

# Citrus Notes



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

## IMPORTANT DATES

**OCTOBER 8, 2019**  
**OJ BREAK & CITRUS NUTRITION BOX**  
Lake Alfred, FL

**OCTOBER 29, 2019**  
**CITRUS NUTRITION MANAGEMENT PROGRAM**  
Immokalee, FL

**NOVEMBER 7, 2019**  
**ANNUAL CITRUS EMPLOYEE SAFETY TRAINING & TRACTOR RODEO**  
Bartow, FL

## CONTACT INFO

### POLK COUNTY EXTENSION SERVICE

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

### HILLSBOROUGH COUNTY EXTENSION SERVICE

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

October 2019

## OJ Break - Citrus Nutrition Box



This month we will be holding our October 2019 OJ Break at the UF/IFAS Citrus Research and Education

Center in Lake Alfred. I have attached a flyer with all the details of the program. We have approval for CEU's for your Restricted Use Pesticide license (Private, Ag Tree, Demonstration and Research and Regulatory Inspection and Sampling) and CCA (1 - Nutrient Management and 1 - Pest Management). At the OJ break, we will be providing growers with a citrus nutrition box. In this box, there will be information that will allow growers to fine-tune their citrus nutrition program. To do this, we have included vouchers for free soil and leaf analysis for one year. In addition, to the CEU's, and nutrition box, we will also have lunch sponsored by Chemical Dynamics and Justin Cain. Please register for the meeting no later than Friday, October 4, 2019.

Registration information is included in the attached program flyer or use the following link to Eventbrite <http://nutritionprogramcrec.eventbrite.com>

For those citrus growers closer to Immokalee, a similar citrus nutrition management program will be at the UF/IFAS Southwest Florida Research and Education Center. The date of this program will be Tuesday, October 29, 2019. There is a second program flyer for the Immokalee location included in the

newsletter. Just make sure you sign up for the right program location.

### 2019 Annual Citrus Employee



## Safety Training & Tractor Rodeo

On Thursday, November 7, 2019, we will be holding our Annual Citrus Employee Safety Training and Tractor Rodeo Program. As in the past, we will have classroom instruction in both English and Spanish during the morning session, along with CEU's for your restricted use pesticide license. After lunch, we will be holding our annual tractor rodeo with trophies presented to our best equipment operators and the companies they represent.

Program information and the registration form is an attachment to this newsletter. Plan today to send your employees to this annual citrus safety training program.

**UF | IFAS Extension**  
UNIVERSITY of FLORIDA

*The Foundation for the Gator Nation*

*An Equal Opportunity Institution*

## CITRUS RESEARCH & FIELD TRIAL OR CRAFT

The CRAFT Foundation is now accepting applications for program participation. To apply, you must do this through an online form. The program worksheet and online application forms are at <https://craftfdn.org>. In the program worksheet information, it indicates that the program provides that participants (growers) will be paid participation fees following the grower participant's contract requirements.

*The deadline to apply for this program will be before midnight of October 15, 2019.*



### EPA Takes Action to Provide

#### Accurate Risk Information

EPA Takes Action to Provide Accurate Risk Information to Consumers, Stop False Labeling on Products.

EPA is issuing guidance to registrants of glyphosate to ensure clarity on labeling of the chemical on their products. EPA will no longer approve product labels claiming glyphosate is known to cause cancer – a false claim that does not meet the labeling requirements of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The State of California's much criticized Proposition 65 has led to misleading labeling requirements for products, like glyphosate, because it misinforms the public about the risks they are facing. This action will ensure consumers have correct information and is based on EPA's comprehensive evaluation of glyphosate. "It is irresponsible to require labels on products that are inaccurate when EPA knows the product does not pose a cancer risk. We will not allow California's flawed program to dictate federal policy," said EPA Administrator Andrew Wheeler. "It is critical that federal regulatory agencies like EPA relay to consumers accurate, scientific based information about risks that pesticides may pose to them. EPA's notification to glyphosate registrants is an important step to ensuring the information shared with the public on a federal pesticide label is correct and not misleading." In April, EPA took the next step in the review process for glyphosate. EPA found – as it has before – that glyphosate is not a carcinogen, and there are no risks to public health when glyphosate is used in accordance with its current label. These scientific findings are consistent with the conclusions of science reviews by many other countries and other federal agencies. On Feb. 26, 2018, the United States District Court for the Eastern District of California issued a preliminary injunction stopping California from enforcing

