



your Lake County HORTICULTURAL NOTES

FEBRUARY 1996

Part II

→ MARK CALENDARS ←

contact us

FEBRUARY 26

PREPARING FOR THE 1996 FROST SEASON

(agenda in February Part I issue)

MARCH 4

Bring thermometers in for testing

1995 HORT NOTES INDEX

(contact us for back issues or articles)

GRAPES

Background on Harmony Rootstock Warning	January
Relationship of Crop Load to Yield and Vegetative Growth in Grapevines	March
University Extension offers Rhone Varietal Class	April
Interpreting Bloom-time Grape Petiole Analysis	June
Highlights of the American Society of Viticulture and Enology Annual Meeting	July
University Extension (UNEX) Winegrape Courses	Sept.-Oct. I
Eutypa Dieback of Winegrapes (and UC Guidelines)	December II
Measles - Another Frustrating Vineyard Malady (and UC Guidelines)	December II

PEARS

Pear Pruning Article Translated into Spanish	January
<i>- Training and pruning of pear trees in countries characterized</i>	



by long hot summers and where dwarfing rootstocks cannot be used or are not available by Dr. Dan Strydom

- 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

Lake-Mendocino 1994 Pear Research Review (agenda)	January
1994 Lake-Mendocino Pear Research Meeting (summary and availability of reports)	Feb.-March
Fruit Set in Bartlett Pears - Pollination vs. Parthenocarp	April
New Lake County Pear Cost Study	April
Lake and Mendocino Pear Full Bloom Temperatures	May
Oblique-banded Leafroller in Pears	May
Why is Pear Psylla so Difficult?	June
Some Final Thoughts on the 1995 Pear Crop	August
1995 UC Pear Production Short Course.*	August
UC Pear Short Course Reminder	Sept.-Oct. I
Pear Wood Buyer	Sept.-Oct. II

WALNUTS

Various (But Similar) Thoughts on Pruning Walnuts	March
- Pruning walnut trees	
- Pruning young walnuts: thoughts from my windshield	
Cultivar and Selection Evaluations (Spring and Harvest 94)	
UC Davis Walnut Breeding Project	March
1995 Lake County Walnut Update (agenda)	April
Walnut Blight - UC Pest Management Guidelines	April
Choose Your Walnut Variety with Bloom Weather in Mind	June
Downy Leaf and Fruit Spot of Walnut	August
1995 UC Walnut Production Short Course	August
Non-productive Chandler Trees	Sept.-Oct. II
I. Off-type Chandler	
II. Handling Off-type Chandler	
Walnut Harvest Considerations	Sept.-Oct. II

ORCHARD AND VINEYARD - GENERAL

Orchard and Vineyard Thermometer Testing	Feb.-March
Proper Orchard Heater Maintenance and Operation	Feb.-March
Effect of Orchard Floor Condition on Temperatures	Feb.-March
Is it Safe to Combine Wind and Under-tree Sprinklers?	Feb.-March
Effect of Dew Point on Air Temperature	Feb.-March
Frost Protection Factors	Feb.-March
The Lake County Agricultural Commissioner's Involvement With the Management of Common Orchard Pests	May
Irrigating Young Trees	May
Local Fruit Frost Program in Jeopardy	May
UCIPM Pest Management Guidelines (apple, grape, pear, walnut)	August

Effects of the "Great Flood of 1995"
 Ag Weather Forecasting Terminated
 The Case for Winter Weed Control in Orchards and Vineyards
 Crop Insurance Deadlines

Sept.-Oct. II
 Sept.-Oct. II
 December II
 December II

GENERAL AGRICULTURE

1994 *Hort Notes* Index
 Spanish Language Sustainable/Production Agriculture Library
 Agricultural Energy Loan Program
 Rachel Does E-Mail
 Nitrogen from Cover Crops
 Agricultural Burning Information
 Specialty Food Business Workshop
 Information About UC Davis Agricultural Programs
 Important Staff Loss to UC Cooperative Extension
 Supervisory Skills Training for Agricultural Personnel
 (meeting notice)

February
 February
 May
 May
 Sept.-Oct. I
 December I
 December I
 December I
 December II

 December II

AGRICULTURAL SAFETY AND TRAINING

(articles and resources: buy or borrow)

Hands-On Training for Pesticide Applicators (workshop notice)
 Farm Safety and Field Sanitation/Worker Personal Cleanliness
 (English and Spanish)
 La Loteria del Manejo Seguro; A Driver Safety Training Game
 (DANR #3363)
 Selected Safety Orders Affecting Agricultural Employers
 UC E-Mail Helps with Ag Pesticide Law
 UC Statewide IPM Project's 1995 Train-the-Trainer Programs
 (workshop notice)
 UC Farm Safety Program Newsletter
 UCIPM Workshops for Trainers of Pesticide Handlers and
 Fieldworkers
 Pesticides: Principles and Resistance Issues (UNEX class)
 Future of Pesticides: Regulatory and Risk Issues (UNEX class)
 Pesticide Safety Training Options
 Jorge's New Job/Un nuevo trabajo para Jorge
 (DANR Pub. #2150 and video #V94-WW)
 Farm Safety/La Seguridad Agricola (English and Spanish quarterly
 newsletter)
 Orchard Safety (English and Spanish videos)
 Preventing Scalping and Other Severe Injuries from Farm Machinery
 Orchard Tripod Safety (English and Spanish video)
 Train-the-Trainer Workshop (workshop announcement)

