

# Sacramento County

*Crop & Livestock Report* 2

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George and Virginia Signorotti

The Signorotti Hop Ranch located in Sloughouse, is the last family owned hop ranch in California. It is one of only two commercial hop growing sites in the state. Hop production flourished along the Cosumnes River area of the county in the late 1800's. In 1894, Sacramento County was the largest producer of hops in the United States. 110 years later, George and Virginia Signorotti keep the tradition alive. All the hops grown on the ranch are sold exclusively to Anchor Steam Beer. Signorotti hops go into every bottle of Anchor Steam's special Christmas Ales.

**About the Cover:** Miguel Oregel, pulls hop vines from trellises on the Signorotti Hop Ranch during harvest.



# COUNTY OF SACRAMENTO

## AGRICULTURAL COMMISSIONER WEIGHTS & MEASURES

Frank E. Carl  
Agricultural Commissioner  
Director of Weights and  
Measures

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July 26, 2004

A. G. KAWAMURA, SECRETARY  
California Department of Food and Agriculture

THE HONORABLE BOARD OF SUPERVISORS  
County of Sacramento

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2003 Sacramento County Crop and Livestock Report. This report represents estimated values based upon the most common first point of sale of the commodity produced. Total crop values for 2003 are slightly improved from the previous year largely on the strength of the livestock and poultry values while wine grape values fell slightly. Total production value for 2003 was \$274,900,000. These values are gross values and do not take into consideration costs of production and transportation. In almost every instance, increased costs of regulatory compliance, workers' compensation insurance and escalating energy costs have more than offset improvements in commodity values. While the agricultural economy is improved from last year, many individual growers continue to struggle in a very difficult market.

While wine grapes continue to be the county production value leader, average grape prices continued lower and harvested acreage fell by 10% from the 2002 crop year resulting in overall production value being reduced by almost \$9 million. This is a reduction in the past two years of 33% of crop value. Production was up slightly as young vines mature and the future still holds promise for area wine grape producers as the product quality here outshines wine grapes from the hotter interior southern San Joaquin valley.

Milk production was down slightly in 2003 and continued low prices until the closing months of the year left milk values virtually unchanged from last year's report. Dairy producers are anticipating improved returns with a sharp upswing in values as they begin the 2004 crop year.

Pear production was slightly lower on reduced acreage and prices for both fresh market and processing were down from the previous year. Sacramento continues to lead the state in Bartlett pear production and a total value over \$22 million.

Processing tomatoes, once one of the premier cash crops in this region have faced difficult times in recent years with low market prices and relocation of several processing facilities to the San Joaquin Valley. During the 2003 crop year, tomato producers were significantly impacted by several days of extremely hot weather in July that severely reduced fruit set. Later in the season, there were significant rains in August that created conditions that promoted mold in some fields that virtually destroyed the crop. Average yields were much lower than normal and some fields were abandoned as a result of the poor crop set and mold damage. Crop value was down 40% to \$5.7 million.

A section has been included in the report on pest exclusion and detection activities that this office performs on a routine basis, as well as a brief report on the Glassy winged Sharpshooter program in Sacramento County.

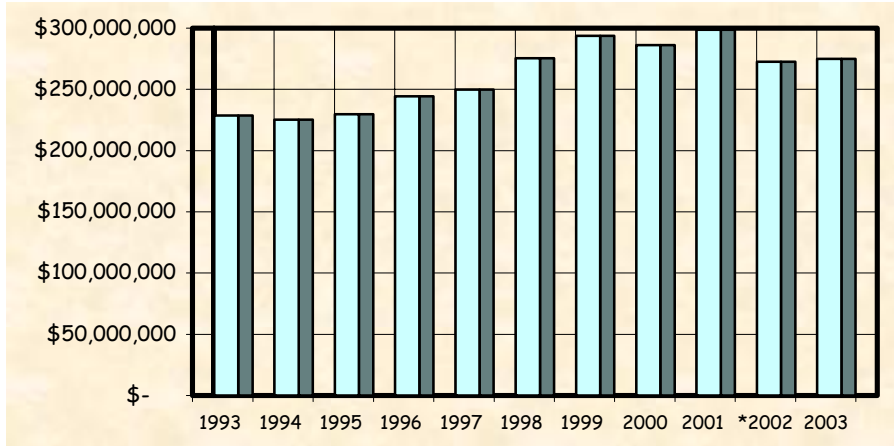
I would like to express my thanks to the many producers in Sacramento County who provided the information for this report. I also appreciate the efforts of my staff, particularly Ramona Saunders for compiling the report and Vicki Brewer for producing it.