the state warning requirements involving glyphosate's carcinogenicity, in part on the basis that the required warning statement is false or misleading. The preliminary injunction has not been appealed and remains in place. California's listing of glyphosate as a substance under Proposition 65 is based on the International Agency on the Research for Cancer (IARC) classifying it as "probably carcinogenic to humans." EPA's independent evaluation of available scientific data included a more extensive and relevant dataset than IARC considered during its evaluation of glyphosate, from which the agency concluded that glyphosate is "not likely to be carcinogenic to humans." EPA's cancer classification is consistent with many other international expert panels and regulatory authorities. Registrants with glyphosate products currently bearing Proposition 65 warning language should submit draft amended labeling that removes this language within 90 days of the date of the letter. (EPA letter, 8/9/19)

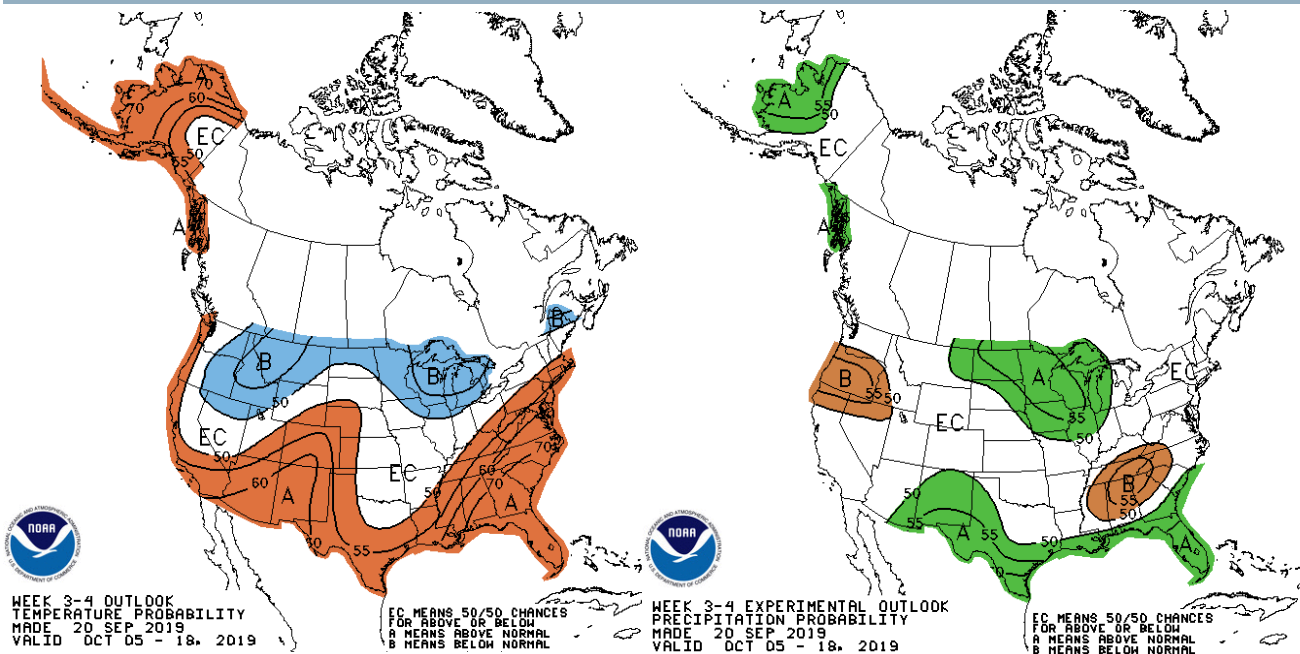
