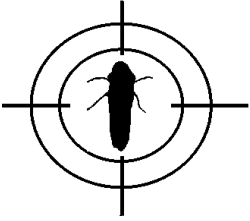


**Kern-Tulare**

# **GWSS Update**



*A project of the Glassy-winged Sharpshooter Task Force of Kern and Tulare Counties. Participants: Agricultural Commissioner Offices of Kern and Tulare Counties, California Department of Food and Agriculture, University of California-Cooperative Extension, U.S. Department of Agriculture (APHIS and ARS Divisions).*

**Contact:** Don Luvisi, project coordinator, (661) 868-6226 / [daluvisi@ucdavis.edu](mailto:daluvisi@ucdavis.edu)  
**Web sites:** [www.kernag.com/kpp.htm](http://www.kernag.com/kpp.htm) and [www.co.kern.ca.us/farm/luvisi.htm](http://www.co.kern.ca.us/farm/luvisi.htm)

**October 13, 2001**

## **PD presence in Kern requires removal of infected vines**

As the result of Jennifer Hashim's Pierce's Disease (PD) meeting in September, growers' awareness and detection of PD has increased. Growers are finding that many of the yellow vines with weak growth have PD.

One important fact is that the total vineyard is now being evaluated. A representative number of samples have been analyzed and a high percentage are infected with PD. The most surprising finding is that there are scattered vines in many vineyards throughout the southern Kern area.

We need to detect and remove all suspect or infected vines. **Removal of infected vines means all**, including yellow and weak growth — not just the dead vines. One or two vines removed per acre now is a far cry from 10-20 vines in one or two years if GWSS is present and spreads PD.

Remember that all varieties are susceptible to PD — no exceptions. Some just die faster than others.

— Don Luvisi

## **Post-harvest Surround® treatment expels GWSS**

Many vineyards in the General Beale, Bena Road and outlying areas infested with GWSS have been treated with the preventative material, Surround®.

Early spring applications of Surround proved very effective at reducing population levels and first generation egg-laying in vineyards. Pre- and post-treatment GWSS counts have shown that a post-harvest treatment with Surround has proven effective at lowering or eliminating populations of GWSS in treated vineyards.

The objective of a post-harvest application is to prevent or minimize feeding by GWSS on the older more mature wood that will be left as canes or spurs for the next crop.

— Don Luvisi

## Find Pierce's Disease information, photos

- For numerous links to PD sites and photos, visit UC Riverside's site at: [www.ucr.edu/news/gwss](http://www.ucr.edu/news/gwss).
- Excellent photos of PD symptoms can be found at the UC-IPM Web site at: <http://axp.ipm.ucdavis.edu/PMG/r302101211.html>. Click on "symptoms."
- UC Berkeley's College of Natural Resources is creating a PD photo site. Go to: [www.cnr.berkeley.edu/xylella](http://www.cnr.berkeley.edu/xylella) and click on "Controlled guidelines for Pierce's Disease in California." The site will soon have a new "Symptoms" link for photos.

## Bulk citrus movement meeting set for Oct. 18

The Kern County Agricultural Commissioner's Office will hold a bulk citrus movement meeting Oct. 18 at 9 a.m. at its offices at 1001 S. Mt. Vernon Avenue in Bakersfield.

## GWSS counts in General Beale Road drop in grapes, increase in citrus and cherries

General trapping counts of GWSS in the General Beale Road area show that the number of adults caught in traps from the week of Sept. 2 to the current trapping week are decreasing in grape crops, and increasing slightly in citrus and cherry crops.

The temperature for Kern County has decreased over these weeks, which could prove to be a factor in the lower number of adults in general. Other factors to consider regarding the counts of the grape crops are the end of harvest seasons and the start of Surround® applications. Surround is intended to deter GWSS, among other insects, from landing on the crops to feed and lay eggs.

Citrus and cherry trees have already been discovered as alternate food sources and breeding areas for GWSS. In many areas in General Beale, these crops are grown adjacent to grape fields with the high GWSS counts. The recent applications of Surround could be causing GWSS to migrate to those alternate crops. CDFA will continue to monitor the adult counts and the fluctuation in adults between the crops.

— CDFA

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