

Citrus Notes



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UF/IFAS Citrus
Extension Agent
for
Polk &
Hillsborough
Counties

IMPORTANT DATES

OCTOBER 9, 2018
OJ BREAK
Bartow, FL

NOVEMBER 1, 2018
ANNUAL CITRUS
SAFETY PROGRAM
Bartow, FL

NOVEMBER 15, 2018
CITRUS UNDER
PROTECTIVE SCREEN
(CUPS) FIELD DAY
Alturas, FL

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

October 2018

OJ Break



This month for our OJ Break we've invited Dr. Tripti Vashisth and Dr. Lauren Diepenbrock from the UF/IFAS Citrus Research and

Education Center to make presentations at this month's meeting. Dr. Diepenbrock is our new citrus extension entomologist. She will be discussing the newly released 2018-19 Citrus Production Management Guide specifically, the pest management sections. Dr. Tripti Vashisth will be discussing citrus pruning and canopy management as related to HLB infected trees. Dr. Vashisth also has information on her work using plant growth regulators to synchronize flowering and flush growth.

We have requested CEU's for certified crop advisors and we have received one CEU for your restricted use pesticide license in the following categories private, ag tree crop, regulatory pest control, regulatory inspection and sampling and demonstration and research. The OJ Break will be held on Tuesday, October 9, 2018, beginning at 10:00 a.m. at the **Stuart Conference Center, 1710 US Hwy 17 S in Bartow, FL**. Lunch will be sponsored by Syngenta and Zach Langford so, we need you to **please register for the meeting by Friday, October 5, 2018**. You can register by calling Gail Crawford at 863-519-1042 or email her at dorothygc@ufl.edu. You can also register using the following Eventbrite link: <https://october2018ojbreak.eventbrite.com/>.

Citrus Employee Safety Program & Tractor Rodeo

Mark your calendars for Thursday, November 1, 2018, for the 2018 annual Citrus Employee Safety Program and Tractor Rodeo. Registration and program information is included in the attached safety program flyer. Please note the deadlines for registration.

Citrus Under Protective Screen (CUPS) Field Day

On Thursday, November 15, 2018, we will be hosting a commercial CUPS Field Day with Dr. Arnold Schumann. This is an opportunity to actually go inside a CUPS structure to see the growth and performance of 2 year old citrus trees grown under this type of management system.

In addition to going inside the structure, we will have various stops along the way to discuss canopy management, CUPS microclimate, pest management and horticultural operations.

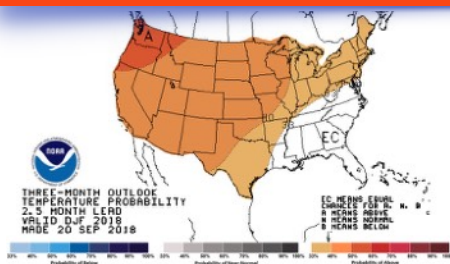
In this grove, we will have a unique opportunity to see the same rootstock/scion combination planted at the same time, grown outside, to compare to trees grown inside the structure.

We will have additional information and a flyer available in next month's Citrus Notes.

UF | IFAS Extension
UNIVERSITY of FLORIDA

The Foundation for the Gator Nation

An Equal Opportunity Institution



2018-19

WINTER WEATHER WATCH

In the event of freezing weather you really want to have a reliable source of weather information. It doesn't matter who you choose as long as you are comfortable in the consistency of the weather information provided. If you are looking, you might want to check out the Winter Weather Watch program. Information along with a registration form is attached to this issue of Citrus Notes.

Syngenta Citrus

Internships Summer 2019

Syngenta is once again looking to hire citrus interns for the 2019 summer. Applicants need to be college level students in their Sophomore or Junior years. For more information on the program and applying please contact Zach Langford, Florida Citrus Internship Coordinator at the following email address: zach.langford@syngenta.com

Farm Service Agency (FSA)

WHIP Program Deadline & Block Grants

If you wish to participate in the USDA, Farm Service Agency, Wildfires, Hurricanes Indemnity Program (WHIP) you must make your appointment with your local Farm Service Agency before November 16, 2018. You must also make the application for WHIP in order to further participate in the Florida Citrus Recovery Block Grant. I have attached a flyer that describes the block grant program and a list of meetings to be held this week.

