20 PM - Long Term Insecticidal Control of the Asian Citrus Psyllid - *Dr. Jaroslav Jurek*, SWFREO

2:45 PM - Mapping of Citrus Health Management Areas - *Mr. Brandon Ray*, CREC

CITRUS PLANT IMPROVEMENT

Moderator: Mr. Tom Gray, CES, Ft. Pierce, FL

2:55 PM - New USDA Rootstocks - *Dr. Kim Boman*, USDA/ARS, Ft. Pierce, FL

3:20 PM - New UR Varieties - *Dr. Jack Grower*, CREC

3:45 PM - Adjourn

CES's County Extension Services

CREC, Citrus Research & Education Center, Lake Alfred, FL

IRREC, Indian River Research and Education Center, Ft. Pierce, FL

SWFREO, Southwest Florida Research & Education Center, Immokalee, FL

UR/FRAS, University of Florida, Institute of Food and Agricultural Sciences

USDA/ARS, United States Department of Agriculture/Agricultural Research Service

PREREGISTRATION IS REQUIRED

FLORIDA CITRUS GROWERS' INSTITUTE
April 2, 2013



Name: _____
Company: _____
Address: _____
City/State/Zip: _____
Phone: _____ Email: _____

Please send registration to: **Gail Crawford, P.O. Box 9005, Drawer HS03, Bartow, FL 33831**

By **March 29, 2013** Phone: 863-619-8677 ext 111, Fax: 863-634-0001 or email: dorothy@ufl.edu

USDA Horticultural Research Laboratory Open House

The public is invited to the U.S. Department of Agriculture, U.S. Horticultural Research Laboratory annual open house on Wednesday, April 3rd from 10:00 AM – 3:00 PM at 2001 South Rock Road, Ft. Pierce, FL. Labs, greenhouses and farm tours will showcase innovative research on a broad range of science topics. A light lunch will be served. For more information, please call (772) 462-5800.

Florida Bee Protection Website

This website is a cooperative effort between the Division of Plant Industry (DPI) and the Division of Agricultural Environmental Services (AES). The goal of this website is to provide information to Florida growers and beekeepers on the risks that pesticides can pose to bees and to identify measures that growers and beekeepers can adopt to protect both crops and honeybee colonies. With the information provided on the website, the Department hopes to:

- Identify steps that parties can take to reduce pesticide risks without overly burdening pesticide users or beekeepers;
- Foster communicative and cooperative relationships among growers, beekeepers and regulatory authorities; and
- Promote the legal, responsible, and effective use of pesticides to promote a productive agriculture industry and protect bee health

Click on the following link to access the website:

<http://www.floridabee.protection.org/>

New 'Food Safety on the Farm' Publications

A number of food safety publications in both English and Spanish can be found at the following links:

In English

http://edis.ifas.ufl.edu/topic_series_food_safety_on_the_farm

In Spanish

http://edis.ifas.ufl.edu/topic_series_spa_food_safety_on_the_farm

Higher Density Planting-Rootstock Field Day

Hosts: Dr. Bill Castle, Stephane Gardinier, Lee Jones and Dr. Barrett Gruber

A cooperative 40-acre project with Gardinier Florida Citrus will be on display beginning at 11 am, Thursday, April 18th. There are 20 acres each of 3-yr-old Hamlin and Valencia trees in which whole beds are planted to individual rootstocks. The site consists of 60-ft beds planted to either 3 or 4 rows of trees and 7 to 12 ft in the row. The trees most closely planted are those shown above on Flying Dragon trifoliolate orange, 7 x 12 ft = 518 trees/acre. There will a 30-minute orientation followed by a grove tour with commentary.



Registration: Please register on EventBrite by clicking on the following link:

(http://hd_rootstock_fieldday.eventbrite.com) by 5 pm, April 12th. There is no fee.

Directions:

From the north and SW, get to Indiantown via Highway 710. At the south end of town is a Shell station and a ¼ mile south [towards the canal] is SW Citrus Blvd. Note that recent construction removed the road sign so it may not be marked. Go east ½ mile and turn left on CR 726. Go east ≈ 5 miles to a GFC sign and turn north into the grove through a canker wash station.

From the east, {1} take S.R. 76, a.k.a SW Kanner Blvd. to Indiantown and follow the directions above or, [2] come along SR 76 to Pratt Whitney Rd/SW 96th Street and go west to cross over the St. Lucie canal and turn left onto CR 726 and head towards Indiantown. It's ≈ 5.25 miles to the grove.

By GPS: 16364 SW Citrus Blvd, Palm City, FL 34990.

Pesticide Applicator Training/CEU Opportunities

General Standards (CORE) Training & Testing

- Wednesday, April 3, 2013, 9:00 AM to 11:00 AM with exam to follow at the Extension Classroom, 8400 Picos Rd, Ft. Pierce, FL 34945
- Cost is \$20 with checks payable to SLC Extension Advisory Council
- **Pre-registration Requested.** Call 772 462-1660 for more information

<https://www.eventbrite.com/event/5771503723#>

Certified Pesticide Applicator Exams

- Administered at the St. Lucie Extension office in the afternoon on the first and third Wednesday of each month.
- Private Applicator, Ag Tree Crop, O & T, Aquatic, etc.

Citrus Industry Magazine

- CORE CEU articles
- One General Standards (CORE) CEU

<http://www.citrusindustry.net/index.html>

Florida Grower Magazine

- A Large Selection of General Standards (CORE) and category CEU articles

<http://www.growingproduce.com/crop-protection/ceu-series>

Just for Fun

Billy Bob's Mule

Nugene was traveling down a quiet country road when he noticed a large group of people standing around outside a house up next to the road. He stopped and asked a farmer why such a large crowd was gathered. The farmer replied, "Billy Bob's mule kicked his mother-in-law and she died."

"I see," Gary said. "Well, she must have had a lot of friends."

"Not really," the farmer said, "we just all want to buy his mule."

Under the Wagon

A farm boy accidentally overturned his wagonload of watermelons on the road. The farmer that lived nearby came to investigate. "Hey, Bubba," he called out, "forget this little accident for a while and come and have dinner with us. Then I'll help you turn the wagon back over." "That's very nice of you," Bubba answered, "but I don't think Dad would like me to." "Aw, come on, son!" the farmer insisted. "Well, OK," the boy finally agreed, "but Dad won't like it."

After a hearty dinner, Willis thanked the host. "I feel a lot better now, but I know Dad's going to be real upset."

"Don't be silly!" said the neighbor. "By the way, where is he?"

"Under the wagon," replied Bubba.

Take care,

Tim Gaver, Extension Agent - Citrus
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