

Citrus Notes



Polk County Extension Service
 PO Box 9005, Drawer HS03 • Bartow, FL 33831-9005
 (863) 519-1052, email: wcoswalt@ufl.edu

Hillsborough County Extension Service
 5339 County Road 579 • Seffner, FL 33584-3334
 (813) 744-5519, Ext. 54131



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Dear Growers,

First off I need you to take notice that I have a new phone number in Polk and a new phone extension in Hillsborough County. The Polk County number is a direct line and I no longer have an extension. Also in Polk County the old number, 863-519-8677, will still work at the main switchboard, but the extension will not. Other highlights include an OJ Break this week in Bartow, next month the Annual Citrus Employee Safety Training and Tractor Rodeo Program and in December a Field Day at the UF/IFAS Citrus Research and Education Center. In October there is also the Farm Labor Supervisor Training here in Bartow and FFVA is holding a series of meetings on health care reform. Polk County again retains it's number 1 ranking in citrus acreage, citrus production and nursery tree production.

Enjoy,

Chris Oswalt
 Citrus Extension Agent
 Polk/Hillsborough Counties
 863-519-1052
 P.O. Box 9005, Drawer HS03
 Bartow, FL 33831-9005



Polk County October OJ Break

Our October Polk County OJ Break will be held at the Stuart Conference Center, 1710 US Hwy 17 S in

Bartow on Thursday, October 10, 2013 beginning at 10:00 a.m.

Our speakers for this OJ Break will be Dr. Jude Grosser, Dr. Fred Gmitter and Dr. Gene Albrigo from the UF/IFAS Citrus Research and Education Center (CREC). Drs. Grosser and Gmitter are members of the Citrus Plant Improvement Team at CREC. Dr. Grosser will be covering some of the new citrus plant material currently out in the field and Dr. Gmitter will be discussing the search for HLB escape trees. Last year citrus fruit drop was a major issue and concern throughout the state of Florida. I have asked Dr. Albrigo to discuss citrus fruit drop. We have received approval for 2 CEU's for your Restricted Use Pesticide license in the private applicator, ag tree crop and demo & research categories.

Our lunch sponsors for the OJ Break are Jay Skillman and Trey Whitehurst from Winfield in Plant City. We need to have you pre-register for the OJ Break so we can get a count for lunch. Please do so by contacting Gail Crawford at 863-519-1042 or by emailing her at: dorothy@ufl.edu by Monday, October 7, 2013.

Fall 2013 Farm Labor Supervisor Core Training Scheduled



Attached to this newsletter you will find information and registration links to the 2013 Fall Farm Labor Supervisor Core Training Program. This training is for supervisors of farm workers including field supervisors, labor contractors, crew leaders, growers, bus and van drivers, and office staff, including payroll and HR.

These sessions will be held in five locations in south and central Florida. This year we will be holding one of these trainings here in Bartow on Wednesday, October 23rd, at the Stuart Conference Center, 1710 US

Hwy 17 S. This will be the northern most training to be held this fall in Florida.



Health Care Reform: Preparing for 2014

The Florida Fruit and Vegetable Association (FFVA) will be holding a series of informational meetings on health care reform (specifically the Affordable Care Act). This event is open to any growers, but advanced registration is required to get an accurate count for meals. Membership in FFVA is not required for you to attend. The closest meetings to our area will be on October 29, 2013. The first is at noon at the Gulf Coast Research and Education Center in Balm and then in Lake Alfred (on the same day) at the UF/IFAS Citrus Research and Education Center beginning at 5:00 p.m.

You can register for the Balm location with the following link: <http://www.eventbrite.com/event/7072713677>

For the Lake Alfred Location use this link: <http://www.eventbrite.com/event/7072663527>

If you have any further questions you can contact FFVA directly at 321-214-5200.

2013 Citrus Employee Safety Training and Tractor Rodeo



Our Annual Citrus Employee Safety Training and Tractor

Rodeo is scheduled for Thursday, November 7, 2013. This year, in our pesticide safety training, we will be providing the required Globally Harmonized System of classifying pesticide labels and the new Safety Data Sheets (SDS). This new GHS requires that employees be trained in these new labels and SDS by December 1, 2013. All participants that complete the training will receive a certificate of completing the training. There will also be one "core" CEU offered for your restricted use pesticide license.

