

# your Lake County HORTICULTURAL NOTES

883 LAKEPORT BOULEVARD  
LAKEPORT, CALIFORNIA 95453  
TELEPHONE: 263-2281

FEBRUARY 1989

## ORCHARD THERMOMETER TESTING

The U. S. National Weather Service (NWS) will be testing thermometers on Wednesday, March 8, 1989. Growers should bring in their thermometers by Monday, March 6th. Tested thermometers should be picked up by Friday, March 10th. New thermometer tags will be provided at the Farm Advisors office. Thermometers will not be tested without your name on a new tag on each one. The following instructions will help you complete preparations for testing:

1. Remove thermometers from any containers.
2. Clean thermometers of all old tags, dirt, cobwebs, etc.
3. Transport thermometers vertically with bulb end down.

Fruit Frost Report recordings are furnished by the Ag Commissioner's Office. The telephone numbers are available to growers by calling the Ag Commissioner's office - 263-2271, the Farm Advisors office - 263-2281, your local pear packing shed or winery. For your accessibility to these recordings, these numbers are unlisted and not available to the general public. PLEASE KEEP THEM CONFIDENTIAL! The general public has access to these reports from the following radio stations and schedules:

KNTI - beginning March 1 - 5:35, 7:35 and 9:35 P. M. (KNTI's reports are compiled by Bob Wallen, staff meteorologist.)

KUKY - beginning March 13 - 6:00, 7:00, 8:00 and 9:00 P. M.

KWTR - " " " - 12:00, 6:00 and 9:00 P. M.

KWNE - " " " - 7:05, 8:05, 9:05, 10:05, 11:05 P.M. and 12:05 A. M.

Again, to allow you access to the recordings more readily, please refer your non-grower friends to these radio schedules.

## 1989 FROST PROTECTION WORKSHOP

DATE: Friday, March 10th  
TIME: 8:30 - 12:00 A. M.  
PLACE: Scotts Valley Women's Club  
2298 Hendricks Road (off Scotts Valley Road)  
Lakeport  
COST: \$2.00/person TO COVER HALL RENTAL

### AGENDA

8:30 A. M.	Registration	
9:00	The Basics: Understanding Temperature, Humidity and Dewpoint Relationships	Art Horton Meteorologist NWS
9:45	Frost Protection with Sprinklers	Dr. Richard Snyder Extension Biometeorologist Dept of Land, Air and Water Resources, UCD
10:30	BREAK - coffee and doughnuts	
10:50	Orchard Heaters: Air Quality Considerations	Lake County Air Quality Management District
11:00	How to Make and Use Wet Bulb Thermometers	Art Horton Rick Snyder Rachel Elkins

### UC PROGRAM NEWS

Two relatively new UC agriculture programs offer newsletters, publications and other assistance to California farmers. Contact them to be added to their mailing list:

- 1) Small Farm Center  
University of California  
Davis, CA 95616  
(916) 752-6690

newsletter - Small Farm News

- 2) Sustainable Agriculture Research and Education Program  
Agronomy Extension  
University of California  
Davis, CA 95616  
(916) 752-7556

newsletter - Sustainable Agriculture News

## HERBICIDE LABEL STATUS FOR DECIDUOUS FRUIT - 1988 - 89

Listed below is a table showing the status of the available herbicides on deciduous fruit and nut crops. Some registrations may have special restrictions so read the label and follow directions:

