

FEBRUARY 2023 | VOL. 23:02

Citrus from the Ridge to the Valley

CENTRAL FLORIDA CITRUS EXTENSION

February 2023

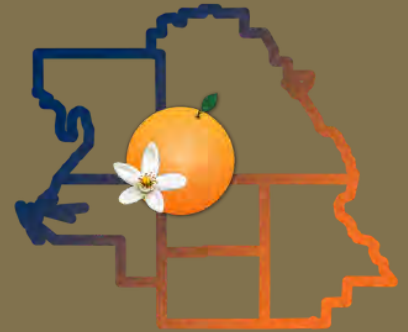
As we continue to be in the winter months, temperatures are ranging from cold nights and cool mornings to warm afternoons. Cold fronts keep passing through bringing us some needed rain. Trees are beginning to flush out and some blooms are appearing. In this issue we have information for you on citrus fungal diseases, monitoring their symptoms and recommended management options. Also included is a reminder of best practices to ensure the effectiveness of your pesticide applications.

In this issue we have also included many upcoming events:

- Citrus and Nutrition Workshop - tomorrow February 15th
- In-person and online pest management seminar
- Grower Forum and Polk OJ Break meeting dates
- Fungal Disease Management Seminar
- 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.

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UF | IFAS Extension
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Upcoming Events

Citrus Water and Nutrient Management Workshop- February 15, 2023

BY CHRIS OSWALT



The citrus workshop will cover topics related to BMPs, irrigation scheduling and optimizing citrus nutrition and tree health. The workshop will be held on Wednesday, February 15, 2023 at the UF/IFAS Citrus Research and Education Center, BHG Citrus Hall, 700 Experimentation Station Rd. Lake Alfred, FL. For additional information and registration please use the following Eventbrite link: <https://www.eventbrite.com/e/citrus-water-and-nutrient-management-workshop-tickets-444567111197>. For more information see the attached flyer.

In-Person and Online Citrus Seminar – February 22, 2023

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

Date & time: Wednesday, February 22, 2023 11:00 AM – 12:00 AM

Location: SW Florida Research & Education Center, Immokalee

Title: Citrus Pests and Management in Traditional Orchards and CUPS

Speaker: Dr. Jawwad Qureshi, Associate Professor in Entomology, UF-IFAS Southwest Florida Research and Education Center, Immokalee. Dr. Qureshi will provide knowledge and understanding of the pests, which attack citrus crops in the traditional open orchards and Citrus Under Protective Screen (CUPS). This includes recognition and monitoring of pests and beneficial organisms as well as management of the pests using cultural, biological, and chemical methods of control, particularly for Asian citrus psyllid. 2 CEUs for pesticide license renewal and 2 CEUs for certified crop advisors will be available. **Pre-registration is required.**

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/97167367013?pwd=cWovR05MR2lXTOMzRDlubU9wQzI0QT09>

Grower Forum– March 2, 2023

BY AJIA PAOLILLO



I will be hosting a Grower Forum on March 2, 2023 from 11am-1pm in Wauchula at the UF/IFAS Hardee County Extension office. This will be another opportunity for growers to share ideas and experiences on production practices. I would like to start the conversations off by discussing the current status of tree health, post-hurricane, in blocks treated this past fall with gibberellic acid. We can discuss other plant growth regulators use and the recent addition of oxytetracycline as an injectable option. Lunch will be provided, use this link to register by Monday February 27th: <https://citrusgrowerforum03022023.eventbrite.com>

Management of Citrus Fungal Diseases Seminar – March 9, 2023

BY LOURDES PÉREZ CORDERO

Dr. Megan Dewdney, plant pathologist, UF/IFAS CREC will be speaking about fungal diseases that commonly occur in citrus and their management. The seminar will be held at the UF/IFAS Highlands County Extension office starting at 10am. Please find the attached flyer for more information. Registration Link: <https://citrusdiseases.eventbrite.com>

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



Upcoming Events

Polk OJ Break – 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 Drs Megan Dewdney and Amit Levy. Megan will update us on citrus root health and Amit's work on the evaluation of citrus tree canopy density and the relationship to overall improvement in tree health. 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. We will have more information in the March newsletter.

Safety Morning – March 23, 2023

BY AJIA 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 stress, and decontamination. We are working in collaboration with 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.

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. More details on the agenda and registration will be coming soon!

