



## The Highlands County Citrus Extension Newsletter

# Highlands Citrus E-Talk

June 2009

Prepared by: **Tim Hurner,**  
**Multi-County Extension Citrus Agt. IV**  
**Highlands County**

### Attachments

There are several attachments to this newsletter. You will need to have Adobe Acrobat on your computer to read them. If you do not have Adobe Acrobat Reader on your computer, you will need to download it. The link for the Adobe Acrobat site is: <http://www.adobe.com/products/acrobat/readstep2.html>. There is no cost for the download.

### First Highlands Citrus Talk Newsletter Totally E-Mail

This is the first edition of the "Highlands Citrus E-Talk Newsletter" to go out totally via e-mail. There will not be a surface mail edition going out except to those who have responded to me that they either cannot receive e-mail or they would prefer to only receive a surface mail version.

This will allow me to continue this newsletter with only a miniscule postage budget.

Thank you for your cooperation

### Florida Citrus Greening Symposium on Web Site

Each of the presentations given at the Citrus Greening Symposium at the Florida Citrus Growers Institute held April 7 in Bartow are on the Fla. Citrus Extension Agents Web Site <http://citrusagents.ifas.ufl.edu/>.

The presentations can be viewed individually. All you have to do is select the presentation you wish to see, click on it, and see the presenter and the power point.

### Citrus Low Volume Technology

**What is it?** In the Low Volume Technology workshop presented here in March, several speakers pointed out that the correct term for the low volume application technology that we wish to use to combat psyllids and other citrus pests is "Low Volume Application/Misting". These sprays are applied at greater than 100 micron particle size, with volumes as low as 2 gallons per acre. This "misting" technology allows the pesticide to move at low volumes through the air into the citrus tree canopy and landing on citrus tree surfaces where it can contact or be picked up and kill the psyllid. The spray movement is limited and confined to where one finds psyllids in or on citrus trees. Fogging (sprays less than 100 micron particle size) tend to move longer distances and may

not effectively enter the canopy of a citrus tree, rather moving around or over it. The fogging spray is intended to move the pesticide further distances over larger areas where drift is desired in such applications as mosquito control. This “drift” could carry the pesticide to unwanted areas beyond the grove.

**What is needed?** To accommodate the use of pesticides to manage citrus psyllids at rates as low as 2 gallons per acre, almost all labeled pesticides effective in managing the citrus psyllid would require a label change. Pesticide manufacturers have been diligently working over the past few months to get low volume rates on their pesticide label.

**Where could Low Volume Pesticide Applications be used?** Low Volume Pesticide applications can be made using smaller spray equipment carried through the grove at higher speeds allowing more area coverage, in less time, at a lower volume, and less cost. With the re-colonization of psyllids in areas adjacent to groves after a grove spray application resulting re-infestation of the grove in border areas one could re-spray borders effectively in a shorter period of time at a lower cost and hence delaying another “total grove” spray. Also, a grower could spray areas more frequently, where more citrus greening has been found and symptomatic trees removed (hot spots). This would lessen the chance that the bacteria could be acquired and transmitted by psyllids from non symptomatic HLB positive trees that may remain in the area.

**What Pesticides can now be used low volume?** Department of Agriculture, “Special Local Need”, 24© or similar labels have been granted for several products including Sevin, Malathion, Danitol 2.4 EC, Delegate WG, dimethoate, and petroleum oil, in a minimum of 2.0 gallons per acre of finished spray (low volume mist). The label on the product may not have this current rate technology on it yet so it is MANDATORY that the applicator has an updated label in their possession before making the application. Current supplemental labels can be obtained from the manufactures and distribution representatives or many can be obtained on-line form the manufacturers web site. BE SURE and read the label and follow all recommendations and requirements.

### **Other New Citrus Pesticide Labels**

**Admire PRO** - Bayer Crop Science has a Section 2(ee) label for Admire PRO for suppression of citrus canker for trees up to eight foot tall. You MUST obtain a copy of this supplemental label before an application is made using existing product. The supplemental label includes maximum rate per year and other specific requirements information. Copies of the supplemental label can be obtained from your Bayer representative or on the Bayer Crop Science web site.

**PORTAL** - Nichino America now has a label for PORTAL Miticide/Insecticide. It is labeled for control of Citrus bud mite, Citrus red mite, Citrus rust mite, Citrus thrips, and Asian citrus psyllid. Copies of the supplemental label can be obtained from your Nichino representative or on the Nichino web site.

**ACTARA** – Syngenta has announced the release of ACTARA Insecticide. It is labeled for the control of Asian citrus psyllid, Citrus black fly, Citrus Leafminer, Citrus root weevils, Mealybugs, armored scales, and other citrus pests. It must be applied in no less than 10 gallons of water per acre. Copies of the supplemental label can be obtained from your Syngenta Crop Protection representative or on the Syngenta Crop Protection web site.

