



# your *Lake County* HORTICULTURAL NOTES

OCTOBER-NOVEMBER 1994  
PART 1

## !!! MARK CALENDARS !!!

### *December 8* WINEGRAPE CANOPY MANAGEMENT

Clear Lake Grange, Finley

Register by November 23

(see page 9)

### *December 15* 1995 Restricted Use Permit Exam

Clear Lake Grange, Finley

Contact Agriculture Dept. at 263-2271

## ***LIKE ALL OF YOU.....WE'RE CATCHING UP!***

It has been awhile since the last **Hort Notes** and there is much to catch up on. Thus, there will be two issues back-to-back. This one is devoted to available resources, either from our office or other sources. Look all items over carefully and contact us if there is anything that interests you.

Articles in the second half of the October-November edition will cover oak root fungus in pears, grape vine clean stock program, potassium nutrition, walnut pests (codling moth, frosted scale, walnut aphid and walnut blight) and winter injury potential/control.



***PEAR PRUNING ARTICLE TRANSLATED INTO SPANISH***

*contact our office or Pear Advisory Board at (916) 441-0432  
for either English or Spanish versions*

With the financial support of the Pear Advisory Board, the following article was translated into Spanish by Mr. Roberto Lozano of Kelseyville.

This is our first effort at translating practical, technical information for Spanish-speaking ag personnel. We would appreciate you and your employees' reaction to this effort. If it is successful, more will be forthcoming.

***TRAINING AND PRUNING OF  
PEAR TREES  
IN COUNTRIES CHARACTERIZED  
BY LONG HOT SUMMERS  
AND WHERE DWARFING ROOTSTOCKS  
CANNOT BE USED  
OR ARE NOT AVAILABLE***

***ENTRENAMIENTO Y PODA DE LOS  
PERALES  
EN PAISES CARACTERIZADOS  
POR VERANOS LARGOS Y CALIENTES  
Y DONDE NO PUEDEN USARSE  
O NO SE CONSIGUEN  
CEPAS O PATRONES ENANOS***

The article was written by UC-educated Dr. Dan Strydom of South Africa, a noted horticulturist. It was presented at the July 1993 *6th International Pear Symposium on Pear Growing* in Medford, Oregon. Dan has given several PAB-sponsored pear training and pruning demonstrations in California. His last visit to Lake County was January 21, 1994. Hopefully, there will be a 1994-95 demonstration, in which case it may be helpful to have your pruning foreman read Dr. Strydom's article before attending the meeting.

When reading and discussing the concepts detailed in the article, it is important to remember that every year and every orchard is different. Dan's ideas, like any expert's, may or may not fit your particular situation. Before adapting a practice, try it out in a small area of your orchard. Of course, I would be happy to discuss any of the concepts or provide assistance analyzing your situation or practicing his techniques.

## **MORE PEAR PRODUCTION RESOURCES**

*contact our office for any of these*

### **1994 Lake County Pear Research Field Day** handouts (free)

- A506 to control fireblight, frost and russet
- rootstocks
- mating disruption/Trichogramma to control codling moth

### **Sixth International Symposium on Pear Growing - Program and Abstracts** (\$6.15)

topics include breeding, production systems, world production, rootstocks, pest/disease management, quality improvement and post harvest management.

### **Pear Production 1978 - USDA Ag Handbook #526** (free)

general overview of U.S. pear production, including growing areas, site evaluation, rootstocks, varieties, cultural practices, pests/diseases, harvest/handling and references.

## **APPLE COST OF PRODUCTION STUDIES**

*contact our office*

For those of you interested in "experimenting", these are available:

**Production Practices and Sample Costs for Fresh Market Organic Apples-  
North Coast**                      \$1.60

**Production Practices and Sample Costs to Produce Organic Apples for  
the Fresh Market-Central Coast**                      \$1.50

A cost study for non-organic apples in Sonoma County is in progress. Also, contact me for information on other aspects of apple growing - our collection is growing.

## **FINANCIAL MANAGEMENT RESOURCES**

Immediately post-harvest seems like a poor time to bring up the subject, but farming *is* a business and financing is perhaps the key concern of modern day growers.

Perhaps due to pressure from financial institutions, as well as lean economic times in general, there has appeared a flurry of new available resources. Here is a selection; contact us for details:

## Publications

### ***Financial Management Program Publications***

UC Davis Department of Ag Economics  
(contact our office for these)

### **Financial Management Notes**

- No. 2: "Mortgage News: 'Biweekly', 'Stable' and Refinancing", by Steve Blank, March 1991
- No. 3: "'Farmer Mac': New Agricultural Real Estate Loans", by Steve Blank, April 1991
- No. 4: "Agriculture's 'Credit Crunch'", by Steve Blank, May 1991
- No. 5: "Farming for Cash Flow", by Steve Blank, October 1991
- No. 6: "When Will the Economic Malaise End?: The 1992 Financial Outlook for California Agriculture", by Steve Blank, December 1991
- No. 8: "Year-End Tax Tips for Agriculture", by Steve Blank, October 1992
- No. 9: "Agriculture's 'Credit Crunch', Again", by Steve Blank, December 1993