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.

For Questions and to receive a registration form, contact: Dr. Mongi Zekri at maz@ufl.edu or 239-595-5494

Citrus Water and Nutrient Management Workshop

The workshop will cover topics related to BMPs, irrigation scheduling, optimizing citrus nutrition and tree health.

Refreshments and lunch will be provided. CCA CEUs have been requested.



Agenda

- 8:30 am Registration
- 9:00 am Welcome and Introductions, Mr. Chris Oswalt, Multi-County Extension Agent
- 9:10 am Updates on BMPs in Citrus, Dr. Kelly Morgan, Professor of Crop Nutrition
- 9:40 am Using Smart-Irrigation Apps for Irrigation Scheduling in Citrus, Dr. Sandra Guzman, Assistant Professor of Hydrology and Smart Irrigation
- 10:10 am Break
- 10:20 am Silicon: A Beneficial Nutrient for Citrus Production, Dr. Muhammad Shahid, Assistant Professor of Horticulture
- 10:50 am Impact of Micronutrients on Young HLB-Affected Citrus Trees, Dr. Davie Kadyampakeni, Assistant Professor and Dr. Samuel Kwakye, Postdoctoral Research Associate
- 11:20 am Wrap-up, Comments/Questions, Mr. Chris Oswalt, Multi-County Extension Agent
- 11:40 am Lunch
- 12:40 pm Field Tour

February 15, 2023

8:30 am – 2:00 pm

Location:

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

Cost: \$30 - \$40

Registration deadlines:

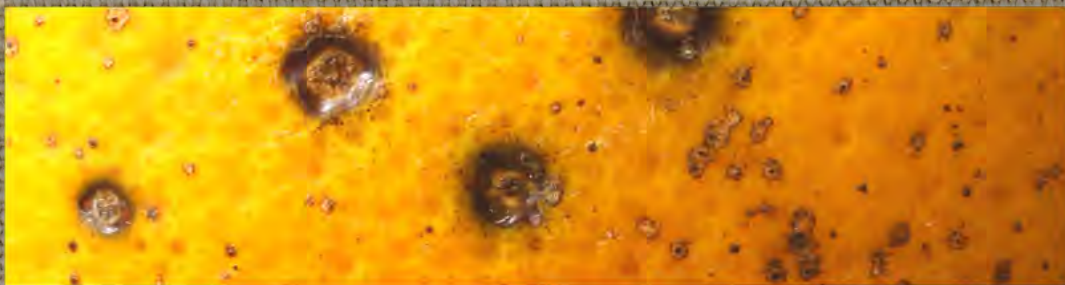
Registration by
February 8, 2023: \$30

Registration after
February 8, 2023: \$40

For more information, contact:

Jamie Burrow
jdyates@ufl.edu
863-956-8648

<https://citruswaterworkshop2023.eventbrite.com>



Management of Citrus Fungal Diseases Seminar

Date: March 9th, 2023 @ 10:00AM

Location: Bert J. Harris Jr. Agricultural Center
4509 George Blvd, Sebring, FL, 33875

Speaker: Dr. Megan Dewdney, UF/IFAS CREC

Registration Link: <https://citrusdiseases.eventbrite.com>



1 CEU offered for:

- Private
- Ag Row Crop
- Ag Tree Crop



Contact: Lourdes Pérez Cordero
Phone: (863) 402-6540
E-mail: lperezcordero@ufl.edu

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OXYTETRACYCLINE TRUNK INJECTIONS SEMINAR

When & Where?

- **Date:** March 14th, 2023
- **Time:** 10:00AM
- **Location:** Bert J Harris Jr. Agricultural Center
4509 George Blvd. , Sebring FL 33875
- **2 CEU's available for:**
Private, Ag Row Crop, Ag Tree Crop

Speakers:

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

Registration:

- Pre-registration is required!
- Eventbrite Link:
<https://OTCseminar.eventbrite.com>



CONTACT



4509 George Blvd, Sebring, FL 33875 863-402-6540
lperezcordero@ufl.edu

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SAFETY MORNING 2023 & FARMWORKER HEALTH FAIR

March 23, 2023
8am-2pm

Turner Agri-Civic Center
2250 NE Roan St.
Arcadia, FL 34266

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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.

RUP and CCA CEUs
have been requested.