Chlorpyrifos News

It remains to be seen whether the federal government will appeal a decision by the 9th U.S. Circuit Court of Appeals in San Francisco, which last week has ordered the EPA to remove chlorpyrifos from sale in the U.S. within 60 days. A coalition of farmworkers and environmental groups sued last year after then-EPA Chief Scott Pruitt reversed an Obama-era effort to ban chlorpyrifos, which is widely sprayed on citrus, apples, and other crops. The attorneys general for several states joined the case against

EPA, including California, New York, and Massachusetts.

According to a report by The Associated Press, in a split decision, the court said that Pruitt, a Republican forced to resign earlier this summer amid ethics scandals, violated federal law by ignoring the conclusions of agency scientists that chlorpyrifos causes brain damage in children.

"The panel held that there was no justification for the EPA's decision in its 2017 order to maintain a tolerance for chlorpyrifos in the face of scientific evidence that its residue on food causes neurodevelopmental damage to children," Judge Jed S. Rakoff wrote in the court's opinion.

Michael Abboud, spokesman for acting EPA Administrator Andrew Wheeler, told the AP the agency was reviewing the decision, but it had been unable to "fully evaluate the pesticide using the best available, transparent science."

Corteva, the maker of the chemical, issued the following statement: "Chlorpyrifos is a critical pest management tool used by growers around the world to manage a large number of pests, and regulatory bodies in 79 countries have looked at the science, carefully evaluated the product and its significant benefits, and continued to approve its use. We note that this was a split decision of the panel and we agree with the dissenting judge's opinion. We would hope and expect that the government will consider all of its appellate options to challenge the majority's decision. We will continue to support the growers who need this important product."

The CEO of CropLife America (CLA), Jay Vroom, released a statement saying they're disappointed in the

decision. "We hope that after review of the decision EPA will consider all avenues of appeal," he said. "We continue to support growers and to work with them to ensure they have the tools needed to continue producing safe and affordable food."

Chlorpyrifos, commonly known as Lorsban among other trade names, is widely used in citrus. Joel Nelsen, President of California Citrus Mutual, said the material is so effective against Asian citrus psyllid, growers alternate crop protection tools so that the pest does not build up resistance to the one chemical. It also is used in granular form to kill ants because the ants threaten beneficial insects consuming the eggs of the pest, which spreads an incurable disease, citrus greening.

Growers also use it as a scale treatment on their trees, Nelsen noted. If not treated, Scale destroys trees and is considered a phytosanitary pest for many foreign countries.

As for his opinion of the decision, Nelsen issued the following statement: "It is unfortunate that men in robes demanding and expecting respect for decisions concerning the law have now interjected themselves into the government process and science.

They ignored the flip flops in the previous administration on this subject area yet when the EPA Administrator chooses to get the process back on track, after EPA's Science Advisory Panel disagreed with EPA changes previously; they choose to cherry pick and render a decision. It is preliminary in nature if the registrant chooses to appeal to the full court which we are seeking affirmation that this will happen." (Growing Produce, 8/14/18)

FLORIDA CITRUS RECOVERY BLOCK GRANT

Florida's Citrus Recovery Block Grant Program ("CRBG") is available to citrus producers who maintain an active citrus farming operation and who suffered citrus crop damage as a result of Hurricane Irma. In order to qualify for CRBG, producers must first apply for the Federal 2017 USDA Wildfires and Hurricanes Indemnity Program (WHIP). Producers receiving assistance under either CRBG or WHIP must obtain federal tree and crop insurance for crop years 2020 and 2021. Total payments from insurance, WHIP, and the CRBG shall not exceed 85% of total losses identified by WHIP for insured applicants or 65% of total losses identified by WHIP for uninsured applicants. Payments will be delivered through the State of Florida's My Florida Marketplace (MFMP) vendor payment system via direct deposit or hard-copy check.

