

# Citrus Notes

**Polk County Extension Service**

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**March 2011**

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*Dear Growers,*

*Our March Citrus Roundtable will be held on Friday, March 4, 2011 at the UF/IFAS Gulf Coast Research and Education Center, 14625 CR 672 in Balm. Don't forget the 2011 Florida Citrus Growers' Institute is set to be held on April 6, 2011 in Avon Park and we have enclosed the program brochure. A mechanical harvesting field day and workshop is scheduled for April. CHMA maps are being developed and the website is up and running. I have included a list of some psyllid management tips for your review. There were a few changes made to the citrus spray guide after printing and I have included those changes.*

*Enjoy the issue,*

Chris Oswalt  
Citrus Extension Agent  
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Bartow, FL 33831-9005

**March  
Citrus  
Roundtable**  
*(Note the  
date change)*



The March Hillsborough County Citrus Roundtable meeting will be held in Balm at the UF/IFAS Gulf Coast Research and Education Center, on **Friday, March 4, 2011**, beginning at 10:00 a.m. Note the date change to Friday instead of our normal Wednesday. I had to reschedule our meeting due to an unavoidable commitment I have on a University Search and Screen Committee.

Our speaker will be Dr. Tim Spann, CREC Citrus Extension Horticulturist. I have asked Dr. Spann to bring us up to date on the current efforts on managing HLB with foliar nutrition and his latest findings on the yield of HLB infected trees.

I'll bring the OJ, donuts and coffee for the Roundtable so make plans to attend on **Friday, March 4, 2011**.



**2011 Florida  
Citrus  
Growers'  
Institute**

The 2011 Florida Citrus Growers Institute is set for Wednesday, April 6, 2011, at the Avon Park Campus of South Florida Community College. The attached brochure has all the details and registration information.

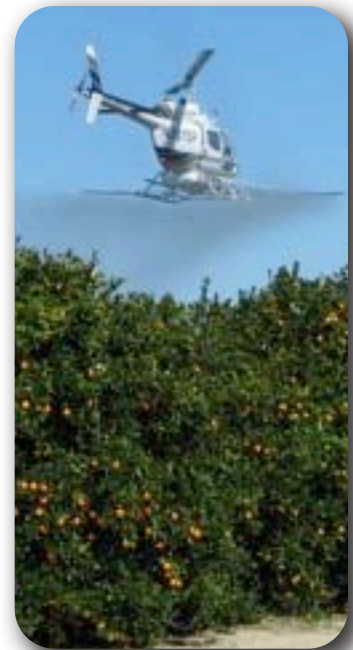
**Mechanical  
Harvest Field  
Day**



A citrus mechanical harvesting field day and workshop has been scheduled for Wednesday, April 20, 2011, at the Southwest Research and Education Center, 2685 SR 29 North, in Immokalee. The program "Getting Ready for Abscission" will begin with registration at 7:30 a.m. I have included the flyer with registration and program information at the end of this newsletter.

**Citrus Health  
Management  
Areas  
(CHMA)**

Following our last OJ Break in February, Dr. Michael Rogers provided Polk County maps to help better define the geographical boundaries of our Polk County CHMA's. This information will be used to develop detailed maps for posting on the CHMA website (<http://www.crec.ifas.ufl.edu/extension/chmas/index.shtml>). Once we have the CHMA's posted, there will be information related to psyllid numbers in the CHMA, proposed spray dates along with suggested pesticide selection. Once we get the CHMA's posted, if you want to participate there will be a link to "join the CHMA" which will allow you to



receive automated email notices of new information update. There will also be a secured grower discussion forum for only registered growers. We currently have a number of functioning CHMA's in Polk County and this website access will provide growers the latest up to date information on managing HLB.

If you own or manage a grove in south Hillsborough County there is a current CHMA website already posted at the above referenced link.

### ***Psyllid Management Tips***

Dormant sprays are very important in the initial reduction of annual psyllid populations. These dormant sprays have been shown to suppress psyllid populations for an extended time (up to 4 to 5 months in some studies).



Psyllid sprays should be applied before the onset of a new flush if possible.

Aerial applications of broad spectrum insecticides is as effective as a ground airblast application.



Aerial, low volume and ground airblast applications are effective in controlling psyllid populations.

Psyllid control is better managed on a wide area basis than at a local level.

A suggested level at which psyllid numbers should be maintained using the tap method is less than an average of 0.05 psyllids per tap.

Practice resistance management and do not use materials with the same mode of action in sequence.