### Need

#### Core CEU's?

Occasionally I'll get a request from growers needing CEU's for their restricted use pesticide license (RUP). All licenses require that you complete CEU's for the CORE material and CEU's for either commercial or private applicator material. One easy way to get core CEU's is to read the pesticide articles contained in Citrus Industry Magazine. Read the article, answer the questions at the end, then submit your answers to the individual listed at the end of the material. You will receive your CEU's, provided that you answer the questions correctly at the end of the article. The following web address is where you will find these CEU articles <http://citrusindustry.net/ceu/>.

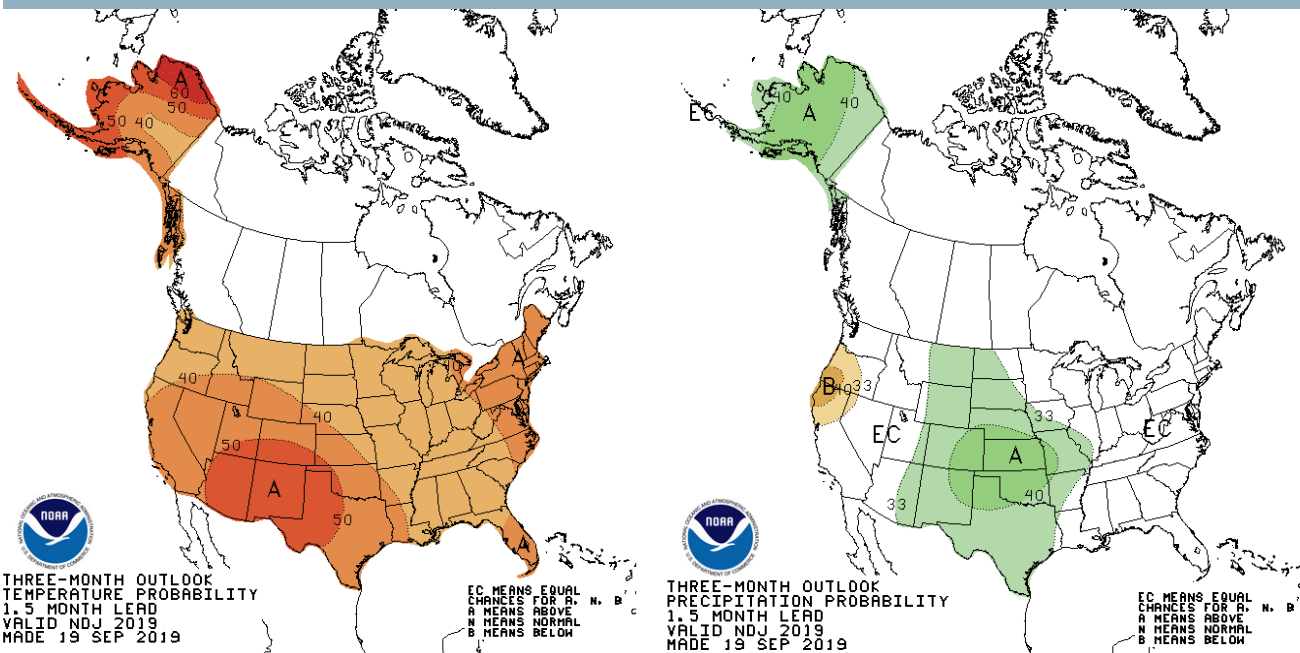
# WEATHER OUTLOOK

## MONTHLY OUTLOOK FOR OCTOBER 2019 - TEMPERATURE AND PRECIPITATION



# WEATHER OUTLOOK

## MONTHLY OUTLOOK FOR NOV/DEC/JAN 2019-20 - TEMPERATURE AND PRECIPITATION



### 2019-20 Winter Weather Watch

As October approaches, we are just one month away from the beginning of the 2019-20 Winter Weather Watch program.

