

Peace River Valley Citrus Growers Association

Area CHMAs Organized



Coordination of psyllid control between growers is an idea continuing to gain popularity. Most growers believe coordination efforts will provide better kill effectiveness and hope the cooperative effort will eventually lead to cost savings as well. Growers already participating in these organized efforts or Citrus Health Management Areas (CHMAs) tout the effectiveness of the tool.

In an industry wide effort, with state and federal assistance, the entire citrus growing area will be within

the boundary of a localized CHMA. Several individually organized CHMAs are in operation within PRVCGA’s region. Within those CHMAs growers are convinced the effort is improving their odds of combating HLB by reducing the disease spreading psyllid populations in their groves.

As reported in last month’s *Citrus Grower*, Hardee County growers, caretakers and Multi-County Citrus Agent, Steve Futch formalized CHMAs by dividing Hardee County into four quadrants—NE, NW, SE and SW. Each area will have a volunteer

coordinator to assist in coordination and timing of applications.

The state and federal government are partnering with UF/IFAS to assist the industry with scouting and information flow regarding psyllid populations. To assist with dissemination of information, IFAS is hosting a web site—www.flchma.org. Information gathered is designed to help growers recognize the appropriate time to act and may also help researchers learn more about psyllid, as well as document the success of the coordinated efforts.

See “CHMAs” on page 7

Legislation Circumvents Grower Input



Legislation posed by Senator J.D. Alexander at the 11th hour of Florida’s Legislative Session surprised the industry. The language inserted into the Florida Department of Agriculture’s budget has created a great deal of controversy.

Items changed in the operations of the Florida Department of Citrus include:

- ◆ No tax increase may be

levied by the Florida Citrus Commission without Legislative approval.

- ◆ Citrus producing districts are reduced from four to three moving boundary lines and in some cases altering representation on the Florida Citrus Commission.
- ◆ Terms of all Florida Citrus Commissioners currently serving will expire and the Governor will have to reappoint them, if he so desires.

- ◆ The Executive Director of the Florida Department of Citrus will also be term limited, and will be confirmed by the Senate.

Changes to the citrus rules within Florida Statutes, Chapter 601 have historically been changed after all Florida growers have had the opportunity for input & the issue has undergone

See “Legislation” on Page 7

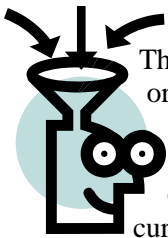
Volume 18, No. 5
May 2011

- Points of Interest:**
- Area CHMAs Organized*
 - Legislation Circumvents Grower Input*
 - CRDF Update*
 - Grower Institute Provides Knowledge*

Inside this issue:

| | |
|---|----|
| <i>Grower Institute Provides Knowledge</i> | 2 |
| <i>Governing Board Appointments</i> | 3 |
| <i>Extension Needs Input</i> | 3 |
| <i>Congratulations Jackie!</i> | 3 |
| <i>Buchanan Holds Small Business Forums</i> | 3 |
| <i>Members in the News</i> | 3 |
| <i>Educational Opportunities</i> | 4 |
| <i>2011 Associate Members</i> | 5 |
| <i>CRDF Update</i> | 6 |
| <i>2011 Citrus Expo</i> | 6 |
| <i>CHMAs Continued</i> | 7 |
| <i>Legislation Continued</i> | 7 |
| <i>CHMA Timetable</i> | 8 |
| <i>People, Places & Things</i> | 9 |
| <i>PRVCGA Board Mtg.</i> | 9 |
| <i>G.P. Solutions</i> | 10 |

Grower Institute Provides Knowledge



The 2011 Grower Institute organized by UF/IFAS Extension provided a wealth of information on the status of research currently underway. In looking for an answer to overcoming HLB, the research community has been looking for answers in the host plant, the pathogen and the vector.

These three topics morph into a variety of possibilities when you begin to consider the interaction between each of these three. The questions are mind boggling.

However, thanks to the initiative of the industry organizing a world class effort, we are beginning to learn more about this mysterious disease and its interaction with trees and psyllid.