### **2011 Florida Citrus Pest Management Guide**

M.E. Rogers, M.M. Dandrey and T.M. Spann, Editors  
H.H. Braxton, H.W. Browning, C.C. Chabro, W.O. Dawson, K.S. Dennek, L.W. Duncan, F.M. Frazier, S.H. French, J.H. Graham, M.E. Hart, M.K. Isenring, C.W. McCoy, J.A. Morris, F.P. Murray, C.H. Reardon, J.H. Rogers, J.H. Rogers, L. Potts, K.A. Potts, M.A. Pritchard, J.D. Roberts, M. Salway, P.J. Shelton, S.E. Simpson, M. Singh, P.A. Stepien, L.L. Stepien, L. Turner, T.A. Wheeler



### ***Additions to the 2011 Citrus Spray Guide***

There have been a couple of additional fungicide materials added to our recommendations for citrus disease control.

These materials were not included in the 2011 Citrus Integrated Pest Management Guide.

Quadris Top a strobilurin (azoxystrobin) and DMI (difenoconazole) mix is recommended for control of alternaria brown spot, greasy spot and melanose.

Pristine a strobilurin (pyraclostrobin) and SDHI (boscalid) is recommended for alternaria brown spot.

Additionally it has been passed on that these new mode of actions (MOAs) are just as vulnerable as the strobilurins to resistance development so they must be rotated.

The updated chapters can be found on the following website:

<http://www.crec.ifas.ufl.edu/extension/pest/>

in the appropriate disease chapters.

## *Pesticide News and Information*



### **Web Based Pesticide Labeling**

The EPA is seeking comments on whether to continue consideration of a web-distributed labeling program. The Agency's new initiative would require farmers to use the Internet to obtain pesticide labels for products they use. This new approach, which would largely replace the paper-based system, would rely on all users to contact either the official pesticide labeling website or a toll-free telephone number from which they can obtain the detailed use instructions that previously were attached to the product container. Comments must be received by EPA on or before March 29, 2011. The expected benefits from using a web-based labeling system will include faster access to new pesticide uses, quicker implementation of protective measures for public health and the environment, improved compliance with label directions and lower costs for industry and EPA. The American Farm Bureau Federation has participated in the EPA web-distributed labeling workgroup and has expressed serious concerns. Some of these concerns include farmers' lack of accessibility to high speed Internet, the culture change that would be required in the farming community, and the liability associated with expiration dates and older products that continue to have a paper label. (South Florida Vegetable Pest and Disease Hotline, 1/28/11).



## **Citrus Mechanical Harvesting Field Day and Workshop: *GETTING READY FOR ABSCISSION***

**Wednesday, April 20, 2011**

University of Florida, Southwest FL Research and Education Center  
2685 State Road 29 North  
Immokalee, FL 34142

### **Agenda**

- 7:30** Registration, coffee and refreshments
- 8:00** Welcome and program outline
- 8:15** **UF/IFAS Projects in Citrus Mechanical Harvesting & Abscission**
- 8:30** **Travel to SWFREC Concept Grove**
- Over the Row Mechanical Harvester Demonstration
  - CMNP Sprayer Demonstration
  - Abscission Pull-Force Demonstration
  - Tree Mapping Technology
- 10:15** Return to SWFREC Main Building
- 10:30** **What Do We Know About CMNP and What We Hope to Learn From the EUP**
- 11:30** **Canopy Uniformity, Fruit Recovery, and CMNP Value**
- 12:30** Lunch
- 2:00** Adjourn

**To RSVP or further information contact:**

**Barbara Hyman- [hymanb@ufl.edu](mailto:hymanb@ufl.edu) or (239) 658-3461**



## PURPOSE OF THE INSTITUTE

Citrus Greening or Huanglongbing (HLB) continues to spread throughout citrus production areas of Florida. The 2011 Florida Citrus Growers' Institute is an opportunity for Florida citrus growers to come together under a single purpose to learn about effective management of this devastating disease. Topics this year include Asian citrus psyllid management, genomics and HLB cultural management.

## CONTINUING EDUCATION UNITS

Continuing Education Units (CEU's) will be offered for holders of restricted use pesticide licenses (RUP) and certified crop advisors (CCA). Five CEU's will be offered in the following categories: private applicator and agricultural tree crop for RUP holders. CCA's will be offered CEU's in the pest management (4 CEU's) and nutrient management (1 CEU's) categories.

### SPONSORS

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#### BRONZE

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Magna-Bon, Inc.

Maxijet Corporation

Nutri-Phite Fertilizers

Plant Food Systems

Valent USA



## DIRECTIONS

The South Florida Community College is located at 600 W 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.

