

Citrus Notes



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 UF/IFAS Citrus
 Extension Agent
 for
 Polk &
 Hillsborough
 Counties

IMPORTANT DATES

**NOVEMBER 1, 8, 15, 22 & 29,
 2016**

**RIDGE CITRUS
 PRODUCTION SCHOOL**

NOVEMBER 3, 2016

**CITRUS EMPLOYEE SAFETY
 TRAINING & TRACTOR
 RODEO**

**OCTOBER 27, & NOVEMBER
 10, 2016**

WPS TRAIN THE TRAINER

DECEMBER 7, 2016

**INTERIM SUSTAINABLE
 SOLUTIONS FOR FRESH
 CITRUS PRODUCTION**

CONTACT INFO

POLK COUNTY EXTENSION SERVICE

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

HILLSBOROUGH COUNTY EXTENSION SERVICE

5339 County Road 579
 Seffner, FL 33584
 (813) 744-5519
 Ext. 541231

Florida Citrus

Planting Incentives Workshops

The folks over at Florida Citrus Mutual have scheduled a number of workshops to provide growers with additional information on current incentives to encourage the planting of additional citrus trees. These meetings are open to all citrus growers.

Topics to be presented at these meetings include The Florida Department of Agricultural and Consumer Services' "Grove Renovation and Abandoned Grove" programs. The United States Department of Agriculture, Farm Service Agency's "Tree Assistance Program" (TAP). The meeting in our area will be held on Tuesday, November 1, 2016, at the headquarters of Florida Citrus Mutual in Lakeland from 9:00 to 11:00 a.m. Mutual's headquarters is located at 411 E. Orange Street, Lakeland FL 33801

Ridge Citrus

Production School

The Production School will be held every Tuesday morning continuing through November 29, 2016. The sessions will be held at the UF/IFAS Citrus Research and Education Center, BHG Hall. General topic areas include: citrus pathology, handling and processing, economics, entomology, horticulture, varieties, rootstocks alternative crops and soil and water science. Specific and registration information is included in the program flyer attached at the end of this newsletter.

New Worker Protection Standard Train the Trainer Class

We have scheduled a WPS, Train the Trainer (TTT) class for the morning of Thursday, October 27, 2016. The program will begin at 8:30 a.m. at the Polk County Cooperative Extension Service Office at 1702 US Highway 17 South, Bartow, FL. It will be held in the Brenneman Auditorium here at the office. Registration information is included at the end of this newsletter.

We also have scheduled another WPS, TTT class for the afternoon of Thursday, November 10, 2016, beginning at 1:00 p.m. at the Florida Strawberry Growers' Association office located at 13138 Lewis Gallagher Rd, Dover, FL. A flyer with registration information is included with this newsletter.

Citrus Employee Safety Training & Tractor Rodeo

Our annual Citrus Employee Safety Training and Tractor Rodeo will be held on Thursday, November 3, 2016, at the Stuart Conference Center in Bartow. I have enclosed a program flyer and registration form. Please read up on the team tractor rodeo instructions, we made some changes this year.

UF | IFAS Extension
 UNIVERSITY of FLORIDA

*The Foundation for the Gator Nation
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INTERIM SUSTAINABLE SOLUTIONS

FOR FRESH CITRUS FRUIT PRODUCTION IN FLORIDA

Dr. Arnold Schumann and I have again teamed up to hold a citrus workshop at the UF Citrus Research and Education Center on Wednesday, December 7, 2016.

This workshop will showcase current work on undercover citrus production (CUPS) and whole tree thermotherapy (WTT) sustainable Florida citrus production systems

We will have registration and program information in next month's issue of Citrus Notes.

2016-17 Edition of the Winter Weather Watch

The 2016-17 edition of the Polk County Winter Weather Watch Program will begin on November 15, 2016. The program provides growers with winter weather forecast information specifically geared toward agricultural interests in West Central and Southwest Florida. The program provides subscribers with an unlisted phone number for (24 hour/7 days a week) access to daily weather forecasts. The zone forecasts are from the National Weather Service (NWS) and are listed on the automated phone menu, so you can select the products you are interested in. Forecasts include the zone forecasts, 6-10 and 8-14 day outlook forecasts. In addition to the forecasts, we have special weather narratives provided (by our retired NWS meteorologist, Fred Crosby) as needed in the event of freezing temperatures and a weekly outlook. When freezing temperatures are predicted in our area, additional updates will include the afternoon zone forecast and the modified sunset brunt minimum

temperature equation. If this is not enough, we will also provide the weekly citrus leaf freezing temperatures and the 2016-17 Winter Weather Watch Manual. You will also have access to weather data from seven Polk County Citrus Extension Weather Stations.