	ALMONDS	APPLES	APRICOTS	CHERRIES	FIGS	GRAPES	KIWI	NECTARINES	PEACHES	PEARS	PECANS	PISTACHIOS	PLUMS	PRUNES	WALNUTS
<u>PRE-EMERGENCE HERBICIDES</u>															
Casoron	R	R	-	R	R	R	-	R	R	R	R	-	R	R	R
Dual	R	-	R	R	-	NB	-	R	R	-	-	-	R	R	R
diuron (Karmex)	-	R	-	-	-	R	-	-	R	R	R	-	-	-	R
EPTAM	R	-	-	-	-	-	-	-	-	-	-	-	-	-	R
Devrinol	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Sollicam	R	R	-	R	-	R	-	R	R	R	-	-	R	R	R
Surflan	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Goal	R	R	R	R	R	R	-	R	R	R	-	R	R	R	R
Princep	R	R	-	-	-	R	-	-	R	R	R	-	-	-	R
Sinbar	-	R	-	-	-	-	-	-	R	-	-	-	-	-	-
Treflan	R	-	-	-	-	R	-	R	R	-	-	-	R	R	R
Prowl	NB	NB	NB	NB	-	NB	-	NB	NB	NB	-	NB	NB	NB	NB
Kerb	-	R	-	R	-	R	-	R	R	R	-	-	R	R	-

### POST-EMERGENCE HERBICIDES

dalapon (Dowpon)	R	R	R	-	-	R	-	-	R	R	-	-	R	R	-
glyphosate (Roundup)	R	R	R	R	-	R	R	R	R	R	R	R	R	R	R
MSMA	NB	NB	NB	NB	-	NB	-	-	NB	NB	-	-	NB	NB	NB
paraquat (Gramoxone)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
2,4-D (Water or OSA)	R	R	R	-	-	-	-	R	R	R	-	R	R	NB	R
Fusilade	NB	NB	NB	NB	-	NB	NB	NB	NB	NB	-	NB	NB	NB	NB
Poast	NB	NB	NB	NB	-	NB	-	NB	NB	NB	-	NB	NB	NB	NB

R = registered.

NB = Registered for use in non-bearing only.

- = Not registered.

### SUSCEPTIBILITY OF WEEDS TO HERBICIDES

The list show the herbicides currently registered on orchard trees in California and the degree of control of selected weeds that can be expected when applications are made currently. There are certain restrictions on many of the chemicals, therefore read the label for specific tree species and restrictions before applications. Some herbicides are only registered for non-bearing trees, others are only registered on mature or bearing trees. These restrictions are present to prevent improper use and harm to trees. Follow the directions on the label.