Attached you will find information about the program and the registration form for the safety training and tractor rodeo.



December OJ Break a CREC Rootstock Field Day

As in the past 2 years, we will again be holding a grower

field day with the UF/IFAS Citrus Research and Education Center in Lake Alfred. This year we will only be visiting Dr. Jude Grosser's, St. Helena rootstock trial near Waverly. We are planning on having a schedule of bus departures from the Center starting at 8:00 a.m. This way we can keep our groups smaller while providing you the opportunity to choose a time that best fits your travel schedule. Choosing your time is based on a first come, first served, basis and please register early to ensure you get the departure time you would like. In order to have a level playing field, registration will begin on **Friday, November 1, 2013**. Eventbrite, email and phone registrations will be prioritize based on time received. Enclosed is a flyer with additional registration information and field day details.

2013-14 Winter Weather Watch

The 2013-14 edition of the Polk County Winter Weather Watch will begin on November 15, 2013. This local winter weather program provides daily weather forecasts, 6 to 14 day outlooks, a weekly outlook by our Meteorologist Fred Crosby, along with special weather narratives by Fred on freeze nights and minimum temperature predictions using the modified Brunt equation. Your \$100 subscription will provide you phone access by an unlisted number to these forecast products, along with a copy of the 2013-14 Winter Weather Watch manual. The registration form is included at the end of this newsletter.



In addition, this year the Polk County Extension Citrus Advisory Committee has, at this time, five additional

weather stations located throughout Polk County providing realtime weather measurements from citrus production areas. These locations include: Lake Henry Rd. near Lake Henry, Alturas, Green Swamp, Prine near Haines City and Mountain Lake. The number of stations could expand during the next few months as suitable locations are found. The Advisory Committee is currently working on development of a secured website to provide access to this weather data. This service eventually will require an additional annual subscription, but access to the data will be available for the entire year not just during the winter. The annual access to this realtime weather data will also provide better resolution specifically of rainfall data that can be useful in determining irrigation scheduling and pesticidal spray applications. At this time, we are developing the system to store, retrieve and deliver this additional weather data. Until such time as we get this project completed (estimated to be December 2013), we will be allowing free access to this information through currently available website applications. **This winter season growers subscribing to the 2013-14 Winter Weather Watch will be able to have access to these additional weather stations for the entire winter season (Nov 15, 2013 to Mar 15, 2014) as part of your subscription.**

Citrus Tree Census and 2012-13 Production

The USDA's National Agricultural Statistics Service and the Florida Agricultural Statistical Service just recently released figures for Florida citrus acreage and boxes of citrus production. Polk County, in the 2012-13 season, produced 24,596,000 boxes of citrus. This total represents 15.8% of the 156,230,000 boxes of citrus produced in Florida in 2012-13. Hendry County was second in production with 20,751,000 boxes and Highlands third with 19,073,000 boxes. Polk and Hillsborough Counties combined for a total of 26,906,000 boxes produced or 17.2% of total Florida citrus production.

In 2013, Polk County again lead the state in total acres of citrus with 81,696 acres, a reduction of 876 from 2012. This is a 1% decrease from last year. In Hillsborough total acreage was 7,342, a decrease of 681 acres or 8.5% less than in 2012.

There were 132,547 acres of abandoned citrus in the state. Polk County had 8,846 abandoned acres and Hillsborough 3,664 acres. Polk County's abandoned acreage accounted for 6.7% and Hillsborough's was 2.7% of the state total. Looking at the figures within each county, the abandoned acreage in Polk County accounted for 9.7% of the county total. In Hillsborough the abandoned acreage represented 33.35% of the county total acreage (producing + abandoned acres).

2013 Annual Citrus Propagation Report

The Bureau of Citrus Budwood Registration also just released its 2012-13 annual report of citrus propagations in the state of Florida. Polk County lead the state in citrus propagations with 2,201,889 of the 4,700,728 total propagations made in Florida. Polk County produced 46.84% of the total statewide citrus propagations.

