

March 2023

As we approach the spring season, we can expect slightly cooler weather in the upcoming week. However, the likelihood of cold weather will significantly decrease as we get closer to the beginning of spring. Weather patterns for the season suggest that it will be drier than usual, which may be beneficial for disease suppression. However, it's crucial to ensure timely irrigation for the crop to set and hold properly. Additionally, the use of oxytetracycline truck injections is gaining popularity in the citrus tree industry for controlling bacterial diseases, and there are various opportunities available to learn more about this practice.

In this issue we have also included many upcoming events:

- March 2023 Polk OJ Break meeting
- 2023 Florida Citrus Growers' Institute
- Oxytetracycline Trunk Injection Seminar
- Safety Morning 2023
- and more!

Be sure to save the dates for these and other events coming up. Registration links are included for those programs you can sign up for now.

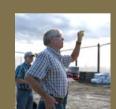
The Foundation for the Gator Nation

An Equal Opportunity Institution



UF | IFAS Extension UNIVERSITY of FLORIDA

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Oxytetracycline Trunk Injection Seminar-March 14, 2023

BY LOURDES PÉREZ CORDERO

UF/IFAS Highlands County Extension will be offering a seminar on Oxytetracycline Trunk Injections with Dr. Ute Albrecht, UF/IFAS, and Josh Steinbronn, TJ Biotech. The event will be on March 14th at 10AM at the Bert J. Harris Jr. Agricultural Center. Even though the event is free of cost, pre-registration is required! This will be a great opportunity to get the most updated information about the trunk injections, learn the dos and don'ts, and ask any questions that you may have. Please find the attached flyer for more information.



Registration Link: <u>https://OTCseminar.eventbrite.com</u>

March OJ Break Update - March 16, 2023

BY CHRIS OSWALT

Our March 2023 OJ Break will be held on Thursday March 16, 2023 at the UF/IFAS Citrus Research and Education Center in Lake Alfred. It will begin at 10:00 a.m. concluding with lunch. This month we will be featuring Dr. Megan Dewdney who will be giving us and update on the management of citrus root systems. Then Dr. Amit Levy, Dr. Tripti Vashisth and Taylor Livingston will present work on the evaluation of citrus tree canopy density and the relationship to overall improvement in tree health and yield. This is a really interesting presentation along with a field demonstration of the technology. I believe this can have some very practical applications for growers. Registration and additional program information is included in the program flyer.



Safety Morning - March 23, 2023

BY AHA PAOLILLO

The annual Safety Morning program will be held at the Turner Agri-Civic Center on March 23, 2023 from 8am-12pm. Worker Protection Standard Handler training will be included in this program along with presentations on personal protective equipment (PPE), equipment safety, first aid/heat tress, and decontamination. We are working in collaboration with the UF College of Medicine to offer a Farmworker Health Fair during and after the Safety Morning program. UF Health, along with local health care service providers and sponsors will be offering free health screenings and vaccinations to Safety Morning program attendees. Participation in the health fair is completely voluntary and the health fair will be open until 2pm. Lunch is being provided by Mosaic to Safety Morning attendees. Registration cost for Safety Morning will be \$5 per person. You may register for this event by using this Eventbrite link



https://2023safetymorning_healthfair.eventbrite.com or by mailing or emailing the registration form on the attached flyer.



In-Person and Online Citrus Seminar - March 29, 2023

Coordinator: Dr. Mongi Zekri, Multi-County Citrus Extension Agent, UF-IFAS, SW Florida

Date & time: Wednesday, March 29, 2023, 11:00 AM - 12:00 Noon Location: SW Florida Research & Education Center, Immokalee

Title: Getting a head start for summer weed control: What works best in citrus?

Speaker: Dr. Ramdas Kanissery, Assistant Professor in Weed Science, UF-IFAS Southwest Florida Research and Education Center, Immokalee. Weed control is often tricky in Florida citrus throughout the year; however, it is even more challenging during summer as weeds love hot and rainy weather. The talk will provide tips to help create the best strategies to minimize weeds in the groves during summer. Summer is also the best time to prevent widespread weed infestations in citrus groves later into the year. Growers will get better control and more bang for the buck with a good weed management program in late spring or early summer than if they wait until midsummer, when weeds such as Spanish needles, guinea grass, etc., get larger, tougher, and have set seeds that will keep the weed control difficult for years to come.