**CLINCH** - Syngenta Crop Protection has a supplemental registration for the use of CLINCH fire ant bait for aerial application in Citrus. A copy of the supplemental label can be received from your Syngenta Crop Protection representative or by going to the Syngenta Crop Protection web site.

## **Restricted Use Pesticide CEU's**

Frequently people will call me in a bind that their Restricted Use Pesticide (RUP) License is due for renewal and they do not have enough CEU's in the CORE or a Category.

### **CORE CEU Opportunities**

4 CORE CEU's are required in CORE for license renewal. Generally there are fewer workshops, etc. that offer RUP CEU's in the CORE Category. The specific category CEU requirements vary. I have prepared a Fact Sheet to help you in finding opportunities to gain CEU's in both CORE and Categories.

There are now two relatively easy ways to get CORE CEU's in a self study manner.

1. First is with the FNGLA Magazine "Ornamental Outlook". To gain CORE CEU's go to the "Ornamental Outlook Magazine Web Site: <http://www.ornamentaloutlook.com>, and follow the instructions.
2. **Go to the Citrus Extension Agents Web Site: <http://citrusagents.ifas.ufl.edu/>**, and follow the instructions.

### **Category CEU Training Opportunities**

The number of CEU's required and the subject matter differs for each of the RUP Categories. There are, however; more training opportunities to get Category CEU's. To identify what training opportunities are available go to the FDACS AES Web Site: <http://flaes.org>, and follow the instructions.

Attached to this newsletter is a Fact Sheet "CEU Opportunities Fact Sheet" which gives you details on how to use each of the web sites.

## **Sebring Certified Pile Burner Class is Full**

The Certified Pile Burner Class for August 5 in Sebring is full.

There have been some **additional classes** that have opened up. They will be held

**July 21** at the SWFREC in Immokalee

July 22 at the Citrus County Extension office in Lecanto

August 6 at the Mid Florida REC in Apopka

For information about each location, registration forms, etc. go to the FDACS Division of Forestry Web Site: [http://www.fl-dof.com/training\\_education/training\\_schedule.html](http://www.fl-dof.com/training_education/training_schedule.html) .

Later classes are scheduled for Perry, Ocala, and Jacksonville, Florida.

## Fall Low Volume Technology Series



The Florida Citrus Extension Agents have scheduled:

### **Fall 2009 Citrus Agents Mini-Series Workshop “CITRUS LOW VOLUME TECHNOLOGY”**

The workshop will cover everything from labeled materials to drift and particle size to worker safety.

The workshop for Sebring will be held:

**Tuesday October 20, 2009 at the Bert J. Harris, Jr. Agricultural Center.**

Other locations for the workshop will be Tavares, Immokalee, Bartow, Ft. Pierce, and Arcadia.

Mark your calendar now for October 20<sup>th</sup>. More details will follow.

## 2009 Florida Citrus Expo



This year's Expo will be August 19 & 20 at the Lee Civic Center, Ft. Meyers.

For a copy of the program flier and the registration information click on the attachment to this newsletter or for more information about the Expo go to:

[www.CitrusExpo.net](http://www.CitrusExpo.net).

## Ridge Citrus BMP Compliance

Kevin Hancock, Senior Engineer, at the Indian River REC is working with the IFAS Best Management Practices compliance to be sure that everyone has filed their "Notice of Intent" (NOI) to comply with the Best Management Practices (BMP's). With Highlands County covering two Water Management Districts and several BMP Practices, Kevin is contacting growers to help them be sure they have covered all of their bases and that their NOI's are correct.

If Kevin contacts you give him a few minutes of your time and you will know you have all of your "BMP Ducks in the right row".

## **FDOC's New Web Site**

---

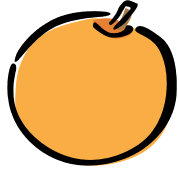


FDOC has a new web site that you may want to place in your "favorites". It is at <http://www.fdocgrower.com/>. You can contact them at: [info@fdocgrower.com](mailto:info@fdocgrower.com).

They also are producing a newsletter focusing on the status of canker and greening research. The newsletter is titled "CITRUS DISEASE RESEARCH". If you would like to be placed on the mailing list to receive this newsletter periodically contact: [anowicki@citrus.state.fl.us](mailto:anowicki@citrus.state.fl.us).

Highlands County Extension is a cooperating service of the Highlands County Board of County Commissioners and the University of Florida. The Institute of Food and Agricultural Sciences (IFAS) is an Equal Employment Opportunity – Affirmative Action Employer authorized to provide research, educational information and other services only to individuals and institutions that function with non-discrimination with respect to race, creed, color, religion, age, sex, disability, sex, sexual orientation, marital status, national origin, political opinions, or affiliations. U. S. Department of Agriculture, Cooperative Extension Services, University of Florida, IFAS, Florida A. & M. University Cooperative Extension Programs, and Boards of County Commissioners Cooperating.





