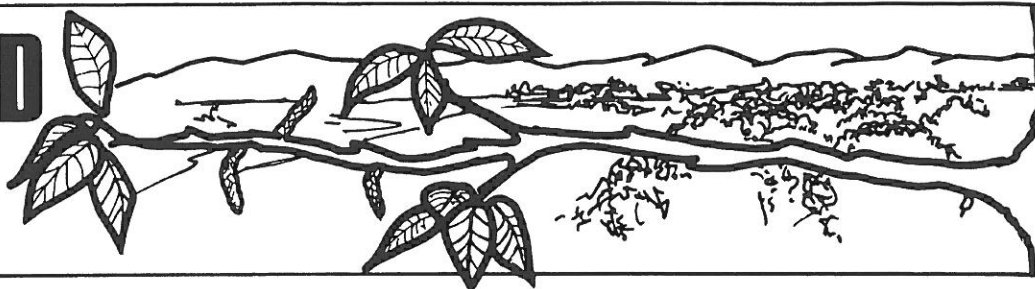




# ORCHARD FACTS



January 24, 2013

Vol. XIII, No. 1

## In This Issue

*Tehama County  
Walnut Day*

*Tehama Prune Day*

*Almond Institute  
& Walnut Day*

*Butte County Almond &  
Walnut Notes*

Pam Geisel  
County Director

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To simplify information, trade names of products have been used. No endorsement of named products is intended, nor is criticism implied of similar products which are not mentioned.

Special thanks to Tehama County Farm Advisor Rick Buchner and Butte County Farm Advisor Joe Connell for providing the enclosed information and including Glenn County in their upcoming winter meetings for almonds, walnuts and prunes.

Please register as soon as possible online or by returning the enclosed forms if you would like to attend any of these outstanding programs.

University of California  
Agriculture and Natural Resources

*Making a Difference for California*

## Fruit and Nut Notes

UC Cooperative Extension-Tehama County  
1754 Walnut Street, Red Bluff, CA 96080

Phone (530) 527-3101

Website: [cetehama@ucanr.edu](mailto:cetehama@ucanr.edu)

*Richard*

Richard P. Buchner

UC Farm Advisor -Orchard Crops, Tehama County Director

**JANUARY 2013**

**Volume 1**

### MEETING ANNOUNCEMENT

## 19<sup>TH</sup> ANNUAL TEHAMA COUNTY WALNUT DAY

**FRIDAY - FEBRUARY 1, 2013**

**8:00 AM - 1:30 PM**

RED BLUFF ELKS LODGE, 355 GILMORE ROAD, RED BLUFF, CA 96080

**CO-SPONSORED BY UC COOPERATIVE EXTENSION-TEHAMA COUNTY AG COMMISSIONER'S OFFICE  
AND CHUCK CRAIN - CRAIN OF CALIFORNIA.**

*Tehama Walnut Day is a University of California Cooperative Extension Program designed to provide orchard information to growers, PCA's and related agri-business people. Those interested in walnut production are encouraged to attend. Handicapped facilities are available. 2.5 hours ( 2.0 other and 0.5 laws) of PCA credit has been requested. For more information, please call Richard Buchner or Cindy McClain at the Farm Advisors Office (530) 527-3101. The \$15 registration covers lunch and meeting costs on a break-even basis.*

***Please REGISTER by January 25, 2013***

**Register On-Line at: [cetehama.ucanr.edu](http://cetehama.ucanr.edu) go to 'Orchard Crops' -"Upcoming Meetings"**





# 2013

## WALNUT DAY AGENDA

February 1, 2013

8:00 AM --- **REGISTRATION**

- Pick up lunch tickets - PCA and Private Applicator sign-ups
- *Coffee and Doughnuts*

8:30 AM --- **WALNUT MARKETING BOARD UPDATE**

- *by Dennis Balint – Executive Director, California Walnut Board / CEO, California Walnut Commission*