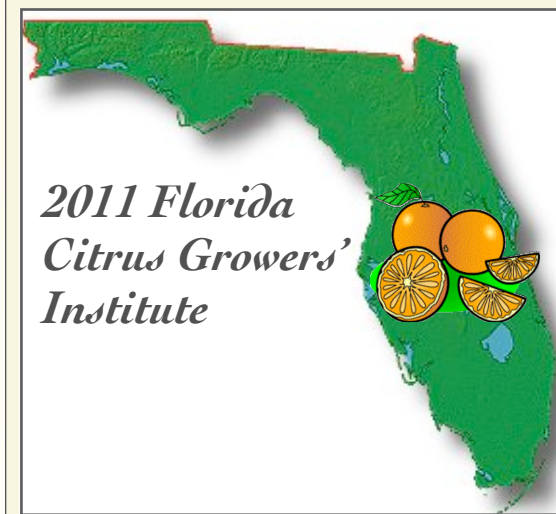
From the North: Take U.S. Hwy. 27/98 south to Avon Park, continue south to W College Drive, turn east onto W College Drive and follow the signs to the Theatre.

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 COMMUNITY COLLEGE  
THEATRE FOR 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 Community College  
Theatre for Performing Arts  
Avon Park, Florida  
April 6, 2011**

# 2011 Florida Citrus Growers' Institute

## PROGRAM AGENDA

WEDNESDAY, APRIL 6, 2011

8:00 AM - Registration

8:30 AM - Welcome and Introductions

*Dr. Mongi Zekri, CES, LaBelle, FL*

8:40 AM - An Overview of the Current Citrus Research and Development Foundation Investments in Citrus Disease Research. *Dr. Tom Turpen, Program Manager, Citrus Research Development Foundation, Lake Alfred, FL*

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## ASIAN CITRUS PSYLLID MANAGEMENT

*Moderator: Dr. Steve Futch, CES, Lake Alfred, FL*

9:00 AM - Five Years of Experience with Huanglongbing in Florida: Current Assessment; How did we get Here - *Dr. Susan Halbert, FDACS/DPI, Gainesville, FL*

9:20 AM - Interactions of the Asian Citrus Psyllid with *Candidatus Liberibacter asiaticus* - *Dr. Kirsten Pelz-Stelinski, CREC*

9:40 AM - Seasonal Changes in the Number of Asian Citrus Psyllids carrying *Candidatus Liberibacter asiaticus* - *Dr. Tim Ebert, CREC*

10:00 AM - Seasonal Variability in HLB Testing Data in Plant and Psyllid Samples in Florida - *Mr. Mike Irey, United States Sugar Corp., Clewiston, FL*

10:20 AM - Citrus Health Management Area (CHMA) Program Update - *Dr. Michael Rogers, CREC*

10:50 AM - Break

*Moderator: Mr. Gary England, CES, Bushnell, FL*

11:10 AM - HLB Management with Foliar Applications of Nutritional and Insecticides - *Dr. Phil Stanely, SWFREC*

11:40 AM - Insecticide Resistance and Susceptibility of Uninfected and Infected Psyllid - *Dr. Sid Tiwari, CREC*

12:00 PM - Effect of Soil-Applied and Foliar Insecticides on Psyllid Feeding and their Implication for HLB - *Ms. Rosana Serikawa, CREC*

12:20 PM - Lunch

## GENOMICS & CULTURAL MANAGEMENT

*Moderator: Mr. Tim Gaver, CES, Ft. Pierce, FL*

1:30 PM - Viral Vectors and Prospects for HLB Control - *Dr. Bill Dawson, CREC*

1:55 PM - RNAi Strategy to Control Insect Pests - *Dr. Wayne Hunter, USDA/ARS, Ft. Pierce, FL*

2:20 PM - Managing HLB with Plant Nutrition - *Dr. Tim Spann, CREC*

2:45 PM - Foliar Nutritional Therapies - *Dr. Bob Rowe, SWFREC*

3:05 PM - Horticultural Lessons to Manage HLB (summary) - *Mr. Chris Oswald, CES, Bartow, FL*

3:30 PM - Adjourn

**CES:** County Extension Service

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

**FDACS/DPI:** Florida Department of Agriculture & Consumer Services/Division of Plant Industry

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

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

**USDA/ARS:** United States Department of Agriculture/Agricultural Research Service



FLORIDA CITRUS GROWERS' INSTITUTE

April 6, 2011

PREREGISTRATION IS REQUIRED

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Please send registration to:

Jane Wilson, Citrus REC, 700 Experiment Station Road, Lake Alfred, FL 33850

Phone: 863-956-1151, Fax: 863-956-4631 or email: [mjw@crec.ifas.ufl.edu](mailto:mjw@crec.ifas.ufl.edu)