

# Citrus Notes



Chris Oswalt  
UF/IFAS Citrus  
Extension Agent  
for  
Polk &  
Hillsborough  
Counties

## IMPORTANT DATES

APRIL 2, 2019

### FLORIDA CITRUS GROWERS' INSTITUTE

Avon Park, FL

APRIL 25, 2019

### CRDF ROOTSTOCK FIELD DAY

Venus, FL

APRIL 30, 2019

### STONE FRUIT FIELD DAY

Citra, FL

MAY 2, 2019

### PRODUCE SAFETY ALLIANCE CITRUS GROWERS TRAINING

Lake Alfred, FL

MAY 14, 2019

### OJ BREAK

Lake Alfred, FL

## CONTACT INFO

### POLK COUNTY EXTENSION SERVICE

PO Box 9005, Drawer HS03  
Bartow, FL 33831  
(863) 519-1052  
Email: [wcoswalt@ufl.edu](mailto:wcoswalt@ufl.edu)

2019

## Florida Citrus Growers' Institute



The 2019 Florida Citrus Growers' Institute will be held on Tuesday, April 2, 2019. The program will be in the

Alan Jay Wildstein Center for the Performing Arts at the Avon Park campus of South Florida State College. This year, we will be including synopsis presentations from information presented at the International Research Conference on HLB held in Riverside, California. **We have 5 CEU's for your Restricted Use Pesticide (RUP) license and 4.5 CEU's for Certified Crop Advisory's (CCA).** I have included the program brochure with registration information in this newsletter. You can also register online at <https://2019floridacitrusinstitute.eventbrite.com/>. **The registration deadline is this Friday, March 29, 2019.**

### Citrus Research & Development Foundation

## Citrus Rootstock Field Day

At 9:30 a.m. on Thursday, April 25, 2019, there will be a CRDF Rootstock Field Day in Highlands County. This Field Day is similar to the one we held in conjunction with CRDF last February 2018 in Avon Park. I have included additional information and a registration flyer in the newsletter.

### Produce Safety Alliance Citrus Grower Training

There will be a Food Safety and Modernization (FSMA), Produce Safety Rule Training held at the UF/IFAS Citrus Research and Education Center in Lake Alfred on Thursday, May 2, 2019. This training will be focusing specifically on fresh market Florida citrus growers. As mentioned in the past, this training will be required (the timeframe for compliance is dependent upon farm revenue) for growers of fresh citrus by the Food and Drug Administration.

I have included a flyer with registration and additional program information.

### May 2019 OJ Break

The May 2019 OJ break will be held at the UF/IFAS Citrus Research and Education Center's BHG Citrus Hall in Lake Alfred. Our speakers will be Dr. Arnold Schumann and Rick Lusher. Dr. Schumann will be discussing the use and selection of soil moisture sensors for use in sandy ridge soils. Rick Lusher, the director of the Florida Automated Weather Network (FAWN), will be discussing opportunities to add your weather stations to the Florida Farm Weather Network.

**UF | IFAS Extension**  
UNIVERSITY of FLORIDA  
*The Foundation for the Gator Nation*  
*An Equal Opportunity Institution*

## FAST TRACK

### NEW CITRUS VARIETY OPTION FOR FLORIDA CITRUS GROWERS

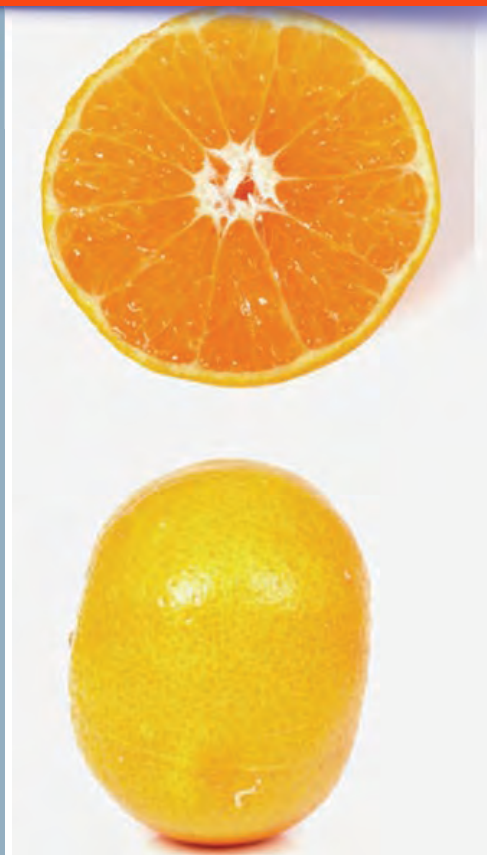
New Varieties Development & Management Corp. (NVDMC) has scheduled statewide grower meetings supporting the launch of FAST TRACK's fourth suite. There is only one citrus selection, 'Marathon', in this latest release. 'Marathon' is an early season seedless mandarin.