1 CEUs for pesticide license renewal and 1 CEUs for certified crop advisors will be available.

Pre-registration is required. No registration fee and lunch is free Thanks to Sarah Markle with Valent.

To attend in-person e-mail Mongi Zekri (maz@ufl.edu) To register and attend via Zoom, here is the Zoom link: https://ufl.zoom.us/j/93775867321?pwd=ZThSYi9EN3ZmSndqenJRckxFbTFqUT09

2023 Florida Citrus Growers' Institute - April 4, 2023

The Florida Citrus Growers' Institute will be held on **Tuesday April 4, 2022**, on the campus of South Florida State College's University Center Auditorium in Avon Park. Make plans now to join us for the all-day educational event complete with CEU's for Certified Crop Advisors and Restricted Use Pesticide license holders and lunch. Included in this issue is the program brochure with registration and program information.



Certified Pile Burners Class - April 11, 2023

The Florida Forest Service and University of Florida Cooperative Extension Service will be conducting a Certified Pile Burners Course on Tuesday, April 11, 2023. This course will show you how to burn piles legally, safely and efficiently. Most importantly, it could save a life. If you burn piles regularly, don't put off registering for this training. When the weather is dry, certified pile burners will receive priority for authorization to burn. Also, certified pile burners are allowed to burn up to two hours longer per day and get multiple day authorizations. Don't wait. The number of trainings offered and attendance at each training is LIMITED. This training will be held from 8:30 am till 4:30 pm at the Southwest Florida Research and Education Center, Immokalee, Florida. Included are a registration form and program agenda.

Pre-registration is required to attend. Send your registration form and check as soon as possible.

PRE-REGISTRATION WILL NOT BE ACCEPTED WITHOUT PAYMENT OF THE REGISTRATION FEE.

The registration fee of \$50 covers the training sessions, a booklet with all the presentations in color, other handouts, refreshments, and lunch.





When & Where?

- **Date:** March 14th, 2023
- Time: 10:00AM
- Location: Bert J Harris Jr. Agricultural Center 4509 George Blvd., Sebring FL 33875

CEU's

• 2 CEU's available for Private, Ag Row Crop, or Ag Tree Crop

Speakers:

- Dr. Ute Albrecht, UF/IFAS
- Josh Steinbronn, TJ Biotech

Registration:

• Register Through Link or QR Code:

https://OTCseminar.eventbrite.com







4509 George Blvd, Sebring, FL 33875



863-402-6540 lperezcordero@ufl.edu

March 2023 OJ Break



March 16, 2023 9:30 am to 12:00 pm



Update on the Management of Citrus Root Systems & Evaluating HLB Disease Severity after Trunk Injection and other Treatments, Using Canopy Density

Measurements

Dr. Megan Dewdney, Dr. Amit Levy, Dr. Tripti Vashisth and Taylor Livingston from the UF/IFAS Citrus Research and Education Center, will discuss these important topics and how this information can help improve your overall production.

9:30 am Check-in, BHG Citrus Hall

10:00 am Update on Citrus Root Systems

10:50 am Evaluating HLB Disease Severity with Canopy Density Measurements

12:00 pm Lunch will be provided by Justin Cain and Chemical Dynamics

Pre-registration is required by Monday March 13, 2023 using Eventbrite:

https://march2023ojbreak.eventbrite.com
Or Contact Joy Spencer to register 863-519-1041

2 RUP CEU in Private, Ag Tree, Ag Row, and Demo & Research will be available.

1 Pest & 1 Crop Management Certified Crop Advisor CEU's will be available.

An Equal Opportunity Institution. UF/IFAS Extension, University of Florida, Institute of Food and Agricultural Sciences, Andra D. Johnson, dean for UF/IFAS Extension. Single copies of UF/IFAS Extension publications (excluding 4-H and youth publications) are available free to Florida residents from county UF/IFAS Extension offices.

SAFETY MORNING 2023 & FARMWORKER HEALTH FAIR

March 23, 2023 8am-2pm Turner Agri-Civic Center 2250 NE Roan St. Arcadia, FL 34266





The Safety Morning program will provide the necessary training for pesticide handlers to be in compliance with the Worker Protection Standard (WPS). Participants will also be given safety information on other important topics when working in citrus groves. English and Spanish sessions will be provided.