The winter weather watch program begins on November 15, 2019, and will conclude on March 15, 2020, or little later if cold weather is threatening. Attached to this newsletter, I've included information about the program, along

with the registration form if you wish to participate in this year's program.

Just as a reminder this year we're looking at neutral ENSO conditions. In the past, under these conditions, we typically get our most devastating freezes.

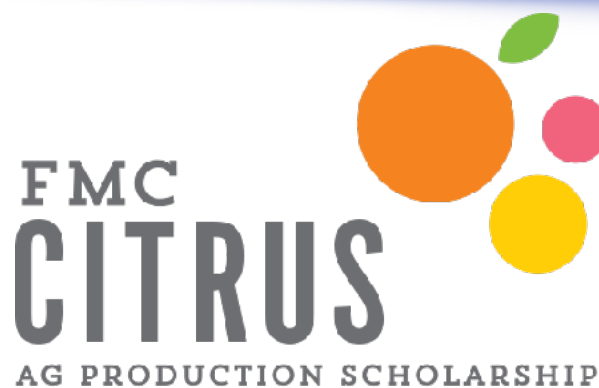
## FMC CORPORATION & AGNET MEDIA

**FMC, IN COLLABORATION WITH AGNET MEDIA, IS NOW OFFERING THE FMC CITRUS AG PRODUCTION SCHOLARSHIP (FMC CAPS) PROGRAM.**

The first of its kind, the program awards five generous \$5,000 scholarships to eligible students at the University of Florida and Florida Southern College. The program is now accepting applicants.

FMC CAPS is designed to support Florida citrus production and to support young adults who are pursuing careers in citrus. Eligible students can apply online with a video essay application that addresses a series of industry-specific questions.

Application deadline is December 1, 2019. Visit [citrusindustry.net/caps](http://citrusindustry.net/caps) to learn more and apply.



### Syngenta Citrus

## Internships - Summer 2020

### Company Overview

Syngenta is a leading agriculture company helping to improve global food security by enabling millions of farmers to make better use of available resources. Through world class science and innovative crop solutions, our 28,000 people in over 90 countries are working to transform how crops are grown. We are committed to rescuing land from degradation, enhancing biodiversity and revitalizing rural communities. There's never been a more important time to join Syngenta.

### Program Overview

When you are an intern with Syngenta, you will gain hands-on experience in your chosen field of study. This is a paid internship that also provides a vehicle for work use. You will be assigned to a mentor and a territory for your summer project. You will gain

experience with territory management, along with pest and disease identification. The internship presents opportunities to gain sales and marketing experience, exposure to the citrus industry, as well as, opportunities within Syngenta Crop Protection.

### Intern Focus

- Pest scouting support
  - MinectoPro, Voliam Flexi, & Agri-Flex (miticide/insecticide)
- Soil sampling support
  - Ridomil & Orondis (fungicide)

### Qualifications

Seeking future employment in the Florida Agriculture Industry.

Basic familiarity with production agriculture.

- Basic familiarity with pest, disease, and weed control.
- Basic computer skills.
- Willingness to work outdoors.
- Self motivated, detail oriented, honest, 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).
- Satisfactory results of a pre-employment background check, drug test, and driving record evaluation.

### To Apply Contact

Zach Langford  
Florida Citrus Internship Coordinator  
Syngenta Retail Representative  
407-212-5631  
[zach.langford@syngenta.com](mailto:zach.langford@syngenta.com)



## UF/IFAS Extension Polk County

# OJ BREAK

## OCTOBER 8, 2019

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

### DESCRIPTION

The OJ break will consist of two different concepts:

- **Dynamics of CLAs and Viruses in Citrus Plants and Arthropods and**
- **the Citrus Nutrition Management Program - Thinking Inside the Box.**

UF/IFAS is offering growers **FREE soil and leaf testing kits** to help growers customize their fertilization programs.

