



*University of California Cooperative Extension*

## ***Kern Citrus and Subtropical Fruit***



*Kern County • 1031 S. Mt. Vernon Avenue • Bakersfield CA 93307 • (661) 868-6221 • <http://cekern.ucdavis.edu>*

**August 2010**

### **Citrus Research Growers' Educational Seminars**

Citrus Research Board (CRB) and University of California Cooperative Extension

#### **San Joaquin Valley Program**

**Thursday, August 26, 2010**

**Exeter Memorial Building**

324 North Kaweah

Registration begins at 8:15 A.M.

**Seminar Sessions 9:00 A.M. – 2:00 P.M.**

##### **What's New in Citrus?**

Dr. Tracy Kahn, Botany & Plant Sciences, UC, Riverside

##### **ACP/HLB Panel**

**Introduction** – Ted Batkin, President, Citrus Research Board

**Moderator** – Craig Kallsen, Farm Advisor, UC Cooperative Extension

##### **South of the Border – What's Happening in Mexico?**

Jim Cranney, President, California Citrus Quality Council

##### **Biocontrol of ACP**

Dr. Kris Godfrey, Agricultural Biologist, Biocontrol Program, CDFA

##### **ACP Treatment Strategies**

Dr. Beth Grafton-Cardwell, UC Riverside Entomologist & Director of Lindcove (LREC)

##### **Detection Strategies**

Brian Taylor, Field Program Director, CRB

Marilyn Kinoshita, Tulare County Ag Commissioner

##### **Citrus Pest & Disease Management Program**

Nick Hill, Chairman, CPDMP

**Ventura County ACP-HLB Task Force**  
Leslie Leavens-Crowe, Chairman, VC ACP-HLB TF

**Summary, Wrap-up with Q & A**

**Lunch**

**"6 in 60..."**

***News Shooters on the latest developments & new technologies for California citrus***  
Ted Batkin, President, Citrus Research Board

***Application submitted for 4.0 hours of continuing education credit***

***\$20.00 per person includes lunch and course materials***

***For planning purposes, we are asking for advance reservations***

To register, mail coupon no later than Friday, August 20<sup>th</sup> - or - advise via phone (559) 738-0246, fax (559) 738-0607 or e-mail [info@citrusresearch.org](mailto:info@citrusresearch.org) by noon Tuesday, August 24<sup>th</sup>.  
*(You may pay at the door)*

**Citricola Scale Biology and Management**

**Dr. Beth Grafton-Cardwell**

University of California

Citrus IPM Specialist and Research Entomologist

**Thursday, August 19, 2010**

**9:00 - 11:00 am**

**Location: Lindcove Research & Extension Center**

**22963 Carson Ave., Exeter CA**

**(559) 592-2408 ext 151 (*call for directions*)**

We will bring the mobile teaching lab to an LREC orchard and teach the details of the lifecycle of the pest and its parasites using microscopes and handouts. Field monitoring of citricola scale will be demonstrated including recommended treatment threshold densities for the fall and spring periods. We will discuss ongoing pesticide resistance studies. Treatment options for citricola scale will be discussed.

No advance sign-up is needed for this session.

*Continuing education credits have been requested for this session.*

## **Citricola Scale a Continuing Problem in Kern County**

Old remedies appear to still be working well for many growers but not for some. Dependence on a single chemical for control is never a good idea. If citricola has been or is beginning to be a problem, Dr. Beth Grafton-Cardwell's class, as advertised above, will be well worth attending. More information on citricola scale can be found at the following U.C. website:  
<http://www.ipm.ucdavis.edu/PMG/r107301511.html>

## **Ground Water Pumping**

It is no surprise that with the drought, and other issues, reliance on groundwater pumping has been increasing. As water tables drop, changes in water quantity are often accompanied by changes in water quality, and usually not for the better. The southern and west ends of the San Joaquin Valley, generally, are not known for water wells that produce large volumes of high quality ag water. Growers without access to district water originating from surface sources and thus dependent on wells, should be monitoring well water quality, especially if trees appear unthrifty for no apparent reason. In some areas of the county, increasing salinity, alkalinity, boron, and, rarely, other toxic elements (such as arsenic or lithium) may be impacting citrus root health.

*Craig Kallsen, Citrus, Subtropical Horticulture, Pistachios Advisor*

---

The University of California prohibits discrimination or harassment of any person on the basis of race, color, national origin, religion, sex, gender identity, pregnancy (including childbirth, and medical conditions related to pregnancy or childbirth), physical or mental disability, medical condition (cancer-related or genetic characteristics), ancestry, marital status, age, sexual orientation, citizenship, or service in the uniformed services (as defined by the Uniformed Services Employment and Reemployment Rights Act of 1994: service in the uniformed services includes membership, application for membership, performance of service, application for service, or obligation for service in the uniformed services) in any of its programs or activities. University policy also prohibits reprisal or retaliation against any person in any of its programs or activities for making a complaint of discrimination or sexual harassment or for using or participating in the investigation or resolution process of any such complaint. University policy is intended to be consistent with the provisions of applicable State and Federal laws. Inquiries regarding the University's nondiscrimination policies may be directed to the Affirmative Action/Equal Opportunity Director, University of California, Agriculture and Natural Resources, 1111 Franklin Street, 6<sup>th</sup> Floor, Oakland, CA 94607, (510) 987-0096.