

**UNIVERSITY OF CALIFORNIA ~ SUTTER/YUBA COUNTIES
COOPERATIVE EXTENSION**

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ORCHARD NOTES

6th ANNUAL SACRAMENTO VALLEY CLING PEACH DAY

Wednesday, January 19, 2000

9:00 a.m. - 12:00 p.m.

Agricultural Building
142 Garden Highway, Yuba City

MEETING PROGRAM

8:30 a.m. Sign-in Coffee and Danish - Courtesy of Dow AgroSciences

9:00 Welcome & Moderator- *Janine Hasey*

Integrated Cling Peach Production: A Reduced Risk Approach To Pest Management

Food Quality Protection Act (FQPA) Update
Heidi Sanders, Research Coordinator, Canning Peach Association

Sacramento Valley OP Task Force Update
Rick Landon, Assistant Agricultural Commissioner, Sutter County

Alternatives to Organophosphates (OP-s) for Key Pests
Bill Olson, UC Farm Advisor, Butte County

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Break

Moderator - *Bill Olson*

Resistance Management

Carolyn Pickel, UCIPM Advisor, Sacramento Valley

Integrating Mating Disruption in Your OFM & PTB Control Program

Janine Hasey, UC Farm Advisor, Sutter & Yuba Counties

Variety Update

New Cling Peach Varieties

Tom Gradziel, Geneticist, UC Davis

12:00 adjourn

<p style="text-align: center;">Sponsored by University of California Cooperative Extension, Sutter, Yuba and Butte Counties and University of California Integrated Pest Management</p>

PCA Credit: 2.25 hours of continuing education pending

CCA credit: 2.75 hours of continuing education pending

Private Applicators: 2.25 hours pending

MARK YOUR CALENDAR

The Annual Sutter/Yuba/Colusa Walnut Meeting will be held on Tuesday, February 22, 2000 at the Veterans Memorial Hall in Yuba City. Look for the program in the February issue of Orchard Notes.

1999 WEED REGISTRATION LIST

Please replace the Weed registration list from the last issue of Orchard Notes with this corrected copy enclosed.

1999 Registration Status of Herbicides in Trees and Vines

Herbicide Registration on Horticultural Crops - 1999/2000

Herbicide- Common Name (trade name)	Almond	Apple	Apricot	Cherry	Grape	Kiwi	Nectarine	Olive	Peach	Pear	Pecan	Prune	Walnut
Preemergence													
dichlobenil (<i>Casoron</i>)	R	R	-	R	R	-	R	-	R	R	R	-	R
diuron (<i>Karmex, Diurex</i>)	-	R	-	-	R	-	-	R	R	R	R	-	R
EPTC (<i>Eptam</i>)	R	-	-	-	-	-	-	-	-	-	-	-	R
isoxaben (<i>Gallery</i>)	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
napropamide (<i>Devrinol</i>)	R	R	R	R	R	R	R	R	R	R	R	R	R
norflurazon (<i>Solicam</i>)	R	R	R	R	R	-	R	-	R	R	R	R	R
oryzalin (<i>Surflan</i>)	R	R	R	R	R	R	R	R	R	R	R	R	R
oxyfluorfen (<i>Goal</i>)	R	R	R	R	R	R	R	R	R	R	R	R	R
pendimethalin (<i>Prowl</i>)	NB	NB	NB	NB	NB	-	NB	-	NB	NB	-	NB	NB
pronamide (<i>Kerb</i>)	-	R	-	-	R	-	R	-	R	R	-	R	-
simazine (<i>Princep, Caliber 90</i>)	R	R	-	R (sour only)	R	-	-	R	R	R	R	R ²	R
trifluralin (<i>Treflan</i>)	R	R ¹	R	R ¹	R	-	R	-	R	-	R	R	R
Post Emergence													
clethodim (<i>Prism</i>)	NB	NB	NB	NB	NB	-	NB	NB	NB	NB	NB	NB	NB
2,4-D (<i>Orchard Master</i>)	R	-	-	R	-	-	R	-	R	-	R	R	R
fluazifop (<i>Fusilade DX</i>)	R	R	R	-	-	NB	R	R	R	R	R	R	R
glyphosate (<i>Roundup</i>)	R	R	R	R	R	R	R	R	R	R	R	R	R
MSMA	NB	NB	-	NB	NB	-	-	-	NB	NB	-	NB	NB
Paraquat (<i>Gramoxone</i>)	R	R	R	R	R	R	R	R	R	R	R	R	R
sethoxydim (<i>Poast</i>)	NB	R	NB	NB	R	-	NB	NB	NB	R	NB	NB	NB

R =registered
 - =not registered
 NB =registered in non-bearing orchards
 1 =Monterey Chemical only
 2 =Drexel only

NOTE: This is intended as a general guide only. Before use of any herbicide, consult the label. Label changes frequently and often contain special restrictions regarding specific use of a company's product. Sulfosale (Touchdown) and glufosinate (Rely) are registered, but are not being sold in California.

