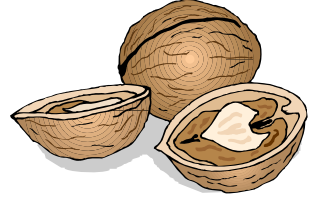




University of California ≈ Cooperative Extension
Sutter/Yuba Counties, 142A Garden Highway, Yuba City CA 95991
Tel: (530) 822-7515 ≈ Fax: (530) 673-5368
<http://cesutter.ucdavis.edu>



Orchard Notes

March 2009

Sacramento Valley Walnut Pruning Workshop

March 18th, 2009

At Nickels Soil Lab
Greenbay Rd., Arbuckle
10am - 12am

Topics:

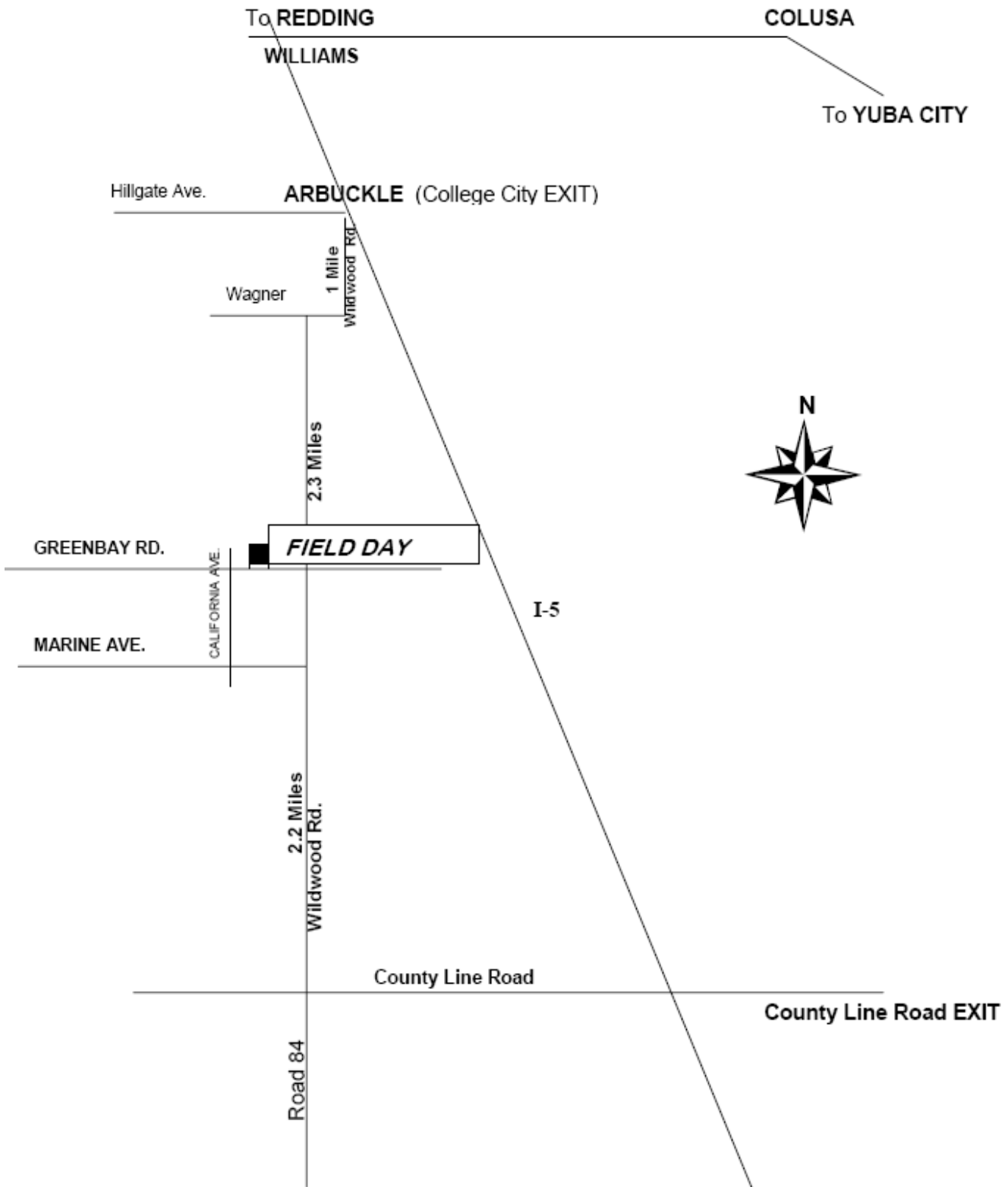
"Pruning One Year Old Walnut Trees
For Hedge Row and Standard Planting"
Janine Hasey, UCCE Farm Advisor, Sutter/Yuba