All interested commercial citrus growers should plan to attend one of the meetings. A presentation will explain details about the program and registration documentation will be distributed. Representatives from the UF-IFAS Plant Improvement Team and/or FFSP will also be present. Each meeting will last approximately an hour.

*April 04, 2019 10:00 AM Highlands County IFAS Extension Office (Room 2) 4509 George Blvd, Sebring, FL*

*April 09, 2019 9:30 AM UF/IFAS Citrus Research and Education Center 700 Experiment Station Rd, Lake Alfred FL*

*2:00 PM UF/IFAS Indian River Research and Education Center (Auditorium) 2199 S. Rock Rd, Fort Pierce FL*



Mike Sparks and Florida Citrus Mutual ([www.flcitrusmutual.com](http://www.flcitrusmutual.com)) has provided the following information related to the WHIP program and citrus crop insurance. **Please remember that the final deadline for purchasing citrus crop insurance is April 15, 2019.**

### Continuing Crop Insurance Requirements

#### WHIP/Block Grant Programs

1. If you received a payment from the WHIP program for FRUIT lost as a result of Hurricane Irma you must carry at least a 60/100 level Citrus Fruit policy on the Fruit Type designated in the policy on which the WHIP payment was based in the county in which the loss occurred.

You may insure any other varieties on which you did NOT receive a WHIP payment, or on any fruit of any type in a county that was not included in the WHIP payment, at any level you choose, or not at all.

You MUST carry insurance of at least the 60/100 level for each of the next 2 years.

2. If you received a Part 1 Block Grant payment you must carry Citrus Tree Insurance at the 60/100 level on any tree types for which a payment was made in any county that such a payment was made. If you receive a Part 1 AND Part 2 payment, in addition to the required tree coverage you must carry Citrus Fruit insurance at the 60/100 level on the Fruit Type designated in the

policy on which the Block Grant payment was based in the county in which the loss occurred.

Coverage at this level must be maintained for the next 2 years.

Additionally, there are 2 options available under the Block Grant's Insurance requirement.

Option 1 allows you to elect to insure your trees and fruit at the 60/100 level for the next 2 years, after which you are free to reduce your coverage to lower levels if you so desire, but no supplemental premium subsidies will be available.

