

Citrus Notes



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

IMPORTANT DATES

MARCH 3, 2020

MARCH OJ BREAK

Lake Alfred, FL

MARCH 10, 2020

CITRUS EMPLOYEE SAFETY TRAINING

Arcadia, FL

APRIL 14, 2020

FLORIDA CITRUS GROWERS' INSTITUTE

Avon Park, 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

March 2020

OJ Break



Our March OJ Break Program will be held at the UF/IFAS Citrus Research and Education Center, BHG Citrus Hall, on

Tuesday, March 3, 2020, beginning at 10:00 a.m. Specific details for the meeting, including CEU and registration information, are in the meeting flyer attached to this newsletter. Please make note of the registration deadline.

This month our meeting and lunch sponsors are Mark White with G.P. Solutions.

Annual Citrus Safety Training Arcadia

For our growers in DeSoto, Hardee, Sarasota, and Manatee



Counties, the annual 2020 Citrus Employee Safety Training Program will be at the Turner Agri-Civic Center in Arcadia, on the morning of March 10, 2020. I have attached a program flyer with registration information.

2020 Florida Citrus Growers' Institute

The 2020 Florida Citrus Growers' Institute will be held on Tuesday, April 14, 2020, at the Alan Jay Wildstein

Center for the Performing Arts, on the campus of South Florida State College in Avon Park. Additional program information and registration is included in the attached program brochure.

US-1283

Graft Compatibility

Recently, some apparent graft compatibility issues affecting the new rootstock US-1283 and particular scions were noticed. You are being sent a brief statement (attached) about this, to limit any confusion and/or loss of trees. Please feel free to contact Dr. Bowman or Dr. Albrecht if you have questions about this.

Dr. Kim Bowman
Research Geneticist
USDA, ARS, USHRL
2001 S. Rock Road
Ft. Pierce, FL 34945
Kim.bowman@usda.gov

Dr. Ute Albrecht
Plant Physiologist
UF/IFAS, SWFREC
2685 SR 29 N
Immokalee, FL 34142
ualbrecht@ufl.edu