During the day information was also presented on how to bridge the time gap between today and the ultimate answer. More and more growers are coming to that magic number in their head where they abandon removing infected trees and begin to find a way to stay in business until the final answer can be determined. For many growers, this bridge is found in the use of nutritional programs.

Information on this type of research was also presented.

Obviously, we cannot encompass eight hours of information inside this newsletter. Instead, below we will share some snippets of information gleaned from the many presentations.

All of the presentations were video tapped and are available for viewing on the IFAS EDIS web site.

We encourage all growers to watch the presentations in their entirety to assure they understand any and all information in the context it was presented.

Grower Institute Factoids

Interaction between Psyllid & HLB:

- ◆ Psyllid feeding for longer times on infected plants, significantly increases the number of infected psyllid-or increases the psyllid infection rate. Higher temps = higher infection rate.
- ◆ 6-7% infection rates of plants being fed on for 15 days.
- ◆ Suggests psyllid (infection inside them) is decreasing overtime. More research is being done.
- ◆ Healthy Psyllid doesn't produce as many eggs.
- ◆ Acquisition is greater during Nymph stages.
- ◆ More likely to acquire disease and to produce eggs above 60 degrees to 93degrees. (Consistent Temps)

Citrus Health Management Areas

- ◆ Psyllid movement between groves is frequent. (Tests showed 20% of psyllid are from Neighbor grove and vice versa.)

Insecticide Resistance & Susceptibility of Uninfected Psyllid

- ◆ Varying levels of resistance detected at sights.
- ◆ 100 fold resistance in 5 generations.
- ◆ Rotation of chemistry is important to future kill success.
- ◆ Don't cut rates or skip rows, especially on low volume.
- ◆ OPs & carbamates are similar so be careful of timing.

Viral Vectors and Prospects for

HLB (Using antimicrobial peptide viruses to fight HLB)

- ◆ Can be done from nursery stock or in the field to mature trees.
- ◆ Disadvantage of the vectors – the tree will not keep the virus. It will eventually fight it and kill it.
- ◆ This same thing is a plus for the environment as it does remain.
- ◆ Has to be approved through FDA and many other state and federal agencies.
- ◆ Attempts have been made for three years to get approval for a field test. Approval just received.

RANi (robo Nuclayic Acid Interruption) Strategy to Control Insect Pests

- ◆ Natural, highly specific, non-transgenic fast moving technology.
- ◆ In field trials you can detect RANi effect for three months.
- ◆ We now know the gene will move within insects so it could be used to mutate the insect, stopping wing growth or salivary gland development, etc.
- ◆ Working on delivery systems.
- ◆ 3-5 years to get through regulatory process.

Managing HLB with Plant Nutrition

- ◆ HLB causes increase of K and decreased Ca & Mag

- ◆ Leaf Zn content lowers
- ◆ Leaf B content lowers, as well as Mn, Mg - Next Question is Why?
- ◆ Historical research showed Potassium improved plant health 65% of the time.
- ◆ It is important to keep everything in balance.

Individual tree Yield data:

- ◆ Total yield changes each year but size & quality of fruit stays consistent.
- ◆ Any nutrients applied to leaves should be taken out of ground applications.

Foliar Nutrition Therapies—Root study conclusion:

- ◆ Nutrition works-macro & micro nutrients
- ◆ Phosphate increases yield
- ◆ SARS stimulate growth, but effect on HLB is uncertain.
- ◆ Hydrogen Peroxide-no HLB effect.
- ◆ Trees with HLB are less tolerant to stress.
- ◆ Preliminary data suggest Phloem is functional.

Effect of Soil Applied & Foliar Insecticides on Psyllid Feeding presented by Rosana Serikawa contained product specific information. Growers should watch the video to fully understand the context of her study.

Governing Board Appointments



Governor Rick Scott has reappointed Albert Joerger, H. Paul Senft, and Doug Tharp to the Governing Board of the Southwest Florida Water Management District.