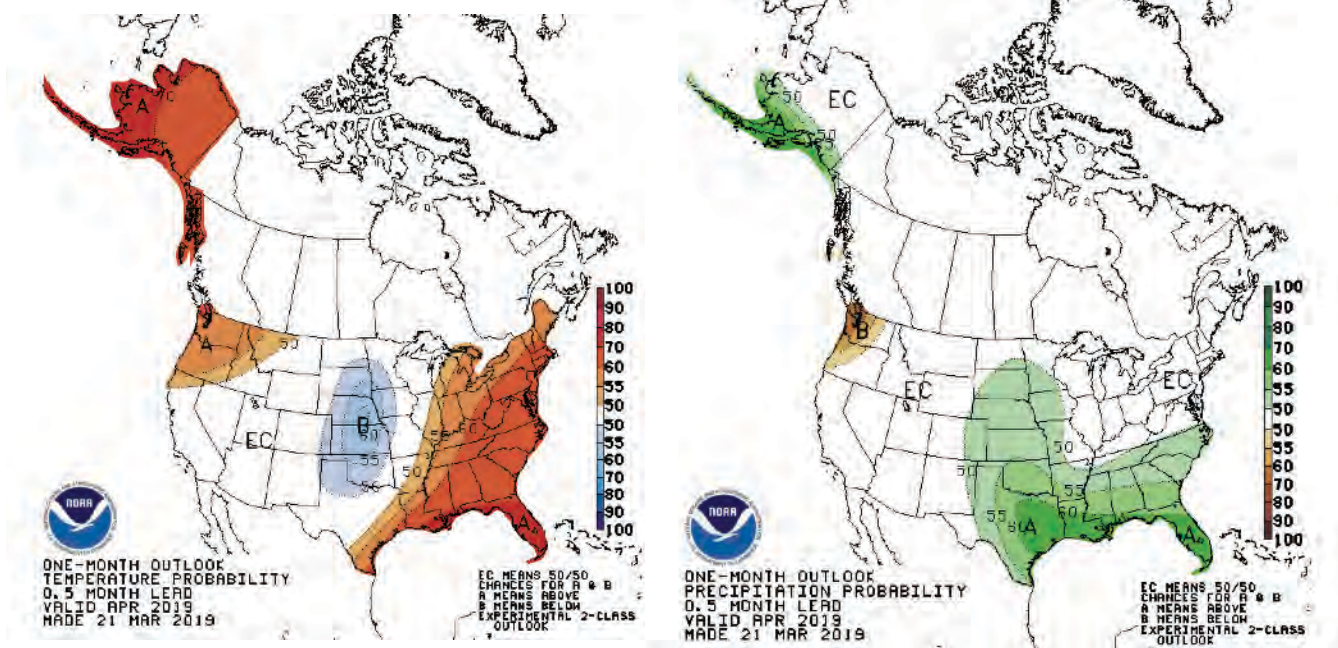
Option 2, if elected, commits you to 4 years, NOT 2 years as in Option 1, with the first 2 years REIMBURSED UNDER PART 3 OF THE BLOCK GRANT PROGRAM. In essence, choosing this option will cut your premium in half if you are at the 60/100 Basic level of coverage!

3. Whole Farm Insurance taken out at the 60/100 level or greater will meet the requirements of the WHIP program for insurance qualification purposes.

Please contact a local crop insurance agent or one of the insurance companies that sell and service crop insurance policies in your state for additional details and requirements regarding Citrus Fruit and Citrus Tree insurance. <https://www.rma.usda.gov/Information-Tools/Agent-Locator-Page>

## WEATHER OUTLOOK

### MONTHLY OUTLOOK FOR APRIL 2019 - TEMPERATURE AND PRECIPITATION



#### Paraquat Certified Applicator Training

A new mandatory certified applicator training module for paraquat is now available. More details of the changes:

1. In the case of paraquat, direct supervision of non-certified employee handlers is no longer allowed.
2. This new requirement takes effect at the time new paraquat labels, which contain the training requirement, enter the channels of trade (by Nov. 14, 2019).
3. Only those who are certified and completing the EPA-approved training may purchase and handle paraquat.
4. The training is required for any certified restricted use pesticide applicator who will be purchasing and handling paraquat products.
5. The training emphasizes proper storage; but, also covers paraquat toxicity, new label requirements and restrictions, consequences of misuse, and other important information.

View the paraquat training and mitigation measures:

Training module and list of FAQs,  
[Training Module](#)

Summary of mitigation measures  
[Summary of Measures](#)

#### Sefina Inscalis™ Insecticide

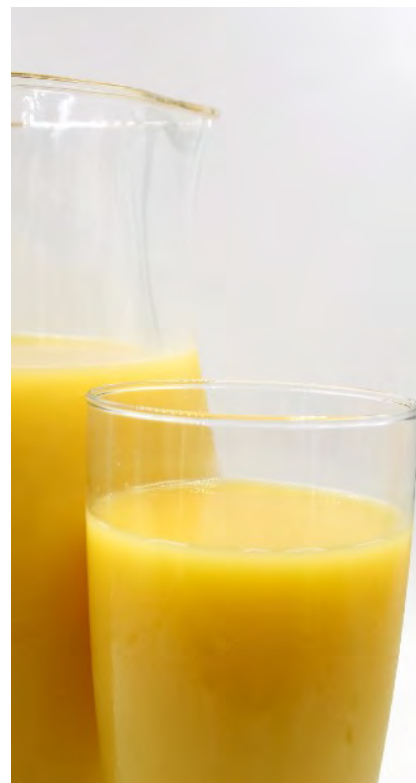
Joe Mitchell of BASF has informed us that Sefina insecticide is now available to citrus growers in Florida. They have had our registrations (EPA and Florida) and now the material will be available at your local distributor.