9:00 AM --- **WALNUT BLIGHT “What Happened in 2012”**

- *by Richard Buchner – UC Farm Advisor-Tehama County*

9:30 AM --- **WALNUT HUSK FLY MANAGEMENT**

- *Richard Buchner – UC Farm Advisor – Tehama County*

10:00 AM --- **TEHAMA COUNTY AG COMMISSIONER**

**PRESENTATION and REGULATORY UPDATE**

- *by Doug Compton - Assistant Ag Commissioner - Tehama County*

10:30 - 10:40 AM -- **BREAK –**

10:40 AM --- **WALNUT IRRIGATION MANAGEMENT**

- *by Allan Fulton – UC Farm Advisor – Tehama County*

11:10 AM --- **ROOT & CROWN DISEASE OF WALNUT**

- *by Greg Browne –Plant Pathology USDA – UC Davis*

11:40 AM --- **WEED CONTROL AND RESISTANCE MANAGEMENT**

- *by Andrew Johnson, UCCE Almond Board of California Intern*

**BUFFET LUNCH** - Prepaid Reservation

12: 30 PM --- **DISCUSSION PERIOD / QUESTIONS & ANSWERS**



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*Making a Difference for California*

## Fruit and Nut Notes

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1754 Walnut Street, Red Bluff, CA 96080  
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Website: [cetehama@ucanr.edu](mailto:cetehama@ucanr.edu)

**JANUARY 2013**

**Volume 2**

*Richard*

Richard P. Buchner  
UC Farm Advisor -Orchard Crops, Tehama County Director

Prepared by Cindy McClain  
Office Manager/Ag Secretary

### **2013 TEHAMA PRUNE DAY**

### **MEETING ANNOUNCEMENT**



Prune Day is a University of California Cooperative Extension Program designed to provide orchard information to growers, PCA's and related agri-business people. Anyone interested in prune production is encouraged to attend. Handicapped facilities are available. 2.00 hours of PCA credit (1.5 hours other & .5 hours laws/regulations) has been requested. For more information, please call Richard Buchner or Cindy McClain at the Farm Advisors Office 527-3101.

The \$15 registration covers lunch and meeting costs on a break-even basis.

***Please register by Thursday - January 31, 2013.***

--- Registration Form Enclosed or Register On-Line at: [cetehama.ucanr.edu](http://cetehama.ucanr.edu) go to 'Orchard Crops' - "Upcoming Meetings" ---

### **10<sup>TH</sup> Annual Tehama Prune Day**

CO-SPONSORED BY  
UC COOPERATIVE EXTENSION , TEHAMA COUNTY AG COMMISSIONER'S OFFICE,  
CALIFORNIA DRIED PLUM BOARD & SUNSWEET GROWERS INC.

***FRIDAY - FEBRUARY 8, 2013***

8:00 AM - 1:30 PM

Red Bluff Elks Lodge, 355 Gilmore Road, Red Bluff, CA

# PRUNE DAY SCHEDULE



**Friday - February 8, 2013**  
**Red Bluff Elks Lodge**



**8:00 AM --- REGISTRATION**

*- PCA and Private Applicator sign-ups  
- Pick up Lunch Tickets  
- Coffee and Doughnuts*

**8:30 AM --- HISTORY OF PRUNE PRODUCTION IN CALIFORNIA**

*by Joe Connell—UCCE Farm Advisor, Butte County*

**9:00 AM --- MONITORING AND MANAGEMENT OF PRUNE APHIDS USING  
SEX PHEROMONES**

*by Emily Symmes—Entomology, UC Davis*

**9:30 AM --- WEED CONTROL AND RESISTANCE MANAGEMENT**

*by Andrew Johnson—UCCE Almond Board of California Intern*

**10:00 AM --- TEHAMA COUNTY AG COMMISSIONER REGULATORY  
PRESENTATION AND UPDATE**

*by Doug Compton - Assistant Ag Commissioner*

**10:30 - 10:40 AM -- BREAK --**

**10:40 AM --- NITROGEN NUTRITION FOR PRUNE PRODUCTION**

*by Richard Buchner—UCCE Farm Advisor, Tehama County*

**11:10 AM --- PRUNE DISEASE MANAGEMENT**

*by Jim Adaskaveg—UCCE Plant Pathology —UC Riverside*

**11:40 AM --- PRUNE MARKETING UPDATE**

*by Donn Zea—Director of the California Dried Plum Board*

**12:15 PM --- BUFFET LUNCH - Only by Prepaid Reservation**

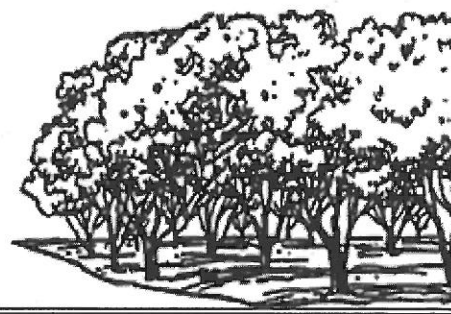
**QUESTION & DISCUSSION PERIOD**





# Almond & Walnut Notes

Agriculture & Natural Resources



## In this Issue:

- Winter Sanitation—Best Impact on Navel Orangeworm
- 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 1<sup>st</sup> 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**