Respectfully submitted,

Frank E. Carl  
Agricultural Commissioner

## GROSS VALUE OF AGRICULTURAL PRODUCTION 1993 - 2003

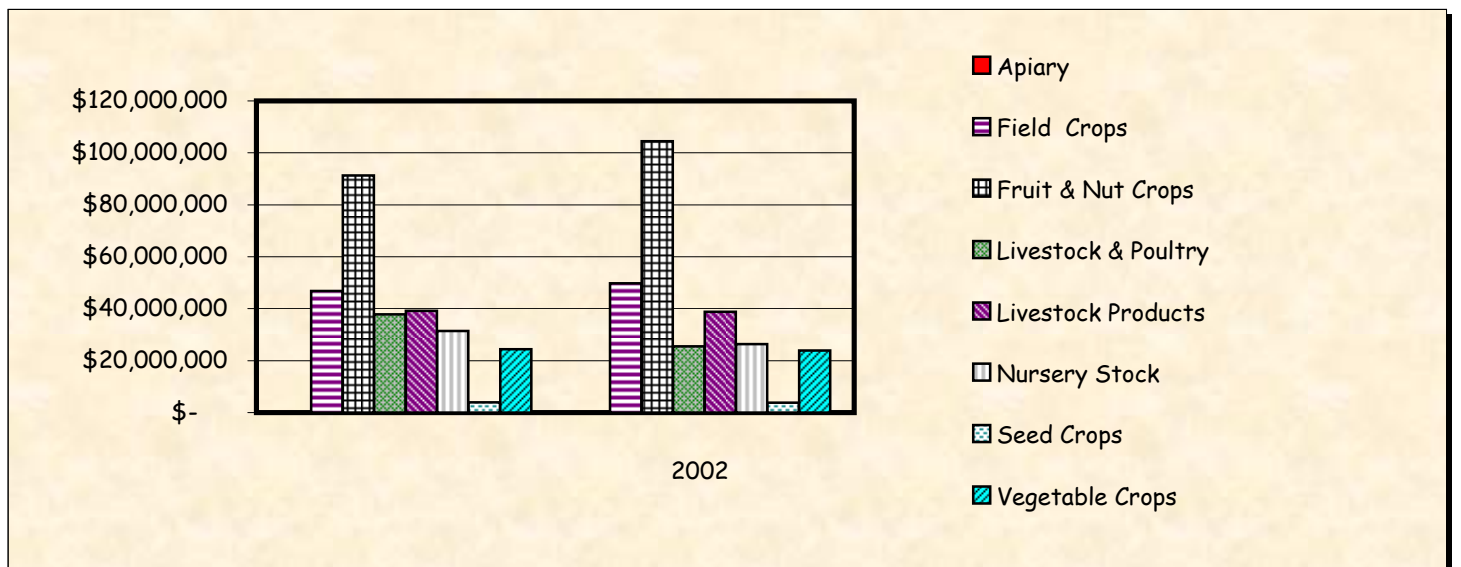
2003	\$	274,900,000
*2002	\$	272,674,000
2001	\$	298,719,000
2000	\$	286,231,000
1999	\$	293,859,000
1998	\$	275,408,000
1997	\$	249,793,000
1996	\$	244,416,000
1995	\$	229,787,000
1994	\$	225,182,000
1993	\$	228,651,000