Subscriptions for the Winter Weather Watch Program are only \$100.00 for the entire 4 month period (Nov 15 to Mar 15). You can subscribe to the Winter Weather Watch by completing and returning the enclosed "subscription form".

Renewed Registration Issued for Products Containing Sulfoxaflor

Dow AgroSciences provided the following information on insecticides containing sulfoxaflor: On October 14, 2016, the U.S. Environmental Protection Agency (EPA) re-established the registration for products containing sulfoxaflor (Isoclast® Active); Transform® WG, Closer® SC and Sequoia® insecticides.

Dow AgroSciences is pleased to have registrations for these important brands re-established. This registration limits the crops available under previous product labeling, has a downwind buffer zone included and restricts tank-mixing with products containing certain active ingredients. This re-established registration will allow for post-bloom usage on potatoes, pome fruit, stone fruit, grapes and tree nuts. Season-long uses will be permitted on lettuce and wheat. Dow AgroSciences is working diligently to provide EPA the information it needs to authorize previously labeled uses in other important crops and have buffer zones and tank-mix restrictions removed in the future.

Previously issued FIFRA Section 18 Specific Emergency Exemptions remain in place for cotton and sorghum until they expire. Section 18 labeled products may continue to be utilized and sold according to those labels and should not be returned to Dow AgroSciences.

Note: citrus is not included in the list of renewed uses.



Worker Protection Standard

Worker Training Online

If you only need to train workers (and not handlers) for the new Worker Protection Standard (WPS) I have just learned of a website from Iowa State University that can provide this training on line at no cost. The program is EPA approved and documentation of training will be provided. The website is: <http://www.extension.iastate.edu/workerprotection/>.

Remember if you will need to train workers and handlers, then you will need to take the complete EPA approved WPS Train the Trainer course as offered in Bartow or Plant City.

NOAA's Official 2016-17

Winter Weather Outlook

Forecasters at NOAA's Climate Prediction Center issued the U.S. Winter Outlook today, saying that La Nina is expected to influence winter conditions this year. The Climate Prediction Center issued a La Nina watch this month, predicting the climate phenomenon is likely to develop in late fall or early winter. La Nina favors drier, warmer winters in the southern U.S. and wetter, cooler conditions in the northern U.S. If La Nina conditions materialize, forecasters say it should be weak and potentially short-lived.

"This climate outlook provides the most likely outcome for the upcoming winter season, but it also provides the public with a good reminder that winter is just up ahead and it's a good time to prepare for typical winter hazards, such as extreme cold and snowstorms," said Mike Halpert, deputy director, NOAA's Climate Prediction Center. "Regardless of the outlook, there is always some chance for extreme winter weather, so

prepare now for what might come later this winter."

Other factors that often play a role in the winter weather include the Arctic Oscillation, which influences the number of arctic air masses that penetrate into the South and create nor'easters on the East Coast, and the Madden-Julian Oscillation, which can affect the number of heavy rain events in the Pacific Northwest.

The 2016 U.S. Winter Outlook (December through February):

Precipitation

- Wetter than normal conditions are most likely in the northern Rockies, around the Great Lakes, in Hawaii and in western Alaska
- Drier than normal conditions are most likely across the entire southern U.S. and southern Alaska.

Temperature

- Warmer than normal conditions are most likely across the southern U.S., extending northward through the central Rockies, in Hawaii, in western and northern Alaska and in northern New England.
- Cooler conditions are most likely across the northern tier from Montana to western Michigan.
- The rest of the country falls into the "equal chance" category, meaning that there is not a strong enough climate signal in these areas to shift the odds, so they have an equal chance for above-, near-, or below-normal temperatures and/or precipitation.

The above information in its entirety can be found at the following NOAA website: <http://www.noaa.gov/media-release/us-winter-outlook-predicts-warmer-drier-south-and-cooler-wetter-north>

SYNGENTA SUMMER INTERN RECRUITING

Syngenta has kicked off their recruiting efforts for the 2017 Florida Intern Program.

Below is a list of intern qualifications; these are not meant to be exclusive, but rather to help narrow our search.