Program Topics

- WPS Handler Training
- Equipment Safety
- Personal Protective Equipment
- First Aid and Heat Stress
- Decontamination

Cost: \$5/per person
Check-in starts at 7:30am, program runs 8am-12pm.

2.5 RUP CEUs available in Private, Ag Tree, Ag Row, Aquatic, Natural Areas, Regulatory Pest Control, & Right of Way

2.5 CCA CEUs available in Pest Management

This year we are excited to offer a Farmworker Health Fair during and after the Safety

Morning program! This is a great opportunity for program participants

to focus on their health while receiving the following benefits:



- Free health screenings and vaccines
- Free food Lunch is being provided by Mosaic
- Educational resources
- · Local organizations ready to help.
- Health Fair open until 2pm

For inquires regarding the Farmworker Health Fair, contact Dr. John Diaz at (813)757-2297

john.diaz@ufl.edu

or

Dr. Norman Beatty at (352)294-5481 norman.beatty@medicine.ufl.edu

Pre-registration is required by mailing the attached registration form or online through Eventbrite:

https://2023safetymorning_healthfair.eventbrite.com

for more information contact: Ajia Paolillo, UF/IFAS Extension DeSoto County ajiacunningham@ufl.edu (863)251-4763

Thank you to our sponsors and partners!













Safety Morning 2023 & Farmworker Health Fair

March 23, 2023 8am-2pm Turner Agri-Civic Center 2250 NE Roan St. Arcadia, FL 34266



Cost: \$5/person

Registration Form				
Company Name/Contact Person: Company Mailing Address:				
name	English	Spanish	health fair? (Y/N)	

Pre-registration is required. Please mail registration form and fees to:

Ajia Paolillo, UF/IFAS Extension DeSoto County

2150 NE Roan St. Arcadia, FL 34266 Please make checks payable to: Hardee Citrus Advisory Committee

PURPOSE OF THE INSTITUTE

include horticultural management of HLB, citrus diseases affecting the industry. Topics this year management of HLB and other challenging growers to come together to learn about effective continues to impact all citrus production areas of rootstock and scion combinations. pest management and observations on citrus Institute is an opportunity for Florida citrus Florida. The 2023 Florida Citrus Growers' Citrus Greening or Huanglongbing (HLB)

CONTINUING EDUCATION UNITS

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

SPONSORS

PLATINUM

Citrus Research and Development Foundation Syngenta Crop Protection

GOLD

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SILVER

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BRONZE

Bayer

Tree Defender



DIRECTIONS

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

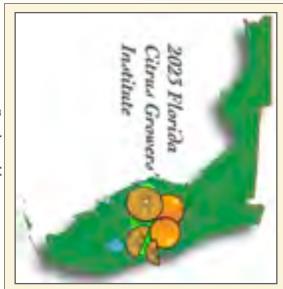
towards Avon Park, turn east onto W. College Drive and follow the signs to the University Center From the South: Take U.S. Hwy. 27/98 north

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

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

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

UNIVERSITY CENTER AUDITORIUM SOUTH FLORIDA STATE COLLEGE 600 W. COLLEGE DRIVE AVON PARK, FL



Conducted by

University of Florida, IFAS Extension, Citrus Research and Development Foundation

University Center Auditorium South Florida State College Avon Park, Florida April 4, 2023

2023 Florida Citrus Growers' Institute

PROGRAM AGENDA TUESDAY, APRIL 4, 2023

8:00 AM - Registration

8:25 AM - Welcome and Introductions

Mr. Chris Oswalt, CES, Bartow, FL

8:30 AM - CRDF Program Update - Mr. Rick Dantzler, COO, CRDF

8:45 AM - CREC Update - Dr. Michael Rogers, Center Director, UF/IFAS CREC

CITRUS PEST MANAGEMENT

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

9:00 AM - Nematode IPM in Young Groves - Dr. Larry Duncan, UF/IFAS CREC
9:30 AM - Interrupting the Chemistry of Attraction between 'Candidata' Liberibacter asiaticus' and Diaphorina citri to mitigate Huanglongbing in Citrus - Dr. Nabil Killiny, UF/

10:00 AM - A Decade of Psyllid Suppression and Strategies with Newly Developed and Conventional Chemicals - Dr. Jawwad Qureshi, UF/IFAS SWFREC