\*revised

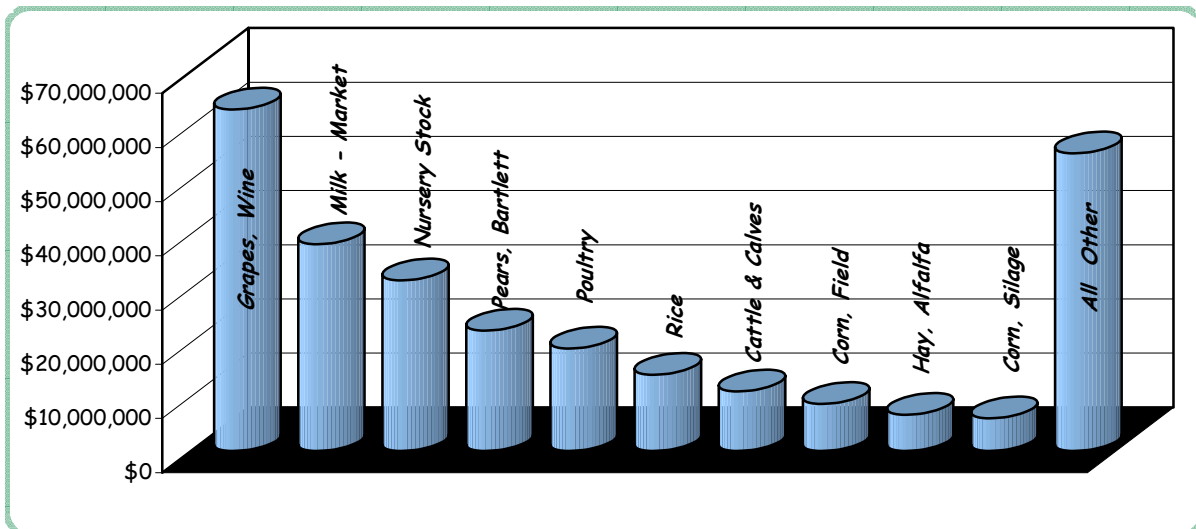
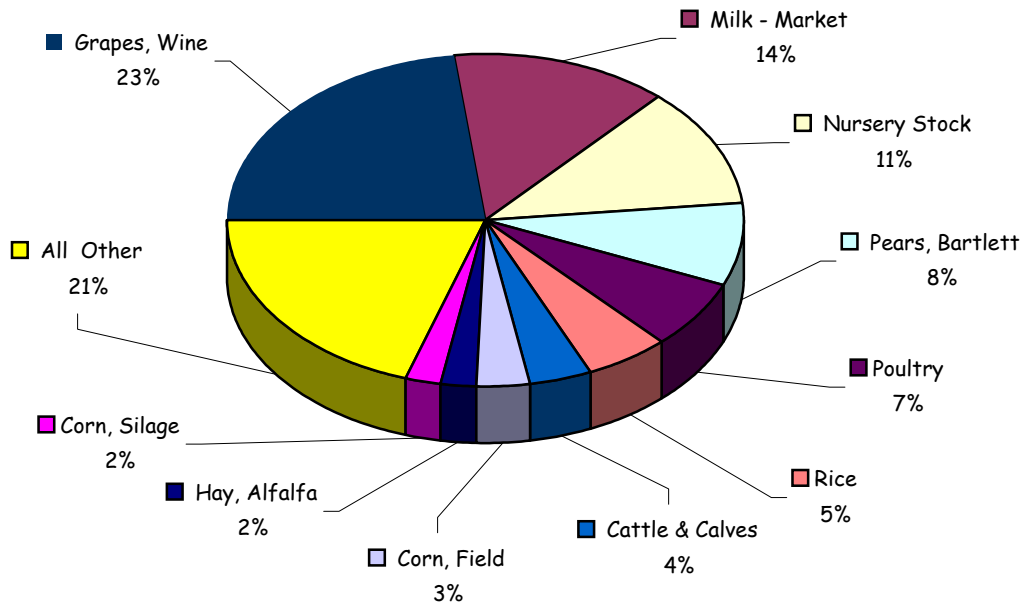
### SUMMARY OF PRODUCTION

	2003 Value of Production	2002 Value of Production
Apiary	\$ 51,000	\$ 55,000
Field Crops	\$ 46,855,000	\$ 49,719,000
Fruit & Nut Crops	\$ 91,308,000	\$ 104,429,000
Livestock & Poultry	\$ 37,777,000	\$ 25,556,000
Livestock Products	\$ 39,170,000	\$ 38,824,000
Nursery Stock	\$ 31,442,000	\$ 26,378,000
Seed Crops	\$ 3,913,000	\$ 3,775,000
Vegetable Crops	\$ 24,384,000	\$ 23,938,000



