



UNIVERSITY OF CALIFORNIA
COOPERATIVE EXTENSION - SUTTER & YUBA COUNTIES
142A GARDEN HIGHWAY, YUBA CITY CA 95991
TEL. (530) 822-7515 - FAX (530) 673-5368

ORCHARD NOTES

MAY 2001

WALNUT PEST MANAGEMENT ALLIANCE COVER CROP FIELD DAY
THURSDAY, MAY 31, 2001, 10:00 AM - NOON
DESERET FARMS, YUBA COUNTY

TOPICS AND SPEAKERS:

- UPDATE ON PEST MANAGEMENT ALLIANCE PROJECTS
BOB ELLIOTT, DEPARTMENT OF PESTICIDE REGULATION
- WALNUT PMA COVER CROP TRIAL RESULTS
JANINE HASEY, SUTTER/YUBA COUNTIES FARM ADVISOR
- GROWER EXPERIENCE WITH A PLANTED COVER CROP
MIKE BENNETT, WALNUT GROWER
- COVER CROP BENEFITS AND PROPER IRRIGATION SCHEDULING TO IMPROVE EFFICIENCY AND SAVE MONEY AND POWER
TERRY PRICHARD, UCCE IRRIGATION SPECIALIST
- IMPACT OF A COVER CROP ON REDUCING SPRAY RUNOFF
BILL KRUEGER, GLENN COUNTY FARM ADVISOR
- XANTHOCYST - A PREDICTIVE MODEL FOR WALNUT BLIGHT
CARLA THOMAS, PLANT PATHOLOGIST, FIELDWISE
- UPDATE ON THE WALNUT PMA WEB SITE
WILL STOCKWIN, CAFF MEDIA COORDINATOR

**1 HOUR OF PCA CREDIT HAVE
BEEN REQUESTED
(INCLUDES ½ HOUR OF LAWS)**

Frost Damage

Many growers in Sutter and Yuba Counties suffered frost damage in their tree crops and kiwifruit from frost events on April 3, 8, 9, and 12. In many cases, the damage is apparent while in others it is more difficult to detect. Many of the frost damaged peaches never sized and have fallen off or will soon. There are other frost damaged peaches that are continuing to grow. These tend to be smaller than the sound fruit. Before thinning, cut into several fruit to make sure that the damaged fruit is thinned and the sound fruit remains.

Cling Peach Rust

The first twig canker for 2001 was confirmed on May 4th in an Andross block, a very susceptible variety. The canker was in the very early stages. We usually find twig cankers in April rather than May and rust spores on leaves by early May. We had very little rust in 1999 and none in 2000. Most likely, we'll have little rust this year but be on guard. For rust to cause damage, both the spores (rust inoculum) and favorable environmental conditions (wet and mild temperatures) need to be present. A protective fungicide is only recommended if rain is forecasted. We will continue to monitor through May. Check the pest tracker for the most recent updates.

Powdery Mildew on Peach

There is some powdery mildew showing up on peaches again this year. The last protective fungicide should be applied before pit hardening.

Roundup Damage on Peach

Glyphosate damage was seen on young peach trees in several orchards this spring. The orchards had been sprayed last October or December. Be very careful when applying post-emergence herbicides, especially around young peach trees with low hangers.

Walnut and Peach Insect Updates

Check the pest tracker in our office or through e-mail.

Walnut Winter Kill

Some young walnut orchards had winter kill which occurs from fall cold weather. It usually occurs when the tree is still growing and the first frost of the season gets to 29F or lower. Walnut trees can also freeze if they get too dry in the fall when the first frost hits. We had several days of temperatures in the twenties starting last November 11, 2000. In affected orchards, keep trunks painted white so sunburn from hot temperatures doesn't kill tissue and wait for new shoots to grow. Trees can be reshaped in the summer after all the latent buds have pushed.

Chemigation in Tree and Vine Microirrigation Systems, Publication #21599, price \$5.00 plus tax.

Janine Hasey
U.C. Farm Advisor
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**ALMOND PEST MANAGEMENT ALLIANCE
SPRING FIELD MEETING
THURSDAY, JUNE 7, 2001, 8:30 AM TO 11:00 AM
AT
BERTAGNA ORCHARD, CHICO
(SEE ATTACHED MAP)**

AGENDA

- **ORCHARD PESTICIDE AND RUNOFF ISSUES**
RICHARD PRICE, BUTTE COUNTY AGRICULTURAL COMMISSIONER
- **USING LOCAL WEATHER DATA, INSECT MODELS AND TRAPS**
JOE CONNELL, FARM ADVISOR, BUTTE COUNTY
- **PMA ORCHARD MANAGEMENT PRACTICES**
NICK BERTAGNA, PMA PARTNER
- **EXPERIENCE WITH “SOFT” PEST MANAGEMENT**
RICHARD GREGOR, BIOSCOPE, HUGHSON, CA
- **MITE MANAGEMENT**
CAROLYN PICKEL, AREA IPM ADVISOR, SACRAMENTO VALLEY
- **CONTROL IRRIGATION COSTS THROUGH SCHEDULING & REGULATED DEFICIT IRRIGATION**
TERRY PRICHARD, IRRIGATION SPECIALIST, UC DAVIS

2 HOURS OF PCA CREDIT HAVE BEEN REQUESTED

Refreshments:
Courtesy of CAFF and the Pest Management Alliance

Sponsored By:
The Almond Board of California, University of California Cooperative Extension,
CAFF, and CA Department of Pesticide Regulations

Directions:
Bertagna Orchard, Chico