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: Aija Paolillo, UF/IFAS Extension DeSoto County
ajiacunningham@ufl.edu (863)251-4763

Thank you to our sponsors and partners!



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Clinic Network
A Family of Patient-Centered Free Clinics

UF | College of Medicine
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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	Select Language Session		Participating in the health fair? (Y/N)
	English	Spanish	

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

2023 Late Winter/Early Spring Weather Outlook

BY CHRIS OSWALT

The National Oceanic and Atmospheric Administration (NOAA) has recently published its latest weather outlook for the late winter and early 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 late winter and early 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 late winter and early 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 late winter and early 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.

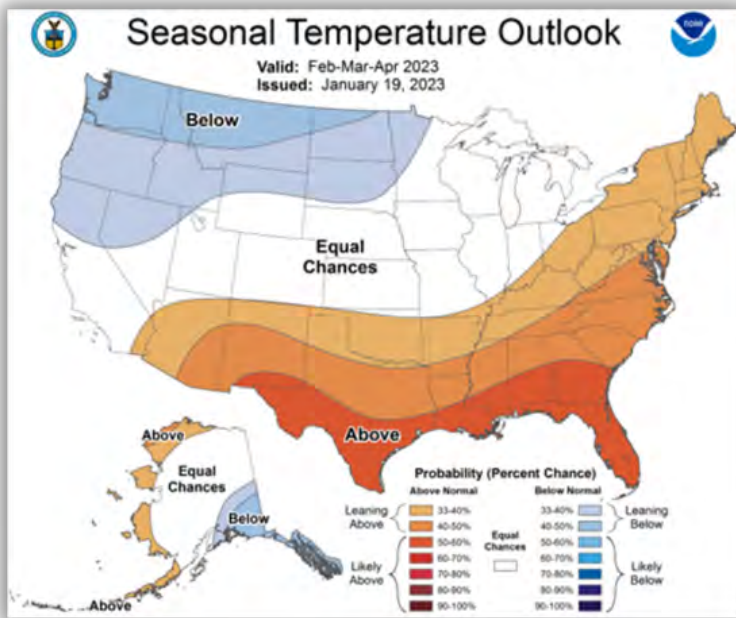


Figure 1. Winter-Spring 2022-23 temperature outlook

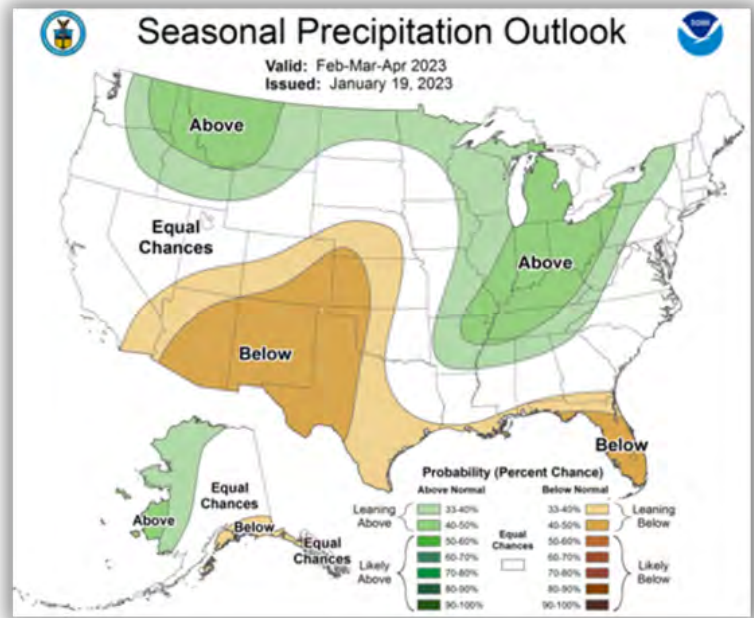


Figure 2. Winter-Spring 2022-23 precipitation outlook

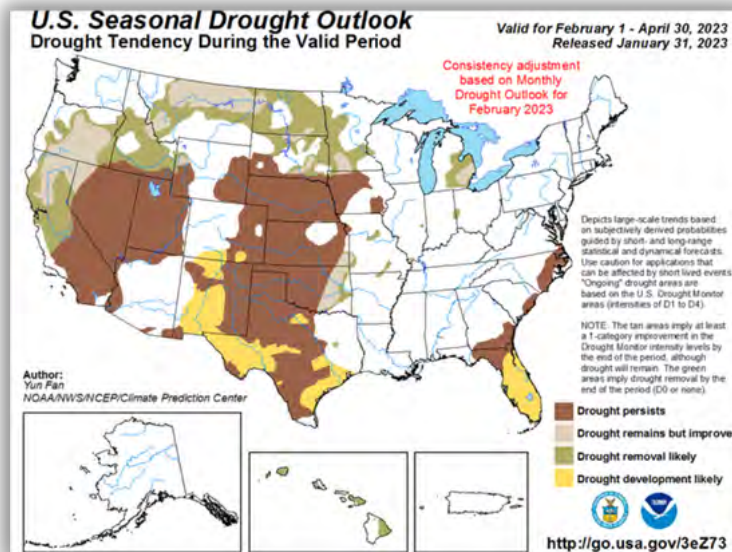


Figure 3. Winter-Spring 2022-23 drought outlook

PFD : Post-bloom Fruit Drop

BY CHRIS OSWALT



What are the environmental and physiological conditions that would favor disease development?

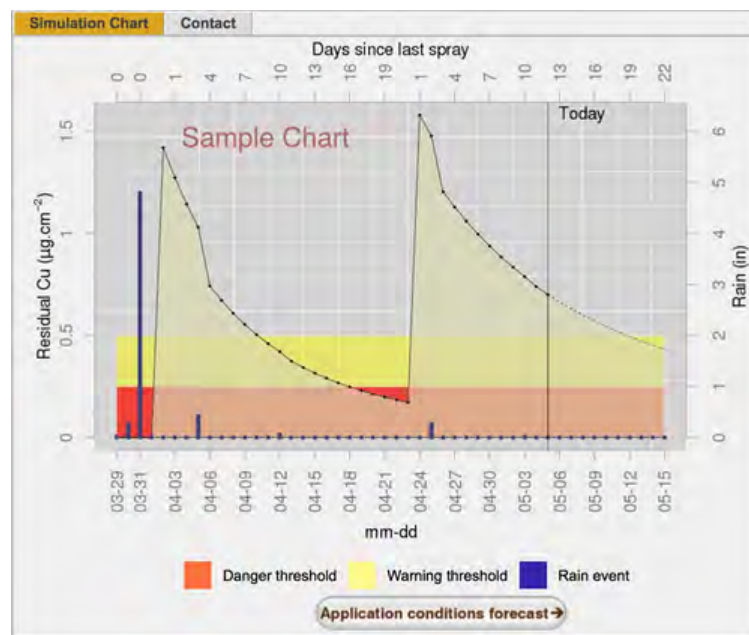