# THE TEN LEADING FARM COMMODITIES - 2003

Grapes, Wine	\$63,003,000
Milk - Market	38,159,000
Nursery Stock	31,442,000
Pears, Bartlett	22,195,000
Poultry	18,899,000
Rice	14,022,000
Cattle & Calves	10,959,000
Corn, Field	8,669,000
Hay, Alfalfa	6,655,000
Corn, Silage	6,002,000
All Other	54,895,000



## FIELD CROPS

Item	Year	PRODUCTION		VALUE			
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Barley	2003	862	2.2	1,900	TON	\$ 108.00	\$ 205,000
	2002	343	1.0	340	TON	97.00	33,000
Beans, Dry	2003	2,426	1.2	2,910	TON	580.00	1,688,000
	2002	1,457	0.8	1,170	TON	544.00	636,000
Corn, Field	2003	21,000	4.3	90,300	TON	96.00	8,669,000
	2002	23,430	4.9	114,810	TON	96.00	11,022,000
Corn, Silage	2003	10,992	26.0	285,790	TON	21.00	6,002,000
	2002	11,715	27.0	316,310	TON	20.40	6,453,000
Green Chop (Oat Silage)	2003	see miscellaneous					
	2002	1,327	10.1	13,400	TON	18.00	241,000
Hay, Alfalfa	2003	11,235	6.3	70,800	TON	94.00	6,655,000
	2002	15,359	6.8	104,400	TON	101.00	10,544,000
Hay, Grain (Oat)	2003	1,780	2.5	4,450	TON	59.40	264,000
	2002	2,645	2.4	6,350	TON	77.00	489,000
Hay, Other (Sudan, Clover)	2003	1,409	4.4	6,200	TON	101.00	626,000
	2002	4,982	3.0	14,950	TON	46.00	688,000
Oats	2003	500	2.0	1,000	TON	60.00	60,000
	2002	711	1.4	1,000	TON	75.00	75,000
Pasture	2003	20,000			ACRE	125.00	2,500,000
Irrigated	2002	22,130			ACRE	125.00	2,766,000



FIELD CROPS *continued*



Item	Year	PRODUCTION			VALUE			
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total	
Range	2003	65,000			ACRE	\$ 22.00	\$ 1,430,000	
	2002	72,500			ACRE	22.00	1,595,000	
Rice	2003	10,768	4.1	44,150	TON	★ 317.60	14,022,000	
	2002	8,831	4.4	38,860	TON	★ 254.00	9,870,000	
Safflower	2003	7,017	1.1	7,720	TON	265.40	2,049,000	
	2002	6,319	1.2	7,580	TON	238.10	1,805,000	
Sorghum, Grain	2003	617	1.6	990	TON	94.20	93,000	
	2002	620	2.0	1,240	TON	102.30	127,000	
Wheat	2003	9,503	1.7	16,160	TON	127.00	2,052,000	
	2002	9,730	2.5	24,330	TON	102.00	2,482,000	
Misc. Field	2003	1,611	<i>Green Chop, hops, miscellaneous silage, and organic rice</i>					540,000
	2002	1,554	<i>Sunflower, soybean, hops, organic rice and potatoes</i>					893,000
Total	2003	164,720				\$	46,855,000	
	2002	183,653				\$	49,719,000	