Florida citrus growers are invited to come and get their nutrition box and learn how the citrus nutrition program will work. In addition, learn about the most recent citrus nutrition research from the UF/IFAS experts.

### AGENDA

9:30 a.m. **Registration**

10:00 a.m. **Dynamics of CLAs and Viruses in Citrus Plants and Arthropods**  
*Dr. Amit Levy, UF/IFAS CREC*

10:50 a.m. **Use of Soil Applied Micronutrient and CRF for HLB-affected Sweet Orange**  
*Dr. Tripti Vashisth, UF/IFAS CREC*

11:20 a.m. **Citrus Nutrition Management Program Details**  
*Dr. Tripti Vashisth*

11:35 a.m. **Nutrition Box Checkout**

12:05 p.m. **Lunch**  
*sponsored by Justin Cain, Chemical Dynamics*

**REGISTRATION REQUIRED: [nutritionprogramcrec.eventbrite.com](http://nutritionprogramcrec.eventbrite.com)**

**More information contact: Gail Crawford • [dorothy@c@ufl.edu](mailto:dorothy@c@ufl.edu) • 863-519-1042**

# CITRUS NUTRITION

## Management Program

**OCTOBER 29, 2019**

UF/IFAS Southwest Florida Research and Education Center (UF/IFAS SWFREC)  
2685 State Road 29 North, Immokalee, FL

### DESCRIPTION

Providing the right nutrient management program for your grove is one of the best ways to fight the impacts of citrus greening.

UF/IFAS is offering **FREE soil and leaf testing kits** to help growers customize their fertilization programs.

Florida citrus growers are invited to come and get their nutrition box and learn how the citrus nutrition program will work. In addition, learn about the most recent citrus nutrition research from the UF/IFAS experts.

### AGENDA

- 9:30 a.m. **Registration**
- 10:00 a.m. **Effect of soil pH and Soil Application of Calcium, Magnesium and Micronutrients on Citrus Health**  
*Dr. Kelly Morgan, UF/IFAS SWFREC*
- 10:30 a.m. **Use of Soil Applied Micronutrient and CRF for HLB-affected Sweet Orange**  
*Dr. Tripti Vashisth, UF/IFAS CREC*
- 11:00 a.m. **Managing Macro and Micronutrients for Sustaining Citrus Productivity in the HLB-Era**  
*Dr. Davie Kadyampakeni, UF/IFAS CREC*
- 11:30 a.m. **Citrus Nutrition Management Program Details**  
*Dr. Tripti Vashisth, UF/IFAS CREC*
- 11:45 a.m. **Nutrition Box Checkout**
- 12:15 p.m. **Lunch**  
*Sponsored by ICL Specialty Fertilizers, Ward Gunter*

**REGISTRATION REQUIRED: [nutritionprogramswfrec.eventbrite.com](http://nutritionprogramswfrec.eventbrite.com)**

More information contact: Mongi Zekri • [maz@ufl.edu](mailto:maz@ufl.edu) • 863-674-4092



# CITRUS SAFETY TRAINING

# AND TRACTOR RODEO

**Nov. 7,  
2019**

### TOPICS WILL INCLUDE

- Ag Crimes
- First Aid
- Highway Safety
- Tractor and Equipment Safety
- WPS Handler Training
- Basic Pesticide Safety Training
- Decontamination Procedures



## ANNUAL CITRUS EMPLOYEE SAFETY TRAINING

UF/IFAS Extension Polk County invites you and your employees to attend the 2019 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. Completed registration forms are due in the Extension Office no later than Friday, November 1, 2019.**

**ENGLISH AND SPANISH  
SESSIONS AVAILABLE!**

**Registration begins at 7:30 a.m.**

**Program begins at 8:00 a.m.**

### TRACTOR RODEO COMPETITIONS

The **Sprayer Operator Competition** will test precision, 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 Oswalt at **(863) 519-1052**.

