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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Lake County

2005-2009





**LAKE COUNTY  
2005  
CROP REPORT**



A.G Kawamura, Secretary  
California Department of Food and Agriculture  
*And*  
The Honorable Board of Supervisors of Lake County

August 29, 2006

Gentlemen:

It is my pleasure to present the Lake County Agricultural Report for the year 2005 in accordance with Sections 2272 and 2279 of the California Agriculture Code. The gross value of Lake County agricultural production for 2005 was \$61,542,811; this is almost unchanged from 2004. The increase in the value of wine grapes countered decreases in all other agricultural categories except livestock and poultry products. **This report represents gross agricultural receipts and does not reflect production costs or net income to the producers.**

The gross value of wine grapes increased 17% in 2005. The total tonnage harvested increased by 13% and the grape acreage increased 3%. In addition, the tons per acre and the price per ton also increased .

In 2005, the gross value of pears decreased 28%. The total production decreased 38% and total pear acreage was reduced by 75 acres. Overall, prices per ton were up 15% from the previous year.

The gross value of walnuts decreased 44% from 2004. Total production decreased by 60%, the price per ton increased 29%, and the acreage remained virtually unchanged. Decreases in pear and walnut production in 2005 were due to inclement weather during critical times in the growing season.

There were decreases in the following agricultural categories:

Forest products (52%), nursery products (12%) livestock production (8%) vegetable production (4%) and field crops (2%) . Livestock and poultry products increased 4% in value. The decline in field crops was due to excessive rainfall in the spring.

The gross value of pears in this report represents the value of the pears after they are packed and processed. The figures do not indicate the value of the pears at the time of harvest or the gross income of the producers. The gross values of all other commodities in this report represent the value of each commodity at the time of harvest.

I would like to thank our staff Biologists Kris Eutenier and Dana Thibeau for their efforts in compiling the information, providing the photographs, and working on the layout of the 2005 Crop Report. I wish to express my appreciation to the many individuals and organizations who contributed to making this report possible.