IFAS CREC

10:30 AM - Break

CITRUS HORTICULTURE

Moderator: Ms. Lourdes Cordero, CES, Sebring, FL

10:45 AM - Update on Trunk Injection - Dr. Ute Albrecht, UF/IFAS SWFREC

11:15 AM - IPC's and Brassinosteroids to Prolong Health and Improve Fruit Yield and Quality in Newly Planted Trees Under HLB - Dr. Fernando Alferez , UF/IFAS SWFREC

11:45 AM - Update on Gibberellic Acid Studies - Dr. Tripti Vashisth, UF/IFAS CREC

12:15 PM - Lunch

Moderator: Ms. Ajia Paolillo, CES, Arcadia, FL

1:15 PM - N13-32 Hamlin on UFR-4
Rootstock: Initial Observations - Dr. John
Chater, UF/IFAS CREC

1:45 PM - Trends in Citrus Scion and Rootstock Propagations in Florida - Mr. Ben Rowon, Bureau Chief, Florida Department of Agriculture and Consumer Services, Citrus Budwood Program

2:15 PM - Practical Discussion of Current Grower Observations of Citrus Rootstock and Scion Combinations - Grower Panel

3:00 PM - Adjourn

CES: Cooperative Extension Service

COO: Chief Operating Officer

CRDF: Citrus Research and Development Foundation

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

Education Center, Immokalee, FL
UF/IFAS: University of Florida, Institute of
Food and Agricultural Sciences

SWFREC: Southwest Florida Research &

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

PREREGISTRATION

IS REQUIRED

City/State/Zip:_

Name:

Phone:

Company:_ Address:__

FLORIDA CITRUS GROWERS' INSTITUTE April 4, 2023	2025 Florida Citrus Growers Institute

Please send registration by March 31, 2023 to:

Joy Spencer, Polk County Extension Service, P.O. Box 9005, Drawer HS03, Bartow, FL 33831

Email:

By phone: 863-519-1041, Fax: 863-534-0001, email: j.spencer@ufl.edu or

online at: https://2023floridacitrusgrowersinstitute.eventbrite.com

2023 Spring Weather Outlook

BY CHRIS OSWALT

TThe National Oceanic and Atmospheric Administration (NOAA) has recently published its latest weather outlook for the spring of 2023, and the outlook for temperature and rainfall is particularly noteworthy. According to the outlook, there is a higher probability of above-normal temperatures during this period (as indicated in figure 1). This means that we may expect to experience warmer temperatures compared to what is typically seen during the spring months.

The outlook for rainfall (depicted in figure 2) also presents a different picture, with an increased chance of below-normal rainfall. This suggests that we may receive less rainfall compared to what is typical for the spring months. The El Nino Southern Oscillation (ENSO) forecast also plays a crucial role in shaping the

weather outlook for this period. The forecast indicates that the current La Nina conditions will transition to ENSO-neutral conditions over the next couple of months. ENSO-neutral conditions are characterized by the absence of either El Nino or La Nina conditions. The forecast predicts that these neutral conditions will persist through the spring and early summer.

In conclusion, the latest NOAA weather outlook for the spring of 2023 suggests that we may experience warmer temperatures and lower rainfall than what is typical for the period. The ENSO forecast will play a significant role in shaping the weather conditions, and it is important to stay updated on its developments..