Joerger, of Sarasota, is the founder and president of The Conservation Foundation of the Gulf Coast.

Senft, of Haines City, is a self-

employed business and insurance consultant.

Tharp, of the Villages, is a retired industrial engineer. All three gentlemen are reappointed for a term beginning April 26, 2011, and ending March 1, 2015.

The reappointments are subject to confirmation by the Florida Senate.

Extension Needs Your Input

The University of Florida, Institute of Food & Agricultural Resources, Extension Services are conducting listening sessions. The sessions are designed to develop plans for educational sessions to be offered in the next decade. Their goal is to meet all the challenges growers are facing and enhance program delivery. Grower input would be greatly appreciated by the Extension office.

The listening sessions have been held at all of our county offices with the exception of Sarasota County. Their session will be held May 19 at 9:00 a.m. at the County Extension Office.

You can still provide input to them or any of the other county office through mail or the internet. They are also open to input regarding the entire system rather than individual office programs.

Please take the time to go online and fill out the survey at:

<http://SolutionsForYourLife.com>
or contact Millie Ferrer-Chancy,
Interim Dean for Extension at:
University of Florida
P.O. Box 110285
Gainesville, Florida 32611

Congratulations to Dr. Jackie Burns who was recently selected Center Director of the Citrus Research & Education Center in Lake Alfred.



Buchanan to Hold Small Business Forums

Congressman Vern Buchanan (FL-13) has arranged for Small Business Administration Senior Area Manager, Robert Chavarri, U.S. Department of Commerce Representative, Renee Osborn, and a representative from the U.S. Department of Agriculture Rural Development to discuss federal resources to help small businesses create jobs and boost the economy. Events will be held on the following dates and locations. Reservations are



requested.

May 9: The council chambers of Venice City Hall, 401 West Venice Avenue, Venice at 11 a.m. Please call (941) 951-6643 to RSVP.

May 10: Peace River Electric Cooperative, 210 Metheny Road, Wauchula beginning at 11 a.m. Please call (941) 747-9081.

Family Service Center, 310 West Whidden Street, Arcadia beginning at 2:30 p.m. Please call (941) 951-6643.

Members in the News

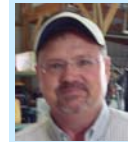


PRVCGA member Paul Meador provides a mechanical harvesting progress report in Citrus Industry Online. The interview can be found at <http://southeastagnet.com/category/citrus>.

Joe L. Davis, Sr. is featured in the Herald Advocate's "Pages from the Past". He's shown admiring an 11 point deer killed in his Desoto County grove.



Bart Hoopingarner was featured in "Florida Grower's In Focus" interview. Bart is the Territory manager for Gowan.



Joshua Citrus was featured in the Arcadian in a "Shop Local" feature. The article touches on how fortunate we are to have locally grown citrus.



Dr. Barbara Carlton's picture in the Herald Advocate shows her with "Lady Gaga", a nearly 19 lb. gobbler taken in March.



Duck Smith was a special honoree at the Heartland Chorale presentation of "Precious Memories".



World War II Veterans Ray Grimes and his brother Murray are being flown to Washington D.C. on an expense paid trip by the Hardee Rotary Club. Nine Hardee County WWII vets are being honored with the trip.



Educational Opportunities

Tree Nutrition Guidelines



The timeframe between February and June is when citrus trees demand 2/3 to 3/4 of their yearly fertilizer needs. "Nutrition of Florida Citrus Trees, 2nd Edition" by Thomas A. Obreza and Kelly T. Morgan is available at <http://edis.ifas.ufl.edu/pdf/files/SS/SS47800.pdf> as a resource document.

Small Farms Conference

The FL Small Farms & Alternative Enterprises Conference will be July 15-17 in Kissimmee. For more info visit www.smallfarms.ifas.ufl.edu.



Disease Workshop

The Research & Education Center in Immokalee presents Management of Citrus Diseases, May 26 from 10 a.m. until noon. The featured diseases will be blight, CVC and leprosis. RSVP to (863)674-4092 or maz@ufl.edu.