THREE PART PROGRAM

The U.S. Department of Agriculture Farm Service Agency ("FSA"), Florida Department of Agriculture and Consumer Services, and the Florida Division of Emergency Management ("DEM") developed the CRBG. The amount of available grant funding is capped at \$340,000,000. DEM will administer the funds, which are available for the following purposes:

PART 1: TREE RESETS, GROVE REHABILITATION, AND IRRIGATION SYSTEM REPAIR/REPLACEMENT (ESTIMATED \$129 M) –

- Funding is available for eligible producers with crop production loss of at least 20% due to Hurricane Irma
- Up to \$385.00/acre for tree resets, rehabilitation or replacement; irrigation and drainage system repair, etc.
- Available Fall 2018
- Complete grant application with supporting documentation is required (see below).

PART 2: FUTURE ECONOMIC LOSSES (ESTIMATED \$182 M) –

- Funding is available for eligible producers with crop production loss of at least 40% due to Hurricane Irma
- Application with supporting documentation for Part 1 required
- Up to \$745.50/acre for expected citrus losses for crop years in 2019 and 2020
- Up to 3 payments total to be disbursed upon completion of:
 - Fall 2018 Site Inspection – up to \$372.75/acre
 - Proof of purchase for 2020 tree and crop insurance – up to \$186.38/acre
 - Proof of purchase for 2021 tree and crop insurance – up to \$186.38/acre

PART 3: CROP INSURANCE PURCHASE REQUIREMENTS (SUBJECT TO AVAILABILITY OF FUNDS AND ESTIMATED \$29 M) –

- Funding may be available to purchase Federal crop insurance for years 2022 and 2023
- Up to 2 payments may be disbursed following crop insurance premiums for crop years 2022 and 2023:
 - Proof of purchase for 2022 crop year insurance – award amount TBD
 - Proof of purchase for 2023 crop year insurance – award amount TBD

APPLICATION PROCESS

The application cycle is scheduled to open on September 18, 2018. Producers may download applications on-line at www.floridadisaster.org or by making an appointment with DEM at the FSA locations listed below:

- Bartow
- Kissimmee
- Wauchula
- Okeechobee
- Moore Haven
- Fort Myers
- Fort Pierce

REQUIRED DOCUMENTATION FOR PAYMENT

In order to comply with Federal and State requirements, DEM will require the following documentation prior to payment:

REQUIRED DOCUMENTATION FOR PAYMENT	
ALL PARTS	Completed WHIP application; Proof of tree and crop insurance for 2020 and 2021 crop years; and, Certifications of continuing citrus operations.
PART 1	<ul style="list-style-type: none">• Proof of expenditures such as receipts, invoices, or credit card statements – up to \$385/acre
PART 2	<ul style="list-style-type: none">• Part 1 application• Fall 2018 site inspection – up to \$372.75/acre• Proof of purchase for 2020 tree and crop insurance – up to \$186.38/acre• Proof of purchase for 2021 tree and crop insurance – up to \$186.38/acre
PART 3	<ul style="list-style-type: none">• Proof of purchase for 2022 crop year insurance – TBD• Proof of purchase for 2023 crop year insurance – TBD.

APPLICATION WORKSHOP SCHEDULE

To learn more about the program, four application workshops will be held throughout the State. See below for details.

WORKSHOP #1 – FORT PIERCE

Monday – September 24th, 9:00-12:00

USDA Horticultural Lab - 2001 S Rock Rd, Fort Pierce, FL 34945

WORKSHOP #2 – LAKE ALFRED

Thursday – September 27th, 9:00 – 12:00

Citrus Research and Education Center - 700 Experiment Station Road Lake Alfred, FL 33850

WORKSHOP #3 – SEBRING

Thursday – September 27th, 2:00-5:00

Bert Harris Ag Center 4509 George Blvd. Sebring, FL 33875

WORKSHOP #4 - LABELLE

Friday – September 28th, 9:00 – 12:00

Dallas Townsend, FL 1085 Pratt Blvd. LaBelle, FL 33935

For more inquiries concerning Florida’s Citrus Recovery Grant Program, contact DEM Senior Management Analyst Joseph Oglesby at (850) 815-4450.