- Seeking future employment in agriculture
- Basic familiarity with production agriculture
- Basic familiarity with insect, disease, and weed control
- Basic computer skills
- Willingness to work outdoors, experience preferred
- Self-motivated, detail oriented, honesty, and personable
- Ability to relocate to or originally from one of the following counties; Polk, Highlands, Hardee, Desoto, Hendry, Collier, Lee, Okeechobee, Martin, Osceola, St. Lucie, or Indian River
- Sophomore or Junior level (Seniors will be considered)

Please have all interested candidates email their resumes directly to cody.hoffman@syngenta.com. The Syngenta sales team will be interviewing interested candidates now through December 2016, at which time they hope to have all candidate selections complete.

2016 Ridge Citrus Production School

UF/IFAS Citrus REC, BHG Hall, Lake Alfred, Florida

9:30 am – 1:00 pm

Register online at <https://ridgectrusproductionschool.eventbrite.com>

The Ridge Citrus School will be a series of educational seminars held at the UF/IFAS Citrus Research and Education Center (700 Experiment Station Road, Lake Alfred, Florida 33850). Each seminar will have speakers from throughout the state of Florida who will provide core concepts and research updates for the Florida citrus industry.

If you would like to register for all of the seminars, the cost will be \$40.00. To receive the reduced rate, you must register by October 12, 2016.

Each seminar will cost \$7.00 per participant. If you register for each seminar individually, the deadline to register is the Friday prior to the seminar day.

The registration fee will cover the costs of printed materials and refreshments. Lunch will be provided compliments of our sponsors.



PRESENTATIONS

October 18: Horticulture and Engineering

New Technologies in Citrus Disease Detection and Management, Reza Ehsani, UF/IFAS CREC
Corrective Pruning to Rehabilitate HLB Affected Trees, Tripti Vashisth, UF/IFAS CREC
Plant Physiology is Not an Abstract Concept, Christopher Vincent, UF/IFAS CREC

October 25: Plant Pathology

Foliar Fungal Diseases, Megan Dewdney, UF/IFAS CREC
Root Health in Florida Citrus Trees, Evan Johnson, UF/IFAS CREC
Postbloom Fruit Drop, Megan Dewdney, UF/IFAS CREC
Citrus Tristeza Virus and *Candidatus Liberibacter asiaticus* Infection Pathways, Amit Levy, UF/IFAS CREC

November 1: Entomology

Why When and How to Manage Asian Citrus Psyllid, Phil Stansly, UF/IFAS SWFREC
Management of Asian Citrus Psyllid for Organic and Conventional Citrus, Jawwad Qureshi, UF/IFAS IRECE
Using Nematodes and Other Tactics to Manage Root Weevils, Larry Duncan, UF/IFAS CREC
Citrus Leafminer Management Practices in Citrus, Lukasz Stelinski, UF/IFAS CREC
CHMA Performance, Implementation, and Effect on the Ridge, Brandon Page, UF/IFAS CREC

November 8: Handling and Processing

Improvement of Citrus Flavor Using a Flavoromics Platform, Yu Wang, UF/IFAS CREC
Food Safety Update – FSMA's Produce Safety Rule, Michelle Danyluk, UF/IFAS CREC
Effects of Preharvest Factors and Management Practices on Citrus Fruit Quality and the Development of Postharvest Decay and Disorders, Mark Ritenour, UF/IFAS IRECE

November 15: Varieties and Rootstocks

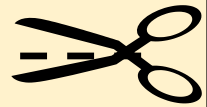
The Importance of Rootstocks for Citrus Production in Florida, Ute Albrecht, UF/IFAS SWFREC
Progress in Developing Rootstocks for the HLB World, Jude Grosser, UF/IFAS CREC
New Scion Varieties from the UF/IFAS CREC for Florida Citrus Production, Fred Gmitter, UF/IFAS CREC

November 22: Alternative Crops

Peach Production in Florida, Tripti Vashisth, UF/IFAS CREC
Considerations for Commercial Blueberry Production in Central Florida, Jeff Williamson, UF Gainesville
Challenges to Peach Production in Florida, Jose Chaparro, UF Gainesville
Economics of Alternative Crops, Ariel Singerman, UF/IFAS CREC

November 29: Citrus Economics

Economics of Citrus: Understanding CHMA Participation Decisions, Ariel Singerman, UF/IFAS CREC
Navigating Wage/Hour Rules with and without H-2A Workers, Fritz Roka, UF/IFAS CREC
Florida Citrus Industry 2016-17 Outlook, Marissa Zansler, FDOC, Gainesville
Development of Florida's Citrus Forecast, Candi Erick, USDA-NASS



REGISTRATION FORM

2016 Ridge Citrus Production School

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

Submit form to: Sarah McCoy, sarahmccoy@ufl.edu Phone: 863-956-8632 Fax: 863-956-8768

Register online at <https://ridgectrusproductionschool.eventbrite.com>

Participant Name: _____

Company Name: _____

Phone: _____ Email: _____

Please select the days attending.