Water Laws Conference

There is a "Florida Water Law- Water Supply, Water Quality, & Public/Private Partnership" conference May 19-20 at the Sheraton Riverwalk Hotel in Tampa. The conference will center around the latest water laws and regulations. Contact the office if you would like to be sent a brochure.



Field Day

The Mid Florida Citrus Foundation Field Day at Conservation II will be May 10 in Winter Haven. The program will begin at 9 a.m. and will compare the top four nutritional programs being used by growers today. Pre-register at: <http://www.eventbrite.com/event/1351148321/mcivte>. Grower Joe Davis, Jr. has recently toured the Foundation grove,



highly praises the work being done by the Foundation's board and recommends attending the field day.

Pesticide License Review

A pesticide license review and testing class will be May 11 at the Hardee Co. Extension Service at 9 a.m. Three CEU's will be offered. The registration fee for study materials and refreshments is \$38; registration just to obtain CEU's is \$5. To register call (863) 773-2164.



Florida Hort. Society Mtg.

The Florida State Horticultural Society will hold its annual meeting June 5 - 7, at The Marriott Vinoy Renaissance St. Petersburg Resort & Golf Club in St. Petersburg. For details and online registration, please visit <http://www.fshs.org>.

IFAS on Facebook

Jack Payne, Senior Vice President of Agriculture and Natural Resources, UF/IFAS invites you to use Facebook to interact with and learn more about the successes of IFAS through this popular form of social media. If you are a Facebook user, look up IFAS and become a fan.



QuickBooks Courses

South Florida Community College is offering Introduction to QuickBooks (CRN #30746) June 21 & 23 and Intermediate QB (CRN #30747) June 28 & 30. The cost is \$130 for each class. Both levels will span from 7-9 p.m. and be held at the Lake Placid campus. Call Lorrie Key at (863) 784-7033 for more information.

Certified Pile Burner Course

A Certified Pile Burner Class has been scheduled for Wednesday August 17, 2011 at the Bert J. Harris, Jr. Ag Center in Sebring. For details on the 8 hour class, registration forms, etc. go to either http://www.fl-dof.com/training_education/training_schedule.html or <http://highlands.ifas.ufl.edu/>.



Registration is \$50, class size is limited to 50. A Certified Pile Burner can receive permits and priority to complete burns under less desirable, dryer, weather conditions. They can receive multiple permits for burns and can burn two hours longer per day. This year the legislature has authorized a waiver of liability for damage or injury caused by a fire or resulting smoke provided the certified pile burner conducted the fire in accordance with certified pile burner standards, unless gross negligence is proven. For more information contact Tim Hurner, Highlands County, UF/IFAS, (863) 402-7150 or email: plowboy@ufl.edu.

Summits Available Online

If you were not able to attend the State of the Science-Phosphate and Mining Conference or the Charlotte Harbor Watershed Summit, view the presentations online at <http://www.chnep.org/Events/Summit11/Summit11.htm>. The two events were packed with need to know information on our watershed.



WPS Train-The-Trainer

This class will be offered in Manatee County on an as needed basis. Please call Crystal if interested at (941) 722-4524. For other WPS workshops visit: <http://www.flaes.org/upcomingmeetingsandworkshops.html>.



Webinar on I-9 Basics

Join this free webinar May 24 "I-9 Basics: Be Prepared For An Audit". Visit <http://www.growingproduce.com/news/?storyid=5468> for more details and to register.



FSHS Conference

For information about the Florida State Horticultural Society Meeting June 5-7 visit www.fshs.org or contact Mark Ritenour, Ph.D. at ritenour@ufl.edu.

