



your Lake County HORTICULTURAL NOTES

883 LAKEPORT BOULEVARD
LAKEPORT, CALIFORNIA 95453
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JANUARY 1989

INDEX 1987 AND 1988 NEWSLETTER ARTICLES

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KIWIFRUIT (a separate newsletter)

Kocide 101 Registered to Control Ice-Nucleating
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Kiwifruit Culture (book available)
Scheduling Kiwifruit Harvest
New UC Kiwifruit Specialist
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Kiwifruit Diseases - A Brief Update

December 1987
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Pear Psylla Resistance to Pydrin	April 1988
Proper Use of Orchard Heaters Saves Money (LCAQMD)	May 1988
Pear Cost Study (Sacramento County)	June 1988
Leaf Analysis for Pear and Walnut	July 1988
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WALNUTS

Walnut Growers - Do You have a Computer? (Farm Business Worksheets)	November & December 1987
Pruning Walnut Trees - Some Thoughts	December 1987
UC Cooperative Extension - Who and What are We? (Interview with UC Extension Specialist Dave Ramos)	December 1987
Dryland Walnut Pruning Tips	January 1988
UC/IPM Walnut Pest Management Guidelines	March 1988
Walnut Blight Control for Early Season Varieties	April 1988
Walnut Phytophthora Crown/Root Rot Survey	April 1988
Walnut Husk Fly...Once Again	July 1988
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Walnut Harvest (and Post-Harvest Tree Care)	November 1988
Walnut Deep Bark Canker - An Epidemic?	December 1988

ORCHARD AND VINEYARD - GENERAL

New Horticulture Advisor	November 1987
Grower Research/Education Priorities Survey (Form)	November & December 1987
In Memorium - Johannes L. Joos, Area Pest Management Specialist	November 1987
Orchard Thermometer Testing	February 1988
Pesticide Hotline Opened by EPA	February 1988
Frost Protection Factors	Feb. 29, 1988
Apple Pest Management Guidelines	Feb. 29, 1988
Research/Education Priorities - What You Said (Results of Grower Survey)	April 1988
Topic of the Year - Drought	May 1988
Part I: Tips to Save Water	
Part II: Strategies for Our Crops	
1988 Tasting of Summer Produce	May 1988
The Big Freeze - What Happened? (Co-authored by Art Horton, National Weather Service)	June 1988

ORCHARD AND VINEYARD-GENERAL (continued)

Any New Newsletter Subscribers Out There? (an Invitation to Hispanic Employees)	June 1988
Field Research - Results Often Come Slowly	July 1988
Low Volume Sprayers: What is Happening? (by Harold Kempen, Farm Advisor, Kern County)	September 1988
Applicants Sought for Ag Screening Committee (with application form)	October 1988
Burn Permit Reminder (LCAQMD)	December 1988
National Direct Marketing Conference and Trade Show	December 1988
Thank You for Your Cooperation	December 1988

ATTENTION: GROWERS!! FARM SAFETY UPDATE - SPANISH SESSION

On January 30, 1989 farm labor personnel will have the opportunity to be updated on the latest laws and regulations in their own language. There will also be a presentation on safe pesticide handling (including mixing, loading, and application) and a slide show on tractor accident prevention. Refreshments will be provided.

The new immigration laws have made your agricultural labor force a scarcer and valuable resource. Valuable means to be valued. I am asking all growers, especially those with permanent crew to encourage attendance at this meeting, even if it means paying them to attend. The Legislature, and thus CDFA, are only going to enact and enforce more laws and regulations, not less. The few hours of salary invested in worker education may save you hundreds or thousands of dollars in future fines.

The Ag. Department and Cooperative Extension can provide much better education with your cooperation. For this meeting to succeed we need your help and support. Contact Dave Niemann or me with questions or for more information. A Spanish agenda of the meeting is attached. Please xerox and give copies to those who should attend and/or post prominently with other personnel items.

THANK YOU FOR HELPING LAKE COUNTY AGRICULTURE ATTAIN AND KEEP OUR VALUABLE LABOR FORCE.

1987-1988 VITICULTURE AND ENOLOGY RESEARCH SUMMARY

Research projects funded by Wine Growers of California are summarized in a publication available from:

American Vineyard Foundation
P.O. Box 414
Oakville, Ca. 94562

ATTENTION! PESTICIDE USE AND WORKER SAFETY UPDATE
(PCA Credit Applied For)

This is a **MUST** for all agricultural employers.

DATE: Thursday, January 19, 1988

TIME: 9:30 a.m. - 3:00 p.m.
LUNCH INCLUDED - courtesy of Lake
County Department of Agriculture

PLACE: Clearlake Grange Hall, Finley

SPONSORS: Lake County Department of Agriculture
UC Cooperative Extension
Lake County Farm Bureau

A G E N D A

Pesticide Use: Worker Safety
Laws and Regulations Update

Dave Niemann
Agricultural Biologist
Lake County Dept.
of Agriculture

How to Develop and Carry Out an
Effective Worker Safety Program

Hector Aponte
Member Relations
California Farm Bureau

LUNCH

Educational Programs Available
to Growers

Patrick Marer
Senior Writer
UC IPM Manual Group
Davis

Safety Equipment and Publication
Display

All Sponsoring
Agencies

WALNUT PRUNING FIELD MEETING

DATE: Friday, January 20, 1988
(unless it rains HARD)

PLACE: Upper Lake orchards

WHO: Rachel Elkins, Lake Co. Farm Advisor
Wilbur Reil, Yolo Co. Farm Advisor
Alex Suchan, Upper Lake grower
Rafael Valadez, Suchan Ranch

Session I: Young, Terminal Bearing and Lateral Bearing
Trees (e.g. Vina, Chandler, Tehama)

1:00 - 2:30 - Ed Suchan Orchard

Elk Mountain Road off Hwy. 20 (turn at Treasure Cove
Pizza). On right side before first bend. Park at
Suchan Nursery (at bend).