- October 18: Horticulture and Engineering
- October 25: Plant Pathology
- November 1: Entomology
- November 8: Handling and Processing
- November 15: Varieties and Rootstocks
- November 22: Alternative Crops
- November 29: Citrus Economics

Please make checks payable to: UF

Registration fee is \$7.00 per seminar day.
Payment is due the Friday before each seminar day.

A one time fee for all seminars is \$40.00.

Must register by October 12, 2016.

OCT
27

REVISED WORKER PROTECTION STANDARD (WPS)

Revised WPS Train the Trainer Program 8:30 am - 12:00 noon

We will be holding a WPS "Train the Trainer" certification class on October 27, 2016 at the Polk County Extension Service Office. Registration is \$25 per participant and limited to 50 participants for this class. The registration fee covers printed materials and refreshments. The changes in the newly revised WPS will require that current WPS trainers be retrained to this new standard by year's end to continue training workers and handlers. Please register before October 25, 2016 by using the form below:

Name: _____

Company: _____

Address: _____

Email: _____

Phone: _____

Please make checks payable and send to:

Polk County Extension Citrus Advisory Committee
P.O. Box 9005, Drawer HS03
Bartow, Fl 33831

Attn: Gail Crawford

For additional information on the class or registration contact Gail Crawford at:

DOROTHYC@UFL.EDU OR 863-519-1042

NOV
10

REVISED WORKER PROTECTION STANDARD (WPS)

Revised WPS Train the Trainer Program 1:00 pm - 4:30 pm

We will be holding a WPS "Train the Trainer" certification class on November 10, 2016 at the Florida Strawberry Grower's Association. Registration is \$25 per participant and limited to 60 participants for this class. The registration fee covers printed materials and refreshments. The changes in the newly revised WPS will require that current WPS trainers be retrained to this new standard by year's end to continue training workers and handlers. Please register before November 8, 2016 by using the form below:

Name: _____

Company: _____

Address: _____

Email: _____

Phone: _____

Please make checks payable and send to:

Hillsborough County Vegetable Advisory Committee
5339 CR 579
Seffner, FL 33584

Attn: Alicia Whidden

For additional information on the class or registration contact Alicia Whidden at:

AWHIDDEN@UFL.EDU OR 813-744-5519 EXT 54134

Citrus Safety Training & Tractor Rodeo



Polk County Agricultural Center - Stuart Conference Center
1710 Highway 17/98 South, Bartow, Florida 33830

Thursday, November 3, 2016

Annual Citrus Employee Safety Training

Polk County Extension—UF/IFAS invites you and your employees to attend the 2016 Polk County Citrus Safety Training Program. This program is designed to help growers with regulatory compliance by providing annual safety training for their employees. Topics include proper safety measures in the grove and on the highway. Pre-registration is required. Please indicate if each participant would like to be in the English or Spanish sessions. Completed registration forms are due in the Extension Office no later than **Friday, October 28, 2016**.

Annual Tractor Rodeo Rules

To compete in the team competition, the completed pre-registration form must be received in the Extension Office by October 28, 2016.



This year, the team competition will be determined by the score and ranking of single individuals from a company. The highest company individual score and rankings from each competition will determine the team winners. All participants will also compete as individuals for the events they enter.

Tractor Rodeo Competitions

The **Sprayer Operator Competition** will test precession, safety awareness, and attention to detail required for safe pesticide applications using a tractor with a sprayer.

The **Herbicide Operator Competition** will test for the above mentioned skills on a tractor with a boom sprayer.