2011 PRVCGA Associate Members

| | | |
|---|--|--|
| Aglime Sales, Inc. | First National Bank of Wauchula | ORO-Agri, Inc. |
| AgraQuest, Inc. | First State Bank of Arcadia | Pantuso, Inc. |
| Agricultural Services International | Flatwoods Consulting Group | Pavese Law Firm |
| Bayer Crop Science | Florida Agribusiness LLC | Peace River Citrus Products, Inc. |
| Brandt | Florida Citrus Mutual | Progressive Water Resources, LLC |
| Bright Tiger, LLC | Florida Citrus Service, Inc. | Raymond James & Associates |
| Bright Leaf Citrus Nursery | Florida Fuel of Hardee County, Inc. | Root Solutions |
| BV Oil Company | Florida Grower Magazine | Russ Groves Service, Inc. |
| C.W. Harrison, Inc. | Florida Orange Marketers, Inc. | Southeast AgNet/Citrus Industry |
| Calusa Helicopters | Florikan | Southern Gardens Citrus Processing |
| Carden & Associates, Inc. | G.P. Solutions | Stallings Crop Insurance, Inc. |
| Carlton Law Firm, P.A. | George Mason Citrus, Inc. | Steele Truck Center, Inc. |
| CF Industries | GOWAN Co. | Sun Ag, Inc. |
| Chemical Containers, Inc. | Growers Fertilizer Corp. | Sunbelt Research & Development |
| Citrus Solutions, LLC | GSI Supply, Inc. | SunTrust Bank |
| Conley Grove Service, Inc. | Gulf Citrus Management, Inc. | Suntrust Investment Services, Inc. |
| Crop Protection Services | Hackney, Ames & Heitman P.A. | Syngenta Crop Protection, Inc. |
| Custom Harvest Insurance LTD. | Hardee County Farm Bureau | The Andersons, Inc. |
| Cutrale Citrus Juices USA, Inc. | Heller Bros. Packing Corp. | The Avanti Company |
| David Cannon Well Drilling | Howard Fertilizer and Chemical | Tranex <small>d/b/a</small> Valencia Harvesting |
| DeSoto Automotive, Inc. | Johnson Harvesting, Inc. | Triangle Chemical Company |
| DeSoto Insurance Agency, Inc. | Joshua Citrus, Inc. | Tropicana Products |
| DeSoto Machine Shop/Triangle | Joshua Water Control District | United Irrigation Supply |
| DLF International, Inc. | Keyplex | Wauchula State Bank |
| Dunson Harvesting, Inc. | Krause Grove Service, Inc. | Wedgworth's, Inc. |
| E Co Consultants, Inc. | L. Dicks, Inc. | Yara North America, LTD. |
| EKC Citrus Growers, Inc. | Locher Environmental Tech, LLC. | |
| Environmental Consulting & Technology Inc. | Louis Dreyfus Citrus | |
| Everglades Harvesting & Hauling | Lykes Insurance, Inc. | |
| Farkas Citrus Nursery | Maassen Oil Company, Inc. | |
| Farm Credit of Florida | Martin Realty Fla, Inc. | |
| Fields Equipment Co., Inc. | McGladrey | |
| | Monsanto | |



Growers:

Please help us obtain new Associate Members by using the postal cards sent with your membership stickers.

This small effort by you will produce large results for PRVCGA!

CRDF Update

The Citrus Research & Development Foundation actions for the month include:

⇒\$89,000 approved for IFAS' organization of the CHMAs. The cost will cover a portion of Dr. Michael Rogers salary, Senior biologist, the CHMA web site and the cost of Extension agents helping in the field. Cost of the CHMA

coordinator was deducted from the budget in hopes it will be supported with state & federal funding.



⇒Consolidation of the Florida Citrus Research Coordinating Council was approved, without a coinciding budget.

⇒The posting for an Executive

Director will close May 18, and the Governance Committee will meet May 19 to review the candidates.

⇒The search for additional funding from government or grant sources is proving unsuccessful. Board members will refocus to industry partners for additional research funding.

