July 2014

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- Is an “El Niño” in the Cards for this Winter?
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- Pomegranates After 4 Years
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Upcoming Events

**August 1-2** Florida Small Farms and Alternative Enterprises Conference at the Osceola Heritage Park in Kissimmee

**August 13-14** Citrus Expo at the Lee County Civic Center in North Ft. Myers

**August 21** Citrus Packinghouse Day at the Indian River Research and Education Center in Ft. Pierce

**August 22** Florida Pomegranate Growers Association Meeting at McTeer Farms in Haines City

**September 9** Central Florida Peach Growers “Round Table” Meeting at the Citrus Research and Education Center in Lake Alfred

**October 7** Florida Blueberry Growers Association Fall Seminar at the Trinkle Center in Plant City

**October 8** Certified Crop Advisor Seminar at the UF/IFAS Extension—Lake County Office in Tavares

**October 14-16** Sunbelt Ag Expo in Moultrie, GA

**October 23** CEU Day and Worker Protection Train the Trainer at the UF/IFAS Extension—Orange County Office in Orlando

**October 31** Farm Safety Day at the UF/IFAS Extension—Lake County Office in Tavares

**November 21** Citrus Growers Southwest Florida Field Trip
Next CHMA Coordinated Spray is Planned

www.flchma.com

August 2014 Central Florida CHMA
Coordinated Application Information

The schedule for the next coordinated Asian citrus psyllid spray application is as follows:

1. The **South Lake/West Orange County and Green Swamp CHMAs** will make a coordinated spray of an Organophosphate insecticide on **July 28 to August 4, 2014**.
2. Local citrus grower, Rex Clonts, is coordinating an aerial application of an insecticide containing the active ingredient malathion during the next coordinated spray in the **South Lake/West Orange County and Green Swamp CHMAs**. Please contact Rex at wrclonts@yahoo.com for information about participating in the helicopter application.
3. The **Central Lake/North Orange County and North Lake/South Marion County CHMAs** will make a coordinated spray of an Organophosphate insecticide on **August 4 to August 11, 2014**.
4. Additional coordinated CHMA applications in 2014:
   - Early November 2014—Pyrethroid

Additional information on [www.flchma.com](http://www.flchma.com)

**Post Bloom Fruit Drop is Back**

After little mention by growers for several years, post bloom fruit drop (PFD) has apparently reappeared. It is possible that the higher than normal rainfall during bloom in areas, especially west central and central Florida were a factor in the severity of the disease this year. Navel seemed to most affected, followed by Valencia and Hamlin. Dr. Megan Dewdney is conducting a survey about PFD in which all growers are encourage to participate by clicking here: [PFD Survey](http://www.flchma.com). This will be extremely important in assessing the problem and attaining solutions.
Citrus Expo is Just Around the Corner

For additional information please visit: http://www.citrusexpo.net/index.html

From Roots to Fruit
23rd Annual Citrus Expo™ Seminar Program

This year’s seminar program offers a powerful prescription for growers to help keep their groves healthy and strong. Those attending the full program will be eligible to earn six CEUs.

To pre-register and for more information, visit www.CitrusExpo.net, call 352.671.1100 or e-mail CitrusExpo@SoutheastAgNet.com

<table>
<thead>
<tr>
<th>WEDNESDAY, AUGUST 13 Morning Session (9:30 a.m.-noon)</th>
<th>WEDNESDAY, AUGUST 13 Afternoon Session (2:00 p.m.-4:00 p.m.)</th>
<th>THURSDAY, AUGUST 14 Morning Session (9:00 a.m.-noon)</th>
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<tr>
<td>FUNDING AGENCIES AND TRIAL UPDATES</td>
<td>WHAT’S WORKING WELL OR WHAT WE ARE REJECTING WITH WIDESPREAD HLB</td>
<td>UPDATES ON PRODUCTION MANAGEMENT</td>
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<td>9:30 Multi-agency coordination and shovel ready projects</td>
<td>2:15 Introduction to Forum</td>
<td>9:30 Pest management, citrus bloom and pollinators planning ahead for 2015</td>
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<td>Specialty Crop Research Initiative research and funding priorities</td>
<td>2:30 Southern Gardens</td>
<td>10:10 Biology of roots and timing of Las movement</td>
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<tr>
<td>10:10 Citrus Research and Development</td>
<td>2:50 A. Dundu &amp; Sons, Inc.</td>
<td>10:35 Methods of root sampling and interpreting what we know</td>
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<td>Foundation, Commercial Product</td>
<td>3:05 Grower Panel</td>
<td>10:55 Managing Disparper root weevil damage</td>
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<td>Delivery Committee research trials</td>
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<td>11:15 Water quality and irrigation scheduling in relation to HLB</td>
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<td>INTENSIVE CITRUS MANAGEMENT STRATEGIES IN THE ERA OF HLB</td>
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<td>11:40 HLB interactions with Phytophthora and root stress</td>
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<td>10:30 Precision strategies for water and nutrient management</td>
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<td>Noon Lunch – Stay for Steak</td>
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<td>11:00 Citrus underproduction production system update</td>
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<tr>
<td>11:25 Opportunities for disease and stress surveying</td>
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<td>Noon Lunch – Grilled Chicken</td>
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Citrus Expo™ and Citrus Industry magazine wish to express appreciation to the following organizations for their collective program planning input and promotional support: University of Florida • Gulf Citrus Growers Association, Inc. • Highlands County Citrus Growers • Indian River Citrus League • Peace River Valley Citrus Growers Association • Citrus Research and Development Foundation