"Walnut Hedgerow Pruning,
Canopy Development and Yield"
Dr. Bruce Lampinen, Pomology Specialist, UC Davis

For more information contact:
UCCE Solano at 707-784-1320 or UCCE Sutter-Yuba at 530-822-7515

Directions to Nickels Soil Lab, Arbuckle



WALNUT DEHYDRATOR WORKSHOPS—2009

April 7 in Tulare

(Tulare County CE Office, 4437-B S. Laspina Street)

April 8 in Stockton

(San Joaquin County CE Office, 2101 E. Earhart, Ste. 200)

April 9 in Yuba City

(Sutter-Yuba Counties CE Office, 142 Garden Highway)

Time: 10 a.m.— 3 p.m. (registration opens at 9:30 a.m.)

Cost: \$50 per person, includes lunch and instructional materials

Register: on-line at <http://postharvest.ucdavis.edu>, or mail your payment using the form below, no later than March 24th.

- 10 am** **Electronic Sorters and Hullers-** Chris Sinclair, Woodside Electronics, Woodland, California
-How to use them effectively
- 10:30 am** **Dryers** – Jim Thompson, Bio. & Ag. Engineering Dept., UC Davis, and Don Osias, Applied Instrumentation, Walnut Creek, California
-Basics of design
-Energy efficient operation
-Strategies to increase capacity
- 12:15 pm** **Lunch** (provided)
- 1 pm** **New Dryer Designs** – Don Osias
-A look into the possibilities for new designs
- 1:30 pm** **Walnut Storage** – Jim Thompson
-Guidelines for maintaining nut quality
- 2 pm** **Food Safety** – Linda Harris, Food Science & Tech. Dept., UC Davis
-Good management practices in harvest, hulling and drying

Please register me for the Walnut Dehydrator Workshop on:

April 7 (Tulare) April 8 (Stockton) April 9 (Yuba City)

My check for \$50, payable to the "UC Regents" is enclosed.

Please charge my credit card.

Account _____ Expiration ___/___ CVC Code _____

Name _____ Address _____

Company _____ C/S/Z _____

Email _____ Phone _____

Postharvest Technology RIC, Dept. of Plant Sciences MS2, UC Davis, One Shields Ave., Davis, CA 95616. Phone: 530-752-6941 Email: postharvest@ucdavis.edu

Thousand Cankers Disease and Walnut Twig Beetle

I recently presented information on this disease complex at Sutter/Yuba/Colusa Walnut Day. The article below is from "Tree Topics" newsletter, February 2, 2009 issue by UC Farm Advisor Bill Coates. If you see black walnut trees with dieback or dying suddenly, please call me.

As if we didn't have enough to worry about, a new disease of black walnuts may become a problem in California. Thousand Cankers Disease infects several species of black walnut probably including our rootstock variety, Northern California black walnut (*Juglans hindsii*). The disease includes two identified fungi – (*Geosmithia* sp. and *Fusarium solani*). It is spread by a tiny beetle called the walnut twig beetle (*Pityophthorus juglandis*) which is similar to the shot hole beetle found locally. The disease causes large areas of foliage to rapidly wilt and large limbs to die. Many small cankers can be observed on the bark. In Colorado, black walnut has disappeared from some areas due to this disease complex. The beetle itself has been found in Los Angeles, Riverside, Tulare, Fresno, Yolo and Butte Counties. English walnut itself does not appear to be a significant host for the disease. For more information: <http://www.ppd.l.purdue.edu/PPDL/pubs/walnutthousandcankersdisease.pdf>



Helpful Websites

Very useful information for growers who will have limited water supplies for irrigation
<http://UCManageDrought.ucdavis.edu>

Xanthocast website for predicting Walnut Blight sprays
2009 Xanthocast indices and 0-5 day forecasts

<http://www.agtelemetry.com/Walnut-Blight-Forecast.php>

Username (i.e. e-mail address) and passwords have not changed.

Historical xanthocast and xanthocalculator data as per user have not changed.

<http://www.agtelemetry.com/Walnut-Blight-Calculator.php>



FINAL CHILLING HOURS:

2008-09	1084
2007-08	1108
2005-06	780
2004-05	994
2003-04	886
2002-03	779

Chilling hours recorded for hours below 45° F model at our office in Yuba City on Garden Highway starting November 1 and ending on February 28.

Newsletter Submitted By: Janine Hasey, U.C. Farm Advisor