Celebrating Our
20th Anniversary
CITRUS EXPOSM

***Proactive Innovations
for a Positive Future***

Save the dates

**Come and celebrate
Citrus Expo's 20th Anniversary!**

Aug. 17-18 Lee Civic Center, Fort Myers

**For more information about attending,
exhibiting and sponsorship, contact:**
Citrus Expo at 352-671-1909
or CitrusExpo@SoutheastAgNet.com
www.CitrusExpo.net

CHMAs Continued from Page 1

The CHMAs are in the early planning stages. Some CHMAs organized individually by growers have moved to the formalized plan and have a head start on the process. Other CHMAs are nothing more than lines on a map. The process is a good one and will gain momentum as it is organized.

Growers will be urged to spray within a designated timeframe using a particular chemical class. How the sprays are completed or the specific product will not be organized. It is up to grower discretion. By organizing the timeframe and the chemistry, it is hoped resistance to products will be limited and the kill rate will improve.

Hardee County growers can contact their volunteer co-captains for help in getting into the swing of things. They are:

Northwest Quadrant:

Roger Conley — rogerkconley@aol.com or (863) 445-5506
Jared Revel — jrevell@howardfert.com or (863) 214-3027

Northeast Quadrant:

Roger Conley — rogerkconley@aol.com or (863) 445-5506
Darin Hughes — darin@krausegroveservice.com or (863) 781-0349
Carl Saunders — doublecc@embarqmail.com or (863) 781-5558

Southwest Quadrant:

Darin Hughes — darin@krausegroveservice.com or (863) 781-0349
Justin Smith — judgejustin@hotmail.com or (863) 781-3432

Southeast Quadrant:

Clay Chancey — cgcag@wildblue.net or (863) 445-4400

Keith Farr — kmfarr@embarqmail.com or (863) 781-1464
David Terrell — dbaterrell@yahoo.com or (863) 781-0536

On page 8, you will find the CHMA Guide to Developing a Pylloid Management Plan. This and another table outlining pesticide chemistry can be found on the CHMA website listed on the first page, within the CHMA tools. These can be used as a quick reference by growers.



We also suggest caretakers mail the documents to customers to help them understand the necessity of completing these activities. It is an informative third party document.

Legislation Continued from Page 1

vetting within the industry. This was not the case, creating more controversy than the changes themselves.

We believe Florida citrus growers hold the Citrus Advertising Trust Fund and control of those funds sacred. Changes within the Legislature without grower consent causes concern as to whether control of the grower paid monies are in danger of further governmental control or even raiding for other uses.



At the close of the Legislative Session Friday, May 6, the language remained in tack. The industry remained silent on the issue with the exception of two regional organizations. Gulf Citrus Growers Association supported the language and PRVCGA opposed the language. It should be noted, Florida Citrus Mutual has asked for grower input by attending and commenting

during their meeting Wednesday, May 11, in writing or to any of their board members.

You can be very proud of the PRVCGA board. In the face of adversity and political discord, they simply and clearly stood on their principals in support of grower control. In a letter to Florida Citrus Mutual they clearly state their concern, also sending the letter to their local legislators and Governor Rick Scott. It reads as follows:

Peace River Valley Citrus Growers Association's board of directors opposes any legislation diminishing grower control over the Florida Department of Citrus. Our industry invests much time educating Legislators who are not familiar with the Department on two key issues. First, the growers self tax to fund all activities of the Florida Department of Citrus—marketing, research and administration. Secondly, we impress upon them

the sanctity of those funds in the minds of growers, and control of those funds at the hands of Florida growers. Creating additional legislative oversight would be setting a precedence of utmost concern to our members.

As the entity overseeing state legislative matters, we feel it is imperative you are aware of these concerns. It is surprising at a time when Governor Scott and the Florida Legislature appear to be extremely focused on reducing regulation for Floridians, the Florida citrus industry would be under threat of increased and unnecessary governmental control.

We offer our assistance in any manner needed and our support in assuring the Florida citrus growers maintain control of the Florida Department of Citrus financially and administratively.



