

Citrus Notes



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Dear Growers,

Our February OJ Break is the annual citrus pest management update meeting. This time we will be holding the meeting at the UF/IFAS Citrus Research and Education Center, 700 Experiment Station Road in Lake Alfred. Dr. Steve Futch is scheduling another grower trip to Brazil and space is still available if you want to go. The 2011 Florida Citrus Growers' Institute is set to be held on April 6, 2011 in Avon Park. The latest flower bud induction bulletin from Dr. Gene Albrigo is included in this issue. This information could be quite useful in determining the timing of your psyllid spray applications. Don't forget to check out the Pesticide news and Information section, it seems to always have a few interesting bits of information.

Enjoy the issue,

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February OJ Break

The February OJ Break will be held in Lake Alfred at the UF/IFAS



Citrus Research and Education Center, Ben Hill Griffin Auditorium on Thursday, February 10, 2011, beginning at 8:30 a.m. This is our annual Citrus Pest Management Update meeting and we have arranged to have a number of 2011 enhanced Citrus Integrated Pest Management Guides available at the meeting. We have 3 CEU's available for attending the OJ Break in the following categories: private applicator, ag tree crop and demonstration and research.

Our speakers will be Dr. Michael Rogers, CREC Citrus Extension Entomologist, Dr. Megan Dewdney, CREC Citrus Extension Pathologist, Bob Rouse, Southwest Florida Research and Education Center, Citrus Extension Horticulturalist and Linda Lindenberg with Dow AgroSciences.

Dr. Rogers will be discussing changes in this year's edition of the Citrus Spray Guide, along with an update on psyllid management, Dr. Dewdney will bring us the latest information on citrus black spot, sweet orange scab and the current recommendations for citrus fungicides contained in the spray guide. Dr. Rouse will be presenting his latest information on HLB and citrus foliar nutrition and Linda Lindenberg will be covering pesticide resistance and the importance of pesticide rotation.

The OJ break will begin with registration at 8:30 a.m., presentations to follow starting at 9:00 a.m. Lunch will be provided at the conclusion of the OJ Break. Linda Lindenberg

from Dow AgroSciences and Justin Cain from Chemical Dynamics are our lunch sponsors. Please register for the OJ Break by emailing me at: wcoswalt@ufl.edu or calling Gail at 863-519-8677.



Grower Trip to Brazil, Space Available

Dr. Steve Futch is in the process of planning a grower trip to Brazil for June 11 - 17, 2011. The trip will depart from Miami using American Airlines. The approximate cost per participant with 12 participating would be \$3000 and with 15 the cost would be \$2700. Departure from other cities would incur the additional airfare. These costs are based upon current air fare and exchange rates and are subject to change. The entire week would be spent in the state of Sao Paulo and groves would be visited Monday – Friday with a return to the US on Friday night and arrival in Miami on Saturday morning.

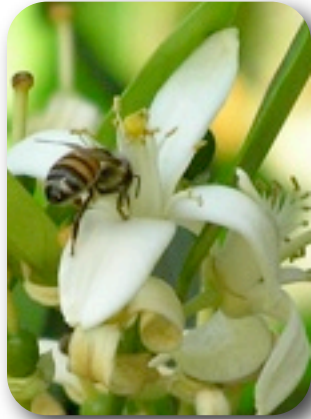
If you or someone you know may be interested in participating in a trip to Brazil in June 2011, please let Dr. Futch know. You can email him at shf@ufl.edu or call him at 863-956-1151.

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. There will be additional details along with the program agenda in next month's *Citrus Notes*.



Citrus Flower Bud Induction Bulletin

The following information is from the February 3, 2011, advisory. This hopefully will provide growers some guidance in

determining psyllid spray timing based on when citrus bloom will occur.

Current Status: The Flowering Monitor Model indicates that in addition to a first wave of flower buds with growth initiated between December 17th and 28th, a second wave of flower bud initiation occurred for locations south of Lake Alfred, both Ridge and Flatwood Districts, but no second wave of flower bud development is indicated by the model for Lake Alfred or northern locations. The inductive cool hours were 800 to 940 in southern areas and 1000 to 1250 in central and northern areas of Florida's citrus industry for the first wave of growth. The second wave of flower buds had growth initiated after 1030 to 1220 hours below 68° F. The full bloom dates are about February 19th to 27th in locations from Sebring south including the flatwoods. Central and northern areas should have full bloom March 3rd to 7th. The second wave will bloom about March 1st to 9th, 2 or 3 days earlier than the model projected in January.

