



your *Lake County* HORTICULTURAL NOTES

JANUARY-FEBRUARY 1997

!! HAPPY NEW YEAR !!

⇒ **MARK CALENDARS** ⇐

(registration forms/agendas enclosed)

- February 19-20* **1997 Unified Wine and Grape Symposium, Sacramento**
(contact Executive Events, (916) 345-8593)
- February 23-25* **California Farm Conference, Riverside** (register by February 15)
(contact UC Small Farm Center, (916) 752-8136)
- February 24* **ESTABLISHING A VINEYARD IN LAKE COUNTY, *Part 1***
- February 26* **1997 LAKE-MENDOCINO PEAR RESEARCH UPDATE**
- March 3* **ESTABLISHING A VINEYARD IN LAKE COUNTY, *Part 2***
- March 7* **Hands-on Pesticide Application Workshop, Ukiah**
(English and Spanish sessions)
call Dana Edson at UC Hopland Research and Extension Center,
(707) 744-1424 for information or to register

WINTER MEETINGS SCHEDULED

As Lake County agriculture enters one of the most optimistic periods in its history, growers should take advantage of every opportunity to increase their knowledge. Today, more than ever, **KNOWLEDGE IS POWER**. To remain competitive, gaining and **utilizing** information will be the key to success. Growers, AND THEIR HIRED PERSONNEL, **must** invest time and financial resources to learn as much as possible about all aspects of their crop and business.

Pear and winegrape meetings have been scheduled (see attached agendas and registration forms). Walnut meeting will be held in late March or early April, **before** blight season.



For all growers, the highly popular and effective *Hands-on Pesticide Application Workshop* will be held at the Mendocino County Fairgrounds in Ukiah on March 7. SIGN UP EARLY for this one - it has sold out each year it has been held (1993 in Lakeport, 1995 in Hopland).

To all our long-time clientele, and to all our **new** clientele, U.C. Cooperative Extension staff wishes all of Lake County agriculture a smooth and **profitable** 1997!

ORCHARD AND VINEYARD THERMOMETER TESTING

It's that time of year again! This year, the Lake County Department of Agriculture will test thermometers. The schedule is as follows:

Monday, February 24-26	Bring thermometers into UCCE office
Wednesday-Thursday, March 5-6	Thermometers will be tested
Friday, March 6	Pick up thermometers

As always, a new thermometer tag will be provided when you bring them in. **PLEASE BE SURE ALL OLD TAGS ARE REMOVED PRIOR TO BRINGING THERMOMETERS IN.** Thermometers will not be tested without a new tag on each one. Feel free to stop in ahead of time and pick up a supply if you like. The following instructions were provided by the National Weather Service Meteorologist:

- ① Store and transport thermometers in a **sturdy box or container with the bulb end down**. This will help prevent separation. Do not store or transport in a paper or plastic bag.
- ② Thermometers must be clean of chemicals and dust or they will not be tested.
- ③ **Do not use rubber bands or wire to tie the thermometer testing tags to the thermometers.** Twine is the only acceptable material. Tags should be tied to the top of the thermometer, not the bulb end. The bulb end is emersed in water during testing.
- ④ Have your name clearly marked on the thermometer testing tag (for identification purposes).

Fruit Frost Report recordings are furnished by the Agricultural Commissioner's office. This year, they will begin SATURDAY, MARCH 1. The telephone numbers are available to commercial growers by calling the Ag Commissioner's office at 263-0217, the Farm Advisor's office at 263-6838 or your local pear packing shed or winery. For your ease in accessing the recordings, these numbers are unlisted and not available to the general public. **PLEASE KEEP THEM CONFIDENTIAL!** The general public will have access to the reports from local radio stations. Details of the radio broadcasts will be made available when they are known.

Those wishing to test their own thermometers may contact our office for instructions.