January

 January

 Jan. & Dec. I
 December I
 January

 Feb.-March
 April

 Sept.-Oct. I
 Sept.-Oct. I
 Sept.-Oct. I
 December I

 December I

 December I
 December I
 December I
 December I
 December I

PRODUCTION ACTIVITY CHECKLIST (dates refer to issue)

April

effect of saturated soil on tree and vine growth
soil-borne diseases
bacterial canker and blast
nitrogen fertilizer applications
iron and zinc deficiency
weed control
walnut blight control

May

grape powdery mildew
cutworms and thrips (grapes)
rodent pest control
black walnut versus Paradox rootstock for waterlogged soils
walnut crown gall control

August

1995 pear harvest
post-harvest nitrogen applications for pears
evaluating vine vigor in terms of grape quality
grape petiole potassium levels
walnut husk fly monitoring and control
final walnut irrigation
fall weed control for trees and vines
site preparation for tree and vine replanting

September-October II

fall pre-emergent herbicide application
zinc applications for grape, pear and walnut
potassium soil applications

HANDOUTS FROM 1995 GROWER MEETINGS

- * Winegrape Canopy Management (December 8, 1994)
- * Oak Root Fungus Field Meeting (December 16, 1994)
- * Lake County Bosc Summer Field Tour (July 29, 1995)
- * 1995 Lake County Walnut Update (April 24, 1995)
- * Sonoma County Grape Day (February 1995)
- * Irrigation System Design, Management and Maintenance (December 13, 1995)
 - sprinklers and microsprinklers
 - drip systems

PRODUCTION COST AND FINANCIAL RESOURCES OFFERED IN 1995

	Issue
- Calculating the Value of One Lost Orchard Tree	March
- Disaster Assistance and Crop Insurance Reform (UC Financial Notes #10, January 1995)	March
- Estimating Loss of Income from Tree Loss	March
- How to Calculate for Tree and Vine Losses	March
- 1994 Sample Costs to Establish a Pear Orchard and Produce Pears; Green Bartlett and Sprinkler Irrigated in Lake County	April
- Organic Cost of Production Studies (apples, wine grapes, walnuts, vegetables)	May
- Cost Study Budget Planners (diskettes - any crop)	June
- Tree and Vine Loss Calculator (diskette)	June
- Establishment and Production Costs for Walnuts; early- leafing lateral-bearing (No. San Joaquin Valley)	June
- Walnuts; Hedgerow (No. San Joaquin Valley)	June
- Sample Costs to Establish a Vineyard and Produce Winegrapes; Cabernet Sauvignon and Drip irrigated (Lodi appellation)	June
- Financial Analysis of Christmas Tree Investments	June

UC RESOURCES OFFERED IN 1995

(contact us for specific items or a current catalogue)

	Pub #	Price	Issue
Systematic Selection of Ag Employees	V90-Y	\$20.00	January
UC Small Farm Handbook	SFP001	20.00	January
Labor Management in Ag; Cultivating Personnel Productivity	--	10.00	January
Frost Protection for North Coast Vineyards	2743	1.50	Feb.-March
Frost Protection: When to Turn Sprinklers On and Off	7165	free	Feb.-March
Passive Frost Protection of Trees and Vines	21429	1.50	Feb.-March
Friends of Hopland Field Station Newsletter	N/A	free	March
Integrated Hardwood Range Management Program; 6th progress report	N/A	free	March
Biological Control in the Western United States	3361	25.00	March
Environmental Liability in Agriculture	21502	2.50	March
Update to 1993 UC Farm and Garden Publications Catalogue	N/A	free	March
Drought tips - Evapotranspiration de Referencia Promedio para California	92-55	free	April
Drought tips - Furrow Irrigation	92-23	free	April
Drought tips - Leaching	92-16	free	April
Drought tips - Sprinkler Irrigation	92-25	free	April