# SUSCEPTIBILITY OF WEEDS TO HERBICIDES

C = Controlled, P = Partial Control, N = Not Controlled

	<u>PRE-EMERGENCE</u>												<u>POST-EMERGENCE</u>						
	DUAL	CASORON	KARMEX	EPTAM	DEVINOL	SOLICAM	SURFLAN	GOAL	SIMAZINE	TREFLAN	PROWL	KERB	DOWPON	ROUNDUP	MSMA	PARAQUAT	2,4-D	POAST	FUSILADE
<u>ANNUAL BROADLEAVES</u>																			
Cheeseweed (Malva)	N	C	P	N	P	P	P	C	P	N	P	P	N	P	N	N	P	N	N
Chickweed	C	C	C	C	C	P	C	N	C	C	C	C	N	C	C	C	P	N	N
Clover	N	P	P	N	P	N	N	P	C	N	N	N	N	P	N	P	P	N	N
Fiddleneck	C	C	C	C	C	P	C	C	C	C	C	P	N	C	N	P	P	N	N
Filaree	P	P	C	P	C	P	P	C	C	N	P	C	N	P	N	P	-	N	P
Flax-Leaved Fleabane	P	P	C	C	N	N	N	P	N	N	N	N	N	C	N	C	C	N	N
Goosefoot	C	C	C	C	C	C	C	C	C	C	C	C	N	C	N	C	C	N	N
Groundsel	N	C	N	C	P	P	N	C	C	N	N	N	N	C	N	C	C	N	N
Henbit	N	C	C	C	N	P	C	C	C	C	C	C	N	C	C	C	P	N	N
Horseweed (Marestail)	P	P	C	C	N	N	N	P	C	N	N	N	N	C	N	P	C	N	N
Knotweed	P	C	C	P	C	P	C	P	C	C	C	C	N	C	N	P	P	N	N
Lambsquarter	C	C	C	C	C	P	C	C	C	C	C	C	N	C	N	P	C	N	N
Mustard	P	C	C	N	P	P	N	C	C	N	N	C	N	C	N	C	C	N	N
Nightshade	C	C	C	C	N	C	N	C	C	N	N	C	N	C	P	C	C	N	N
Pigweed	C	P	C	C	C	P	C	C	C	C	C	C	N	C	N	C	C	N	N
Prickley Lettuce	N	C	C	C	C	-	N	C	C	N	N	N	N	C	N	P	C	N	N
Puncturevine	P	C	P	N	P	P	P	C	P	P	P	P	N	C	N	C	C	N	N
Purslane	C	C	C	C	C	C	C	C	C	C	C	C	N	C	N	C	C	N	N
Shepherds Purse	P	C	C	P	P	P	N	C	C	N	N	C	N	C	N	P	C	N	N
Sowthistle	P	C	C	C	C	-	N	C	C	N	N	N	N	C	N	P	C	N	N
Spotted Spurge	N	C	N	N	N	P	C	-	N	P	-	C	N	C	N	C	P	N	N
Wild Radish	N	C	C	N	N	N	N	C	P	N	N	C	N	C	N	C	C	N	N
<u>ANNUAL GRASSES</u>																			
Annual Bluegrass	C	C	C	C	C	C	C	P	C	C	C	C	P	C	N	P	N	N	N
Barnyardgrass	C	P	C	C	C	C	C	P	C	C	C	C	P	C	P	P	N	C	C
Crabgrass	C	P	C	C	C	C	C	N	P	C	C	C	P	C	C	C	N	C	C
Kyegrass	C	-	C	C	C	C	C	N	P	C	C	C	P	C	N	P	N	C	C
Wild Barley	P	C	C	C	C	C	C	P	C	C	C	C	P	C	N	P	N	C	C
Wild Oats	P	-	P	C	C	C	P	P	C	P	P	C	P	C	N	P	N	C	C
Fescues	C	P	C	P	C	C	C	C	C	C	C	C	P	P	N	C	N	N	N
<u>PERENNIALS</u>																			
Field Bindweed	N	P	N	N	N	N	N	N	N	P	N	N	N	P	N	N	P	N	N
Bermudagrass	N	P	N	N	N	P	N	N	N	N	N	N	P	C	N	N	N	P	C
Dallisgrass	N	N	N	N	N	N	N	N	N	N	N	N	N	C	C	N	N	P	P
Johnsongrass	N	N	N	N	N	C	N	N	N	N	N	N	N	C	N	N	N	C	C

COST ESTIMATES FOR REPLACING DAMAGED GRAPE VINES

This leaflet was written by Fresno County Farm Advisors, Donna Hirschfelt and Harry Andris, to aid growers, insurance adjusters, etc., in arriving at an equitable value for the loss of destroyed or damaged vines. Examples are given for winery and raisin grapes (also useful for table grapes). Contact me for a copy.

CALIFORNIA TREE FRUIT AGREEMENT NEWSLETTER

CTFA has issued Volume One, Number One (December/January) of In Agreement, "to bring to CTFA growers information relating to their industry and their organization".

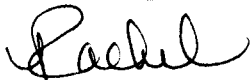
The newsletter will cover grower committee actions, promotion programs, industry personalities, market/crop outlook and other news.

Contact: CTFA  
P. O. Box 255383  
Sacramento, CA 95865-5383

GROWER RESEARCH/EDUCATION PRIORITIES SURVEY

KEEP THEM COMING!

Sincerely,



Rachel Elkins  
Farm Advisor

COOPERATIVE EXTENSION  
U.S. DEPARTMENT OF AGRICULTURE  
UNIVERSITY OF CALIFORNIA  
BERKELEY, CALIFORNIA 94720

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300