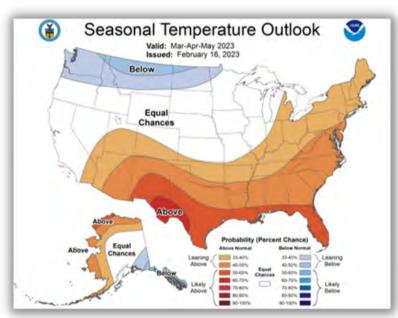


Figure 1. Spring 2023 temperature outlook

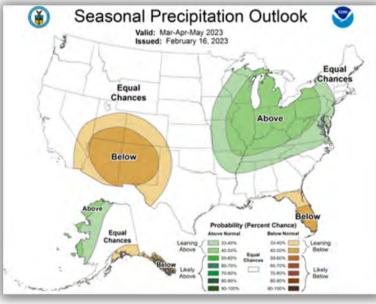


Figure 2. Spring 2023 precipitation outlook

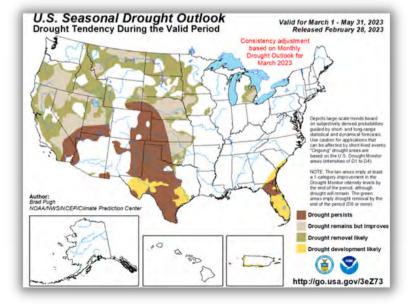


Figure 3. Spring 2023 drought outlook

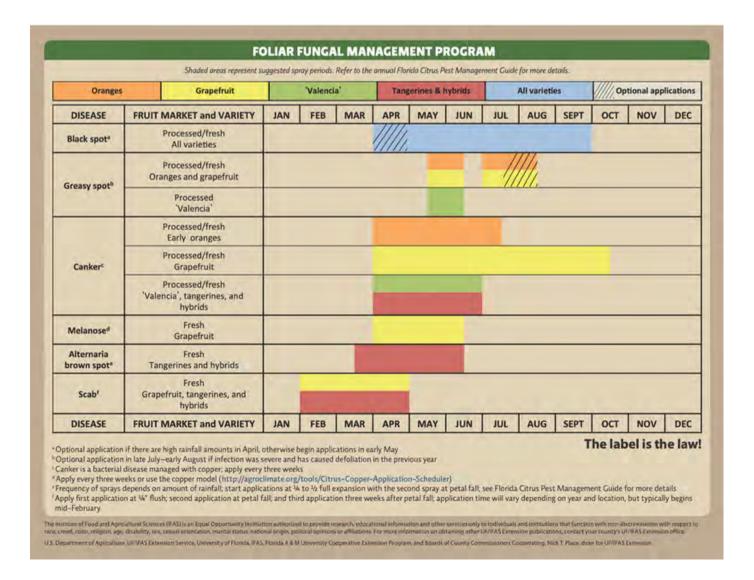
Citrus Fruit Fungal Diseases

BY CHRIS OSWALT

Citrus fruit fungal diseases can be a significant problem for growers, causing damage to the fruit and reducing its quality. Many of these diseases thrive in wet conditions, so when there is a dry spell, it can be good news for citrus growers. In Florida, where citrus farming is a major industry, several fungal diseases are particularly problematic, including melanose, scab, alternaria brown spot, citrus canker, and greasy spot.

Melanose is a fungal disease that can affect all fresh citrus varieties, and its severity is often related to the number of recently killed twigs in the tree canopy. Scab affects fresh grapefruit, tangerines, and tangerine hybrids, while alternaria is limited to mostly fresh tangerines and tangerine hybrids, including Minneola tangelos. Citrus canker is another disease that can affect all citrus varieties, both fresh and processed, and it poses a persistent threat throughout the growing season, especially in late summer when uncontrolled citrus leafminer populations are present. Finally, greasy spot rind blotch is a disease that predominantly affects fresh grapefruit, but all varieties, whether fresh or processed, are susceptible to foliar infection.

To control these diseases, it's important for growers to schedule their applications of fungicides at the right time. The Florida citrus production guide provides a fruit fungal management program that lists the susceptibility of specific citrus varieties to these fungal diseases and the timing of fungicide applications. By following this program, growers can optimize the control of these early fruit fungal diseases and reduce the damage they cause. Specific guidance on the recommended fungicides for use on these diseases can be found in the Florida citrus production management guide (https://crec.ifas.ufl.edu/resources/production-guide/).





Trunk Injections

BY AJIA PAOLILLO

If you are a citrus grower in Florida, you have undoubtedly heard of trunk injections using oxytetracycline, a systemic antimicrobial bactericide product. Trunk injection trials have been going on for some time to determine the effectiveness of this type of application method against Hunglongbing (HLB) symptoms and Candidatus Liberibacter asiaticus (CLas), the bacteria that causes HLB. TJ Biotech LLC was the first company to receive approval from the Environmental Protection Agency (EPA) for this application method and formulation. The EPA granted TJ Biotech LLC a FIFRA 24(c) Special Local Needs Label back in October 2022 for the product ReMedium TI. Agrosource, Inc. has also received EPA approval for a Section 24(c) label for their product Rectify, in January 2023. Both formulations are 95% (by volume) Oxytetracycline Hydrochloride, which is equivalent to 87.9% and 88.0% oxytetracycline, respectively.