Top 10 rootstock rankings (by percent) were as follows:

| Rootstock | Percent |
|--------------------|----------------|
| <i>Swingle</i> | 27.6 |
| <i>Sour Orange</i> | 18.7 |
| <i>Kuharske</i> | 17.3 |
| <i>Carrizo</i> | 9.7 |
| <i>US-812</i> | 6.0 |
| <i>X-639</i> | 5.4 |
| <i>US-897</i> | 3.2 |
| <i>Cleopatra</i> | 3.0 |
| <i>US-802</i> | 2.8 |
| <i>Volkamer</i> | 2.2 |

The most popular rootstock used by citrus type were as follows:

| Citrus Type | #1 Rootstock |
|--------------------|---------------------|
| <i>Grapefruit</i> | <i>Sour Orange</i> |

| Citrus Type | #1 Rootstock |
|---------------------|---------------------|
| <i>Kumquat</i> | <i>Volkamer</i> |
| <i>Lemon</i> | <i>Sour Orange</i> |
| <i>Lime</i> | <i>Sour Orange</i> |
| <i>Mandarin</i> | <i>Sour Orange</i> |
| <i>Pummelo</i> | <i>Kinkoji</i> |
| <i>Sweet Orange</i> | <i>Swingle</i> |

Swingle citrumelo was the most popular rootstock for sweet oranges accounting for 31.4% of all sweet orange propagations. Second was Kuharske citrange at 20.6%, third was sour orange at 11.8% and fourth was Carrizo citrange at 10.5%.

The 10 most popular propagated citrus varieties and number of propagations were as follows:

| Variety | Propagation Numbers |
|----------------------------|----------------------------|
| <i>Hamlin</i> | 1,735,953 |
| <i>Valencia</i> | 1,712,441 |
| <i>Ray Ruby Grapefruit</i> | 188,904 |
| <i>Glen Navel</i> | 156,383 |
| <i>Midsweet</i> | 146,032 |
| <i>Ruby Red Grapefruit</i> | 104,714 |
| <i>Minneola Tangelo</i> | 67,116 |
| <i>Murcott</i> | 38,534 |
| <i>Orri Mandarin</i> | 34,970 |
| <i>Cara Cara Navel</i> | 32,162 |

2014 Syngenta Florida Internship Opportunities

Syngenta is again providing internship opportunities targeted to sophomore or junior level students although seniors level students will also be considered. These internships provide students an excellent opportunity to gain valuable field experience. Students will also have the opportunity to develop technical and professional skills as part of the program.

Currently the number and locations of internships available are in the following areas: 2 - east coast (Indian River, St Lucie or Martin Counties), 2 - southwest (Lee, Hendry or Collier Counties), 2 - west central (Highlands, Hardee or Desoto Counties) and 1 - central (Orange, Osceola, Polk or Highlands Counties).

If you know of any students interested in a Syngenta internship, please have them contact Cody Hoffman by email at: cody.hoffman@syngenta.com. Cody will be considering candidates from now to the end of January 2014.



Pesticide News & Information

Field Testing of GM Insects

Oxitec has applied to Spanish regulatory authorities for permission to carry out a netted field evaluation of its olive fly strain: a novel approach to controlling one of Europe's most damaging agricultural pests. If approved, the study would be the first outdoor trial of a GM insect in the EU. The olive fly (*Bactrocera oleae*) is the single major pest for olives, causing widespread crop damage and significant financial losses to Europe's olive farmers. It is extremely difficult to control using existing methods. John Vontas, Associate Professor of Biotechnology and Applied Biology, University of Crete, Greece, a leading international authority on insecticide resistance, explains the problem: "The control of olive fly has been largely based on the use of chemicals, but the intense use of insecticides has led to the development of insecticide resistance, which makes control problematic. In addition, the new European Union pesticides legislation means that a large number of efficient insecticides have been or are being phased out, or their use is dramatically restricted. Alternative control methods, such as

pheromones, traps and biological control have also been employed, but their effectiveness is much less."

Oxitec's olive fly strain carries a genetic modification. In Oxitec's pest control approach, the company's engineered males are released to mate with wild females, resulting in the death of all the female offspring. In earlier in-door caged trials Oxitec's approach was able to completely eliminate wild-type olive flies in less than two months.