ESTABLISHING A VINEYARD IN LAKE COUNTY

Part 1: Finding money and getting started

Monday, February 24, 1997

- 8:30 a.m. *REGISTRATION AND COFFEE***
- 9:00 *Welcome and Introductions***
Rachel Elkins, UC Cooperative Extension (UCCE) Farm Advisor, Lake County
- 9:10 *Role of the Lake County Winegrape Commission and Lake County Grape Grower Association***
Shannon Gunier, Executive Director, LCWGC
Rob Roumiguere, President, LCGGA
- 9:20 *Technical Information Needs and Resources***
* *Specific site factors and UCCE resources*
Rachel Elkins
* *Farm Services Agency and Natural Resources Conservation Services Assistance and resources*
Len Kashuba, District Conservationist, USDA Natural Resource Conservation Service, Lake County
Katie Delbar, Executive Director, USDA Farm Services Agency, Ukiah
* *Water needs and development*
Dr. Larry Schwankl, Extension Irrigation Specialist, UC Davis
Steve Zalusky and Kim Seidler, Lake Co. Community Development Dept.
* *Questions and Discussion*
- 10:45 *BREAK***
- 11:00 *Financing the Plan***
* *Successful financing*
Todd Bassett, Clearlake National Bank
Chuck Fisher, Pacific Coast Farm Credit Services
Jim Hamilton, Lake Community Bank
* *Developing a budget*
Mike Fisher, Motto, Kryla and Fisher, St. Helena
* *Winery contracts*
Peter Windrem, Attorney-at-Law, Lakeport
* *Questions and discussion*
- 12:30 *LUNCH (by Konocti Catering)***
- 1:30 *Working with a Winery***
* *What the winemaker is looking for*
Dave Rosenthal, Redwood Valley Cellars, Redwood Valley
* *Quality factors for Lake County Sauvignon blanc and Cabernet Sauvignon*
Rachel Elkins
* *Role of the grower relations representative*
Speaker TBA
* *Questions and discussion*
- 3:00 *ADJOURN -- reception***

ESTABLISHING A VINEYARD IN LAKE COUNTY
Part 2: Deciding what to grow and how to grow it
Monday, March 3, 1997

8:00 a.m. *REGISTRATION AND COFFEE*

8:45 *Welcome and Introductions*

Rachel Elkins, UC Cooperative Extension, Lake County
Shannon Gunier, Executive Director, Lake County Winegrape Commission

9:00 *Vineyard Establishment Considerations*

** Establishment and production costs*

Pete Livingston, Dept. of Agricultural Economics, UC Davis
Rachel Elkins

** Hillside vineyard development*

Dennis Bowker, District Conservationist, Napa County Resource
Conservation District, Napa

** Trellis options and costs*

David Parrish, A & P Ag Structures, Inc., Visalia

** Questions and discussion*

10:30 *BREAK*

10:40 *Choosing and Obtaining Vines*

** Rootstocks, varieties and clones*

Dr. Jim Wolpert, Chair and Extension Viticulturist, Dept. Viticulture &
Enology, UC Davis

** Choosing quality plants*

Ed Weber, UCCE Farm Advisor, Napa County

** Propagation options and working with the nurseries*

Daniel Robledo, Viticulturist/Grower Relations Representative,
Sonoma Grapevines, Santa Rosa

** Questions and discussion*

12:30 *LUNCH* (by Konocti Catering)

1:30 *Farming Winegrapes in Lake County (Panel)*

- Ron Bartolucci, Finley
- Mark Houser, Kendall-Jackson, Santa Rosa
- Dave Tuttle, Beringer Clear Mountain Vineyard, Kelseyville
- Bill Pickering, Guenoc Vineyards, Middletown
- Walt Lyon, Kelseyville

3:00 *ADJOURN -- reception*

**ESTABLISHING A VINEYARD IN LAKE COUNTY
A TWO-PART PROGRAM**

Part 1: Finding money and getting started

February 24, 1997 - 8:00 a.m. to 3:00 p.m.

