February 2013

- Upcoming Events
- USDA Citrus Crop Estimate Lowered (Again!)
- 2013 UF/IFAS Central Florida Blueberry Field Day
- Pomegranate Pruning Field Day
- Applications While Bees are Foraging in the Field
- Citrus BMP Program
- Mid Florida Citrus Foundation Field Day
- International Research Conference on HLB Grower Day
- Growers Meet to Discuss Area Wide Sprays
- New Tool to Find Psyllid Population Trends in CHMAs
- CHMA Map of the Month

February 21 — 2013 UF/IFAS Central Florida Blueberry Field Day at Spring Valley Farm in Umatilla, FL

February 27 — Florida Pomegranate Association Pomegranate Pruning Field Day at the Mid Florida Citrus Foundation Deciduous Demonstration Area in Avalon, FL

February 27 — Florida Berry Expo at the Gulf Coast Research and Education Center in Balm, FL

February 28 — Mid Florida Citrus Foundation Field Day at the Krezdorn Research Grove in Avalon, FL

March 6 — International Research Conference on Huanglongbing Grower Day at the Citrus Research and Education Center in Lake Alfred, FL

March 7 — Florida Blueberry Growers Association Spring Seminar at the Trinkle Center/Hillsborough Community college in Plant City, FL

March 12 — 2nd Vegetable and Small Fruit Protected Ag Field Day — Gulf Coast Research and Education Center in Balm, FL

March 20 — Mature Citrus Mentors at the Lake County Agricultural Center in Tavares, FL

April 2 — 2013 Florida Citrus Growers Institute at South Florida State College in Avon Park, FL
USDA Citrus Crop Estimate Lowered

Cooperating with the Florida Department of Agriculture & Consumer Services
2290 Lucien Way, Suite 300, Maitland, FL 32751
(407) 648-6013 - (407) 648-6029 FAX - www.nass.usda.gov/fl

February 8, 2013

All Orange Production Down Less than 1 Percent
Valencia Orange Production Down 1 Percent
All Grapefruit Production Unchanged
All Tangerine Production Down 3 Percent
Tangelo Production Down 3 Percent
FCOJ Yield 1.62 Gallons per Box (42° Brix)

FORECAST DATES – 2012-2013 SEASON
[Release time 12:00 p.m. EDT]
March 9, 2013
April 10, 2013
May 10, 2013
June 12, 2013
July 11, 2013

Citrus Production by Type and State – United States

<table>
<thead>
<tr>
<th>Crop and State</th>
<th>2009-2010</th>
<th>2010-2011</th>
<th>2011-2012</th>
<th>January</th>
<th>February</th>
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<td>(1,000 boxes)</td>
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<td>Grapefruit</td>
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<td>Florida-All</td>
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<td>Tangerines</td>
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<td>15,550</td>
<td>15,390</td>
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</table>

¹ Net pounds per box: oranges in California-80 (75 prior to the 2010-2011 crop year), Florida-90, Texas-85; grapefruit in California-80 (67 prior to the 2010-2011 crop year), Florida-86, Texas-80; lemons-80 (76 prior to the 2010-2011 crop year), tangelos-90, tangerines and mandarins in Arizona and California-80 (75 prior to the 2010-2011 crop year), Florida-95.
² Naval and miscellaneous varieties in California. Early (including Navel) and midseason varieties in Florida and Texas. Includes small quantities of tangerines in Texas and Temple in Florida.
³ Estimates carried forward from previous forecast.
⁴ Fallglo and Sunburst varieties.
⁵ Includes tangelos and tangors.
2013 UF/IFAS Extension Central Florida Blueberry Field Day
Spring Valley Farm—Umatilla, FL

Thursday, February 21, 2013

Agenda:

11:00 AM - Registration
11:30 AM - Welcome
11:40 AM - Sponsored Lunch
12:15 PM - Attendees evaluate hedging treatments
               Mr. Gary England
12:40 PM - Spring Valley Hedging and Hydrogen Cyanamide Observations
               Mr. Chuck Allison & Mr. Nato Martinez
1:00 PM - Review of Hedging Research and Recommendations
               Dr. Jeff Williamson
1:30 PM - Weed Identification and Herbicide Selection
               Dr. Peter Dittmar
2:00 PM - Spotted Wing Drosophila Scouting and Management
               Dr. Oscar Liburd
2:30 PM - Stem Die Back Detection and Management
               Dr. Phil Harmon
3:00 PM - Evaluation and Adjourn

Pre-registration is required by 2/18/13: by following link below.

http://www.eventbrite.com/event/5401415780

Location:
Spring Valley Farm
17255 SE Hwy. 452
Umatilla, FL 32784
Florida Pomegranate Association
Pruning Clinic
February 27, 2013
9:30am-3:00pm

Mid Florida Citrus Foundation - Water Conserv II
17498 McKinney Road, Winter Garden, FL 34787

Pre-Registration - Members $10.00*, Non members $20.00
Pre-Registration ends Monday February 25, 2013.