# Highlands County Extension Citrus Program

## Fact Sheet

# 1 - 06/11/09

### CORE and Category Restricted Use Pesticide CEU Opportunities

#### **CORE CEU On-Line Certification Methods**

1. **Go to the Ornamental Outlook Magazine Web Site.**

<http://www.ornamentaloutlook.com>

**Select:** CEU Series

**Select:** One of the articles you wish to read and read it.

**Select:** The Question Set corresponding to the article number you read.

**Answer the questions in the Question Set.**

**Complete the personal information at the end of the Question Set.**

**Select:** Submit.

You will be emailed a set of answers for your question set.

You will then be mailed a CEU Certification Certificate signed by the author of the article for 1 CORE CEU. You will use this certificate when you renew your license.

You can get a total of 4 CORE CEU's via this procedure.

2. **Go to the Citrus Extension Agents Web Site**

<http://citrusagents.ifas.ufl.edu/>

**Select:** New CEU Article Series

**Read the Article**

**Select: CI Pesticide Safety Question Set**

Answer the Questions and Fill out the Pesticide Application Form

Print the Questions with the answers and the form and mail it to be graded.

You will then be mailed a CEU Certification Certificate signed by the author of the article for 1 CORE CEU. You will use this certificate when you renew your license.

You can get a total of 4 CORE CEU's via this procedure.

**[Listing of RUP CEU Training Opportunities](#)**

**Go to FDACS AES Web Site**

**<http://flaes.org>**

**Select:** Compliance Monitoring  
**Select:** Searches – CEU Classes Search, Exam Score Search, Earned  
CEU Search, Applicator  
**Select:** Available CEU Classes  
**Enter:** the Latest Date you wish to Search  
(i.e. MM/DD/YYYY                    04/21/2008)

**Select:** Search Courses

---

---





*The Highlands County Citrus Growers Association  
is proud to be a supporting partner of the  
Highlands County Citrus Extension Program*



**HIGHLANDS COUNTY  
CITRUS GROWERS  
ASSOCIATION**

**Raymond Royce**  
*Executive Director*

6419 US Hwy 27 South  
Sebring, FL 33876  
Office: **385-8091**  
Fax: **385-6829**  
Cell: **381-8551**  
Home: **465-3055**  
Nextel: **162\*36\*15837**  
E-mail: **rroyce@hccga.com**  
Website: **www.hccga.com**

**syngenta**

Gary Sawyer  
Marketing Manager  
Certified Crop Advisor

Syngenta Crop Protection, Inc.  
1606 W. Swilley Road  
Plant City, FL 33567  
Tel. 813-737-1718  
Fax 813-737-3132  
Mobile 813-917-1818 AGNET 972  
www.syngenta.com  
gary.sawyer@syngenta.com

Celebrating 80 years of  
meeting the financial needs  
of the community.

1929-2009

**Wauchula State Bank**

www.wsbfl.com Member FDIC

**LAKE PLACID CARETAKERS, INC.**

Gillie C. Russell

109 Arron Drive  
Lake Placid, FL 33852

(863) 465-2821 • Fax (863) 699-1162  
Mobile (863) 441-5096 • Nextel 160\*34\*15380  
Hedging • Topping • Tree Removal

**COMPLETE CITRUS MANAGEMENT**

**FARM CREDIT  
SOUTHWEST FLORIDA**

330 N. Brevard Ave.  
Arcadia, FL 34266  
Phone: 800 307 5677  
Fax: 863 494 6460

**AGLIME  
SALES, INC.**

Office (863) 638-1481  
Waits (800) 432-5221  
Fax (863) 638-2312  
Mobile (863) 287-2325  
Aget # 52925  
donald.allen@aglimesales.com

**DONALD ALLEN**

1375 Thornburg Road  
Babson Park, FL 33827-9549  
www.aglimesales.com

BOLOMITIC LIMESTONE,  
HYDRAULIC LIMESTONE,  
GYPSUM, SOIL SULFUR

**GATOR AG**

Lime • Dolomite • Fertilizer & Sludges  
Sherman Youmans

800-872-9045  
Off: 863-465-3333  
Fax: 863-465-0342

Ag. Net: 158\*17\*17746  
Mob: 863-441-3019

**BRANDT**

Charles Lanfier  
Sales & Production Manager

clanfier@brandtconsolidated.com

Tel: 863 453 6450  
Cell: 863 443 1122  
Fax: 863 452 5310

Brandt Consolidated Inc  
959 South Angalo Lake Road  
Avon Park Florida 33925 USA  
www.brandtconsolidated.com

F. Parker Oswald, CCA #16559  
Sales Representative

**Gowan**  
The Go To Company

Direct: (863) 447-1370

215 Pollywog Pt.  
Labelle, FL 33935

Office: (863) 675-7351  
Fax: (863) 675-7354  
poswald@gowanco.com  
www.gowanco.com  
Nextel Aget No. 35779