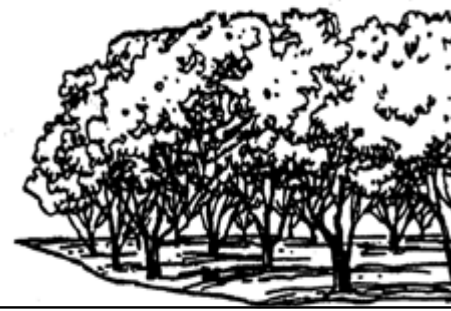




Almond & Walnut Notes

Agriculture & Natural Resources



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- Walnut Blight
- Almond Institute & Walnut Day – Friday, February 22, 2013

January 16, 2013

Joseph H. Connell

UCCE Farm Advisor

Winter Sanitation—Best Impact on Navel Orangeworm

Navel orangeworm (NOW) damage was higher in some orchards this past year. I believe the most important reason for this is better survival of overwintering NOW larvae in mummy nuts left in the trees or in equipment around the shop or huller. The dry weather in November / December 2011 and February 2012 reduced the natural sanitation that occurs with heavy rain as well as reducing the NOW mortality in nuts already on the ground. We've had good rainy weather so far this winter and this will help, but, be sure to clean the trees of mummy nuts before bloom to keep the worm pressure low this coming season.

Orchard sanitation is *the most* cost effective means of reducing NOW damage. This statement has been made over and over but here it is again! We really see benefits from an area wide effort to clean mummy nuts from trees. Spraying is costly and each in-season spray for NOW only controls about half of the NOW population in the orchard at the time of the spray. Winter sanitation isn't cheap but its benefits relative to spraying for NOW control are much greater. If you don't have mummy nuts left in *your* orchard, NOW can't begin to establish a population in *your* orchard until hull split begins.

Try to achieve sanitation down to 1 mummy per tree. Obviously, the larger the cleaned area, the more effective winter sanitation will be. You'll be helped a great deal by cleaning your orchard for the reason already mentioned. If you can get all your neighbors to clean up too, then the benefits to everyone will be even greater. Mummies are most easily removed after fog or rain has kept the trees dripping wet for several hours. Gums soften and the added weight makes the nuts knock easier.

You've got until about March 1st to make sure that mummy nuts have been knocked to the ground and destroyed. Once on the ground, nuts on dry, bare soil will require shredding. If left in the weeds on the orchard floor, often (but not always) sufficient rotting takes place to kill most worms. Shredding provides excellent mortality.

Walnut Blight

The past two springs have been wet. This allowed walnut blight bacterial populations to build up and create more disease. With a higher bud population of blight bacteria we are set up to have more disease this year if we have a wet spring once again. Be prepared. Regular sprays with good coverage will be essential to control this disease if we have another wet spring.

ALMOND INSTITUTE & WALNUT DAY

Friday, February 22, 2013 – Chico Elks Lodge, 1705 Manzanita Ave., Chico

7:30 - 8:30 **Registration Table Open ----- Pick up lunch tickets**
(Cost \$15.00/person to cover lunch and meeting expenses)

PROGRAM

Moderator: Joe Connell, UCCE Farm Advisor, Butte County

8:30 Agricultural Commissioner's Laws and Regulations Update

Richard Price, Agricultural Commissioner, Butte County

Your Assessment at Work: 2013 California Walnut State of the Industry

Dennis A. Balint, Executive Director/CEO, California Walnut Board/Commission

Jennifer Olmstead, Marketing Director, Domestic

Carl Eidsath, Technical Support Director

**Site Selection, Soil Modification, and Replant Disease Management
when Planting an Almond Orchard**

David Doll, UCCE Farm Advisor, Merced County

10:00--10:15 Break – coffee & pastry sponsored by the California Walnut Board

Water Management in Almonds and Walnuts

Dr. Ken Shackel, Professor, Plant Science, UC Davis

Long Term Irrigated Lands Regulatory Program – A Sacramento Valley Perspective

Bruce Houdesheldt, Director, Regulatory Affairs, Northern California Water Assoc.

Dynamics of Walnut Blight Management

Dr. Jim Adaskaveg, Plant Pathology, UC Riverside

Highlights of Hull Rot and Scab Control in Almonds

Dr. Jim Adaskaveg, Plant Pathology, UC Riverside

12:15 Lunch ---- pre-registration required

12:45 Update on New Walnut Varieties and New Variety Releases

Chuck Leslie, Walnut Breeding Program, Plant Science, UC Davis

What's new in Pest Management of Weeds and their Control

Bob Johnson, UCCE/Almond Board Intern, Weed Science, UC Davis

Root Physiology and Root Functions of Almonds and Walnuts

Joe Connell, UCCE Farm Advisor, Butte County

Sprayer Calibration to meet Application Regulations and Save Money

Franz Niederholzer, UCCE Farm Advisor, Sutter Yuba Colusa Counties

2:45 Adjourn

Special Thanks to:

**DuPont Crop
Protection
and the
California Walnut
Board**

*for
financial
sponsorship
of this meeting.*

Continuing Education Credits Approved: 1.5 hours of Laws & 2.0 hours of Other

Registration Form

2013 Butte / Glenn Counties Almond Institute & Walnut Day

Friday, February 22, 2013

Chico Elks Lodge, 1705 Manzanita Ave., Chico

***** Registration must be received by Friday, February 15th *****

Cost \$15.00 per person to cover lunch and meeting expenses.

Please Detach and mail this form with a check made payable to "UC Regents".



Mail to: **UC Cooperative Extension**
2279 Del Oro Avenue, Suite B
Oroville, CA 95965



Registration for 2013 Almond Institute & Walnut Day

Name: _____

Company: _____

Address: _____ City: _____ State: ____ Zip: _____

Day Phone: _____ Amount Enclosed: \$ _____

Email: _____

If Reservation is for more than one person, please list names of the others attending:

Note New Location!

Butte/Glenn Counties ALMOND INSTITUTE & WALNUT DAY
Friday, February 22, 2013 – Chico Elks Lodge, 1705 Manzanita Ave., Chico



Persons with special needs wishing to attend a program should contact the cooperative extension office in advance, 538-7201. Efforts will be made to accommodate your specific need.

Return Service Requested

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