Pay at the Gate - Members $15.00*, Non members $25.00
Please use check or correct amount.

Telephone reservations available ONLY Tuesday February 26, 2013.

*Members may invite one guest at members price.

Includes pruning demonstration with hands on activities, pomegranate propagation material available, lunch is provided, and ending with a round table discussion.

Pruning equipment provided.

The morning pruning session is out in the orchard, please dress accordingly.

We accept personal or business checks

Registration, Questions, and Reservations
Contact Cindy Weinstein
863-604-3778
flpomegranate@gmail.com
Florida Pomegranate Association
6360 Johnston Rd.
Zolfo Springs, FL 33890

Registration Information:

http://www.eventbrite.com/event/5371644734/?ref=enivte001&invite=MzAzOTYwNi9iY2FzdGxlQHVmbC5lZHUvMA%3D%3D&utm_source=eb_email&utm_medium=email&utm_campaign=invitenev&utm_term=eventimage&ref=enivte001#
Applications While Bees are Foraging in the Field

Whether you are growing citrus or a deciduous crop such as blueberries, this is the time of year when European honeybees are busy foraging the spring bloom for nectar and thus assisting with the proper pollination of the crop. There have been indications of slumping bee populations around the country and scientists have been trying to identify the factor(s) causing these reductions. To have as minor an effect as possible on foraging bees in your crop, in addition thoroughly reading and following all instructions to proper application on the product label, be certain to read and familiarize yourself with any information regarding effects on foraging bees and follow all instructions pertaining to the subject.

Some area growers have reported honeybee population reduction on their farms possibly related to applications containing products other than insecticides during the time the insects were foraging in the crop. After checking with UF/IFAS Extension Entomologists, Drs. Jamie Ellis and Oscar Liburd, we learned that products such as non-ionic surfactants (soap like products) and fungicides can affect bee populations. Dr. Ellis mentioned that some surfactants can have a contact activity on the bees and in some cases, fungicides carried back to a hive could impact immature bees. Unfortunately, there is little research available on these occurrences but caution while applying these products during times of honeybee foraging may be warranted.

It is probably the best practice to make applications late afternoon/night or very early in the morning during peak bloom/bee foraging times. To find out more information on honeybees, including information on the next UF/IFAS Bee College, please go the UF/IFAS Honeybee Research and Extension Lab Website: [http://entnemdept.ifas.ufl.edu/honeybee/extension/](http://entnemdept.ifas.ufl.edu/honeybee/extension/).

Citrus BMP Program

Just about anyone involved in Florida Agriculture knows the importance of a sustainable supply of good quality water to our industry. It important for all members of the Florida Agricultural Community to do their part and take the necessary steps in their operations to ensure a bountiful supply of high quality water in the future. For producers, following Best Management Practices (BMPs) is the recommended way to accomplish this goal.

BMPs are research based methods to produce crops with the least effect on the environment, including water. There is now one BMP for Florida Citrus and the new manual is linked below. Hard copies of the new Florida Citrus BMP Manual and further information about the program provided by the UF/IFAS BMP Implementation Team will be available at the Mid Florida Citrus Foundation Field Day on February 21, 2013.

Mid Florida Citrus Foundation Field Day
Thursday, February 28, 2013

8:45 AM     Registration
9:30 AM     Welcome – Gary England
9:40 AM     Plant Improvement and New Varieties
            New Varieties Development and Management Corporation—
            Mr. Peter Chaires
            Seedless Valencia – Dr. Jude Grosser
            Evaluation of trifoliate rootstocks – Dr. Steve Futcher
10:30 AM    Nutritional Programs – Gary England
11:00 AM    Pest Management
            Monitoring and Management of Citrus Black Spot –
            Dr. Megan Dewdney
            Management Programs for Asian Citrus Psyllid (ACP) –
            Dr. Michael Rogers
            Insect Monitoring and Insecticide Resistance Management –
            Dr. Lukasz Stelinski
12:15 PM    Evaluation and Sponsored Lunch
            Information on Citrus BMP Program – Ms. Jemy Hinton

Pre-registration Required:
Please follow this link to register: http:
http://www.eventbrite.com/event/5488440072

Questions or Special Arrangements:
Anna Perez (352) 343-4101 Ext. 2714 or asperez@ufl.edu

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International Research Conference on Huanglongbing Grower Day
Salient Points and Take Home Messages

Wednesday, March 6, 2013

UF-IFAS Citrus Research and Education Center
Ben Hill Griffin Hall
700 Experiment Station Road
Lake Alfred, FL 33850