Sefina insecticide is a new mode of action, group 9D, which BASF indicates offers excellent control of citrus psyllid and aphids in citrus. Sefina is pollinator safe which makes it a valuable tool for a good IPM program.

#### Blockade®50WG Plant Activator

John Taylor of Syngenta indicated that the state of Florida has approved the new Blockade® 50WG Plant Activator

label for use in citrus to aid in the management of citrus canker. This replaces the previous Actigard label. All directions for use remain the same.



## PURPOSE OF THE INSTITUTE

Citrus Greening or Huanglongbing (HLB) continues to impact all citrus production areas of Florida. The 2019 Florida Citrus Growers' Institute is an opportunity for Florida citrus growers to come together to learn about effective management of HLB and other challenges affecting the Florida citrus industry. Topics this year include horticultural management of HLB, Asian citrus psyllid management, and a synopsis of the International Research Conference on HLB.

## CONTINUING EDUCATION UNITS

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

## SPONSORS

### PLATINUM

Bayer CropScience

Harrell's

Syngenta Crop Protection

### GOLD

BASF

FMC Corporation

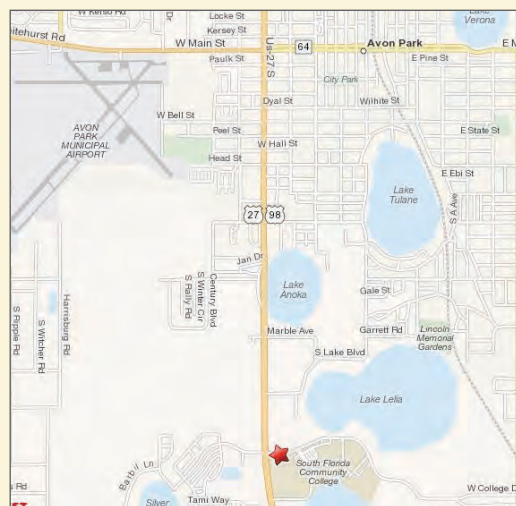
Valent

### BRONZE

Alltech

Gowan

Tree Defender



## 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 merge south of Sebring. 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  
ALAN JAY WILDSTEIN  
CENTER FOR THE PERFORMING ARTS  
600 W. COLLEGE DRIVE  
AVON PARK, FL

# FLORIDA CITRUS GROWERS' INSTITUTE



Conducted by

University of Florida, IFAS Extension  
Citrus Research and Development  
Foundation

South Florida State College  
Alan Jay Wildstein  
Center for Performing Arts  
Avon Park, Florida

April 2, 2019

# 2019 Florida Citrus Growers' Institute

## PROGRAM AGENDA TUESDAY, APRIL 2, 2019

8:00 AM - Registration

8:40 AM - Welcome and Introductions

*Mr. Chris Oswalt, CES, Bartow, FL*

## REGULATORY & CITRUS HORTICULTURE

*Moderator: Mr. Chris Oswalt, CES, Bartow, FL*

8:45 AM - Citrus Regulatory Update - *Ms. Callie Walker, FDACS/DPI*

9:00 AM - Optimizing Grove Nutrition with Leaf Sampling and Nutrient Deficiency Diagnosis - *Dr. Arnold Schumann, UF/IFAS CREC*

9:30 AM - Citrus Weed Control - Efficacy, Longevity and Crop Safety - *Dr. Ramdas Kaniserry, UF/IFAS SWFREC*

10:00 AM - Is it profitable to use mesh bags for protecting young citrus trees? - *Dr. Ariel Singerman, UF/IFAS CREC*

10:15 AM - Break

## INTERNATIONAL RESEARCH CONFERENCE ON HLB

*Moderator: Dr. Steve Futch, CES, UF/IFAS CREC*

10:40 AM - IRCHLB Overview - *Dr. Michael Rogers, UF/IFAS CREC*

10:45 AM - Horticultural Practices - *Dr. Tripti Vashisth, UF/IFAS CREC*

11:10 AM - Asian Citrus Psyllid - *Dr. Lauren Diepenbrock, UF/IFAS CREC*

11:35 AM - HLB Pathology - *Dr. Megan Dewdney, UF/IFAS CREC*

12:00 PM - Lunch

## PSYLLID MANAGEMENT

*Moderator: Dr. Mongi Zekri, CES, LaBelle, FL*

1:00 PM - Psyllid Management Options and Challenges when Reducing Costs, and Resistance - *Dr. Lukasz Stelinski, UF/IFAS CREC*