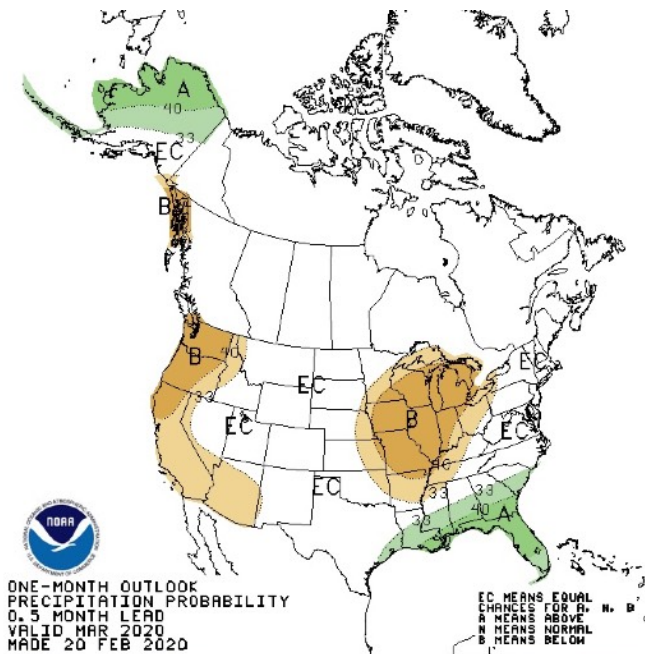
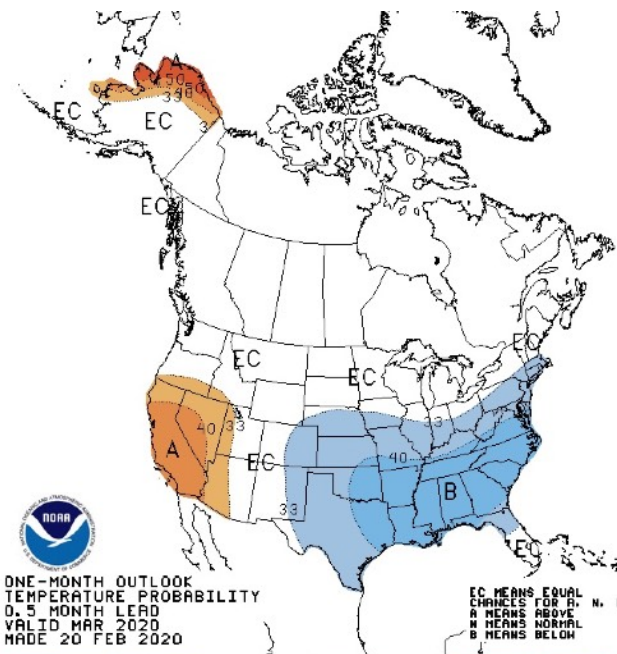
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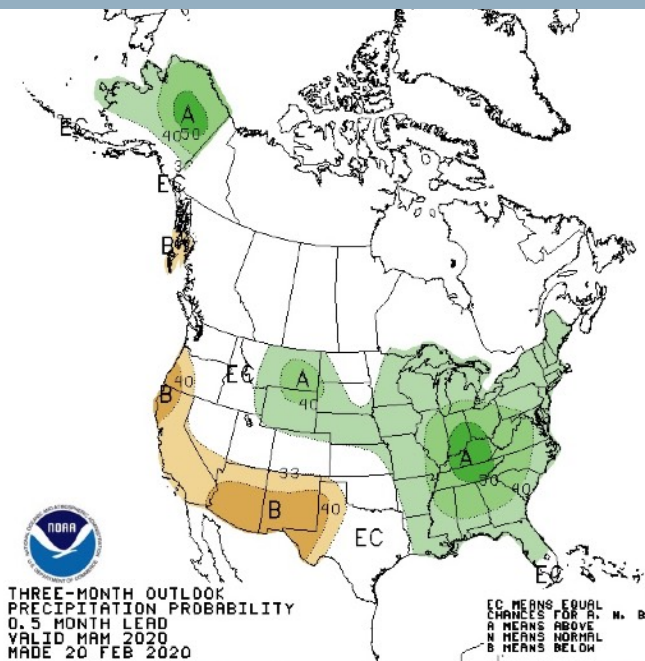
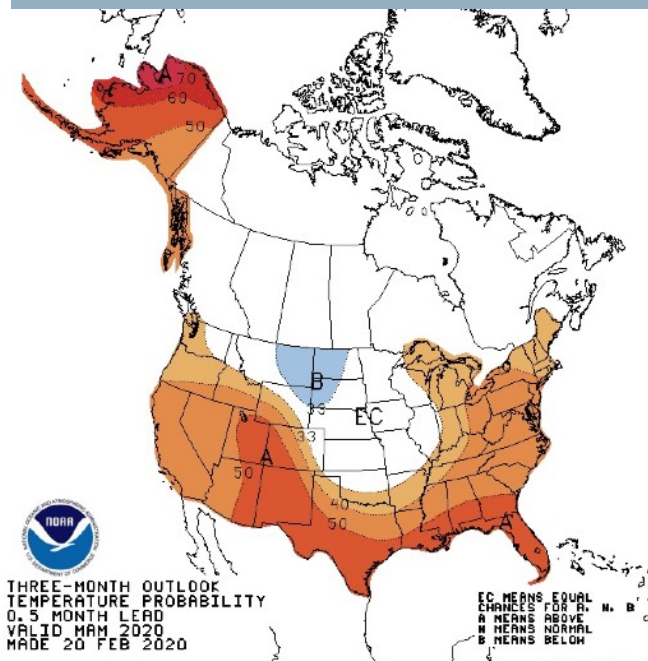
WEATHER OUTLOOK

MONTHLY OUTLOOK FOR MARCH 2020 - TEMPERATURE AND PRECIPITATION



WEATHER OUTLOOK

MONTHLY OUTLOOK FOR MAR/APR/MAY 2020 - TEMPERATURE AND PRECIPITATION



2020 Spring Outlook

As I am finishing up this issue of Citrus Notes, it is hard to believe that spring is just around the corner with minimum temperatures forecasted to be in the 30's for late February.