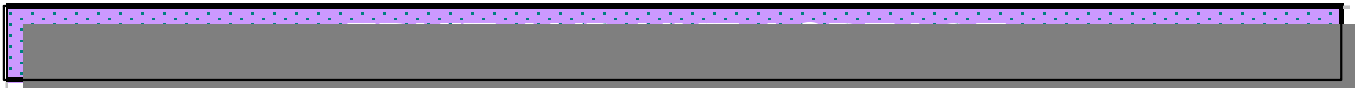
Respectfully submitted,

Steve Hajik  
Agricultural Commissioner

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (Tons)	YIELD (Tons/Acre)	RETURNS \$/Ton <sup>1</sup>	GROSS VALUE <sup>1</sup>	BEARING ACRES
<b>WINE GRAPES</b>							
Whites		2005	11,882	5.1	\$842	\$10,008,900	2,314
		2004	9,620	4.3	\$822	\$7,911,244	2,256
Reds		2005	20,113	3.9	\$1,399	\$28,140,200	5,204
		2004	18,252	3.8	\$1,306	\$23,839,411	4,820
<b>TOTAL ALL WINE GRAPES</b>		<b>2005</b>	<b>31,995</b>	<b>4.3</b>	<b>\$1,192</b>	<b>\$38,149,100</b>	<b>7,518</b>
		<b>2004</b>	<b>27,872</b>	<b>3.9</b>	<b>\$1,139</b>	<b>\$31,751,000</b>	<b>7,076</b>
<b>PEARS</b>							
Bartlett Including Red	Fresh	2005	11,060		\$776	\$8,581,000	
		2004	22,783		\$566	\$12,902,000	
	Cannery	2005	12,987		\$218	\$2,829,000	
		2004	17,343		\$192	\$3,332,000	
	Baby Food	2005	809		\$69	\$55,900	
		2004	1,449		\$72	\$103,700	
	By-products <sup>2</sup>	2005	3,876		\$34	\$130,800	
		2004	5,857		\$67	\$390,800	
Total Bartlett		2005	28,732	12.3	\$404	\$11,597,000	2,330
		2004	47,432	19.9	\$353	\$16,729,000	2,383
Winter & Asian (Includes Bosc, Comice, Seckel)	Fresh	2005	948		\$911	\$864,000	
		2004	1,173		\$640	\$751,000	
	By-products	2005	227		\$20	\$4,535	
		2004	205		\$20	\$4,100	
Total Winter & Asian		2005	1,175	11.3	\$739	\$869,000	104
		2004	1,378	11.2	\$548	\$755,000	123
Red Pears other than Bartlett (Starkrimson)	Fresh	2005	334		\$1,167	\$390,072	
		2004	503		\$684	\$344,000	
	By-products	2005	149		\$54	\$8,086	
		2004	205		\$12	\$2,440	
Total Reds		2005	483	10.1	\$824	\$398,200	48
		2004	708	13.9	\$489	\$346,400	51
<b>TOTAL ALL PEARS</b>		<b>2005</b>	<b>30,390</b>	<b>12.2</b>	<b>\$423</b>	<b>\$12,864,000</b>	<b>2,482</b>
		<b>2004</b>	<b>49,518</b>	<b>19.4</b>	<b>\$360</b>	<b>\$17,830,000</b>	<b>2,557</b>
<b>WALNUTS</b>							
Irrigated Walnuts		2005	456	0.48	\$1,756	\$800,700	950
		2004	555	0.98	\$1,243	\$689,900	565
Non-Irrigated Walnuts		2005	367	0.21	\$1,756	\$645,000	1,745
		2004	1,529	0.71	\$1,243	\$1,901,000	2,141
<b>TOTAL ALL WALNUTS</b>		<b>2005</b>	<b>823</b>	<b>0.31</b>	<b>\$1,756</b>	<b>\$1,445,700</b>	<b>2,695</b>
		<b>2004</b>	<b>2,084</b>	<b>0.77</b>	<b>\$1,243</b>	<b>\$2,590,900</b>	<b>2,706</b>
<b>MISCELLANEOUS FRUITS &amp; NUTS</b>							
MISCELLANEOUS FRUITS & NUTS <sup>3</sup>		<b>2005</b>				<b>\$142,241</b>	<b>86</b>
		<b>2004</b>				<b>\$244,000</b>	<b>218</b>
<b>TOTAL ALL FRUIT</b>		<b>2005</b>				<b>\$52,601,000</b>	<b>12,781</b>
		<b>2004</b>				<b>\$52,416,000</b>	<b>12,557</b>

<sup>1</sup>This is gross value and does not represent net return to the producer.





CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
PEARS	BARTLETT	2,330	0	2,330
	WINTER & ASIAN	104	3	107
	REDS	48	0	48
	<b>TOTAL</b>	<b>2,482</b>	<b>3</b>	<b>2,485</b>
WINE GRAPES	WHITES	2,314	433	2,747
	REDS	5,204	578	5,782
	<b>TOTAL</b>	<b>7,518</b>	<b>1,011</b>	<b>8,529</b>
WALNUTS		2,695	77	2,772
MISCELLANEOUS <sup>1</sup>		86		86
<b>TOTAL</b>		<b>12,781</b>	<b>1,091</b>	<b>13,872</b>

<sup>1</sup>Includes apples, peaches, strawberries, melons, dried fruits, olives, etc.