### **Financial Management Topic Papers**

- No. 1: "Evaluating and Managing Risks in California Crop Production", by Steve Blank, February 1991
- No. 2: "Introduction to Estate Planning in Agriculture", by S. Blank, M. Shepherd and L. Forero, February 1991
- No. 3: "Owning Walnut Harvesting Equipment Versus Custom Hiring: A Financial Analysis", by S. Blank, K. Norris and K. Klonsky, February 1991, revised August 1991
- No. 4: "Conducting Economic Feasibility Studies", by Steve Blank, March 1991
- No. 5: "Variability of Income Risk Across Crops and Locations", by Steve Blank, November 1991
- No. 9: "How to Develop a Business Plan", by Steve Blank, March 1993

## Courses and Conferences

### **13th Annual Agribusiness Management Conference**

Thursday, November 10, 1994 - Fresno

\$70 by November 4/\$85 after November 4

contact: CAB, Cal State Fresno  
(209) 278-4405

### **The Executive Program for Agricultural Producers**

January 25-February 4, 1995; 2 units

Barton Springs Resort, Texas \$2500/unit

includes lodging/meals, airport transportation, materials

contact: Dr. Danny Klinefeller

Dept. of Ag Economics

Texas A&M University

College Station, TX 77843-2124

(409) 845-7171 FAX (409) 847-1378

### **Understanding Agricultural Leases**

Saturday, March 4, 1995 - UC Davis

\$85 (includes lunch)

contact: UNEX at 1-800-752-0881

## Financial assistance for beginning farmers

### **- USDA FmHA**

- farm ownership down payment loans

- special operating loans

contact FmHA Ukiah office at 462-2916

### **- AgLink**

- database to link beginning/existing with retiring farmers

- regular newsletter

- consultation on real estate/financing

contact: Jane Barstow

P. O. Box 1

Ballico, CA 95303

(209) 634-8849 or (800) 588-LINK

## **VITICULTURAL RESEARCH PUBLICATIONS**

*contact our office*

American Society of Enology and Viticulture (ASEV) sponsors periodic seminars and publishes complementary proceedings. The following are available:

***Cover Crops: A Practical Tool for Vineyard Management* \$25**

This booklet was prepared for a Seminar held at the 44th ASEV Annual Meeting, 1993. Topics addressed include beneficial insects, in-row weed management, water relations, wine quality and cover crops and managing cover crops.

***Proceedings - "Rootstock Seminar, A Worldwide Perspective"* \$40**

The Seminar, held June 24, 1992 in Reno, Nevada, featured international and domestic speakers who presented perspectives on current and historical rootstock use and selection. Issues such as rootstock resistance to pests and diseases, suitability to particular soil conditions, drought tolerance and vigor considerations are addressed in this publication.

***Alternative Rootstock Update* \$15**

This booklet provides a general introduction to rootstock use and selection. This booklet was prepared for an ASEV workshop held in April, 1991.

***Vineyard Pest Management: Alternatives for the Future* \$15**

This booklet provides a general overview of pest management with a discussion of Integrated Pest Management (IPM) and organic farming. Compiled for the ASEV workshops held in May, 1992.

***Proceedings - "International Symposium on Nitrogen in Grapes and Wine"* \$50**

The Proceedings contain the keynote and poster presentations of the speakers at the June, 1991 Symposium. The role of nitrogen both in vineyards and the winery is discussed in the 49 scientific articles.

Each year there is an ASEV meeting. In 1994, the results of the rootstock trial at Kendall-Jackson Vineyards in Lakeport were presented. Research abstracts on this and many other subjects are printed in the Technical Abstracts and also recorded onto audio cassettes (two presentations per cassette, \$7.00). Contact us for the list of presentations available from the 1994 meeting.

Finally, we have handouts distributed at the bi-annual Recent Advances in Viticulture and Enology (RAVE) Symposium at UC Davis. 1993 topics included a review of UC Davis departmental research, rootstock spacing for Cabernet Sauvignon, windbreaks, trellises

for San Joaquin Valley, potassium deficiency effects, breeding for phylloxera resistance and clonal evaluation trials.

### **NEW UC PUBLICATIONS**

*contact our office*

Since the 1993 publications catalogue was printed, there have been quite a few new publications printed. Among those potentially relevant to Lake County agriculture are:

1933	<b>Cost Comparison between Electric Motors and Engines for Irrigation Pumping</b>	\$ 3.00
1933s3	<b>1993, with MS DOS, 3.5" diskette</b>	23.00
1933s5	<b>1993, with MS DOS, 5.25" diskette</b>	23.00
1933m	<b>1993, with Macintosh, 3.5" diskette</b>	23.00
21516	<b>Producing Olive Oil in California</b>	5.00
3344	<b>Kiwifruit Growing and Handling</b>	25.00
3353	<b>Olive Production Manual</b>	28.00
3359	<b>Pests of Landscape Trees and Shrubs: An Integrated Pest Management Guide</b>	32.00
GF 94-2	<b>Cultural Practices and Sample Costs for Organic Vegetable Production on the Central Coast of California</b>	10.00

### **OTHER PUBLICATIONS OF INTEREST**

*contact our office*

#### ***Valuing UC Agricultural Research and Extension*** AIC Publ. No. VR-2

In this time of tight budgets and cost cuts, this report is a reminder to Californians of the contribution of ag research and extension to the state economy. Those who value and benefit from UC ag R & E would do well to read this report.