1:30 PM - Using RNAi Technology to Modify Asian Citrus Psyllid as a Tool in HLB Management - *Dr. Nabil Killiny, UF/IFAS CREC*

2:00 PM - Using Particle Films to Improve Establishment of Citrus Plantings in Florida - *Dr. Christopher Vincent, UF/IFAS CREC*

2:30 PM - Impact of organic and conventional spray programs on Asian citrus psyllid management and yield - *Dr. Jawwad Qureshi, UF/IFAS SWFREC*

3:00 PM - Adjourn

CES: County Extension Service

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

FDACS/DPI: Florida Department of Agriculture & Consumer Services/ Division of Plant Industry, Gainesville, FL

SWFREC: Southwest Florida Research & Education Center, Immokalee, FL

UF/IFAS: University of Florida, Institute of Food and Agricultural Sciences

The Institute of Food and Agricultural Sciences (IFAS) is an Equal Opportunity Institution.



## FLORIDA CITRUS GROWERS' INSTITUTE

April 2, 2019

**PREREGISTRATION  
IS REQUIRED**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Please send registration by March 29, 2019 to:

Gail Crawford, Polk County Extension Service, P.O. Box 9005, Drawer HS03, Bartow, FL 33831

By phone: 863-519-1042, Fax: 863-534-0001, email: [dorothy@ufl.edu](mailto:dorothy@ufl.edu) or

online at: <https://2019floridacitrusinstitute.eventbrite.com/>

# CRDF Rootstock Field Day

Thursday, April 25, 2019

Ben Hill Griffin Inc.

352 Ben Hill Griffin Rd. Venus, Florida (GPS Coordinates 27.113002, -81.312441)



The CRDF Rootstock Field Day will begin at 9:30 a.m. The field trial at Ben Hill Griffin's Blumberg grove consists of one common Valencia clone on the following rootstocks: US-812, US-942, UFR-2, UFR-3, UFR-4, UFR-16, and Sour Orange. This site is one of the three large multi-locations (Venus, Babson Park, and Felda), replicated, four year old trials of Valencia on six candidate HLB-tolerant rootstocks compared to standard trees on US-812. Horticultural performance will be discussed along with the distribution of summary data and maps. Attendees will be free to explore the location.

Drs. Jude Grosser and Kim Bowman will be speaking.