Part 2: Deciding what to grow and how to grow it

March 3, 1997 - 8:30 a.m. to 3:00 p.m.

WHERE: Lakeport Lions Club
2495 Parallel Drive, Lakeport

SPONSORS: University of California Cooperative Extension
Lake County Winegrape Commission
Lake County Grape Growers Association

COST: \$25.00 per person each session (includes lunch and reception)
OR
\$40.00 per person for both sessions (includes lunch and reception)

-----X-----X-----X-----X-----

REGISTRATION FORM

Yes, I would like to attend *Establishing a Vineyard in Lake County* - Please sign me up for:

- ☐ Part 1 on February 24, 1997 at \$25.00 per person
☐ Part 2 on March 3, 1997 at \$25.00 per person
☐ BOTH Part 1 and Part 2 at \$40.00 per person

Name _____

Name _____

Name _____

My check is enclosed for: _____ people @ \$25.00 each
_____ people @ \$40.00 each \$ _____ Total enclosed

Make check payable to: **LCWGC** and mail to: LCWGC
P. O. Box 877
Lakeport, CA 95453

For further information contact: **Rachel Elkins, UCCE** at (707) 263-6838 or
Shannon Gunier, LCWGC at (707) 995-3421

1997 LAKE-MENDOCINO PEAR RESEARCH UPDATE

**Wednesday, February 26, 1997
Lakeport Lions Community Hall, Lakeport**

SPONSORED BY

University of California Cooperative Extension
California Pear Advisory Board
Pear Pest Management Research Fund

PROGRAM

(4.5 hours continuing education applied for)

8:00 a.m. *REGISTRATION AND COFFEE*

8:45 *Welcome and Introduction*

Rachel Elkins, UC Cooperative Extension, Lake County

**9:00 *Development of Risk Monitoring Tools for Codling Moth in Mating
Disrupted Orchards***

*Development of Resistance Management Strategies within Mating Disrupted
Orchards*

*Resistance Monitoring in Mating Disrupted Orchards in Mendocino
Areawide Project and Surrounding Orchards*

Dr. Steve Welter, Dept. Environmental Science, Policy and Management
(ESPM), UC Berkeley

9:30 *Importing Parasitoids for Areawide Management of the Codling Moth in Pears*

*Trichogramma Augmentation as a Component of the Management of Codling
Moth in Pears*

Dr. Nick Mills, Dept. ESPM, UC Berkeley

10:00 *Codling Moth Management through Post-harvest Control*

Dr. Robert Van Steenwyk, Extension Entomologist, Dept. ESPM, UC Berkeley

10:20 **BREAK**

10:40 *Control of Fire Blight and Fruit Russet Using Cultural and Biological Controls*

Dr. Steve Lindow, Dept. Plant and Microbial Biology, UC Berkeley

- 11:10 ***Disruption of Pheromone Communication for Control of Codling Moth in Pears using "Puffers"***
 Dr. Harry Shorey, Dept. of Entomology, UC Riverside
- 11:40 ***Mendocino County USDA Area-wide Mating Disruption Project***
 Dr. Lucia Varela, North Coast Area IPM Advisor, Santa Rosa
- 11:55 ***Late-season Pheromone Hanging to Reduce Overwintering CM Populations***
 Rachel Elkins
- 12:10 **LUNCH** (optional - pre-registration required)
- 1:10 ***Developing Plant Water Status Measurements as a Diagnostic Tool to Identify Impairment of Root Function in Pear Trees***
 Dr. Ken Shackel, Dept. of Pomology, UC Davis
- 1:30 ***Studies in the Biology and Control of Oak Root Fungus***
 Dr. Dave Rizzo, Dept. of Plant Pathology, UC Davis
- 2:00 ***Low Water Potential in Pears: Relations to the Root System***
 Dr. Oenes Huisman, Dept. ESPM, UC Berkeley
- 2:20 ***Electronic Weather Monitoring and Disease Forecasting for Pear Scab***
 Glenn McGourty, UCCE, Mendocino County
- 2:40 ***Review of International Pear Symposium and Pear Growing in Chile***
 Rachel Elkins
- 3:00 **BREAK**
- 3:15 ***Improving Uniformity of Firmness in Ripening Cannery Pears***
 Dr. Elizabeth Mitcham, Extension Post-harvest Specialist, UC Davis
- 3:40 ***Post-harvest Physiology and Quality Maintenance of Fresh Cut Pears***
 Dr. Adel Kader, Dept. of Pomology, UC Davis
- 4:00 ***Feasibility of Producing Sparkling Pear Cider From Juice Quality Pears***
 Glenn McGourty
- 4:20 **ADJOURN**