Citrus Health Management Areas (CHMA's): Guide to developing a psyllid management plan

Michael E. Rogers, Philip A. Stansly and Lukasz L. Stelinski

Table 1: Planning template for CHMAs where most fruit harvesting expected in the months of Jan, Feb, Mar, May or June

| Month | Timing | Product ³ | Comments |
|----------------------|----------------------------------|------------------------------|---|
| November / December | After last flush of the season | Organophosphate ¹ | *Optimal time for coordinated spray*; first dormant spray; serves as a clean up spray to eliminate adult ACP going into the overwintering period. |
| January / February | Prior to first flush of season | Pyrethroid ² | *Optimal time for coordinated spray*; second dormant spray; prior to first flush in spring control ACP that overwintered as adults or reproduced on unexpected winter flushes. |
| March (bloom period) | Depending on pest pressure | several options | Do not use pyrethroid since previously used. Do not use an organophosphate which is planned for the next application. Products that can be sprayed during bloom include Micromite and Portal but should only be applied when new flush is present since these products only control psyllid nymphs (not adults). |
| April | Immediately post bloom | Organophosphate ¹ | *Possible time for coordinated spray using an OP*; this time is the first opportunity to control adult psyllids that developed on flush associated with bloom when most insecticides cannot be applied due to label restrictions preventing application during bloom. Growers in CHMAs not participating in a coordinated spray at this time may choose to use a product with a different mode of action. |
| May | Depending on pest pressure | Various options | Could use a pyrethroid since not previously used. Other options include Movento, Delegate (if leafminer present) or carbaryl. |
| June | 1 st summer oil spray | Various options | Depending on the product used in the previous spray, numerous products (see Table 2) could be added to the summer oil sprays as well as tank mixed with other products |
| July | 2 nd summer oil spray | Various options | depending on the life stages of psyllid controlled by each product and other pests requiring control such as leafminer or rust mites. During this time it may be difficult to coordinate sprays with the same mode of action, but coordination of the timing of summer oil sprays by growers within a CHMA could still be a feasible goal. |
| August / September | Prior to fall flush | Pyrethroid ² | *Possible time for coordinated spray using a pyrethroid*; Control psyllids that may have developed on sporadic summer flushes prior to the fall flush period when psyllid populations can rapidly increase. Growers in CHMAs not participating in a coordinated spray at this time may choose to use a product with a different mode of action. |
| October | Depending on pest pressure | Various options | Do not use pyrethroid since previously used. Do not use an organophosphate which is planned for next application. Options include Movento, Delegate, and carbaryl. |

¹ Organophosphate insecticides that can be used for psyllid control include Dimethoate, Imidan, Lorsban, Malathion and various generic formulations of these products.

² Pyrethroid insecticides currently registered for use in Florida citrus include Danitol and Mustang.

³ Refer to Table 2 for information on product rates, application methods, psyllid life stages controlled and effective application methods.

People, Places, & Things

The USDA released the monthly crop estimate update. All orange production resulted unchanged. The current estimate remains at 142 million boxes. The report can be viewed at http://www.nass.usda.gov/Statistics_by_State/Florida/Publications/Citrus/cit/2010-11/cit0311.pdf The next USDA forecast update will be released May 11. Visit http://www.nass.usda.gov/Statistics_by_State/Florida/Publications/Citrus/cfpf.htm to review the report. **Southeast AgNet** is providing "live" online coverage of the monthly citrus forecast updates. Visit southeastagnet.com to listen.

The **2011 Crop Protection Handbook** is now available for ordering by visiting www.cropprotectionhandbook.com.

The **Florida Citrus Industry Research Coordinating Council** has posted its latest Annual Report. View it at www.fdocgrower.com.

Syngenta Crop Protection recently received approval for a new insecticide, Agri-Mek SC, from the EPA. It is labeled for use on citrus and vegetable crops. State registrations are still pending, so be sure to check to determine registration status. The formula offers the convenience of flexible timing and application methods. For more information visit www.syngenta.com.

Growth Products is expanding to include BioNutrients AG Soluble 8-1-9 to its product line. The product is a soil conditioner and biostimulant for all field crops. It works to speed germination, promotes stronger rooting, and increases bloom and fruit set. Visit www.growthproducts.com for more information.