Induction levels are now excellent to excessive for all citrus areas. The buds are breaking

at Lake Alfred. Pinhead flowers could be seen this week on navel and Hamlin trees. Buds are pushing on some shoots in Valencia and grapefruit. No bud push was observed yet on mandarin trees, which usually bloom 10 to 14 days after oranges.

The projected bloom dates would be delayed if cooler than normal weather occurs the rest of February. In another two weeks we should be able to tell if a second wave of flower buds was induced, but the model has been fairly accurate in projecting number of flower bud waves that will grow in a spring season.

If you have any questions, please contact me (albrigo@ufl.edu).

Pesticide News and Information



Pesticide Drift Language

During a recent pesticide advisory committee meeting, EPA's Office of Pesticide Programs (OPP) announced it is planning to revise controversial label language proposed earlier in a draft pesticide registration notice meant to address pesticide drift. The proposed revision is in response to industry and grower concerns over the proposed language. Instead of directing agricultural users to not apply a pesticide "in a manner that results in spray [or dust] drift that could cause an adverse effect to people or any other non-target site," OPP has suggested directing such users not to apply a pesticide "in a manner that results in spray [or dust] drift that harms people or any other non-target organisms or



in a manner that results in spray [or dust] drift that harms people or any other non-target organisms or

sites.” The EPA’s original proposal was issued in November 2009, and industry and grower stakeholders immediately took issue with the “could cause” language, arguing it resulted in a *de facto* no drift policy given that it suggests all drift could cause adverse effects. Furthermore, they argued the language departed from the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), which authorizes the registration and use of pesticides in a manner that doesn’t cause “unreasonable adverse effects on the environment,” while taking into account the costs and benefits of a pesticide's use. The agency believes its revised language is consistent with the FIFRA unreasonable adverse effects standard. (*Western Farm Press*, 12/20/10).

Bed Bugs

The Federal Bed Bug Workgroup is convening a second national summit set for February 1-2, 2011, in Washington, D.C. The summit is open to the public and will focus on ways the federal government and others can continue to work together on management and control of these pests. The first federal bed bug summit was held by the EPA in April 2009. Since then, EPA has helped organize the Federal Bed Bug Workgroup, which consists of EPA, the Department of Housing and Urban Development, Department of Agriculture, Department of Defense, Department of Commerce, and National Institutes of Health. The summit’s agenda will feature discussions on progress since the last summit from various perspectives, including federal, state, and local governments; research; housing industry; and pest management industry. The agenda also includes identifying knowledge gaps and barriers to effective community-wide bed bug control, proposals for next steps in addressing



knowledge gaps and eliminating barriers, and developing a framework for addressing the highest priority needs. Before the summit, the federal workgroup will meet with researchers to evaluate and develop a research agenda related to bed bugs. The agenda and information on attending the meeting via webinar is available on EPA’s website. (EPA press release, 12/9/10).

Supplemental Label for Platinum 75SG

An updated copy of the supplemental label for Platinum 75SG in citrus is now available. There are no changes to the directions for use on citrus other than the expiration date of the supplemental label has been extended to July 15, 2012. The existing supplemental labels expired January 15, 2011. Until the directions for use for citrus have been added to the container label, growers will need to have a copy of this supplemental label in their possession to be in compliance. Syngenta will be distributing updated copies of this supplemental label via our field sales force and retail network.

Value of Pesticides

A Cranfield University (UK) study found that without the deployment of pesticides to control weeds, pests and diseases, crop yields would fall to half their current levels and food prices would rise by 40 percent (£12 billion) in the UK. The higher prices associated with crop productivity losses represent the net value of plant protection products. In addition, the report says that the supply of raw materials from UK farmers to the domestic food processing and manufacturing industry would fall, leading to increased imports at higher prices at an additional cost of £40 billion to the UK food processing and manufacturing industry - approximately twice the existing costs of raw material procurement. (*Farmers Guardian*, 12/6/10).