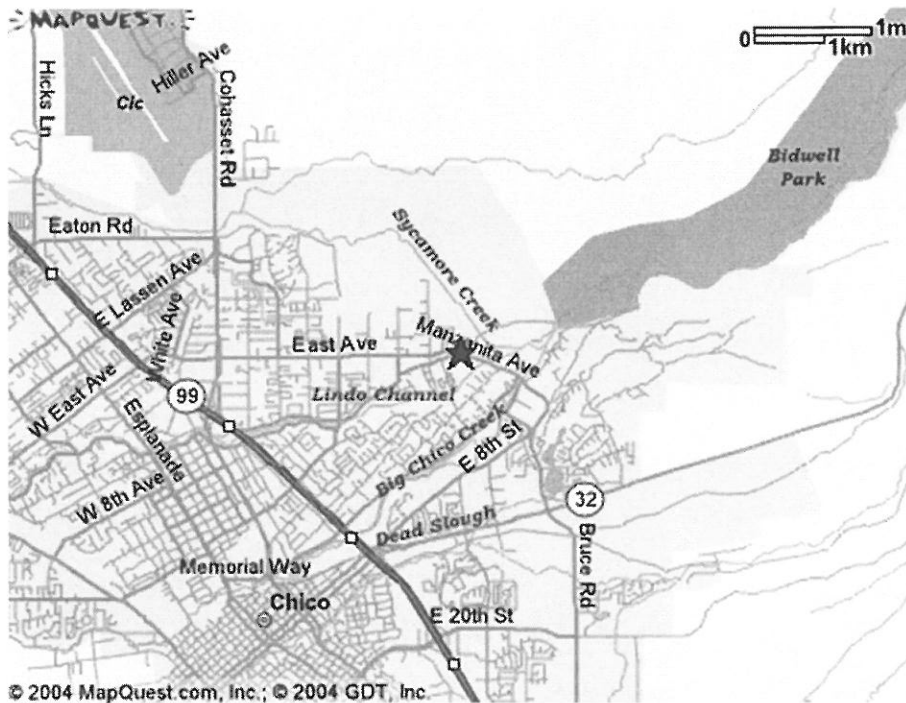
*for  
financial  
sponsorship  
of this meeting.*

**Continuing Education Credits Requested: 1.5 hours of Laws & 2.0 hours of Other**

## 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.

University of California  
Cooperative Extension  
Glenn County  
P. O. Box 697  
Orland, CA 95963



2013

# TEHAMA COUNTY WALNUT DAY

Register ON-LINE at <http://cetehama.ucanr.edu>

Quick  
& Easy

Select: "Orchard Crops" -- "Upcoming Meetings"

We now have ONLINE Credit Card Payment Options

\*\*\* Registrations need to be received by Friday-January 25, 2013 \*\*\*

**Cost \$15.00 per person**

\*\*\*\*\*OR\*\*\*\*\*

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

Mail to: UC Cooperative Extension - Walnut Day  
1754 Walnut Street  
Red Bluff, CA 96080

Name: \_\_\_\_\_ Amount Enclosed: \$ \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Day Phone: \_\_\_\_\_ Email: \_\_\_\_\_

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

\_\_\_\_\_  
For Questions or more information, contact:  
Richard Buchner or Cindy McClain  
(530) 527-3101

2013

## 10th Annual TEHAMA PRUNE DAY

Register ON-LINE at <http://cetehama.ucanr.edu>

Quick  
& Easy

Select: "Orchard Crops" -- "Upcoming Meetings"

We now have ONLINE Credit Card Payment Options

\*\*\* Registrations need to be received by Thursday-January 31, 2013 \*\*\*

Cost \$15.00 per person

\*\*\*\*\*OR\*\*\*\*\*

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

Mail to: UC Cooperative Extension - Prune Day  
1754 Walnut Street  
Red Bluff, CA 96080

Name: \_\_\_\_\_ Amount Enclosed: \$ \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Day Phone: \_\_\_\_\_ Email: \_\_\_\_\_

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

\_\_\_\_\_

For Questions or more information, contact:  
Richard Buchner or Cindy McClain  
(530) 527-3101

# 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 15<sup>th</sup> \*\*\***

**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:

\_\_\_\_\_  
\_\_\_\_\_