**UF/IFAS Extension Polk County Agricultural Center  
Stuart Conference Center  
1710 Highway 17-98 South, Bartow, FL 33830**

# CITRUS WORKER SAFETY TRAINING PROGRAM REGISTRATION

*This registration and a fee of \$15 per person, which includes lunch, are due by Friday, November 1, 2019.*

<b>SAFETY TRAINING PROGRAM</b> (PLEASE PRINT PARTICIPANT'S NAMES)	<b>ENGLISH</b>	<b>SPANISH</b>
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

## TRACTOR RODEO COMPETITION REGISTRATION

### ANNUAL TRACTOR RODEO RULES

To compete in the team competition, the completed pre-registration form must be received in the Extension Office by October 26, 2018. 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.

<b>NAME</b> Please list multiple teams in groups of 3 individuals below	<b>SPRAYER OPERATOR</b>	<b>HERBICIDE OPERATOR</b>	<b>FERTILIZER SPREAD-OFF</b>

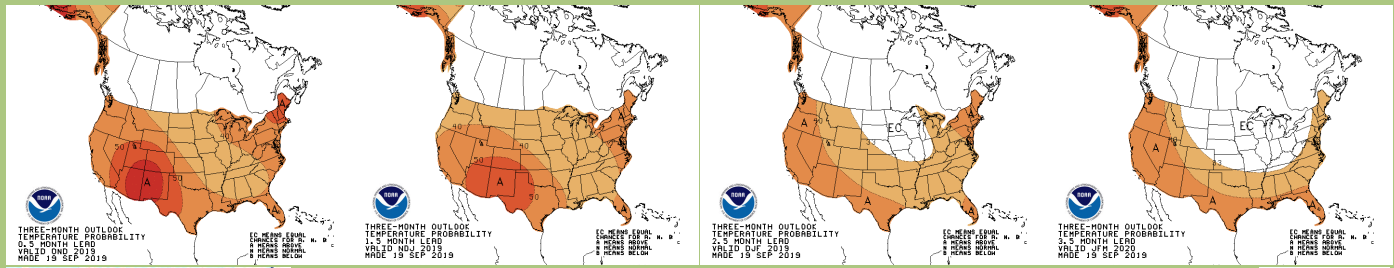
**Contact Name:** \_\_\_\_\_ **Phone Number:** \_\_\_\_\_

**Company Name and Address:** \_\_\_\_\_

Please mail this form with your check made payable to: Polk County Citrus Advisory Committee  
 Gail Crawford, UF/IFAS Extension Polk County  
 PO Box 9005, Drawer HS03, Bartow, Florida 33831-9005



# Winter Weather Watch



Polk County Cooperative Extension Service  
 Phone: 863-519-1052  
 Email: [wcoswalt@ufl.edu](mailto:wcoswalt@ufl.edu)



## UF/IFAS Polk County Cooperative Extension Service

The 2019 - 20 version of the Winter Weather Watch will begin on November 15, 2019. Time is short so send in your subscription form to receive timely agricultural winter weather forecasts and information.



The 2019-20 edition of the Polk County Winter Weather Watch program will begin on November 15, 2019. 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 as needed in the event of freezing temperatures and a weekly outlook provided by our own meteorologist Fred Crosby. 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 2019-20 Winter Weather Watch manual. You will also have access to weather data from five 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). 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 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.

# FORECAST SCHEDULE

Forecast Product	Above 32 ° F	32°-29°F	Below 28° F
<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 &amp; 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>

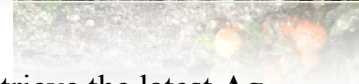
# 2019 - 2020 WINTER WEATHER WATCH PROGRAM

NOVEMBER 15, 2019 TO MARCH 15, 2020  
REGISTRATION FEE: \$100.00



It's once again time to register for the upcoming 2019 - 2020 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.



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## 2019 - 2020 Winter Weather Watch Program

NAME: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

ADDITIONAL PHONE NUMBERS: \_\_\_\_\_

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**