★ includes government payment to maintain reporting consistency between counties

# FRUIT AND NUT CROPS

Item	Year	PRODUCTION		VALUE			
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Apples	2003	413	17.0	7,021	TON	\$ 214.21	\$ 1,504,000
	2002	298	8.2	2,444	TON	255.00	623,000
Cherries	2003	303	2.6	788	TON	1,947.00	1,534,000
	2002	213	1.0	213	TON	1,021.00	217,000
Grapes, Wine	2003	23,698	6.3	149,297	TON	422.00	63,003,000
	2002	26,597	6.2	164,901	TON	448.00	73,876,000
Pears	2003	5,666	19.4	109,920	TON		22,195,000
	2002	6,015	19.0	114,285	TON		27,352,000
Processed	2003			75,231	TON	203.00	15,272,000
	2002			81,534	TON	237.00	19,324,000
Fresh FOB	2003			27,085	TON	250.00	6,771,000
	2002			26,330	TON	300.00	7,899,000
Juice (Other)	2003			7,600	TON	20.00	152,000
	2002			6,426	TON	20.00	129,000
Strawberries	2003	93	6.6	614	TON	2,000.00	1,228,000
	2002	92	6.5	598	TON	2,000.00	1,196,000
Miscellaneous	2003	995		Almonds, apricots, chestnuts, kiwi, nectarines, organic olives, organic pears, peaches, pecan, plums, and walnuts			1,844,000
	2002	835		Almonds, apricots, bosc pears, table grapes, kiwi, nectarines, organic fruit, peaches, pistachios, plums, and walnuts			1,165,000
Total	2003	31,168				\$	91,308,000
	2002	34,050				\$	104,429,000





# LIVESTOCK AND POULTRY

Item	Year	P R O D U C T I O N			V A L U E	
		No. of Head	Liveweight	Unit	Per Unit	Total
<b>Cattle &amp; Calves</b>	<b>2003</b>	<b>25,027</b>	<b>160,107</b>	<b>CWT</b>	<b>\$ 68.45</b>	<b>\$ 10,959,000</b>
	* 2002	23,033	149,261	CWT	\$ 57.00	\$ 8,508,000
<b>Sheep &amp; Lambs</b>	<b>2003</b>	<i>see Livestock - Other</i>				
	2002	1,184	1,447	CWT	\$ 76.00	\$ 110,000
<b>Hogs &amp; Pigs</b>	<b>2003</b>	<b>5,313</b>	<b>5,957</b>	<b>CWT</b>	<b>59.00</b>	<b>351,000</b>
	2002	5,313	5,940	CWT	58.00	345,000
<b>Poultry</b>	<b>2003</b>	<i>Chickens (roasters, fryers and custom) and Turkeys</i>				<b>18,899,000</b>
	2002	<i>Chickens (roasters, fryers and custom) and Turkeys</i>				11,116,000
<b>Aquaculture</b>	<b>2003</b>	<i>see Livestock - Other</i>				
	2002	<i>Catfish, sturgeon, minnows, edible carp, striped bass, and cray fish</i>				5,449,000
<b>Livestock Other</b>	<b>2003</b>	<i>Game birds, manure, sheep, and aquaculture</i>				<b>7,568,000</b>
	2002	<i>Game birds and manure</i>				28,000
<b>Total</b>	<b>2003</b>					<b>\$ 37,777,000</b>
	2002					\$ 25,556,000

\* Revised



# LIVESTOCK PRODUCTS

Item	Year	P R O D U C T I O N		V A L U E	
		Production	Unit	Per Unit	Total
Milk-Market	2003	3,283,875	CWT	\$ 11.62	\$ 38,159,000
	2002	3,413,774	CWT	\$ 11.14	\$ 38,029,000
Milk-Manufacturers	2003	84,982	CWT	11.82	1,004,000
	2002	74,155	CWT	10.64	789,000
Wool	2003	16,019	LB	0.46	7,000
	2002	16,157	LB	0.40	6,000
Total	2003			\$	39,170,000
	2002			\$	38,824,000



## APIARY PRODUCTS

### V A L U E

Apiary Products	2003	Honey and pollination	\$51,000
	2002	Honey and pollination	\$55,000





## NURSERY STOCK

Item	Year	Harvested Acreage		Value
Nursery Stock	2003	624.9	\$	31,442,000
	2002	666.0	\$	26,378,000
Ornamental trees and shrubs, christmas trees, grape stock, turf grass and strawberry plants				
Total	2003	625.0	\$	31,442,000
	2002	666.0	\$	26,378,000



