



your Lake County HORTICULTURAL NOTES

FEBRUARY 1995

!! MARK CALENDARS !!
(contact us for details)

MARCH 8	Thermometer Testing (bring in by March 6)
MARCH 8	HANDS-ON PESTICIDE SAFETY TRAINING UC Hopland Field Station

1994 HORT NOTES INDEX
(contact us for back issues or articles)

GRAPES

Wine Grape Day 1994 (handouts)
Lake County Winegrape Commission Growers Questionnaire
Informal Monthly Meetings for Grape Growers
1994 Lake County Winegrape Seminar (agenda)
Rootstocks for Sauvignon blanc in Lake County
Interpreting Bloomtime Grape Petiole Analyses
University Extension (UNEX) Winegrape Classes (schedule)
Winegrape Canopy Management Seminar (announcement)
Viticultural Research Publications (ASEV listing)
University Extension (UNEX) Viticulture Classes
Winegrape Canopy Management (agenda)
Importance of Clean Grape Stock
Foundation Plant Materials Service publs.
Related articles
Potential for Winter Injury in Grapes and Walnuts
Harmony Rootstock Caution

ISSUE

January
March
"
"
~~April~~ May
June
"
July
"
Oct-Nov (I)
"
Oct-Nov (II)
"
December



PEARS

Do You Have a Copy of the 1993 Pear Research Report?	March
Fireblight Cutting Tool Disinfectants	June
New Publication on Mexican Pear Trade Infrastructure	"
Leaf Analysis for Pear and Walnut	July
1994 Pear Research Field Day (agenda) (English and Spanish)	"
Pear Pruning Article Translated into Spanish	Oct-Nov (I)
More Pear Production Resources	"
Oak Root Fungus in Pears	Oct-Nov (II)
Oak Root Fungus Field Meeting (agenda)	December

WALNUTS

1994 Lake County Walnut Update (agenda)	March
Walnut Production on Marginal Soils	May
Status of Frosted Scale in Walnut	"
New Report Explores Competitive Challenges to Walnut Industry	"
Early Summer Walnut Update	June
Prepare for Walnut Husk Fly Season	July
Leaf Analysis for Pear and Walnut	"
Walnut Pest Update	Oct-Nov (II)
Potential for Winter Injury in Grapes and Walnuts	"
Winter kill on Walnuts (by Wilbur Reil)	

ORCHARD AND VINEYARD - GENERAL

Soil Moisture Monitoring Workshop Handouts	January
Orchard and Vineyard Thermometer Testing	February
Thank You for Your Cooperation	"
Why is it Illegal to Burn Treated Wood?	March
New N Fertilizer and Water Use Video	"
More 1993 Thank You's!	"
The 1994 Crop Season is Here	"
New Lake County Farm Trails Map	July
Like All of You...We're Catching Up!	Oct-Nov (I)
Apple Cost of Production Studies	"
Financial Management Resources (publications, courses/conferences, financial assist)	"
University Extension (UNEX) Classes	"
1994 Herbicide Label Status for Nut Crops and Vines	"
Susceptibility of Weeds to Herbicides	"
Irrigation Pumping Plants (agenda)	December

PRODUCTION ACTIVITY CHECKLIST (dates refer to issue)

May

- Young trees and vines - weed control, irrigation, fertilizer, walnut tree training, suckers, vertebrates
- All crop stages - grape petiole analysis, foliar zinc for pear and walnut

June

- Grapes - leaf removal, petiole samples, early-season water, powdery mildew
- Pears - blight
- Walnuts - training, suckers
- All Crops - water, fertilizer, weed control, gophers/mice

July

- Grapes - veraison petiole samples for K, B, Mn, powdery mildew
- Pears - premature ripening, young tree irrigation/weed control/N
- Walnuts - walnut husk fly, sunburn protection, weed control

October-November

- Weed control, zinc sprays, soil-applied potassium

UC PUBLICATIONS OFFERED DURING 1994

(contact us for specific items or a current catalogue)

Title	Pub #	Price	Hort Notes Issue
Ag Personnel Management Program	-	various	January
Low-Volume Irrigation; a Handbook for Water Managers	N/A	\$15.00	March
Drought Tips (various)	"	free	March
Integrated Pest Management for Walnuts	3270	22.00	June
UCIPM Walnut Pest Management Guidelines	-	3.00	June
Grapevine Nutrition and Fertilization in the San Joaquin Valley	4087	10.00	June
California Field Crops: Location and Trends in Acreage, Yields and Production (Giannini Foundation)	94-1	free	June
Cultural Practices and Sample Costs for Organic Vegetable Production on the Central Coast of California (ibid)	94-2	free	June