In order to get a better handle on what to expect this spring, one of the first sources would be the National Weather Service Climate Prediction Center (CPC) and the El Nino Southern Oscillation (ENSO). According to the CPC, there is a 60% chance of neutral ENSO conditions

continuing this spring, with a 50% chance through the summer.

In March, the expectation around here would be for near normal to slightly below normal amounts of rainfall, with above average temperatures.

MARCH
3



MARCH 2020 OJ BREAK

**UF/IFAS Citrus Research and
Education Center**
10am - 12pm

Speakers: Dr. Megan Dewdney & Dr. Tripti Vashisth UF/IFAS CREC

Topics: The Fuzzy and the Blight: Algal Spot and PFD. The second topic Potential of Plant Growth Regulators (PGR's) in Citrus Production.

Location: Ben Hill Griffin Hall, 700 Experiment Station Rd, Lake Alfred

Lunch: Lunch to follow, sponsored by Mark White and G.P. Solutions.

Please preregister by noon March 2, 2020, see below.

CEU's: Restricted Use License: 2.0 CEU's in Private Applicator, Ag Tree Crop or Demo & Research; Certified Crop Advisor: 2.0 CEU's in Crop (1) and Pest (1) Management.

**REGISTRATION IS REQUIRED: [HTTPS://
MARCH2020POLKOJBREAK.EVENTBRITE.COM/](https://march2020polkojbreak.eventbrite.com/) OR
CONTACT GAIL AT 863-519-1042 OR BY EMAIL AT
DOROTHYC@UFL.EDU**

Safety Morning

Tuesday, March 10, 2020

Turner Agri-Civic Center, 2250 NE Roan Street, Arcadia

SCHEDULE

- 7:00 AM Registration
7:30 AM Welcome and Introduction
7:40 AM Worker Protection Standards Handler Training
Laurie Hurner, UF/IFAS Extension (English session)
Karla Hernandez, Jonael Bosques, Francisco Rivera, UF/IFAS Extension (Spanish session)
8:40 AM Break
9:00 AM Presentations approximately 20 minutes each:
Respirator Safety - Ajia Paolillo, UF/IFAS Extension
Basic First Aid and Heat Stress - DeSoto County EMS/Fire Department
Tractor Safety - Laurie Hurner, UF/IFAS Extension
Road Safety – Florida Highway Patrol
Decontamination - Jamie Burrow, UF/IFAS CREC
11:00 AM Jeopardy Review - Jamie Burrow, UF/IFAS CREC
11:30 AM Program Adjourns

REGISTRATION

\$3.00 per person

Complete registration form below and mail to
Ajia Paolillo, UF/IFAS Extension DeSoto County
2150 NE Roan St., Arcadia, FL 34266

**Please make checks payable to:
Citrus Advisory Committee**

*****Registration required prior to March 6, 2020*****

*CEUs will be provided
for those that have a
Restricted Use
Pesticide License*

- Private Appl.–Ag
- Ag Row Crop
- Ag Tree Crop
- Reg. Pest Control

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REGISTRATION FORM

Safety Morning – Tuesday, March 10, 2020

Mail registration form to Ajia Paolillo, UF/IFAS Extension DeSoto County
2150 NE Roan St., Arcadia, FL 34266

For more information, call 863-251-4763 or email, ajiacunningham@ufl.edu

Company: _____

Contact Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Email: _____

Participant Name	English Session	Spanish Session

Please use additional sheets as necessary to list participants.