# SEED CROPS

Item	PRODUCTION				VALUE		
	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Clover	2003	1,366	486.8	665,000	LB \$	1.30	\$865,000
	2002	608	432.0	262,700	LB \$	1.23	\$323,000
Rice	2003	1,175	4.1	4,800	TON	360.00	1,728,000
	2002	1,578	4.2	6,600	TON	280.00	1,848,000
Sudan	2003	1,762	2800.0	4,933,600	LB	0.24	1,184,000
	2002	3,000	2750.0	8,250,000	LB	0.19	1,568,000
Miscellaneous	2003	172	Alfalfa, bean, cucumber, squash, watermelon, and wheat				136,000
	2002	56	Bean, onion, squash and watermelon				36,000
Total	2003	4,475					\$3,913,000
	2002	5,242					\$3,775,000



## VEGETABLE CROPS

Item	Year	PRODUCTION		VALUE			
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
<b>Corn, Sweet</b>	<b>2003</b>	see miscellaneous		<b>0</b>	<b>TON</b>	<b>\$</b>	<b>-</b>
	2002	491	5.9	2,897	TON	1,449.00	4,198,000
<b>Peppers - All</b>	<b>2003</b>	<b>263</b>	<b>12.4</b>	<b>3,261</b>	<b>TON</b>	<b>482.00</b>	<b>1,572,000</b>
	2002	111	12.5	1,388	TON	298.00	413,000
<b>Pumpkins</b>	<b>2003</b>	<b>360</b>	<b>19.2</b>	<b>6,912</b>	<b>TON</b>	<b>130.00</b>	<b>899,000</b>
	2002	556	17.9	9,952	TON	178.00	1,772,000
<b>Squash</b>	<b>2003</b>	<b>261</b>	<b>8.5</b>	<b>2,219</b>	<b>TON</b>	<b>604.00</b>	<b>1,340,000</b>
	2002	see miscellaneous					
<b>Tomatoes, Fresh</b>	<b>2003</b>	see miscellaneous		<b>0</b>	<b>TON</b>		<b>-</b>
	2002	824	20.4	16,810	TON	352.00	5,917,000
<b>Tomatoes, Processed</b>	<b>2003</b>	<b>4,343</b>	<b>26.4</b>	<b>114,655</b>	<b>TON</b>	<b>49.80</b>	<b>5,710,000</b>
	2002	5,717	34.9	199,523	TON	47.60	9,497,000
<b>Miscellaneous</b>	<b>2003</b>	<b>1,949</b>	Artichoke, asparagus, misc. beans, misc. greens, sweet corn, cucumber, eggplant, onions, peas, fresh tomatoes, and watermelon				<b>14,863,000</b>
	2002	1,054	Artichoke, asparagus, misc. beans, beets, bok choy, cabbage, cucumber, daikon, eggplant, kale, misc. melon, napa cabbage, okra, green onion, onion-dry, organic vegetables, peas, squash				2,141,000
<b>Total</b>	<b>2003</b>	<b>7,176</b>				<b>\$</b>	<b>24,384,000</b>
	<b>2002</b>	<b>8,753</b>				<b>\$</b>	<b>23,938,000</b>



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## PEST EXCLUSION / PLANT QUARANTINE

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Agricultural pests have the opportunity each day to "hitchhike" into Sacramento County. Imported flowers from South America arriving at Federal Express, exotic fruits sent through the mail, a nursery shipment from another state; these are but a few ways non-native pests may be transported into our county. If not intercepted, these "invaders" could cause millions of dollars of damage to local crops and our economy. In 2003, Sacramento County Agricultural inspectors inspected 148,821 shipments.

When pests are intercepted, they are sent to the California Department of Food and Agriculture Plant and Pest Diagnostic Laboratory. There, they are identified and rated as to their ability to cause economic harm to the environment. An "A" rating is given to organisms of known economic importance; subject to eradication, containment, or rejection. "Q" rated organisms are suspected of being economically important but a permanent rating has not been established. They are treated as "A" rated pests, and rejected