Agenda

8:45 am  Registration (handled by FCM)
9:15 am  Welcome
9:30 am  Entomology - Michael Rogers
10:15 am Plant Pathology - Megan Dewdney
11:00 am Horticulture - Steve Futch
11:45 am Researcher panel - Entomology, Plant Pathology, Horticulture groups
12:15 pm Grower perspective on HLB research progress - Jerry Newlin
12:30 pm Lunch, sponsored by FCM
1:15 pm  After-lunch discussions, as needed

Meeting is sponsored by:
Citrus Research and Development Foundation, Inc.
Florida Citrus Mutual

To register contact Clark Baxley at Florida Citrus Mutual, 863-682-1111 or by email at clarkb@flcitrusmutual.com. There is no registration fee. RSVP is required to attend.
Growers Meet to Discuss Area Wide Sprays

On Thursday, February 7, 2013, a group of central Florida citrus growers and caretakers gathered to discuss the need to implement area wide coordinated sprays to reduce psyllid populations in the region. Mr. Brandon Page, CHMA Coordinator from the UF/IFAS Citrus Research and Education Center in Lake Alfred was on hand to demonstrate the CHMA scouting data from around the state and how the majority of the CHMAs covering Lake, Orange and Seminole Counties have significantly higher Asian citrus psyllid (ACP) populations than other CHMAs statewide where coordinated area wide sprays are being conducted.

In many CHMAs around the state where area wide coordinated sprays have been ongoing, ACP populations have been kept in check. This ultimately can reduce the numbers of sprays growers need to make to manage ACP and lower pest management costs.

The group agreed that bloom had advanced to the point in the region where a coordinated spray would probably not be likely immediately because of the limited choices for insecticides that would control ACP but not affect foraging bees associated with the bloom. The group did agree to apply coordinated applications of an organophosphate insecticide during the post bloom period. The plan for future applications for one of the CHMAs is listed below:

<table>
<thead>
<tr>
<th>Proposed Date of Application</th>
<th>Mode Action</th>
<th>Notes and/or Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov./Dec. 2012</td>
<td>Pyrethroid</td>
<td>First Dormant Spray. Mustang or Danitol</td>
</tr>
<tr>
<td>Jan. 2012</td>
<td>Pyrethroid</td>
<td>Second Dormant Spray. Mustang or Danitol</td>
</tr>
<tr>
<td>April 2013</td>
<td>Organophosphate</td>
<td>Immediately Post – Bloom. Attacking Psyllids that developed during bloom period on the Spring flush</td>
</tr>
<tr>
<td>Summer 2013</td>
<td>To be Determined</td>
<td>Attacking Psyllids that developed on Summer flush Date to be determined Material choices are Carbamates, Spinetoram, and Pyrethroids</td>
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<tr>
<td>Sept./Oct. 2013</td>
<td>Organophosphate</td>
<td>Attacking Psyllids that developed on the Fall flush Date to be determined</td>
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</table>

To find out information about the CHMA your grove is in, please go to:
http://www.crec.ifas.ufl.edu/extension/chmas/chma_websites.shtm
New Tool to Find Psyllid Population Trends in CHMAs

Mr. Brandon Page, CHMA Coordinator at the UF/IFAS Citrus Research and Education Center in Lake Alfred, has added a tool on the CHMA Website where anyone interested can go to a CHMA and obtain psyllid scouting numbers to the township/section/range (TSR: 1 square mile Level). This is a good tool to see how block scouting data in a general area are trending. To do so, go to the CHMA website:

http://www.crec.ifas.ufl.edu/extension/chmas/index.shtml

Select the CHMA Sectional Mapping Tab:

You can sign up to participate in the program and after getting notification log in and follow directions to either look at actual scouting numbers at the TSR level or choose Presentation to view a map of the CHMA where each colored square represents a TSR. The colors of individual TSRs are Blue, Yellow or Red, where psyllid populations are blue for OK, yellow for caution or red for high. When choosing either option, the highest cycle number is the latest data.

When you click on individual TSRs you will have a window that shows actual data for the cycle. Give it a try and let us know if you need any assistance.
CHMA Map of the Month

The map below is for the **North Lake/South Marion CHMA** from February 1. The red arrows in the Weirsdale and Umatilla areas represent increasing psyllid populations in that area. In depth interpretation of these results can be obtained by logging in to the CHMA Sectional Mapping Program on the CHMA Website Main Page: http://www.crec.ifas.ufl.edu/extension/chmas/index.shtml

**Interested in Sponsoring Central Florida Citruslines and Fruit Crops Update?**

- Space available
- Minimum 6 issues per year

Information
Gary England
gke@ufl.edu
(352) 392-4101 Ext. 2729