Oxitec's approach ensures that only the olive fly is targeted. Leading the trial, Dr. Martha Koukidou of Oxitec explains, "Olive flies only mate with olive flies. Our approach is aimed not only at controlling the olive fly, but also to avoid harming other species. By using our form of genetic sterility our flies are designed to eliminate the pest and not to stay in the environment. Also, unlike any other control approach, ours contains a marker making monitoring of our flies very accurate and simple."

Oxitec's approach has already been successful in trials with mosquitoes. Dengue fever is a growing global threat and is transmitted by the bite of an infected mosquito (*Aedes aegypti*). A recent trial in Brazil carried out in an urban environment achieved a 96% suppression of this dengue mosquito. Oxitec has now applied to the Catalan regulatory authorities for permission to conduct a field evaluation of its olive fly strain, in accordance with EU regulations. Only when the national biosafety commission has evaluated the application following a period of public comment, and written permission has been received from the Catalan authorities, can any release take place.

Many olive farmers, such as Paul di Calabiana Willan, have also expressed their support for the Oxitec approach, "I am an olive farmer in Como, northern Italy. On the mountain terraces here, agriculture depends on the success of olive plantations, but in recent years the olive fly pest has wiped out several harvests. The main weapon against the olive fly is a chemical which has been banned in some countries. Nothing else is effective. In my view the use of GM insects to eradicate this pest is a necessary step towards achieving zero pesticide use." (PR Newswire, 9/4/13).

Fire Ant Fungicide

Finally something good from a fire ant. Studies by U.S. Department of Agriculture (USDA) scientists in Stoneville, MS, have shown that certain alkaloid compounds in the venom of fire ants termed piperidine and piperidines can hinder the growth of the crop pathogen *Pythium ultimum*. Fungicides, delayed planting, and crop rotation are among methods now used to control *P. ultimum*, which causes damping-off diseases that decay the seed or seedling of vegetable and horticultural crops. Despite such measures, damping-off remains a costly problem, and new approaches are needed, according to Jian Chen, an entomologist with USDA's Agricultural Research Service (ARS).

Chen is coinvestigating the potential application of fire ant venom to manage soilborne pathogens like *P. ultimum* in collaboration with ARS microbiologist Xixuan Jin, and Shezeng Li of the Institute of Plant Protection in Baoding, China. The studies, conducted at the ARS Biological Control of Pests Research Unit in Stoneville, used sophisticated extraction techniques to obtain purified amounts of piperidine and piperidine from the venom glands of both red and black imported fire ants, which are considered invasive pests and a dominant species on more than 320 million acres in the South as well as in other states and Puerto Rico.

In petri dish trials, the researchers exposed *P. ultimum*'s threadlike mycelium to various concentrations of the alkaloids and monitored the effect on the pathogen's colony size. Its spore-forming structures, sporangia, were similarly exposed include significant reductions in the growth and germination of the pathogen's mycelium. Both alkaloids performed equally well and retained their activity against *P. ultimum* for up to 12 weeks when stored at room temperature. Additionally, more than 90 percent of sporangia failed to germinate when exposed to the alkaloids. Synthetic versions of the alkaloids, called analogs, have also inhibited several cultured human fungal pathogens. (USDA ARS, 8/2/13).



2013 FARM LABOR SUPERVISOR CORE TRAINING PROGRAM

Training in four key areas:

8:00am-10:00am

WAGE & HOUR



1:00pm-3:00pm

WORKER SAFETY



10:00am-12:00pm

DISCRIMINATION AND HARASSMENT



3:00pm-5:00pm

SAFE DRIVING



WHO: Supervisors of farm workers including field supervisors, labor contractors, crew leaders, growers, bus and van drivers, office staff including payroll and HR.

LANGUAGE: English and Spanish, please state preference when registering

TIME: 8:00am to 5:00 pm

FEE: \$80.00 includes lunch.

Help protect your company from costly mistakes. !!!

Limit your potential liabilities that may result from unknowing non-compliance.

Show your buyers and employers you know the regulations.