1997 LAKE-MENDOCINO PEAR RESEARCH UPDATE

- WHEN:** Wednesday, February 26, 1997
8:00 a.m. to 4:20 p.m.
- WHERE:** Lakeport Lions Community Hall
2495 Parallel Drive, Lakeport
(west side of Hwy. 29, just north of Hwy. 175 stoplight)
- COST:** \$6.00 - includes refreshments and deli lunch
(cost is optional - you may lunch on your own if you prefer)
- SPONSORED BY:** University of California Cooperative Extension
California Pear Advisory Board
Pear Pest Management Research Fund

PROGRAM

(see attached for detailed agenda)

- 8:00 a.m. **REGISTRATION AND COFFEE**
- 9:00 **PRODUCTION RESEARCH PROGRAM**
- 12:00 **LUNCH** (for in-house lunch please use registration form below)
- 1:00 p.m. **PRODUCTION RESEARCH (continued)**
- 3:15 **POST-HARVEST RESEARCH PROGRAM**
- 4:20 **ADJOURN**

LUNCHEON RESERVATION FORM

(fees will be collected at event)

Please reserve _____ lunches for the 1997 Pear Research Update:

Name _____	Phone # _____
Name _____	Phone # _____
Name _____	Phone # _____

Return this form by **FEBRUARY 21** to:

Rachel Elkins, UCCE
883 Lakeport Blvd.
Lakeport, CA 95453
(707) 263-6838
(707) 263-3963 - FAX

Fourteenth Annual



CONFERENCE



**Riverside Convention Center,
Riverside, CA
February 23-25, 1997**

**Accommodations are available
at the historic Mission Inn**
(call 1-800-843-7755 for \$69.00
room rate).

For complete registration
information (including Tours and
Short Courses) write or call
Mary Lou at
310-618-2930.

**14th Annual
California Farm Conference
3031 Torrance Blvd
Torrance CA**

REGIONAL FOOD & WINE TASTING

A Taste of California Grown
Sunday Feb. 23

Celebrate the relationship between regional farms
and the best restaurants in the
Riverside area.

SPEAKERS

Frieda Caplan
Frieda's Finest, Los Angeles, CA

W. R. Gomes
*Agriculture & Natural Resources,
University of California*

Lon Hatamiya
Agricultural Marketing Service, USDA

SHORT COURSES

Managing a Certified Farmers' Market:
The Basics

Compost Production

Drip Irrigation for Vegetables
(Beginning Level)

Developing a Farm Business Plan
Starting a Farm

WORKSHOP TRACKS

Certified Farmers' Markets
General Marketing
Crop Production
Sustainable Production
Farm Management

TOURS

Pomona Food Security Tour
Coachella Valley Farm Tour
Western Riverside County Agricultural Tour
UC Riverside Campus/Citrus Tour
Los Angeles Wholesale Market Tour

TRADE SHOW

Discover new products, services and sources of
information at the Trade Show.

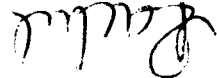
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Oakland, CA 94612-3560

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USDA
Permit No. G-00268

Enclosed are items that may be of interest to you.

Sincerely,



Rachel Elkins
Farm Advisor

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