CITRUS SAFETY TRAINING

AND TRACTOR RODEO

**Nov. 1,
2018**

TOPICS WILL INCLUDE

- Ag Crimes
- Hearing Protection
- Highway Safety
- Tractor and Equipment Safety
- WPS Handler Training
- Basic Pesticide Safety Training
- Decontamination Safety



ANNUAL CITRUS EMPLOYEE SAFETY TRAINING

UF/IFAS Extension Polk County invites you and your employees to attend the 2018 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, October 26, 2018.

**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, October 26, 2018.

SAFETY TRAINING PROGRAM (PLEASE PRINT PARTICIPANT'S NAMES)	ENGLISH	SPANISH
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.

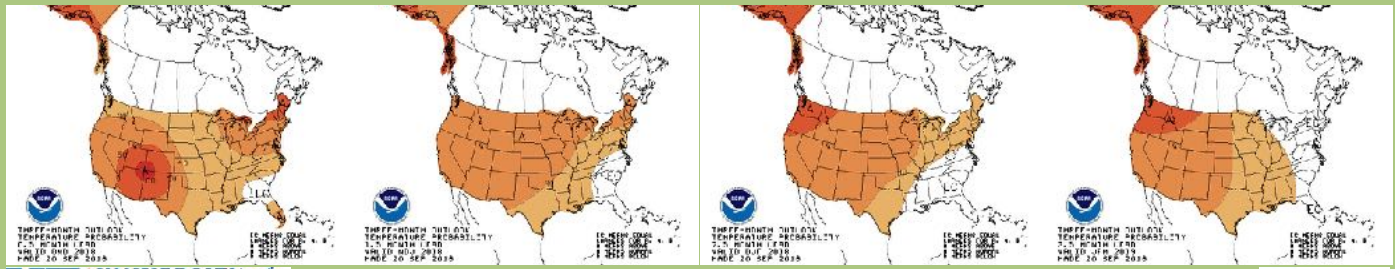
NAME Please list multiple teams in groups of 3 individuals below	SPRAYER OPERATOR	HERBICIDE OPERATOR	FERTILIZER SPREAD-OFF

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



UNIVERSITY of FLORIDA
IFAS Extension
Polk County Extension

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



UF/IFAS Polk County Cooperative Extension Service

The 2018 - 19 version of the Winter Weather Watch will begin on November 15, 2018. Time is short so send in your subscription form to receive timely agricultural winter weather forecasts and information.



The 2018-19 edition of the Polk County Winter Weather Watch program will begin on November 15, 2018. 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 2018-19 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). 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

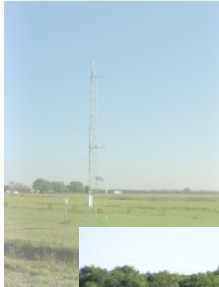
when these forecasts products will be updated. Our Winter Weather Watch area includes the following areas by county: Pasco, Hillsborough, Polk, Highlands, Hardee, Manatee, Sarasota, DeSoto, Charlotte, Lee, Glades, Hendry and Inland Collier.

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 & 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>

2018 - 2019 WINTER WEATHER WATCH PROGRAM

NOVEMBER 15, 2018 TO MARCH 15, 2019
REGISTRATION FEE: \$100.00



It's once again time to register for the upcoming 2018 - 2019 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.



2018 - 2019 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**

FARM LABOR SUPERVISOR TRAINING SCHEDULE FOR FALL, 2018

DAY 1		DAY 2	
DAY 1—TIME	Classes	DAY 2—TIME	Classes
8:00 am - 8:30 am	Registration	8:00 am - 8:30 am	Registration
8:30 am - 10:15 am	Farm Labor Contractor Basics & Navigating H-2A	8:30 am - 10:00 am	Safe Driving
10:30 am - 12:15 pm	Wage/Hour Regulations & Managing H-2A Workers	10:15 am—11:30 am	Pesticide Safety
12:15 pm—1:00 pm	Lunch	11:30 am - 12:15 pm	Lunch
1:00 pm—2:30 pm	EEOC Compliance—Harassment and Discrimination	12:15 pm—1:30 pm	Heat Stress Prevention
2:45 pm - 4:30 pm	Management Communications	1:45 pm - 3:30 pm	Hand Labor Equipment Safety