Pests intercepted in Sacramento County in 2003 included the following

Scientific Name	Common Name	Rating	Origin of Shipment
<i>Agromyzidae</i>	leafminer	Q	Columbia, S.A.
<i>Aleurocerus palmae</i>	whitefly	Q	Florida
<i>Alyrodae sp</i>	whitefly	Q	Hawaii
<i>Amorbia sp.</i>	Tortricid leafroller	Q	Florida
<i>Cabomba</i>	aquatic weed	Q	Pennsylvania
<i>Carolina Fanwort</i>	aquatic weed	Q	Ohio
<i>Caulerpa sp.</i>	grape algae	Q	Indiana
<i>Chionaspis heterophyllae</i>	pine scale	Q	Florida
<i>Diastrophus radicum</i>	root gall wasp	A	Arkansas
<i>Diplidis diandra</i>	aquatic weed	Q	Pennsylvania
<i>Dryophthorus sp.</i>	weevil	A	Hawaii
<i>Epoasca sp.</i>	leafhopper	Q	Hawaii
<i>Geometridae</i>	inchworm	Q	Florida
<i>Hydrilla</i>	aquatic weed	A	Florida
<i>Kallitaxila granualata</i>	leafhopper	Q	Hawaii
<i>Lamantriidae immature</i>	tussock moth	Q	Florida
<i>Limnophila</i>	aquatic weed	Q	Pennsylvania
<i>Melormenis antillarum</i>	West Indian Flatid	Q	Florida
<i>Mistletoe</i>	parasitic plant	Q	Arkansas
<i>Orchamoplatus mammaeferus</i>	Croton Whitefly	Q	Hawaii
<i>Orgyia sp.</i>	Tussock Moth	Q	Florida
<i>Pheidole megacephala</i>	Big Headed Ant	Q	Hawaii
<i>Pieridae</i>	Pierid butterfly	Q	Florida
<i>Pinnaspis strachani</i>	scale insect	A	Florida
<i>Proconiine sp.</i>	Sharpshooter	Q	Florida
<i>Pseudaulacaspis cockerelli</i>	Magnolia White Scale	A	Hawaii
<i>Pseudococcidae sp.</i>	mealybug	Q	Florida
<i>Rotala</i>	aquatic weed	Q	Pennsylvania
<i>Technomyrmex albipens</i>	ant	Q	Hawaii
<i>Tettigoniidae sp.</i>	grasshopper	Q	Florida
<i>Vallisneria sp.</i>	aquatic weed	Q	Ohio

A-rating: Serious - State Action

B-rating: Serious - County Action

Q-rating: Serious -Quarantine Action

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## PEST DETECTION / SPECIAL SURVEYS

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### Oriental Fruit Flies Trapped

Sacramento County pest detection crews monitor over 3000 insect traps each year. These traps are placed and maintained in thousands of residential and commercial properties throughout the county. In 2003, inspectors trapped 2 Oriental fruit flies in the Rosemont area of Sacramento. These flies are native to southeast Asia and have become a major pest in Hawaii. Oriental fruit flies can damage over 230 different fruits. The female fruit fly deposits eggs under the skin of fruit, which will develop into fruit eating maggots. If left undetected, both home and commercial fruit producers would be affected by damaged fruit, quarantines, and massive increases in the use of pesticides.

In response to the finds, additional traps were set in an 81 square mile area. Weekly monitoring of the traps revealed no further evidence of the fly. Although the additional traps were removed from the field in late spring 2004, monitoring traps continue to be inspected. Because a specific site could not be determined to be the source of the flies, no pesticide treatments were conducted.

### Glassy-winged Sharpshooter

Approximately 4 square miles of Rancho Cordova continue to be infested with the Glassy-winged Sharpshooter (GWSS). County trapping and visual surveys confirmed the presence of a persisting population that was first discovered in Sacramento County in 2000. A limited pesticide treatment of approximately a quarter of a square mile was conducted. The treatments are carried out by ground crews after residents have been notified.

In 2002, Foothill Farms was also found to have the pest. Foothill Farms is situated 4 miles northwest of the Rancho Cordova infestation. In 2003, trapping and visual surveys revealed a wider spread of the pest than originally thought. A limited pesticide treatment of approximately a quarter of a square mile was conducted.