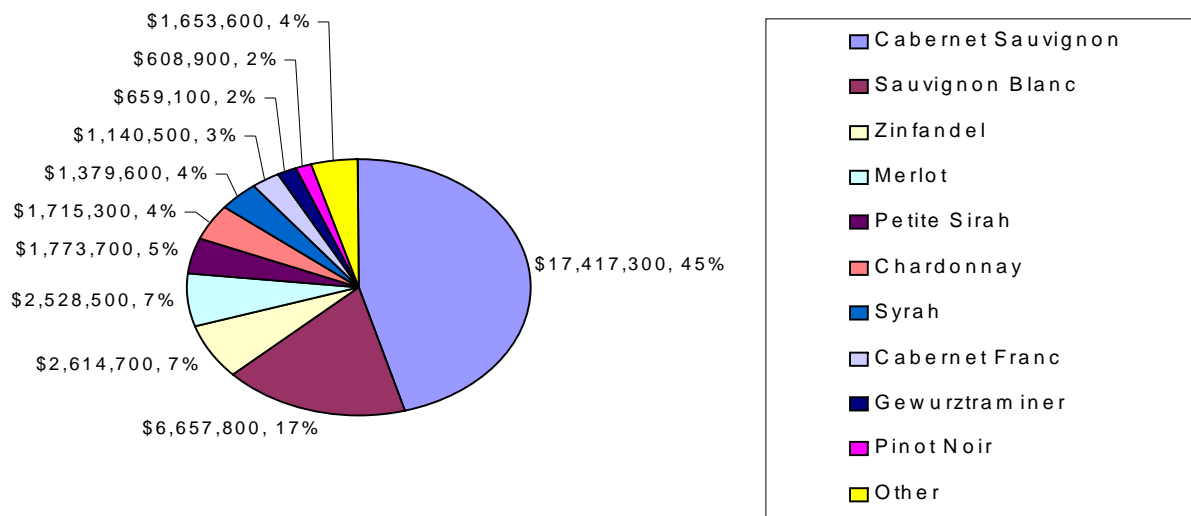
Variety	Production (Tons)	Returns (\$/Ton)	Gross Value
Cabernet Sauvignon	11,431	\$1,524	\$17,417,300
Sauvignon Blanc	7,885	\$844	\$6,657,800
Zinfandel	2,621	\$998	\$2,614,700
Merlot	2,263	\$1,117	\$2,528,500
Petite Sirah	1,296	\$1,368	\$1,773,700
Chardonnay	2,034	\$843	\$1,715,300
Syrah	1,167	\$1,182	\$1,379,600
Cabernet Franc	593	\$1,924	\$1,140,500
Gewurztraminer	824	\$800	\$659,100
Pinot Noir	300	\$2,030	\$608,900
Muscat Blanc	370	\$1,114	\$412,400
Semillon	390	\$764	\$298,000
Petit Verdot	126	\$1,360	\$171,600
Viognier	125	\$1,275	\$159,200
Malbec	84	\$1,627	\$137,300
Barbera	74	\$1,542	\$114,400
Tempranillo	51	\$1,683	\$85,000
Other	362	\$763	\$275,800
Total	31,995	\$1,192	\$38,149,100







## TOP 10 WINE GRAPE VARIETIES









*The Life of a Lake County Pear  
From Blossom to Market*



BLOSSOMS

PETAL FALL



FRUIT SET



TURN DOWN



MATURE RIPE PEARS



SPRING TIME  
FROST PROTECTION  
WIND OR SPRINKLERS



WINTER TIME  
PEARS NEED ABOUT 1000  
HOURS OF COLD TIME



WINTER AND EARLY SPRING  
TREES ARE PRUNED



WHEN THE PRESSURE IS BE-  
TWEEN 18 AND 20 LBS, AND  
SUGAR IS AROUND 10 PERCENT  
BRUX,  
PEARS ARE READY TO HARVEST



PEARS ARE PICKED  
BY HAND, TO AVOID  
BRUISING



PEARS ARE READY TO  
TRANSFER FROM ORCHARD  
TO PACKING SHED







**BIN DUMP  
PEARS GO THROUGH  
WASH, THEN ON TO SORTING**

**SORTING TABLE  
SORTED FOR FRESH PACK,  
CANNERY, BABY FOOD AND CULLS**



**SORTING AND  
RESORTING FOR  
CANNERY, BABYFOOD  
AND CULLS**

**PACKED BINS  
READY FOR CANNERY,  
AND BABY FOOD**



**SIZER, SORTS BY WEIGHT OR  
SIZE SO PACKED BOXES  
HAVE THE SAME SIZE PEARS**

**HAND WRAPPED AND PACKED, OR  
MACHINE TIGHT FILL PACK**



**PACKED BOXES  
READY FOR FINAL  
SORTING BY SIZE  
ON TO PALLETS**

**PALLETS READY  
FOR COLD  
STORAGE AND  
SHIPMENT TO  
MARKET**





## LAKE COUNTY PEAR HISTORY



1962 Pear Orchards in Kelseyville.  
Gaddy Lane towards Kelseyville town.  
Field's and Benson's Orchards on right

Pear orchards 1962  
Merrit Road on left, towards Hwy 29  
Hansen Orchard in foreground