Oct. 9 -10, 2018
SEBRING

UF/IFAS Highlands County Extension Office
 4509 George Blvd.
 Sebring, FL 33875
 Ph: 863-402-6540
 Register:
<https://fls2018sebring.eventbrite.com>

Oct. 23 -24, 2018
WIMAUMA

UF/IFAS Gulf Coast Research & Education Center
 14625 CR 672
 Wimauma, FL 33598
 Ph: 813-419-6670
 Register:
<https://fls2017wimauma.eventbrite.com>

Who should take these classes? Labor Supervisors, Contractors, Crew Leaders, Foremen, Bus & Van Drivers, Human Resources, Payroll, Compliance, Labor Managers, and Farm Managers.

Language: English or Spanish

Class information: A Certificate of Farm Labor Management is earned by attendees who pass tests in all classes.

FEE: \$50 per class, \$350 for the Complete Certificate Program (one student must attend all 8 classes)

Minimum Class Size: 10 participants

To register visit: <http://swfrec.ifas.ufl.edu/programs/economics/fls> or go directly to the Eventbrite page shown for each location.

For More Information, contact: Barbara Hyman (239) 658-3461 (hymanb@ufl.edu) or Fritz Roka (239) 658-3428 (fmroka@ufl.edu)



2018 Food Safety Workshops

Produce Safety ALLIANCE

Produce Safety Alliance Grower Training

A one-day course for fruit and vegetable growers and packers who fall under FSMA's Produce Safety Rule

- 8/27/18 – Ft. Pierce
<https://psa082718.eventbrite.com>
- 09/13/18 – Homestead
<https://psa091318.eventbrite.com>
- 9/17/18 – Lake Alfred
<https://psa091718.eventbrite.com>
- 10/3/18 – Live Oak
<https://psa100318.eventbrite.com>
- 10/9/18 – Palmetto
<https://psa100918.eventbrite.com>
- 10/23/18 – Sebring
<https://psa102318.eventbrite.com>
- 11/7/18 – Tavares
<https://psa110718.eventbrite.com>
- 11/27/18 – Homestead
<https://psa112718.eventbrite.com>
- 12/13/18 – Immokalee
<https://psa121318.eventbrite.com>
- 12/17/18 – St Augustine
<https://psa121718.eventbrite.com>

Beyond Basic Produce Food Safety: A Hands-On Analysis

This one-day course is targeted at those who have already attended a food safety training and are looking for a more in-depth and hands-on experience. It is not a substitute for a PCQI or PSA Grower Training for FSMA.

- October 18 – Lake Alfred
<https://beyondbasicfoodsafety.eventbrite.com>
- November 1 – Live Oak
Register via email to dtoro@ufl.edu

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

- 9/10-9/12/18– Fort Pierce
<https://fspca091018.eventbrite.com>
- 12/10-12/12/18- Jacksonville
<https://fspca121018.eventbrite.com>

HACCP for Florida Fresh Fruit and Vegetable Packinghouses

This two-day course is not a requirement of FSMA rules, but may be required by some third party audit schemes

- 10/1-10/2/18 – Live Oak
<https://haccp100118.eventbrite.com>
- 11/19-11/20/18 - Immokalee
<https://haccp111918.eventbrite.com>

Questions?

Travis Chapin tkchapin@ufl.edu	Michelle Danyluk mddanyluk@ufl.edu
Renee Goodrich goodrich@ufl.edu	Matt Krug mkrug@ufl.edu
Jessica Lepper jal20xox@ufl.edu	Keith Schneider keiths29@ufl.edu
Rachel McEgan rmcegan@ufl.edu	Jill Dunlop jill.dunlop@ffva.com

All workshops require advanced registration. Registration questions? Contact Jessica Lepper or Rachel McEgan.