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<tr>
<td>John Dow® gun safe sponsored by Everglades</td>
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<td>Only pre-registered growers are eligible.</td>
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<tr>
<td>Drawing at noon, August 13.</td>
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<tr>
<td>Visit Everglades Farm Equipment booth 300 and 301.</td>
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<td>Must be present to win.</td>
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<td>Citrus Expo Legion</td>
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<td>Gulf Citrus Industry Banquet</td>
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<td>Methods of Citrus Treatment</td>
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<th>HOTELS</th>
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<tr>
<td>Holiday Inn Fort Myers at Town Center Phone: 239-543-2200. Ask for the ISO rate. Group Code CIT</td>
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<tr>
<td>Hilton Garden Inn Fort Myers Airport (FOCU) Phone: 239-210-7200. Ask for the 925 Citrus Expo rate</td>
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<tr>
<td>Conroy by Marriott Fort Myers Phone: 239-532-4141. Ask for the $109 Citrus Expo rate</td>
</tr>
<tr>
<td>Home2Suites by Hilton Fort Myers Phone: 239-210-7200. Ask for the 959 Citrus Expo rate</td>
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<td>All hotels located off I-75, Exit 128</td>
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To reserve a room online or for more information, visit: www.CitrusExpo.net/Lodging
Is there an “El Niño” in the Cards for This Winter?

The latest forecast from the National Oceanic and Atmospheric Administration (NOAA) Website indicates that the National Weather Service (NWS) Climate Prediction Center is calling for a 70% probability for an El Niño climate phase being initiated during the remainder of the summer with an increased chance of 80% for the fall and early winter. The proper terminology for this climatological phenomenon is El Niño Southern Oscillation (ENSO). ENSO is climatological conditions in the continental US that tend to be closely correlated with elevated ocean temperatures in the equatorial region of the southern Pacific.

The main climatological events affecting Florida and the southeastern United States during and ENSO are cooler temperatures and increased precipitation. At this time the NWS Forecast for this particular ENSO cycle is calling for it to peak as a weak to moderate event during the late fall into early winter. Those that remember the ENSO of early 1998, recall that precipitation was very heavy and temperatures were cool, with few freeze events. The early 1998 ENSO was referred to as a record breaker, including a ranking as the wettest weather for the same period over a 103 year time frame in the southeast. A recap of that event is available at: http://www1.ncdc.noaa.gov/pub/data/techrpts/tr9802/tr9802.pdf

At least at this time, we should not anticipate such extreme weather conditions but we can probably expect it to be wetter and cooler than normal. What does this mean for fruit crop development in central Florida? We will have to see ENSO affects citrus flower bud induction. Higher rainfall than normal during citrus bloom could also worsen the affects of post bloom fruit drop. For blueberries and peaches, there could be some good and bad outcomes. Some good aspects of ENSO are the probability of cooler weather during the dormant period to meet chill requirements and the lower probability of devastating freezes during the period. Some potential bad effects related to ENSO conditions for these crops could be cooler than normal temperatures extending into the early spring and slowing crop development and the combination of cool temperatures and excessive rainfall affecting pollination. The good news is that the forecast is indicating climatological conditions related to ENSO only lasting for a brief period into the new year. Perhaps we will have the best of both worlds, with adequate chilling during ENSO and normal temperatures and rainfall as citrus, blueberry and peach crops enter the bloom.

The best resource for staying up to date with climatological indices is the AgroClimate Website: http://agroclimate.org/
Florida Small Farms and Alternative Enterprises Conference:
“Embracing Opportunities, Boosting Profits”

Embrace opportunities and boost profits by attending the
6th Annual Florida Small Farms and Alternative Enterprises Conference
On August 1-2, 2014
Early Registration Deadline: July 14, 2014

Gainesville, FL: The University of Florida’s (UF) Institute of Food and Agricultural Sciences (IFAS) and Florida A&M University’s (FAMU) Small Farms and Alternative Enterprises Focus Team are pleased to announce that the sixth annual Florida Small Farms and Alternative Enterprises Conference will be held in Kissimmee, Florida August 1-2.