Favorable environmental conditions are humid subtropical climates. In addition, the disease needs rain-splash and wind-blown rain to infect additional flowers. Human activities that move flowers and infected petals on workers and equipment can add in dispersal of the disease. Multiple citrus blooms or extended bloom periods can also lead to increases in disease inoculum. Multiple and extended bloom has become more common with the increase in trees with HLB. Weather forecasts indicate that below chances for rainfall the balance of the winter going into spring. Control recommendations and application timing can be found in the 2022-23 Florida Citrus Production Guide's chapter on PFD (<https://edis.ifas.ufl.edu/publication/CG007>).

Citrus Copper Spray Schedule Model

BY CHRIS OSWALT

As we enter the spring flush season, citrus fungal diseases need to be controlled on fruit destined for the fresh fruit market. There is a model available on the Florida Automated Weather Network or FAWN that can help growers determine when it would be time to make a copper fungicide application. This model uses data from the FAWN weather stations to determine when copper residues drop below a protective residual level for citrus fruit.

One of the environmental parameters used in the model is rainfall. Rainfall data can be from one of the nearest FAWN weather stations or from a grower's rain gauge located in the grove. Additional information used in the model would be the variety of citrus and bloom date. Once this information has been entered, the grower would then enter the dates of copper applications, rate of copper in pounds per acre and spray volume in gallons per acre.



The copper spray scheduling model could be of great benefit to citrus growers this season due to the predicted El Niño wet winter. The model can be accessed from FAWN at the following website:

<http://fawn.ifas.ufl.edu/climate.php> under the new tools heading.