*Increased trapping levels and visual surveys will continue in both areas in 2004.*



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Picture courtesy of California Department of Agriculture

# FARMERS MARKET

There are 73 Farmers Market Producers certified in Sacramento County

## SACRAMENTO COUNTY CERTIFIED FARMER'S MARKETS

### 2004 Season Schedule:

#### Every SATURDAY

8 am to Noon  
Sunrise Mall  
Sunrise Blvd  
(Behind Sears Auto)  
Open All Year

#### Every SATURDAY

8 am to Noon  
County Club Plaza  
Watt & El Camino  
(Next to Macys)  
Open All Year

#### Every SUNDAY

8 am to Noon  
Florin Light Rail Station  
Between Hwy 99 & I-5  
Open July 11 to Sept 26th,  
possibly end of October

#### Every SUNDAY

8 am to Noon  
Central - State Parking Lot  
8th & W Streets  
(Under Freeway)  
Open All Year

#### Every SUNDAY

8 am to Noon  
Sutter St Cert Farmers Mkt  
Sutte Street & Wool Street  
Folsom  
Open July - December

#### Every TUESDAY

9:30 am to 1:30 pm  
Roosevelt Park  
9th and P Street  
(Around Park)  
Open May - October

#### Every TUESDAY

9 am to Noon  
Cal Expo  
Ethan Way & Exposition Blvd-  
Lot E  
Open May - October

#### Every WEDNESDAY

10 am to 2 pm  
Chavez Plaza  
10th & J Streets  
(Front of City Hall)  
Open May - Thanksgiving

#### Every THURSDAY

10 am to 2 pm  
Downtown Plaza  
4th and K Streets  
(Between Macy's & Holiday Inn)  
Open May - October

#### Every THURSDAY

5 pm to 8 pm  
Elk Grove Regional Park  
Elk Grove-Florin Rd  
Next to Park Pavilion  
Open July 29 to Sept 2

#### Every THURSDAY

8 am to Noon  
Florin Mall  
Florin Rd. Parking Lot  
(Front of Sears)  
Open All Year

For Farmer's Markets throughout the state visit [www.cafarmersmarkets.com](http://www.cafarmersmarkets.com)

For more information regarding the Farmer's Markets call (916) 688-0100 or (530) 644-3492 for Folsom Mkt or visit [www.California-Grown.com](http://www.California-Grown.com)

## ORGANIC GROWERS / PRODUCERS

Sacramento County registered 11 organic producers in 2003. Their production included:

Apples	Chard	Jujube	Peaches	Sprouts
Apricots	Corn	Kale	Pears	Squash
Asparagus	Cucumbers	Lettuce	Peas	Sunflowers
Beans	Daikon	Melons	Pecans	Tomatoes
Beets	Eggplant	Nectarine	Peppers	Turnips
Berries	Fig	Nursery Stock	Persimmons	
Broccoli	Garlic	Olive Oil	Potatoes	
Cabbage	Grapes	Onions	Rice	
Carrots	Herbs	Oranges	Spinach	



# PERSONNEL

## SACRAMENTO OFFICE

Frank E. Carl - Agricultural Commissioner / Director of Weights & Measures

Dave Wilson, Chief Deputy Agricultural Commissioner

Don Duncan, Chief Deputy Sealer

Juli Jensen, Deputy Agricultural Commissioner

Ramona Saunders, Deputy Agricultural Commissioner

### INSPECTORS

Lisa Arbegast	Parminder Malhi	Diana Stuhldreher
William Bianchi	Jackson McCarty	Karen Vietheer
Aisha Hightower	Vince Nyvall	Gerry Zepeda
Chris Hunley	Gafar Omar	<b>Sr Ag &amp; Stds Insp Aide</b>
Dori Kelsey	Danny Sarracino	Adrian Ramos
Randy Krieg	Ellen Stallions	Heather Downing

### Galt Office

Deborah Thompson

### Walnut Grove Office

Ronald T. Otsuji

### ADMINISTRATIVE SERVICES

Teresa Adams - Administrative Services Officer

Vicki Brewer - Account Clerk III

Paula Butler - Office Assistant II

Lisa Sewald - Office Assitant II

Priscilla West - Sr Office Assistant

### BOARD OF SUPERVISORS

Roger Dickinson	District 1
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Don Nottoli	District 5