Through educational sessions led by farmers, industry experts and noted researchers from Florida and across the nation, the annual Florida Small Farms and Alternative Enterprises Conference provides opportunities for attendees to learn about groundbreaking research and access educational support on a range of important topics for organic and conventional specialty crops (fruits and vegetables), livestock, and greenhouse hydroponic systems.

Our goal is to provide interactive programming that puts new tools and information in your pocket for your immediate use on farm in a fun and relaxed atmosphere. Some of this year’s sessions include:

• Managing a Successful Online Market
• Alternative Fruit Production
• Postharvest Handling and Cooling of Specialty Crops
• Hydroponic Nutrient Management for the South
• Transitioning to USDA Organic Certification: The Benefits, Challenges, and Processes
• What’s Bugging You? Identifying Insects and Diseases
• Safe Handling of Dressed Poultry
• Weed Identification and Management
• Develop and Implement a Fertility Plan in Certified Organic & Sustainable Vegetable Systems and Soil Health for the Tropics/Subtropics
• Handling Beef Cattle: How to Work Cows Properly
• From Hobby Farm to a Profitable Florida Goat Industry And many more!

This year’s conference also includes:

• Optional Pre-Conference Tours: Urban Farming (Full), Farm to Chef Tours (limited availability) and Livestock Tour Innovative Farmer Awards
• Signature Luncheon - Florida’s Finest: A Celebration of Local Food
• Educational Posters
• Large Exhibition Showcasing Products and Technologies
• A new hydroponic and urban agriculture exhibition area named “The Extension Learning Zone”
• Networking Opportunities

Check out the agenda, session descriptions and register online at
www.conference.ifas.ufl.edu/smallfarms

For more information on this year’s Conference, contact Mandy Stace, Conference Coordinator, or contact Jose Perez at 352-294-1692
https://www.facebook.com/FL.SFAEC
Pomegranates After 4 Years

At the
McTeer Farms, Inc.
3901 Hatchineha Road, Haines City, FL 33844
10:30am - 3:00pm --- August 22, 2014

The Florida Pomegranate Association invites you to attend “Pomegranates After 4 Years” at the McTeer Farms Friday August 22, 2014. McTeers' pomegranate field will be open to the public 10:30am – 12:00pm. Pomegranate grower Emory McTeer will be onsite to talk to you about his 40 varieties of pomegranates, and how he cares for them.

Dr. Bill Castle as well as staff members from GCREC will be available to answer questions.

If you are interested in pomegranate growing, this is a must attend event.

Lunch will be served at Floridino's in Lake Hamilton starting at 12:30pm-3:00pm. Growers can mingle and meet with other pomegranate growers and learn from each other.

Floridino’s, 29400 US Hwy 27, Lake Hamilton, FL 33851

The drive from McTeer Farms to Floridino's Restaurant is approx. 8 minutes (4 miles)

Registration

FPA Member $15.00

Guest $20.00

On line registration is available at:
www.FPA2014fieldday.eventbrite.com

If you would like to pay by check please fill out the Registration Form below.
Send form and check, payable to Florida Pomegranate Association, to:
FPA, 6360 Johnston Rd, Zolfo Springs, FL 33890

(Continued)
Registration Form
Pomegranates After 4 Years
Send to: FPA, 6360 Johnston Rd., Zolfo Springs, FL 33890

NAME OF ATTENDEE(S)________________________________________
____________________________________________________________
COMPANY AFFILIATION________________________________________
EMAIL ADDRESS______________________________________________
TELEPHONE No________________________________________________
MAILING ADDRESS____________________________________________

Number of **MEMBER TICKET(S)** purchasing @ $15.00

1 OR 2 Total Member(s) $__________
Number of **GUEST TICKET(S)** purchasing @ $20.00

1 2 3 4 5 Other_______ Total Guest $__________

**TOTAL ENCLOSED** $__________
Checks payable to: Florida Pomegranate Association

**Send payment to:**
FPA, 6360 Johnston Road, Zolfo Springs, FL 33890

Have a question or need more information Contact:
flpomegranate@gmail.com
863-604-3778 - Cindy Weinstein
CHMA Map of the Month

The map below is for the **Northeast Polk CHMA** through July 4. This CHMA is just to the south but has groves with similar urban interface as our area and is apparently doing a good job of psyllid management. 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

Central Florida Citruslines and Fruit Crops Update is published 6 times a year by the Central Florida Fruit Crops Advisory Committee and Central Florida Fruit Crops Extension Program:

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