SUSCEPTIBILITY OF WEEDS TO HERBICIDES																			
Preemergence									Postemergence										
ANNUAL BROADLEAVES																			
Annual Broadleaves																			
Cheeseweed (Malva)	C	P	P	P	P	C	P	N	N	P	C		P	N	P	P	N	N	N
Chickweed	C	C	C	P	C	N	C	C	C	C	C		C	C	C	P	N	N	N
Clover	P	P	P	N	N	P	C	N	N	N	P		P	N	P	P	N	N	N
Fiddleneck	C	C	C	P	C	C	C	C	C	N	C		C	N	P	P	N	N	N
Filaree	P	C	C	P	N	C	P	N	N	N	C		P	N	P	P	N	N	N
Flax-leaved Fleabane	C	N	N	N	N	N	C	N	N	N			C	N	P	C	N	N	N
Goosefoot	C	C	C	C	C	C	C	C	C	C	P		N	N	P	C	N	N	N
Grounzel	C	N	P	P	N	C	C	N	N	N	C		C	N	C	C	N	N	N
Henbit	C	C	N	P	C	C	C	C	C	C	C		C	C	C	P	N	N	N
Horseweed (Marestail)	P	N	N	N	N	N	C	N	N	N	P		C	N	P	C	N	N	N
Knotweed	C	C	C	P	C	P	C	C	C	C	P		C	N	P	P	N	N	N
Lambsquarter	C	C	C	P	C	C	C	C	C	C	C		N	N	N	C	N	N	N
Mustard	C	C	P	P	N	C	C	N	N	C	C		P	N	C	C	N	N	N
Nightshade	C	C	N	C	P	C	C	N	P	C	C		C	P	C	C	N	N	N
Pigweed	P	C	P	P	C	C	C	C	C	N	C		C	N	C	C	N	N	N
Prickly Lettuce	C	C	C	C	N	C	C	N	N	N	C		C	N	P	C	N	N	N
Puncturevine	C	P	N	C	C	C	P	P	P	N			C	N	C	C	N	N	N
Purslane	C	C	C	C	C	C	C	C	C	C	C		C	N	C	C	N	N	N
Shepherdspurse	C	C	N	P	N	C	C	N	N	C	C		C	N	C	C	N	N	N
Sowthistle	C	C	C	C	N	C	C	N	N	P	C		C	N	P	C	N	N	N
Spurge	C	P	N	C	C	C	P	C	C	N	P		C	P	P	P	N	N	N
Wild Radish	C	C	N	N	N	C	P	N	N	C	C		C	N	C	C	N	N	N
Annual Grasses																			
Annual Bluegrass	C	C	C	C	C	P	C	C	C	C	P		C	N	P	N	N	N	C
Barnyardgrass	P	C	C	C	C	P	C	C	C	C	P		C	P	C	N	C	C	C
Crabgrass	P	C	C	C	C	N	P	C	C	C	P		C	C	C	N	C	C	C
Ryegrass	N	C	C	C	C	N	N	C	C	C	P		C	N	P	N	C	C	C
Wild Barley	C	C	C	C	C	P	C	C	C	C	N		C	N	P	N	C	C	C
Wild Oats	P	P	C	C	P	P	C	P	C	P	N		C	N	P	N	C	C	C
Fescues	P	C	C	C	C	C	C	C	C	C	N		P	N	C	N	N	N	N
Perennials																			
Field Bindweed	P	N	N	N	P	N	N	P	P	N	N		P	N	N	P	N	N	N
Bermudagrass	P	N	N	P	N	N	N	P	P	N	N		C	N	N	N	P	P	P
Dallasgrass	N	N	N	N	N	N	N	N	N	N	N		C	C	N	N	C	C	C
Johnsongrass	N	N	N	P	N	N	N	P	P	N	N		C	C	N	N	C	C	C
C=Controlled																			
P=Partial Control																			

WINTER THOUGHTS

\$ Tree planting is a costly investment and many growers will be planting soon. To help guide you on proper planting techniques, we have a handout on Tree Planting Tips available from our office.

\$ We had .07 inches of rainfall in December according to the Nicolaus weather station. We are way below our normal rainfall. Sufficient winter rainfall wets the entire tree root profile so water is available when roots become active in the spring. Root activity usually starts a few weeks before shoot growth begins. This means roots will start to grow in February for peaches and for walnuts in late February or early March. Adequate moisture is needed for maximum growth and production when roots are growing.

When soils are dry, they must be wetted to field capacity before moisture will move to dry soil below. If the soil holds about 2 inches of water per foot of soil when at field capacity, then 12

inches of water is needed to rewet the soil to a six foot depth. Growers who can should consider irrigating unless we begin to have appreciable rainfall soon.

\$ Chilling hours update: As of January 5, 2000, the chilling hours at my office in Yuba City were 536. They were 653 from the Nicolaus Cimis station as of January 4, 2000. Last year for the same days, the chilling hours were 683 in Yuba City and 727 in Nicolaus.

NEW MILLENNIUM CHALLENGES

The challenges of growing a quality crop at a profit are still here. The continual need for research, demonstration and education is as important as ever with all the cost increases and the regulatory changes here and on the horizon. I would like to thank all of you for your support this past year. I especially appreciated the time, efforts and monetary support from research cooperators and those who hosted meetings. I look forward to working with you in 2000. May this year bring better commodity prices.

JANINE HASEY

U.C. Farm Advisor

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**6th ANNUAL SACRAMENTO VALLEY
CLING PEACH DAY IS
JANUARY 19,2000**

COOPERATIVE EXTENSION
U.S. Dept of Agriculture
University of California
Oakland California 94612-3560

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