Weed spraying



Aerial Spraying of Pears, Walnuts



Original Agricultural Office in Kelseyville



Weed Spraying by Agricultural Dept. 1960's



1938 Laughin Place, steaming pear trees for coddling moth larvae



New Agricultural Office in Lakeport, 1973-4

Don Eutenier, Farmer and

Pres. of Farm Bureau (doing the ribbon cutting).

Junior Wilds, Farmer and Supervisor, (white jacket, in front)

Chet Hemstreet, Farm Advisor (back right)

Charles Geoble, Agricultural Commissioner (back left)

**HISTORICAL FACTS ABOUT LAKE COUNTY PEAR INDUSTRY**

The first pears were planted in Lake County in the 1880's. The industry was viable by 1919 with a crop of 800 tons from 700 planted acres.

By 1930 there were 6,000 planted acres, with a production of 19,000 tons.

By 1964 there were 4,800 planted acres producing 62,500 tons.

The highest production year was 1982 with 86,754 tons from 5,480 acres.

The lowest production year was 1932 with just .63 tons per acre, producing 4,030 total tons.

2004 there were 2,557 planted acres with a production of 49,518 tons.

One of the oldest pear trees in Lake County, the "Grandfather Tree" located on the Henderson Ranch on Gaddy Lane, Kelseyville. Planted in the late 1800's. Shown by Diane Henderson







COMMODITY	YEAR	GREENHOUSE SQUARE FEET	FIELD ACRES	\$ VALUE
NURSERY <sup>1</sup>	2005	76,000	85	\$3,644,400
	2004	70,800	78	\$4,124,100

<sup>1</sup>Includes turf and cut flowers



ITEM	YEAR	MBF <sup>2</sup>	VALUE <sup>3</sup>
Timber Yield	2005	100	\$29,520
	2004	486	\$62,530

<sup>1</sup>Values furnished by the California State Board of Equalization  
<sup>2</sup>Quantity of timber cut and scaled (Thousand Board Feet)  
<sup>3</sup>Value of timber immediately before cutting



COMMODITY	YEAR	ACREAGE	UNIT	\$/UNIT	\$ VALUE
IRRIGATED PASTURE	2005	2,000	Acre	\$120.00	\$240,000
	2004	1,675	Acre	\$110.40	\$184,920
RANGE	2005	90,000	Acre	\$7.00	\$630,000
	2004	90,000	Acre	\$5.00	\$450,000
MISCELLANEOUS <sup>1</sup>	2005	3,624	Acre		\$1,398,058
	2004	2,874	Acre		\$1,450,000
<b>TOTALS</b>	<b>2005</b>	<b>95,624</b>			<b>\$2,268,058</b>
	<b>2004</b>	<b>96,068</b>			<b>\$2,320,000</b>

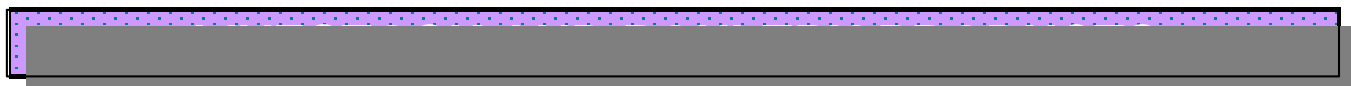
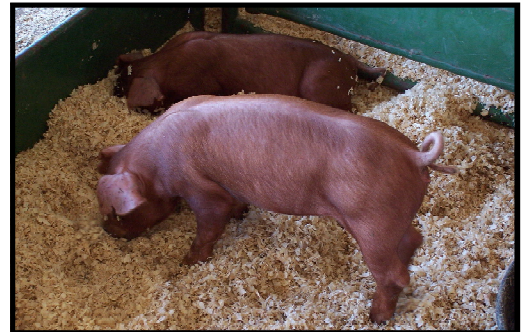
<sup>1</sup>Includes alfalfa, oat hay, grass hay, wild rice.



COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT <sup>1</sup> (LIVE WT.)	\$ PER CWT	VALUE
CATTLE AND CALVES	2005	3,618	28,941	\$90.50	\$2,619,100
	2004	3,982	31,858	\$88.20	\$2,809,911
MISCELLANEOUS <sup>2</sup>	2005				\$45,946
	2004				\$80,900
<b>TOTALS</b>	2005				<b>\$2,665,000</b>
	2004				<b>\$2,891,000</b>

<sup>1</sup>CWT = 100 lbs.

<sup>2</sup>Includes goats, sheep, hogs, and rabbits.



COMMODITY	YEAR	\$ VALUE
MISCELLANEOUS <sup>1</sup>	2005	\$152,510
	2004	\$145,800

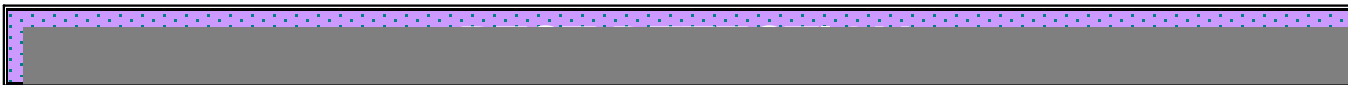
<sup>1</sup>Includes apiary, eggs, cheese, and wool





COMMODITY	YEAR	ACRES	VALUES
Miscellaneous Vegetables <sup>1</sup>	2005	21	\$182,323
	2004	50	\$200,000

<sup>1</sup>Includes pumpkins, beans, sweet corn, garlic, herbs, peas, potatoes, squash, tomatoes, etc.



TRAPS DEPLOYED	PROGRAM HOURS
85	612 (Up 250%)



URBAN TRAPS	PROGRAM HOURS
302	1595 (Up 40%)

<sup>1</sup>Includes traps for Mediterranean Fruit Fly, Oriental Fruit Fly, Melon Fly, Gypsy Moth and Japanese Beetle



URBAN TRAPS	CROPLAND/NURSERY TRAPS	PROGRAM HOURS
110	63	926



NUMBER OF INSPECTIONS	PROGRAM HOURS
98	481.5





## BIOLOGICAL CONTROL

Biological Control is the deliberate use of natural enemies to suppress or manage pest populations at acceptable levels.

PEST	AGENT/MECHANISM	SCOPE OF PROGRAM
Bull Thistle	Gall Fly	2 Sites, unknown establishment
Italian Thistle	Seed Head Weevil	Generally distributed
Klamath Weed	Klamath Weed Beetle	Widely distributed
Yellow Starthistle	Seed Head Weevil	Widely distributed
	Gall Fly	2 Sites
	Flower Weevil	1 Site
	Hairy Weevil	Becoming generally distributed
	Peacock Fly	Generally distributed
Red Gum Lerp Psyllid	Wasp ( <i>Psyllaephagus bliteus</i> )	1 Site, well established
Puncture Vine	Stem Boring Weevil	Generally distributed

## PEST ERADICATION

The following pests were under active control and eradication during the year: Dalmatian Toadflax, Scotch Thistle, Plumeless Thistle, Artichoke Thistle, Purple Starthistle, Oblong Spurge, Canada Thistle, Hydrilla\*. \*Hydrilla is a CDFA program supported by the Lake County Agriculture Department.