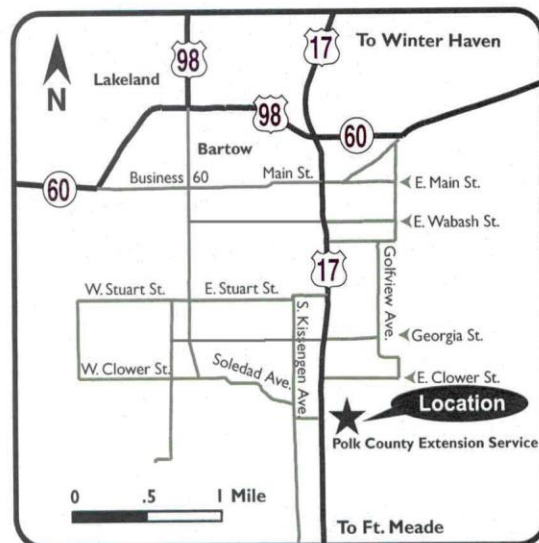
In the **Fertilizer Spread-Off**, operators will simulate fertilizer applications to resets scattered randomly through a grove. The operator will be provided with an all-terrain utility vehicle (ATV), bucket of simulated fertilizer, and cups to apply the fertilizer. Judging will be based on precision of the fertilizer application, time, and vehicle operation skills.

For more information about any competition, contact Chris Oswald at (863) 519-1052.



Agenda

- 7:30 Check-In
- 8:00 Welcome
- 8:05 Electrical and Powerline Safety
- 8:35 Road Safety
- 9:05 Break (Separate into English or Spanish Sessions)
- 9:15 Tractor Safety
- 9:50 Decontamination Procedures
- 10:00 Break
- 10:10 WPS Handler Training and Basic Pesticide Safety
- 11:00 Updated WPS Regulations
- 11:25 Break (*English and Spanish sessions reconvene*)
- 11:35 Jeopardy Review
- 12:00 Lunch

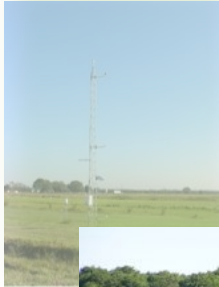


In accordance with the provisions of ADA, auxiliary aids and services will be provided upon request with a 3-day notice. Contact Gail Crawford at (863) 519-1042. This material is available in an alternate format upon request.

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2016 – 2017 WINTER WEATHER WATCH PROGRAM

NOVEMBER 15, 2016 TO MARCH 15, 2017
REGISTRATION FEE: \$100.00



It's once again time to register for the upcoming 2016 - 2017 Winter Weather Watch Program. Upon receiving your \$100.00 registration payment, you will be sent an unlisted telephone

number with which you can retrieve the latest **Ag Forecasts**, 24 hours a day. **Please do not give this number to others.** The *Winter Weather Watch Program* is funded by the registration fees to pay for telephone equipment rentals, long distance calls, repairs and our meteorologist.



2016 - 2017 Winter Weather Watch Program

NAME: _____ PHONE NUMBER: _____

COMPANY: _____

MAILING ADDRESS: _____

EMAIL ADDRESS: _____

CITY: _____ ZIP CODE: _____

REGISTRATION FEE \$100.00

PLEASE RETURN THIS REGISTRATION FORM AND YOUR CHECK PAYABLE TO:

**POLK COUNTY EXTENSION CITRUS ADVISORY COMMITTEE
PO BOX 9005, DRAWER HS03
BARTOW, FL 33831-9005**

FORECAST SCHEDULE

Forecast Product	Above 32	32°	Below 28
<i>Zone</i>	<i>Daily 8:30 a.m.</i>	<i>Daily 8:30 a.m.</i>	<i>Daily 8:30 a.m.</i>
<i>6-10 & 8-14 Day Outlooks</i>	<i>Mon/Wed/Fri 8:30 a.m.</i>	<i>Mon/Wed/Fri 8:30 a.m.</i>	<i>Mon/Wed/Fri 8:30 a.m.</i>
<i>Weekly Outlook</i>	<i>Friday 5:00 p.m.</i>	<i>Friday 5:00 p.m.</i>	<i>Friday 5:00 p.m.</i>
<i>Leaf Freezing Temperatures</i>	<i>Friday 5:00 p.m.</i>	<i>Friday 5:00 p.m.</i>	<i>Friday 5:00 p.m.</i>
<i>Special Weather Narratives</i>	<i>As Needed</i>	<i>Daily 4:00 p.m.</i>	<i>Daily 4:00 p.m.</i>
<i>Afternoon Zone</i>	<i>None</i>	<i>Daily 5:30 p.m.</i>	<i>Daily 5:30 p.m.</i>
<i>Sunset/Brunt</i>	<i>As Needed</i>	<i>As Needed</i>	<i>Daily 7:00 p.m.</i>