#### ***The Walnut Germplasm Collection of the University of California, Davis; a description of the collection and a history of the breeding program of Eugene F. Serr and Harold I. Forde***

##### **Genetic Resources Conservation Program Report No. 1.3**

Every walnut grower will find this a fascinating and informative detailed review of the varieties developed and released by U.C. Local growers should be proud that this beautiful report was made possible by the encouragement and financial support of long-time southern Lake County walnut grower Robert Livermore.

## **UNIVERSITY EXTENSION (UNEX) VITICULTURE COURSES**

*call UNEX at 1-800-752-0881*

*all courses include materials and lunch*

### **Introduction to Grapevine Disease and Identification**

Monday, November 21      UC Davis      \$120

### **Advanced Topics in Grapevine Disease and Identification**

Tuesday, November 22      UC Davis      \$100

### **Establishing the Home Vineyard**

Saturday, December 3      UC Davis      \$ 95

### **Introduction to Wine Analysis**

Saturday, December 10      UC Davis      \$145

## **UNIVERSITY EXTENSION (UNEX) COURSES**

*call UNEX at 1-800-752-0881*

*all courses include materials and lunch*

### **Apple/Pear Pest Management**

#942E125      Thursday, November 17      \$125      UC Davis

### **Pesticides: Principles and Resistance Issues**

#942E122      Tuesday, November 29      \$85      UC Davis

### **Future of Pesticides: Regulatory and Risk Issues**

#942E121      Wednesday, November 30      \$95      Fresno

### **Fungicides in Plant Disease Management**

#942E126      Thursday, December 1      \$85      UC Davis

### **2nd Annual Pest Science Conference**

#942E120      December 6-7      \$95      UC Davis

### **Irrigation and Nutrient Management Conference**

#943E160      Thursday, February 2, 1995      \$40      Salinas

### **Soil and Water Testing in Crop Management**

#943E100      Wednesday, February 15      \$95      Fresno

### **Interpreting and Applying Soil, Water and Plant Analyses:**

#### **A Small Group Workshop**

#943E101      Thursday, February 16      \$95      Fresno



# WINEGRAPE CANOPY MANAGEMENT

Thursday, December 8, 1994  
Clear Lake Grange #680, Finley

*Sponsored by:*

University of California Cooperative Extension  
Lake County Winegrape Commission Research Committee  
Lake County Grape Growers Association

## PROGRAM

- 8:30 A.M.    Registration, coffee and muffins
- 9:00        Welcome, introduction to program  
             Rachel Elkins, UCCE Farm Advisor, Lake County  
             John Roumiguere, Chair, LCWGC Research Committee
- 9:15        LCWGC Update and Plans for the Future  
             Shannon Gunier, Executive Director
- 9:30        Canopy Management - What Have We Learned and Where Are  
             We Going? An Overview of Research and Implementation  
             Dr. Mark Kliewer, Professor, Dept. of Viticulture and  
             Enology, UC Davis (Emeritus)
- 10:40       BREAK
- 11:00       Canopy Management Roundtable  
             an informal discussion; *everyone* is encouraged to participate
- Discussion Leaders  
             Diane Kenworthy, Viticulturist, Simi Winery, Healdsburg  
             Mark Kliewer  
             Jeff Lyon, Gallo-Sonoma, Healdsburg  
             John Roumiguere, Roumiguere Vineyards, Lakeport
- 12:00       LUNCH
- 1:00 P.M.   The UC Davis Extension Enology Program - Current and Future  
             Directions  
             Dr. Christian Butzky, Extension Enologist, Dept. of  
             Viticulture and Enology, UC Davis
- 2:00        ADJOURN

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### REGISTRATION FORM - Winegrape Canopy Management

Name \_\_\_\_\_ Phone # \_\_\_\_\_

Mailing Address \_\_\_\_\_

# of persons attending \_\_\_\_\_ X \$6.00    TOTAL ENCLOSED \_\_\_\_\_

Make checks payable to LCWGC and mail to attn: Joline Silva, LCWGC  
65 Soda Bay Road;  
Lakeport, CA 95453

Registration deadline: Wednesday, November 23

For further information, contact UCCE at 263-2281 or LCWGC at 995-3421 or 263-0911

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U.S. Dept. of Agriculture  
University of California  
Oakland, CA 94612-3560

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Here is your most recent edition of HORT NOTES.

*Rachel B. Elkins*

Rachel Elkins  
Farm Advisor

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Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Kenneth R. Farrell, Director of Cooperative Extension, University of California.