REGISTRATION INFORMATION

Homestead Tuesday September 10, 2013 http://fls2013homestead.eventbrite.com

Belle Glade Tuesday September 24, 2013 http://fls2013belleglade.eventbrite.com

Arcadia Tuesday October 22, 2013 http://fls2013arcadia.eventbrite.com

Bartow Wednesday October 23, 2013 http://fls2013bartow.eventbrite.com

Immokalee Tuesday October 29, 2013 http://fls2013immokalee.eventbrite.com

For more information please contact: Julie Carson at: carsonj@ufl.edu or 239-658-3462

Participants will receive an Attendance Certificate.



2013

PROGRAMA DE ENTRENAMIENTO PARA SUPERVISORES DE TRABAJOS AGRICOLAS

CURSO DE FORMACIÓN EN CUATRO ÁREAS CLAVES:

8:00am-10:00am

HORAS Y SALARIOS 2 horas



1:00pm-3:00pm

SEGURIDAD 2 horas



10:00am-12:00pm

DISCRIMINACION 2 horas



3:00pm-5:00pm

MANEJANDO CON 2 horas

CUIDADO



PARA QUIEN: Supervisores de trabajadores del campo, contratistas, mayordomos, choferes de buses, dueños de granjas, empleados de oficinas.

IDIOMA: Ingles y Español. Por favor mencione cual prefiere cuando se registre.

HORA: 8:00am a 5:00 pm

PRECIO: \$ 80.00 incluye almuerzo.

Ayude a proteger a su compañía de errores costosos. !!!

Limite las posibles responsabilidades que pueden resultar de no saber los incumplimientos.

Muestre a sus compradores y empleados que Usted sabe de regulaciones.

INFORMACION DE REGISTRO

Homestead Martes 10 de Septiembre, 2013

http://fls2013homestead.eventbrite.com

Belle Glade Martes 24 de Septiembre, 2013

http://fls2013belleglade.eventbrite.com

Arcadia Martes 22 de Octubre, 2013

http://fls2013arcadia.eventbrite.com

Bartow Miercoles 23 de Octubre, 2013

http://fls2013bartow.eventbrite.com

Immokalee Martes 29 de Octubre, 2013

http://fls2013immokalee.eventbrite.com

Para mas informacion por favor contactese con: Julie Carson al: carsonj@ufl.edu o 239-658-3462

Participantes recibirán un Certificado de Asistencia.

Citrus Safety Training & Tractor Rodeo



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

Thursday, November 7, 2013

Annual Citrus Employee Safety Training

Polk County Extension—UF/IFAS invites you and your employees to attend the 2013 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, November 1, 2013**.

Annual Tractor Rodeo Rules

In order to compete in the team competition, the completed pre-registration form must be received in the Extension Office by November 1, 2013.

This year's tractor rodeo will feature three separate competitions. Your employees can compete in the Sprayer Operator Competition, Herbicide Operator Competition and the Fertilizer Spread-Off Competition. Participants are allowed to participate as a team member or as an individual, but teams must be pre-registered to compete.



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.



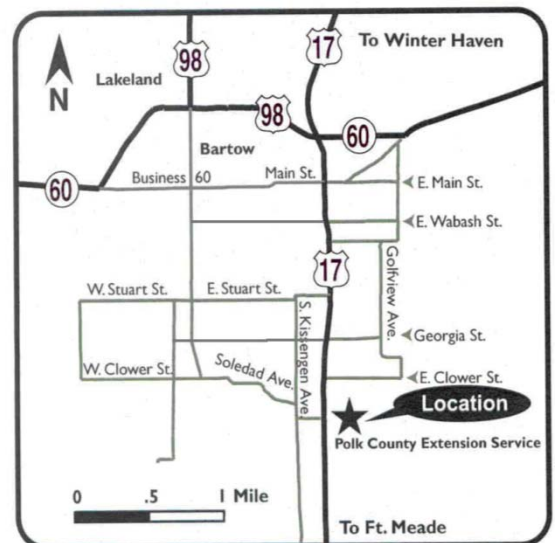
Agenda

- 8:00 Welcome
- 8:15 Agricultural Crimes (Polk County Sheriff's Office)
- 8:45 Grove Equipment Road Safety (Department of Highway Safety)
- 9:15 First Aid (Polk County Fire Rescue)

- 9:45 Break (*Separate into English or Spanish* Sessions*)

- 10:10 WPS and SDS Training (Chris Oswald)
- 11:00 Tractor Safety (Steve Futch)
- 11:30 Decontamination and Disease ID (Jamie Burrow)
- 12:00 Lunch

**Spanish Translator: Pedro Gonzalez*



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.