We will discuss choosing main scaffolds and other
considerations for modified central leader trees.

Session II: Mature Terminal - Bearing Trees

3:00 - 4:30* - Chuck Manning Orchard

Elk Mountain Road to Pitney Lane, right turn to end of
Pitney Lane - orchard is on right side.

We will discuss results from demonstration trees pruned
in 1987, as well as prune more trees. Emphasis will be
on remedial pruning.

* Time and daylight permitting we will also discuss deep bark canker
and stress-related factors that are so prominent in orchards this
year. Come with questions, notebooks, and pencils!

UNIVERSITY OF CALIFORNIA - PUBLICATIONS OFFERED IN PAST NEWSLETTERS
(available at our office)

<u>TITLE</u>	<u>PUB. NO.</u>	<u>PRICE</u>	<u>NEWSLETTER ISSUE</u>
Beekeeping in California	2422	\$3.50	June 1988
Small-Scale Cold Rooms for Perishable Commodities	21449	1.00	June 1988
Walnut Husk Fly in the Home Orchard	21021	1.00	July 1988
Walnut Pest Management Guidelines		1.00	July 1988
*Integrated Pest Management for Walnuts, 2nd Edition	3270	17.00	July 1988
*Walnut Orchard Management	21410	25.00	July 1988
Pistachio Production	2279	5.50	September 1988
Safe and Effective Use of Pesticides	3324	30.00	September 1988
Christmas Tree Weed Control	21445	1.00	September 1988
A List of Bibliographies and a Selected List of Publications That Contain Bibliographies on Grapes, Wines, and Related Subjects	1923	5.00	September
Making Table Wine at Home	21434	5.00	September 1988
Grapevine Nutrition and Fertilization	4087	5.00	June 1988

* ordered on request

If you would like copies of past newsletters or a particular article, contact our office at 263-2281.

RESEARCH/EDUCATION PRIORITIES

<u>TOPIC</u>	Name (optional) _____			
	<u>CROP</u>			Other Crops (list)
	<u>Grapes</u>	<u>Pears</u>	<u>Walnuts</u>	
1. Rootstocks/varieties	_____	_____	_____	_____
2. Nutrition/fertilization	_____	_____	_____	_____
3. Spacing/trellising	_____	_____	_____	_____
4. Pruning/thinning	_____	_____	_____	_____
5. Irrigation	_____	_____	_____	_____
6. Pest Management	_____	_____	_____	_____
Insects	_____	_____	_____	_____
Diseases/nematodes	_____	_____	_____	_____
Weeds	_____	_____	_____	_____
Vertebrates	_____	_____	_____	_____
7. Pesticide application/ safety	_____	_____	_____	_____
8. Equipment/harvest operations	_____	_____	_____	_____
9. Post-harvest problems	_____	_____	_____	_____
10. Alternative practices/ sustainable agriculture (or organic methods)	_____	_____	_____	_____
11. Farm Management/Economics	_____	_____	_____	_____
12. Labor/personnel Management	_____	_____	_____	_____
13. Marketing	_____	_____	_____	_____
14. Computer applications in farming	_____	_____	_____	_____
15. Other	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____

Rate up to 5 choices per crop; 1 = most important; 5 = least important
 Comments:

SEGURIDAD EN LA AGRICULTURA

(la presentación será en español)

FECHA: Lunes, 30 Enero 1989

HORA: 1 a 4 p.m.

LUGAR: Clearlake Grange, Big Valley Road,
Finley

PATRONIZADO POR: Extencion Cooperativa
Universidad de California
Departamento de Agricultura
del Condado de Lake
Lake County Farm Bureau

P R O G R A M A

1:00 a 2:00 Introducción: ^{LOUEN} REGALS y Reglamentos
Actuales

David Niemann, Departamento de
Agricultura del Condado de Lake

Melanie Zavala, Coordinadora de
Entrenamiento, Universidad de
California

2:00 a 3:00 El Uso Seguro de los Pesticidas
Melanie Zavala

3:00 a 3:20 DESCANZO CON REFRESCOS Y DULCES

3:20 a 4:00 Cómo Evitar Accidentes con Tractores
(Juego de Diapositivos)

FIN

GROWER RESEARCH/EDUCATION PRIORITIES SURVEY - YEAR 2

Attached is the same grower survey I submitted to you last year. The results were very important in shaping our research and education program in 1988. Do you feel like you did last year? Did you neglect to fill it out last year? Here is your chance to give me your input. The form is pre-addressed; just add your address, a stamp, staple, and send it in.

For the crop(s) you grow, fill in the appropriate column(s) with choices rated 1 (most important) to 5 (least important). ONLY CHOOSE ONE ITEM FOR EACH RATING, so for each crop, you should then have chosen five topics.

THANK YOU VERY, VERY MUCH!!


1988 PEAR RESEARCH RESULTS

The final agenda for the meeting scheduled for February 7, 1989 at the Mendocino County Farm Bureau in Ukiah will be mailed separately in early January.

Presentations will summarize progress and results of California Tree Fruit Agreement sponsored research: codling moth mating disruption via pheromone confusion, reduction of ice-nucleating and fireblight bacteria using antagonistic bacteria, "soft" or selective (IPM) control programs, miticide resistance and new miticides, russet control, and insect growth regulators for codling moth control.

For growers who cannot attend this meeting a similar program will be held January 26, 1989 , 1:00 p.m. at Consumnes River College in Sacramento County.

Sincerely,



Rachel Elkins
Farm Advisor