Notice of possible graft incompatibility between US-1283 rootstock and some commercial scions

Kim D. Bowman¹ and Ute Albrecht²

¹USDA, ARS, USHRL, Ft. Pierce, FL

²SWFREC, UF/IFAS, Immokalee, FL

2/14/2020

The US-1283 rootstock was released by USDA in 2014, based on field performance with Hamlin 1-4-1 sweet orange in trials at two different locations in Florida severely affected by huanglongbing disease. One of these trials was in St. Lucie County and of 14 years duration, while the second trial was in Orange County and of 11 years duration. In both trials, healthy trees and normal graft unions were observed for the trees of Hamlin grafted on US-1283 rootstock. Following release of the new rootstock, commercial use and additional field trials were limited because no seeds of US-1283 were available for nursery propagation. Seeds became available to initiate additional studies in 2018, and subsequently it has been observed that US-1283 can be uniformly propagated by seed for commercial nursery use. During the propagation of trees for additional field trials, it has been noted that some scions grafted on US-1283 exhibit abnormal and unhealthy growth in the nursery, suggesting that those graft combinations would not provide for healthy long-term field performance. The scions Star Ruby grapefruit, Bearss lemon, and Tango mandarin were each observed to produce abnormal bud unions and/or unhealthy scion growth in the nursery, when budded on US-1283 seedlings. In contrast, in addition to making long-term healthy trees with Hamlin 1-4-1 scion, trees of Valencia 1-14-19, Valencia UF B9-65, and Washington Navel sweet oranges grafted on US-1283 have appeared normal and healthy, at least in the early stages. Based on these limited observations, it is recommended that citrus nurseries and growers use caution in considering compatibility with scions other than sweet orange for this rootstock. Additional studies have been initiated, and further information on the compatibility of this rootstock with a broader range of scions will be provided as it becomes available.

PURPOSE OF THE INSTITUTE

Citrus Greening or Huanglongbing (HLB) continues to impact all citrus production areas of Florida. The 2020 Florida Citrus Growers' Institute is an opportunity for Florida citrus growers to come together to learn about effective management of HLB and other challenging diseases affecting the industry. Topics this year include citrus pathology, horticultural management of HLB, and citrus entomology.

CONTINUING EDUCATION UNITS

Continuing Education Units (CEU's) will be offered for holders of restricted use pesticide licenses (RUP) and certified crop advisors (CCA). CEU's have been granted in the following categories: private applicator, agricultural tree crop and demonstration & research for RUP holders. CEU's have been requested for CCA's in the appropriate CEU categories.

SPONSORS

PLATINUM

FMC Corporation

Harrell's

Syngenta Crop Protection

GOLD

Bayer CropScience

Valent

BRONZE

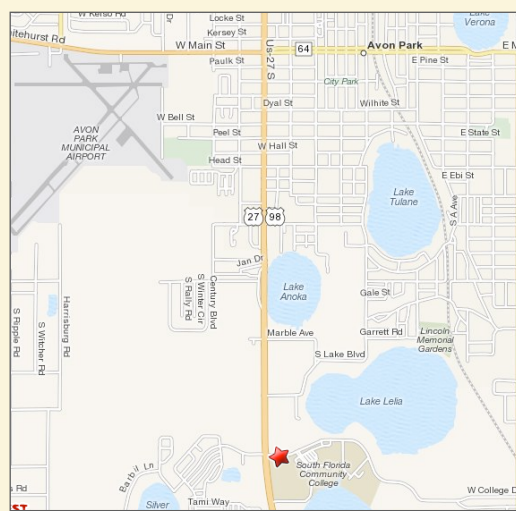
Alltech

Farm Credit

Gowan

TradeMark Nitrogen Corp.

Tree Defender



DIRECTIONS

The South Florida State College is located at 600 West College Drive in Avon Park.

From the South: Take U.S. Hwy. 27/98 north towards Avon Park, turn east onto W. College Drive and follow the signs to the Theatre.

From the North: Take U.S. Hwy. 27/98 south to Avon Park, continue south to W. College Drive, turn east onto W. College Drive and follow the signs to the Theatre.