## **Registration**

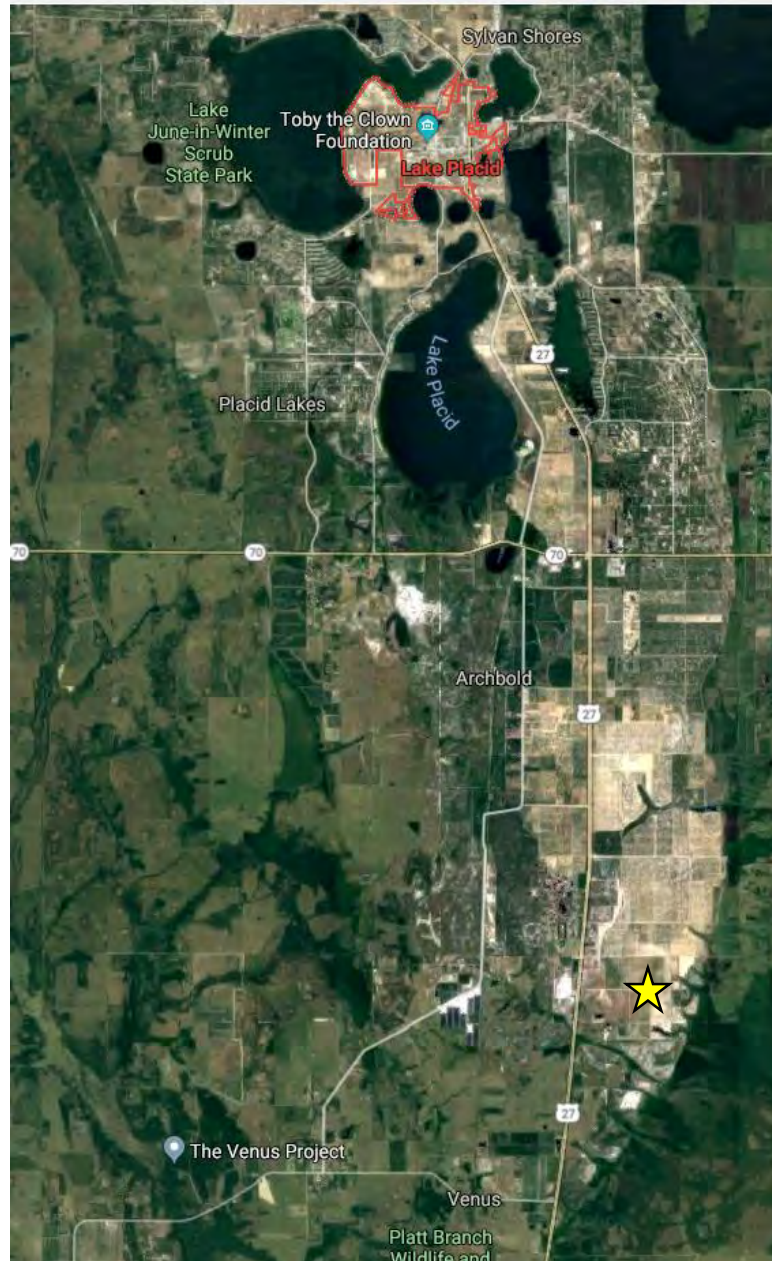
Please RSVP by April 22, 2019

1. Call or email Laurie Hurner, 863-402-6540, lhurner@ufl.edu

OR

2. Online at <https://www.eventbrite.com/e/crdf-rootstock-field-day-registration-59052392295>

For more information, please contact Laurie Hurner, 863-402-6540, lhurner@ufl.edu



UF/IFAS EXTENSION PRESENTS

# STONE FRUIT FIELD DAY

Tuesday  
April 30, 2019  
9:30AM-3:30PM

UF IFAS Extension  
UNIVERSITY OF FLORIDA

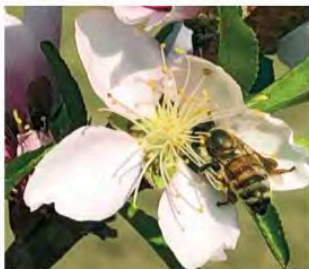
**NO  
REGISTRATION  
FEE**

Sponsored by Maxijet

**PLEASE RSVP BY APRIL 23**  
[stonefruitfieldday2019.eventbrite.com](http://stonefruitfieldday2019.eventbrite.com)  
or to Staci Sanders (352) 591-2678

## Frank Stronach Conference Center

UF/IFAS Plant Science  
Research and Education Unit  
West Highway 318  
Citra, FL 32113



## Questions?

Contact Juanita Popenoe,  
Multi-County Commercial  
Fruit Production Agent,  
UF/IFAS Extension  
Lake County at  
[jpopenoe@ufl.edu](mailto:jpopenoe@ufl.edu) or  
352-343-4101 ext. 2727

## AGENDA

9:30 a.m.-10:30 a.m.	<b>Registration and Welcome</b> Dr. Sarkhosh, Dr. Popenoe and PSREU team
10:00 a.m.-10:20 a.m.	<b>Subtropical Peach Production in Florida: Research and Extension Update</b> Dr. Ali Sarkhosh, UF/IFAS Horticultural Sciences Department
10:20 a.m.-10:45 a.m.	<b>Progress in Low-chill Peach Variety Development for Florida</b> Dr. Jose Chaparro, UF/IFAS Horticultural Sciences Department
10:45 a.m.-11:10 a.m.	<b>Prevention and Management of Peach Diseases in Florida</b> Dr. Phil Harmon, UF/IFAS Plant Pathology Department
11:10 a.m.-11:35 a.m.	<b>Maximizing Fruit Quality of Low-chill Peaches through Optimum Preharvest-Management Practices</b> Dr. Mark Ritenour, UF/IFAS Indian River Research and Education Center
11:35 a.m.-12:00 p.m.	<b>Prevention and Management of Root-knot Nematodes in Peach Orchard</b> Dr. Don Dickson, UF/IFAS Entomology and Nematology Department
<b>12:00 p.m.-1:00 p.m.</b>	<b>Lunch</b>
1:00 p.m.-1:30 p.m.	<b>Nitrogen Fertilization in Subtropical Peaches</b> Dr. Zilfina Rubio Ames, UF/IFAS Horticultural Sciences Department
1:30 p.m.-2:00 p.m.	<b>Bagging as an Alternative Insect and Disease Management Tool</b> David Campbell, UF/IFAS Horticultural Sciences Department
2:00 p.m.-2:30 p.m.	<b>Florida and the Not-So-Giant Peach: Can Peaches from Unthinned Trees be Used in the- Fermentation Industry</b> Savanna Curtis, UF/IFAS Food Science and Human Nutrition Department
2:30 p.m.-3:30 p.m.	<b>Field Plot Tour OR Tasting Fruit of Different Peach Cultivars</b> Drs. Chaparro, Sarkhosh, and Popenoe