Considerations for the Effectiveness of Pesticides

BY AJIA PAOLILLO



Pesticide applications are widely used in citrus production in Florida. Pesticides include insecticides, herbicides, and fungicides. Pesticide materials and application costs represented approximately \$650/acre of the cultural production costs for processed oranges in Southwest Florida for the 2021-2022 season (Singerman, https://crec.ifas.ufl.edu/media/crecifasufledu/economics/2021_22-SW-Costs-20220620.pdf). As growers spend this amount or more on pesticide use, it is vital that the products perform well and are effective. There are many factors that could cause a pesticide application to be less than effective, and growers should consider these factors when preparing for a treatment.

The most important step in deciding on a pesticide, is to accurately identify the target pest(s) you are trying to control and choose the correct product. The label will list the pests controlled by the product and if it is registered for use on citrus. If you use a product that is not intended for management of a specific pest, you may be wasting money and product, and you will most likely not get the control you are trying to achieve. Continued use of the same pesticide or similar product with the same mode of action (MOA), can cause pest resistance. By rotating the use of different products with various MOAs, you can mitigate pest resistance and ensure that control measures will be effective.

The label also indicates the application rate of the product that should be used. Always remember that the label is the law and you must follow it accordingly. By using a rate that is less than the recommended amount, you are again wasting money and product, as the application will not be as effective. Applying reduced rates of pesticides may also lead to pest resistance. If you apply more product than recommended, you increase the potential for phytotoxicity, along with negative environmental and human health risks.

When applying pesticides, calibrate your equipment regularly and make sure it is in working order. A clogged or broken nozzle will not release the appropriate amount of product. Timing is important when making pesticide applications. Depending on the target pest, the life cycle and/or behavior will provide guidance for the most effective timing of the application. In many cases, if the timing is not at the pest's most vulnerable or most easily controlled stage, the treatment will not be as effective.

During the application, environmental conditions in the grove should be taken into consideration. Wind can create drift, causing spray droplets to move off target. This results in less product contacting the target pest and can possibly impact more sensitive species, crops, or locations. If applications are made just prior to a rain event, the product is more likely to be washed away making it less effective. High temperatures can cause damage to the tree or fruit through phytotoxicity. When planning spray applications, be sure the wind speed is very low if at all, no rain is in the immediate forecast, and choose a time of day with cooler temperatures.

Before applying pesticides that are part of a tank mix with other products, perform a jar test for compatibility. Ingredients in products vary by manufacturer, and it is important to do this test before applying a tank mix. Adding various products to the tank can affect the mixture's pH, cause active ingredients to come out of solution, or clog nozzles if the products do not dissolve in solution properly. Remember to add product in the correct order to avoid these issues. For more information on the proper tank mix order, please refer to [Tank-Mixing Pesticides Without Disasters](#), by Dr. Fred Fishel, UF/IFAS.

Some other factors that can lessen the efficacy of a pesticide is age and poor storage conditions. When storing pesticides, keep the products in a cool, dry area, away from direct sunlight. This will help to keep the product from degrading and protect the storage container. If the product is stored in bags or cardboard boxes, ensure they do not become wet and breakdown. After you purchase pesticides, write the purchase date on the container to keep track of how old a product is. Do not purchase large quantities of pesticides if you will not use them in a timely manner.

Fungal Citrus Diseases

BY LOURDES PÉREZ CORDERO

Watching for pests and diseases is mostly a daily practice for growers in Central Florida. However, identifying the symptoms of certain diseases can become a tricky task if one does not have a clear picture of what it looks like or what time of the year they occur. As we make our way into March and April, fungal diseases may begin to re-surface due to rain and more wet weather conditions. The following guide is meant to help you recognize the symptoms of these common diseases as early as possible. Keep in mind that scheduling and timing management from the beginning of the year is crucial for success. For further information on these diseases and their management please refer to the 2022-2023 Florida Citrus Production Guide

<https://edis.ifas.ufl.edu/publication/CG101> To obtain a copy, please contact your local extension office <https://citrusagents.ifas.ufl.edu/cirus-agent-locator/>



Figure 1: *Alternaria Brown Spot*
Photo Credit: Tonya Weeks, UF/IFAS CREC

Alternaria Brown Spot

Alternaria Brown Spot is a fungal disease that affects multiple varieties of citrus. It may cause excessive fruit and leaf drop. The spores are produced in the lesions of the infected leaves. According to the 2022-2023 Citrus Production Guide, fungicide applications should begin when the spring flush starts to expand.