From the East: Take U.S. Hwy. 98 north to where U.S. Hwy. 27/98 merge south of Sebring. Proceed on U.S. Hwy. 27/98 north towards Avon Park, turn east onto W. College Drive and follow the signs to the Theatre.

From the West: Take S.R. 64 east to Avon Park, turn south on U.S. Highway 27/98 to W. College Drive, turn east onto W. College Drive and follow the signs to the Theatre.

SOUTH FLORIDA STATE COLLEGE
ALAN JAY WILDSTEIN
CENTER FOR THE PERFORMING ARTS
600 W. COLLEGE DRIVE
AVON PARK, FL

FLORIDA CITRUS GROWERS' INSTITUTE



Conducted by

University of Florida, IFAS Extension
Citrus Research and Development
Foundation

South Florida State College
Alan Jay Wildstein
Center for Performing Arts
Avon Park, Florida

April 14, 2020

2020 Florida Citrus Growers' Institute

PROGRAM AGENDA TUESDAY, APRIL 14, 2020

8:00 AM - Registration

8:40 AM - Welcome and Introductions

Mr. Chris Oswalt, CES, Bartow, FL

8:45 AM - CRDF Program Update - *Mr.*

Richard Dantzler, COO, CRDF

CITRUS HORTICULTURE

Moderator: Ms. Ajia Paolillo, CES, Arcadia, FL

9:15 AM - Beyond Glyphosate: Alternatives to Consider Adding to a Citrus Weed

Management Program - *Dr. Ramdas Kanisvery, UF/IFAS SWFREC*

9:45 AM - Trunk Injection: Difficulties and Considerations - *Dr. Ute Albrecht, UF/IFAS SWFREC*

10:15 AM - Break

10:30 AM - Improved Genetics and Nutrition - The Way Forward - *Dr. Jude Grosser, UF/IFAS CREC*

11:00 AM - Citrus Nutrition Box Update: Ongoing Trends in Nutrition Management - *Dr. Tripti Vashisth, UF/IFAS CREC*

11:30 AM - Juice Imports, Fruit Prices, and Cost of Production - *Dr. Ariel Singerman, UF/IFAS CREC*

CITRUS ENTOMOLOGY

Moderator: Dr. Mongi Zekri, CES, LaBelle, FL

11:45 AM - Making Sense of Spraying: Keeping Resistance in Check; and Accounting for Biological Control- *Dr. Lukasz Stelinski, UF/IFAS CREC*

12:15 PM - Lunch

1:15 PM - Strengthening and Diversifying Citrus Pest Management - *Dr. Jawwad Qureshi, UF/IFAS SWFREC*

1:45 PM - Lebbeck Mealybug Management Update - *Dr. Lauren Diepenbrock, UF/IFAS CREC*

CITRUS PATHOLOGY

Moderator: Ms. Laurie Hurner, CES, Sebring, FL

2:10 PM - Antibiotics Applications: Between Success and Failure - *Dr. Nabil Killiny, UF/IFAS CREC*

2:35 PM - Algal Spot: What is Old is New Again - *Dr. Megan Dewdney, UF/IFAS CREC*

3:00 PM - Adjourn

CES: County Extension Service

COO: Chief Operating Officer

CRDF: Citrus Research and Development Foundation

CREC: Citrus Research & Education Center, Lake Alfred, FL

SWFREC: Southwest Florida Research & Education Center, Immokalee, FL

UF/IFAS: University of Florida, Institute of Food and Agricultural Sciences

The Institute of Food and Agricultural Sciences (IFAS) is an Equal Opportunity Institution.



FLORIDA CITRUS GROWERS' INSTITUTE

April 14, 2020

PREREGISTRATION
IS REQUIRED

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

Phone: _____ Email: _____

Please send registration by April 10, 2020 to:

Gail Crawford, Polk County Extension Service, P.O. Box 9005, Drawer HS03, Bartow, FL 33831

By phone: 863-519-1042, Fax: 863-534-0001, email: dorothy@ufl.edu or

online at: <https://citrusinstitute2020.eventbrite.com/>