The latest copy of the **Grower Research Report** from the Citrus Research Development Foundation is now available. The report list approved projects for this year. <http://www.citrusrdf.org/blog/>.

The fungicide, **Quadris**, from **Syngenta** has received Florida registration for citrus. The fungicide provides black spot control, rapid uptake, and broad-spectrum disease control. To learn more about Quadris, visit www.syngenta.com.

CHNEP is now accepting photos and artwork for the **CHNEP 2012 calendar**. All entries must be submitted by July 14 at 5 p.m. An entry form can be obtained at: <http://www.chnep.org/>.

Rucks Citrus Nursery is offering several new citrus selections ready for the field. A list of varieties is available by contacting the office. If the variety requires a growers license, contact Peter Chaires at the New Varieties Development and Management Corp. at (863) 682-0151 prior to contacting Rucks Citrus Nursery. If the variety does not require a contract contact Phillip Rucks at (863) 635-1948.

Greenbook is now offering a **2011 Crop Protection Reference Library**. The book includes 120 product labels from all major manufacturers and is a guide for controlling weeds, diseases and insects. Buy a copy of the book at <https://www.greenbook.net/shop/cart/shop.aspx?CategoryID=29>.

Continuing its investment in the future of agriculture, Syngenta is supporting the Florida Fruit & Vegetable Association's education scholarship. Applications are currently being accepted, and the \$5,000 scholarship is open to Florida high school seniors & college students interested in a career in agriculture. Submit applications by Aug. 19 at www.SyngentaFFVAScholarship.com. For additional info, please contact Dan Burke at (919) 870-5718 ordburke@gibbs-soell.com.

University of Florida President, Jack Payne announced completion of the interview process for Dean for the College of Agriculture & Life

Science. The four finalists' application materials & videos of their seminar presentations can be viewed at: <http://svp.ifas.ufl.edu/>. Payne commends the Search and Screen Committee for an admirable job in attracting these outstanding professionals to the position.

Mark your calendars now for the **Florida Citrus Conference** June 15-18 at the Coconut Pointe Hyatt in Bonita Springs. The conference is growing and becoming more popular each year. You won't want to miss this exciting event!

Phil Stansly, UF entomologist, recently discussed the **affects of insecticides and foliar nutrition on HLB infected trees**. The report can be heard on Citrus Industry Online at: <http://southeastagnet.com/2011/05/01/insecticides-foliar-nutrients-both-aid-hlb-infected-citrus/>.

July 7, **Water Choices III** will be held at the University of North Florida in Jacksonville. The conference will discuss the water ethics to help guide policies, politics, development, infrastructure, culture and community. To have an impact on the water issues that affect our quality of life, register http://floridaearth.org/index.cfm?fuseaction=events.one_event&event_id=99&x=9102153.



Join us at the Board Meeting
May 17 -9 a.m.
1st National Bank
Wauchula
Office, Arcadia

Peace River Valley Citrus Growers Association

6 East Oak Street
Arcadia, Florida 34266

Phone: 863-494-0061

Phone: 863-773-2644

Fax: 863-494-4976

E-mail: oj@prvcitrus.org



G.P. SOLUTIONS™

900 Cowboy Circle, Labelle, FL 33935

(863) 675-1500

www.Nitro30.com

Call Today!!

Mark White: (239) 214-1072

David Terrell: (863) 673-6257

Chris Kamberg: (863) 673-6327

Providing Nutritional Solutions To Customers in Florida..

Our technical representatives, are prepared to provide consulting services on vital topics such as canker and greening identifications, nutrition, disease, and pest identification free of charge to all of our valued customers. Soil and/or tissue analysis may be required to help identify the problem and both are available for our customers as well. With over 100,000 gallons of storage capacity, G.P. Solutions manufactures and delivers a variety of products specifically formulated to service Florida's agronomic and environmental conditions.



www.GrowthProducts.com