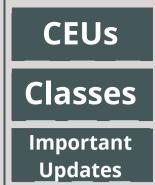
TJ Biotech, LLC has also released their trunk injection device, FLexInject, to be used to deliver the ReMedium TI into the tree. This device is a translucent, UV protected, plastic tube which houses the rubber balloon used to hold the ReMedium TI. The rubber balloon is attached to rubber tubing which has a valve and injection port at the end. This valve controls the flow of the ReMedium through the injection port. This valve can be closed after the FlexInject is filled with the desired rate and opened once the port is inserted into the tree trunk. To insert the port into the tree, a hole is drilled into the rootstock and the ReMedium is taken up by the tree through the xylem. Agrosource, Inc. does not list a specific injection device on their product label.

The depth of the hole to be drilled is dependent on trunk diameter. Product concentration is measured in parts per million and volume rate is measured in milliliters. Concentration and volume rate are determined by the tree's bearing or non-bearing status (mature vs young), HLB symptom severity and canopy density, and the trunk diameter. Both products are recommended to be added to a solution which has been buffered by muriatic acid to lower the pH of the injection solution to a range of 1.8-2.0. This information can be found on both product labels. The amount of time needed to empty the injection device varies by tree. Factors contributing to this variation are rate applied, tree canopy volume, HLB severity, tree transpiration rate, and air temperature.

Crews available for hire are being trained in the injection process and growers may also be training their own employees to do the injections. Most blocks have varying age, size, and HLB severity within the block. Growers will need to determine which trees will receive the specified concentration and volume rate. It may be beneficial to have one or two people who will determine this based on those factors, especially the canopy density. This will allow their determination to be consistent from tree to tree and block to block. Also, growers may find it beneficial to map out each block and mark the respective concentrations and rates. This may make filling the injection devices easier if a specific concentration and volume rate was delivered to selected trees during a certain time, then switching to another concentration and rate. For example, a grower may choose to inject all of their non-bearing trees in one week and then move to bearing trees the next.

As more growers utilize this application method for oxytetracycline, I know I will be anxious to see how the trees respond over time. One the UF/IFAS Citrus Research and Education Center website there are links to both the ReMedium TI and Rectify product labels https://crec.ifas.ufl.edu/. For more information on these products and the injection devices, please contact your chemical company representative. This article is not an endorsement for any specific product that is listed or an official recommendation of practices.





The Pesticide Cabinet

Your central location for upcoming CEU workshops, pesticide license exam review classes, and more.

Don't forget to be earning CEUs!

Remember your pesticide license is only valid for 4 years. You can renew by earning CEUs or taking the exams again.

- Private 4
- Ag Tree Crop 8
- Aquatic 16
- Orn & Turf 12

How many CEUs do you need?

Everyone needs 4 CEUs in Core

Everyone needs 4 CEUs in Core in addition to the required CEUs in your category

- Natural Areas 16
 - Right of Way 8
 - Ag Row Crop 8
- Demo & Res. 4

General Standards Core Exam Review Class

Date: Tuesday April 11, 2023 Time: 9:00am-1:00pm

Location: Bert J. Harris Jr. Agricultural Center

4509 George Blvd. Sebring, FL 33875

Cost: \$15/class

Instructor: Lourdes C. Pérez Cordero

Registration: https://COREreviewclass23.eventbrite.com

This class will review the required information for the General Standards Core exam to obtain restricted use pesticide licenses in Florida

4 CEUs available in:

Core

CEU Article Update!

4 Core CEU's are always available online through Citrus Industry magazine

https://citrusindustry.net/ceu

Important Note: Beginning February 2023, CEU articles will no longer be available in the printed copy of Citrus Industry Magazine. The articles and tests will only be available online at the above website. However, these past issues from 2022 still have printed articles that are eligible for CEU credit until their expiration date which is one year from the publication date:

May 2022, August 2022, & November 2022.

CEU Reminder!

Most of our events, both in-person and online also offer various CEUs for restricted use pesticide license holders and Certified Crop Advisors

Food Safety Event Calendar



Winter/Spring 2023



Produce Safety Alliance Grower Training

A one-day course for produce growers and packers who fall under FSMAs Produce Safety Rule.