The Institute of Food and Agricultural Sciences is an Equal Employment authorized to provide research, educational informational and other services only to individuals and institutions that function without regard to race, color, sex, age, handicap, or national origin.

Citrus Worker Safety Training Program Registration

This registration and a fee of \$15 per person, which includes lunch, are due by Friday, November 1, 2013.

| Safety Training Program (Please print participants names) | English | Spanish |
|--|----------------|----------------|
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |
| 9. | | |
| 10. | | |

| Tractor Rodeo Team (Participants must be registered in the safety training program) | |
|--|----|
| Herbicide Operator | 1. |
| Herbicide Operator | 2. |
| Fertilizer Spread-Off | 1. |
| Fertilizer Spread-Off | 2. |
| Sprayer Operator | 1. |
| Sprayer Operator | 2. |

| Individual Participants (Participants must be registered in the safety training program) | |
|---|--|
| Herbicide Operator | |
| Herbicide Operator | |
| Fertilizer Spread-Off | |
| Fertilizer Spread-Off | |
| Sprayer Operator | |
| Sprayer Operator | |

Contact Name: _____ Phone Number: _____

Company Name and Address: _____

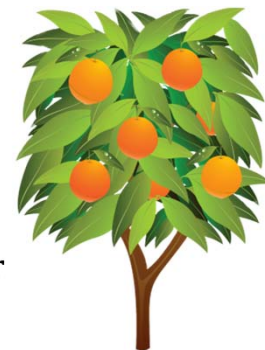
Please detach and mail this form with your check made payable to: *Polk County Citrus Advisory Committee*

Gail Crawford, Polk County Extension
PO Box 9005, Drawer HS03, Bartow, Florida 33831-9005



Rootstock Field Day

December 12, 2013



University of Florida, IFAS, Citrus Research and Education Center
700 Experiment Station Road, Lake Alfred, Florida

SCHEDULE

| <u>GROUP</u> | <u>DEPART CREC</u> | <u>ARRIVE AT GROVE</u> | <u>DEPART GROVE</u> | <u>ARRIVE AT CREC</u> |
|--------------|--------------------|------------------------|---------------------|-----------------------|
| 1 | 8:00 am | 8:30 am | 9:30 am | 10:00 am |
| 2 | 9:00 am | 9:30 am | 10:30 am | 11:00 am |
| 3 | 10:00 am | 10:30 am | 11:30 am | 12:00 am |

*Registration and light refreshments will be between 7:30 am and 11:30 am

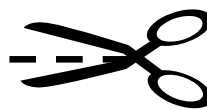
*Groups will be limited to 50 participants each

**Registration will open
November 1st. Early
registration will not be
accepted.**

Four Ways to Register

1. Online at www.eventbrite.com
2. Fax the registration form below to 863-956-4631
3. Call Anne Burrage at 863-956-8643
4. Email completed registration form to Anne Burrage at aburrage@ufl.edu with you