Citrus Black Spot

Citrus Black Spot is a fungal disease that affect all citrus varieties across Florida. Sweet oranges and lemons are highly susceptible. Some of the most characteristics symptoms of this disease are hard spots, cracked spots, virulent spots and false melanose.



Figure 2: *Citrus Black Spot*
Photo Credit: Tonya Weeks, UF/IFAS CREC

Fungal Citrus Diseases, ctd.

BY LOURDES PÉREZ CORDERO

Citrus Scab

This fungal disease affects tangerines, tangelos and grapefruits. The scabs on fruits and leaves are the most characteristic symptom of this disease, therefore management is not necessary on fruits that will be processed for juice. However, it is recommended to avoid wetting the leaves to help reduce the incidence of the disease when the plants are most susceptible.



Figure 3: Citrus Scab on fruit
Photo Credit: Tonya Weeks, UF/IFAS CREC



Figure 4: Melanose on fruit
Photo Credit: Tonya Weeks, UF/IFAS CREC

Melanose

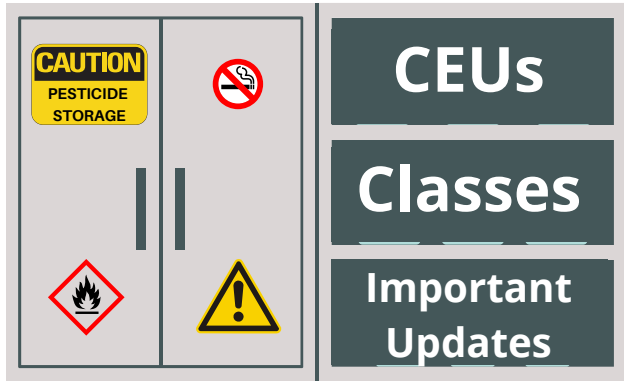
This fungal disease can affect all citrus varieties grown in Florida, but grapefruits are highly susceptible. According to the 2022-2023 Florida Citrus Production Guide, the asexual spores are produced in dead twigs. These can spread to available vegetative materials by rain splash. Therefore, monitoring trees for dead twigs is important to prevent this disease from becoming severely damaging.

Greasy Spot

The spores of the fungi that causes this disease is produced on dead leaves that accumulate on the grove floor. According to the 2022-2023 Florida Citrus Production Guide, when the spores germinate, they penetrate the leaves and fruit. The symptoms of this disease may take months to become visible.



Figure 5: Greasy Spot
Photo Credit: Tonya Weeks, UF/IFAS CREC



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.

How many CEUs do you need?

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

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

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

General Standards Core Exam Review Class

Date: Thursday February 16, 2023 **Time:** 8:30am-12:30pm
Location: UF/IFAS Extension DeSoto County
 2150 NE Roan St
 Arcadia, FL 34266
Cost: \$15/class
Instructor: Ajia Paolillo
Registration: <https://corereviewclass021623.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

Private and Ag Tree Exam Review Class

Date: Thursday February 23, 2023 **Time:** 8:30am-12:30pm
Location: UF/IFAS Extension DeSoto County
 2150 NE Roan St
 Arcadia, FL 34266
Cost: \$15/class
Instructor: Ajia Paolillo
Registration: https://private_agtreereviewclass022323.eventbrite.com

This class will review the required information for the Private and Ag Tree Crop exams to obtain restricted use pesticide licenses in Florida

4 CEUs available in:
Private or Ag Tree Crop
(Max of 4 CEUs)

General Standards Core Exam Review Class

Date: Thursday March 2, 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://COREreviewclass.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

Food Safety Event Calendar

Winter/Spring 2023

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Produce Safety
ALLIANCE

Produce Safety Alliance Grower Training

A one-day course for produce growers and packers who fall under FSMA's 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 FSMA's 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>

FSPCA
FOOD SAFETY PREVENTIVE CONTROLS ALLIANCE

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

This three-day course for those covered under FSMA's 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 sarahmccoy@ufl.edu
For general food safety questions, contact taylorlangford@ufl.edu



Are you interested in being a sponsor for this newsletter?

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Ajia Paolillo (863) 251-4763

ajiacunningham@ufl.edu

or

Lourdes Pérez Cordero (863) 402-6540

lperezcordero@ufl.edu