	Pub #	Price	Issue
Specialty Crops Handbook (diskette)	N/A	N/A	June
Micro-Irrigation of Trees and Vines	WMS 94-01	15.00	August
Agricultural Salinity and Drainage	WMS 93-01	15.00	August
Surge Irrigation	WMS 93-02	15.00	August
Low-Volume Irrigation	WMS 93-03	15.00	August
Irrigation Pumping Plants	WMS 93-04	15.00	August
Drip Irrigation for Row Crops	WMS 93-05	15.00	August
A Guide to Agriculture on the Internet	N/A	10.00	Sept.-Oct. I
Immigration Reform and U.S. Agriculture	3358	40.00	Sept.-Oct. I
Agricultural Personnel Management Program (various publications)	various	various	Sept.-Oct. I
1996 UC Farm and Garden Catalogue	--	free	Sept.-Oct. II
Labor Management Law Book	21404	15.00	December I
Agricultural Personnel Management Program (newsletter)	--	free	December I
People in Ag; Managing Farm Personnel (newsletter)	--	free	December I
Directory of Information Sources for Marketing California Fresh Fruits and Vegetables	21480	2.50	December I
Direct Marketing and Quality Control/Marketing Cooperatives/Setting up a Roadside Stand	P010	5.00	December I
UC Davis College of Agriculture and Environmental Sciences (CAES) Outlook	--	--	December I
CAES History and Program	--	--	December I
UC Davis Support for Teaching and Research, 1995-96	--	--	December I
UC Berkeley College of Natural Resources Program	--	--	December I

OTHER RESOURCES OFFERED IN 1995

Erosion Control for Lake County	County	free	April
Not Just Cows; list of ag information services on the Internet	--	free	Sept.-Oct. I
A Resource Guide; Fertilizer Research and Education Program	CDFA	free	Sept.-Oct. I
Suppliers of Beneficial Organisms in North America	CDFA	free	Sept.-Oct. I
Agricultural Use of Composts, Workshop proceedings	--	\$.05/page	Sept.-Oct. I
Biosolids Compost Workshop Proceedings	--	\$.05/page	Sept.-Oct. I
Farm Scale Composting (brochure)	private	free	Sept.-Oct. I
Direct Marketing Your Agricultural Products	CDFA	free	December

VIDEOS OFFERED IN 1995 (buy or borrow)

Systematic Selection of Ag Employees	V90-Y	20.00	January
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THANK YOU FOR YOUR COOPERATION

1995 was very much a mixed year for Lake County agriculture, both production and price-wise. Despite difficulties, growers and others continued to be enormously supportive of UCCE efforts. Some field plots have been "put to bed" for the winter, while others continue to demand the input of both researchers and cooperators. Once again, we extend our deepest gratitude to those who have donated trial sites, labor, energy, money and time to UCCE's cause. For 1995, we particularly acknowledge (in alphabetical order):

Abdon Aguirre
Adobe Creek Orchards and Packing Co.
Ernie Akins
Ciriaco Baesa
Vic and Jane Barnes
John Barr
Ken and Carolyn Barr
Beringer Vineyards
Marvin Bowen and Aaron Wright
Keith Bridges
Octavio Calivilla
Shirley Campbell
Don and Margaret Eutenier
Henry Eutenier
Jorge Garcia
Mike Garcia
Steve Grammer
Guenoc Vineyards
Nacho Gutierrez
Greg Hanson
Dean Harrell
Diane Henderson
Ike and Lucille Hill
Louis Hill
Myron Holdenried
Brent and Debbi Holdenried
Derek Holstein
Sky Hoyt
Nick Ivcevich
Bill Knispel
Tim Lowell
Ivan Lubich
Maryka Orchards and Packing Co.
Jack McCabe

Dennis McCarthy
Manuel Mendosa
Marion Morrison
Mike Mostin
Mt. Konocti Growers, Inc.
Bill Oldham
Siegfried Otto
Keith Petterson
Bill Pickering
Janie and Jim Plachek
Dan Price and Crew
Quercus Ranch
Alvin Rentsch
Larry Rogers
Roumiguere Vineyards
John Roumiguere
Floyd Saderlund
Scotts Valley Fruit Exchange
Gerry Shaul
John Sisevich
Syd Stokes
Alex Suchan and Family
Sutter Home Vineyards
Leroy Thomas
Dave Tuttle
Rafael Valadez
David Weiss
Mike Wright
Sam Wright
Wildhurst Vineyards
Wooldridge Ranch
Tom Yonkers
Glenn and Dorothy Yows
Broc Zoller

The following organizations and people co-sponsored meetings, donated funds and supplied other support for our local research and extension programs. We are thankful for this because it enhances the programs we can provide to the entire agricultural community. In alphabetical order they are:

Al and Jeanne Caldwell
California Pear Advisory Board
California Pear Growers
California Walnut Commission
Fowler Nursery
W.R. Grace and Co.
Harvey Lyman Ag Services
Oscar Kasparian
Lake Community Bank
Lake Co. California Women for
Agriculture
Lake Co. Dept. of Agriculture

Lake County Farm Bureau
Lake Co. Grape Growers Association
Lake Co. District 2 Winegrape Commission
Mount Konocti Winery
MSD AgVet
Pear Doctor, Inc.
Plant Health Technologies, Inc.
Rhone-Poulenc, Inc.
Sierra Gold Nursery
United Ag Products
Wildhurst Winery

If we have forgotten anyone - please accept our heartfelt thanks and apologies - and please let us know!

Sincerely,



Rachel Elkins
Farm Advisor