Insects, Mites and other Invertebrates and their Control in California	4044	4.00	June
IPM for Strawberries	3351	30.00	June
Kiwifruit Growing and Handling	3344	25.00	June
Olive Production Manual	3353	28.00	June
1994 Lake County Pear Research Field Day Handouts	-	free	July
Financial Management Notes 1-9	-	free	Oct-Nov (I)
Financial Management Topic Papers 1-9	-	free	Oct-Nov (I)
Cost Comparison between Electric Motors and Engines for Irrigation Pumping	1933	3.00	Oct-Nov (I)
Pub. #1933 with MS DOS, 3.5" diskette	1933s3	23.00	Oct-Nov (I)
Pub. #1933 with MS DOS 5.25" diskette	1933s5	23.00	Oct-Nov (I)
Pub. #1933 with Macintosh 3.5" diskette	1933m	23.00	Oct-Nov (I)
Producing Olive Oil in California	21516	5.00	Oct-Nov (I)
Kiwifruit Growing and Handling	3344	25.00	Oct-Nov (I)
Olive Production Manual	3353	28.00	Oct-Nov (I)
Pests of Landscape Trees and Shrubs: An Integrated Pest Mgmt. Guide	3359	32.00	Oct-Nov (I)
Cultural Practices and Sample Costs for Organic Vegetable Production on the Central Coast of California	GF 94-2	10.00	Oct-Nov (I)
Valuing UC Agricultural Research and Extension	VR-2	-	Oct-Nov (I)
The Walnut Germplasm Collection of the University of California, Davis	Rpt. 1.3	free	Oct-Nov (I)
Disease of Temperate Zone Fruit and Nut Crops	3345	55.00	Oct-Nov (II)
IPM for Apples and Pears	3340	30.00	Oct-Nov (II)
Resistance or Susceptibility of Certain Plants to <u>Armillaria</u> Root Rot	2591	1.75	Oct-Nov (II)
Sources of Eucalyptus Information and Planting Stock	-	free	December
UC Small Farm Center Annual Report	-	free	December
Vineyard Consultants and Managers	-	free	December

OTHER PUBLICATIONS OFFERED IN 1994 (contact us)

1993 California Bartlett Pear Research Report	CTFA	free	March
Sixth International Symposium on Pear Growing	-	\$ 6.15	Oct-Nov (I)
Pear Production 1978	USDA#526	free	Oct-Nov (I)

Cover Crops: A Practical Tool for Vineyard Management	-	25.00	Oct-Nov (I)
Proceedings- ``Rootstock Seminar, A Worldwide Perspective``	-	40.00	Oct-Nov (I)
Alternative Rootstock Update	-	15.00	Oct-Nov (I)
Vineyard Pest Management: Alternatives for the Future	-	15.00	Oct-Nov (I)
Proceedings- ``International Symposium on Nitrogen in Grapes and Wine``	-	50.00	Oct-Nov (I)
Values of Organic Fertilizers (OSU-CE Lane Co.)	-	free	Dec.

VIDEOS OFFERED IN 1994 (buy or borrow)

Apple Orchard Spraying - Getting Results
 Endangered Species and Pesticides: Balancing Protection and Production
 Grafting Walnut Trees
 Harvest Techniques for Apples and Pears
 Monitoring Soil Moisture in Vineyards
 1991 Apple Variety Trials - Oregon State University (OSU)
 Protecting Groundwater: A Guide for the Pesticide User
 Pruning a Mature Pear Tree and Pruning Apple and Pear Trees 5-15 years old
 Pruning Fruit Trees
 Pruning Walnut Trees
 Safe Handling of Pesticides - English/Spanish
 The Spanish Bush System of Growing Sweet Cherries Adapted to California
 Training Young Trees
 Tripod Orchard Ladder Safety
 Vineyard Safety Videos - English/Spanish
 1) safe harvest practices/odd jobs/back safety
 2) pesticide safety/tractor safety
 Use of Lime and Nitrogen in Orchards (OSU)
 Use of Soil and Leaf Analysis in Orchards (OSU)
 Best Management Practices for N Fertilizer and Water Use in Irrigated Vegetables
 (CDFA - \$20.00 - March issue)
 Irrigation Technology Field Tour (CEC/UCCE - \$20.00 - May)
 Drip Irrigation and Nitrogen Fertigation Management of Vegetable Crops
 (CDFA - \$20.00 - Dec. issue)

THANK YOU FOR YOUR COOPERATION

1994 was yet another challenging 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 1994, we particularly acknowledge (in alphabetical order):

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John Clews	Parducci Winery
Stan and Carol Conrad	John Parducci
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Steve Dorfman	Tom Peterson
Dunnewood Vineyards	Keith and Sophie Petterson
Don and Margaret Eutenier	George Phelan
Fetzer Winery	Bill Pickering
Jorge Garcia	Janie and Jim Plachek
Bobby Gayaldo	Dan Price
Alfonso Gallegos	Quercus Ranch
Guenoc Vineyards	Kathy Redman
Nacho Gutierrez	Steve Reeder
Greg Hanson	Alvin Rentsch
Dean Harrell	Bud Rogers
Mark Hauser	Larry Rogers
Diane Henderson	Gary Rose
Ike and Lucille Hill	Dave Rosenthal
Louis Hill	Roumiguicre Vineyards

John Roumiguere
Floyd Saderlund
Scotts Valley Fruit Exchange
Scully Packing Co.
Toni and Phil Scully
Eric and Cherie Seely
John Sisevich
Jed Steele
Alex Suchan and Family
Sutter Home Vineyards
Leroy Thomas

Dave Tuttle
Rafael Valadez
David Weiss
Wildhurst Vineyards
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Steve Yates
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California Pear Growers
California Walnut Commission
Duarte Nursery, Hughson
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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
MSD AgVet
Pear Doctor, Inc.
Plant Health Technologies
Production Credit Association
Steve Taylor
United Ag Products
USDA-ARS Germplasm Repository,
Corvallis
Zeneca, Inc.

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

Sincerely,



Rachel Elkins
Farm Advisor

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