# Produce Safety Alliance Grower Training

for Citrus  
Growers

May 2, 2019 8:00am – 5:00pm

UF/IFAS Citrus Research and Education Center  
700 Experiment Station Road • Lake Alfred, FL 33850

## Who Should Attend

Citrus growers and others interested in learning about produce safety, the Food Safety Modernization Act (FSMA) Produce Safety Rule, Good Agricultural Practices (GAPs), and co-management of natural resources and food safety are encouraged to attend. The PSA Grower Training Course is one way to satisfy the FSMA Produce Safety Rule requirement.

## What to Expect

The trainers will spend approximately seven hours of instruction time covering content contained in these seven modules:

- Introduction to Produce Safety
- Worker Health, Hygiene, and Training
- Soil Amendments
- Wildlife, Domesticated Animals, and Land Use
- Agricultural Water (Part I: Production Water; Part II: Postharvest Water)
- Postharvest Handling and Sanitation
- How to Develop a Farm Food Safety Plan

In addition to learning about produce safety best practices, key parts of the FSMA Produce Safety Rule requirements are outlined within each module.

All standard course material will be covered, but instructors will focus the course on topics relevant to fresh-market Florida citrus growers.

There will be time for questions and discussion, so participants should come prepared to share their experiences and produce safety questions.

## Benefits of Attending

The course will provide a foundation of Good Agricultural Practices (GAPs) and co-management information, FSMA Produce Safety Rule requirements, and details on how to develop a farm food safety plan.

After attending the entire course, participants will be eligible to receive a certificate from the Association of Food and Drug Officials (AFDO) that verifies they have completed the training course.

**Cost to Attend: \$25** Please register at: <https://psa050219.eventbrite.com>

Cost for non-industry members is \$125. Cost includes the training materials, lunch, refreshments, and a certificate of attendance issued by AFDO. Seats are limited to 50. For questions, email Sarah McCoy at [sarahmccoy@ufl.edu](mailto:sarahmccoy@ufl.edu).

**Please note: NO substitutions, transfers, or refunds will be issued within one week of the training start date.**



Produce  
Safety  
ALLIANCE

FFVA  
FLORIDA FRUIT  
& VEGETABLE ASSOCIATION

UF | IFAS  
UNIVERSITY of FLORIDA



Training materials and certificate are funded through the Florida Department of Agriculture and Consumer Services (FAIN #U18FD005909)





# Produce Safety Alliance Grower Training



## REGISTRATION FORM

Registration is also available online at: <https://psa050219.eventbrite.com>

**Please note:** NO substitutions, transfers, or refunds will be issued within one week of the training start date.

**UF/IFAS Citrus Research and Education Center – May 2, 2019**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Special meal requirements (vegetarian, etc.)?: \_\_\_\_\_

Your name EXACTLY as you would like it to appear on your certificate:  
\_\_\_\_\_

**Important: Make checks payable to “University of Florida”**

Course registration of \$25 for produce industry members (\$125 for non-industry members) is requested by April 26<sup>th</sup>, 2019. Registration will be confirmed upon receipt of registration materials.

Mail check and registration to: University of Florida  
ATTN: Sarah McCoy  
700 Experiment Station Road  
Lake Alfred, FL 33850  
[sarahmccoy@ufl.edu](mailto:sarahmccoy@ufl.edu)



Training materials and certificate are funded through the Florida Department of Agriculture and Consumer Services (FAIN #U18FD005909)