- January 24th- Newberry https://psa012423.eventbrite.com
- March 23rd- Jacksonville (White Harvest Farms) https://psa032323.eventbrite.com
- April 19th- Belle Glade https://psa041923.eventbrite.com
- April 20th- West Palm Beach https://psa042023.eventbrite.com
- April 25th- Tavares https://psa042523.eventbrite.com

Remote- Produce Safety Alliance Grower Training

A three-day, three-hour virtual course for fruit and vegetable growers and packers who fall under FSMAs Produce Safety Rule.

- February 14th-16th Remote PSA Training https://psa021423.eventbrite.com
- April 4th-6th Remote PSA Training https://psa040423.eventbrite.com
- May 2nd- 4th Remote PSA Training https://psa050223.eventbrite.com



Preventive Controls for Human Food-Preventive Controls Qualified Individual (PCQI) Training

This three-day course for those covered under FSMAs Preventive Controls for Human Food Rule

March 28th-30th –Lake Alfred
 https://fspca032823.eventbrite.com

Remote-HACCP for Florida Fresh Fruit and Vegetable Packinghouses

This four-day virtual course focuses on HACCP principles for fruit and vegetable packinghouses.

January 31st- February 3rd
https://haccp013123.eventbrite.com



Sign up for an On-Farm Readiness Review

A free educational opportunity intended to prepare growers for FSMA Produce Safety Rule inspection.

Participants must have taken a Produce Safety

Alliance Grower Training. To sign up for an On-Farm Readiness Review, visit: www.fdacs.gov/ofrr.

For registration questions, contact <u>sarahmccoy@ufl.edu</u>
For general food safety questions, contact <u>taylorlangford@ufl.edu</u>



Orchard Field Day

Fruit Crop Diversification Options











Thursday, April 27, 2023 | 9:00 a.m. to 3:30 p.m.

Location:

Frank Stronach Conference Center, UF/IFAS Plant Science Research and Education Unit (PSREU) 2556 West Highway 318, Citra, FL 32113

Questions?

Contact Dustin Huff, UF/IFAS Horticultural Sciences.

dustinmhuff@ufl.edu,

or (352) 273-2005

Coordinators: Ali Sarkhosh, Muhammad Adnan Shahid, and Kevin Athearn

Registration is Free

Time	Session
9:00 a.m.	Registration and Welcome Dr. Ali Sarkhosh and PSREU team
9:30 a.m.	Persimmon Production and Challenges Dr. Ali Sarkhosh, UF/IFAS Horticultural Sciences Department
10:00 a.m.	Blueberry Cultivars for North and North Central FL Dr. Jeff Williamson, UF/IFAS Horticultural Sciences Department
10:30 a.m.	Blackberry Cultivars for North FL (online via zoom) Dr. Amanda McWhirt, Department of Horticulture, University of Arkansas
11:00 a.m.	Cold Hardy Citrus Production and Challenges Dr. Muhammad Adnan Shahid, UF/IFAS North Florida Research & Education Center – Quincy
11:30 a.m.	Costs and Potential Returns for Selected Fruit Crops Dr. Kevin Athearn, Regional Specialized Agent in Rural and Agribusiness Development, UF/IFAS North Florida Research & Education Center - Suwannee Valley

Time	Session
12:00 p.m.	Lunch
1:15 a.m.	Marketing and Promoting FL products and Agritourism Melissa Hunt, Florida Department of Agriculture and Consumer Services
1:45 p.m.	Opportunities for Fruit Producers to Connect with Consumers Dr. Catherine G. Campbell, UF/IFAS Family Youth and Community Sciences Department
2:10 p.m.	Elderberry Dave Jarnagin, Hyldemoer + Co
2:35 p.m.	Passionfruit Mark Bailey, UF/IFAS Extension Marion County
3:00 p.m.	Roselle Brandon White, UF/IFAS Extension Lake and Orange County

To Register, please click: https://www.eventbrite.com/e/557146719837

PLEASE RSVP BY April 20, 2023 or call Lesley Reddick (352) 591-2678

Are you interested in being a sponsor for this newsletter?

IF YOU BECOME A SPONSOR, YOUR INFORMATION WILL BE FEATURED IN THE 10 ISSUES OF THIS NEWSLETTER FOR 2023.

For pricing and other information, please contact Chris Oswalt (863) 519-1052 wcoswalt@ufl.edu

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Ajia Paolillo (863) 251-4763 ajiacunningham@ufl.edu

or

Lourdes Pérez Cordero (863) 402-6540 lperezcordero@ufl.edu