**Pre-Registration is
required by December 5th**



UF | IFAS Extension
UNIVERSITY of FLORIDA

REGISTRATION FORM

Rootstock Field Day
December 12, 2013

Anne Burrage, amburr@ufl.edu Phone: 863-956-8643 Fax: 863-956-4631

Participant Name: _____

Phone: _____ Fax: _____

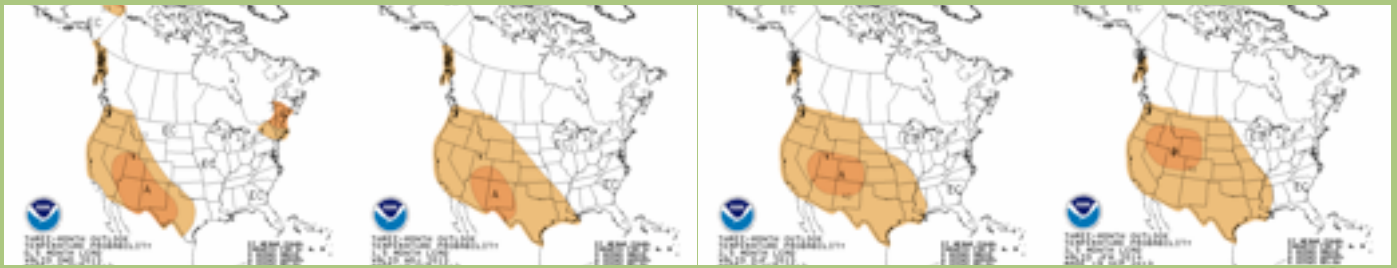
Email: _____

**Please rank your
group preference
by first, second, and
third.**

| | |
|--|----------|
| | 8:00 am |
| | 9:00 am |
| | 10:00 am |

**Pre-registration required by
Thursday, December 5, 2013.
Registration will be confirmed with group
departure time via email.**

Winter Weather Watch



Polk County Cooperative Extension Service
Phone: 863-519-1052
Email: wcoswalt@ufl.edu



UF/IFAS Polk County Cooperative Extension Service

The 2013-14 version of the Winter Weather Watch begins on November 15, 2013.



The 2013-14 edition of the Polk County Winter Weather Watch program will begin on November 15, 2013. 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 provided include the zone forecasts, 6-10 and 8-14 day outlook forecasts. In addition to the forecasts we have special weather narratives (from meteorologist Fred Crosby) provided as needed in the event of freezing temperatures and his 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. We will again be providing the weekly citrus leaf freezing temperatures on the FAWN website and you will get a copy of the 2013-14 Winter Weather Watch manual.

This year the Polk County Extension Citrus Advisory Committee has installed additional weather stations in Polk County, along with developing a fee based website for this information. As a bonus of your Winter Weather Watch Subscription, you will have continued free access to this additional information until March 15, 2014.

Subscriptions for the Winter Weather Watch program are only \$100.00 for the entire 4 month period (Nov 15th to Mar 15th). The cost is about the same as one tank of gas for your pickup truck. You can subscribe to the Winter Weather Watch by completing and returning the enclosed "subscription form".



Forecast Schedule

The following schedule lists the products available from the Winter Weather Watch. The times and specific

days of the week and the forecasted minimum temperature dictate when these forecasts products will be updated. Our Winter Weather Watch area includes the following areas by county: Pasco, Hillsborough, Polk, Highlands, Hardee, Manatee, Sarasota, DeSoto, Charlotte, Lee, Glades, Hendry and Inland Collier Counties.

FORECAST SCHEDULE

| Forecast Product | Above 32 ° F | 32°-29°F | 28° F or Below |
|-------------------------------------|--|--|--|
| <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>Available on Friday on the FAWN website</i> | <i>Available on Friday on the FAWN website</i> | <i>Available on Friday on the FAWN website</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> |

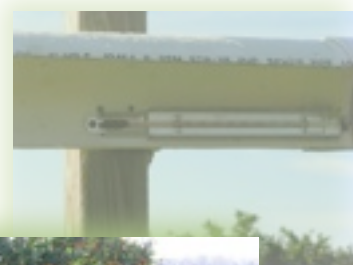
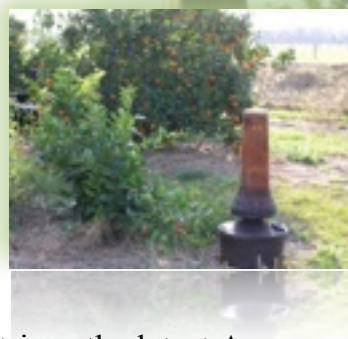
2013 – 2014 WINTER WEATHER WATCH PROGRAM

NOVEMBER 15, 2013 TO MARCH 15, 2014
REGISTRATION FEE: \$100.00



It's once again time to register for the upcoming 2013 - 2014 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 that pay for the telephone service, long distance calls, repairs, additional weather stations and our meteorologist.



2013 – 2014 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 CITRUS ADVISORY COMMITTEE
PO BOX 9005, DRAWER HS03
BARTOW, FL 33831-9005**