## PEST EXCLUSION

Pest exclusion inspections are conducted daily at Post Offices and the U.P.S. terminal

PACKAGES PROFILED	PACKAGES INSPECTED	PACKAGES REJECTED
2579	590	0

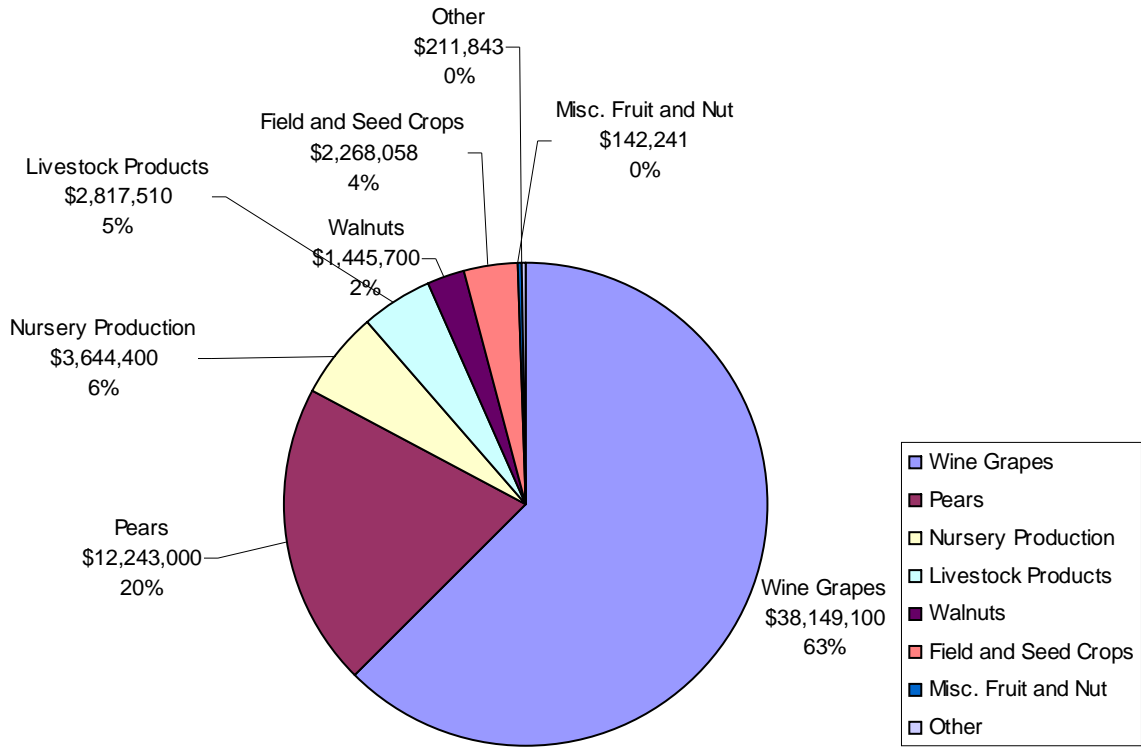
## ORGANIC<sup>1</sup> FARMING STATISTICS

CROPS	NUMBER OF FARMS	ACRES
Walnuts	74	1748
Wine Grapes	10	221
Misc. Fruit	8	173
Misc. Vegetables	7	34
Nursery	2	3
Apples	3	5
Pears	7	64
<b>TOTAL</b>	<b>111</b>	<b>2248</b>

<sup>1</sup>Registered organic with the Lake County Agricultural Commissioner



## 2005 AGRICULTURAL PRODUCTION BY COMMODITY



COMMODITY CLASS	YEAR	VALUE
FRUITS AND NUTS	2005	\$52,601,000
	2004	\$52,416,000
LIVESTOCK PRODUCTION	2005	\$2,665,000
	2004	\$2,891,000
LIVESTOCK & POULTRY PRODUCTS	2005	\$152,510
	2004	\$146,700
NURSERY PRODUCTION	2005	\$3,644,400
	2004	\$4,124,100
VEGETABLE CROPS	2005	\$182,323
	2004	\$200,000
FIELD CROPS	2005	\$2,268,058
	2004	\$1,676,000
FOREST PRODUCTS	2005	\$29,520
	2004	\$62,530
<b>GRAND TOTAL</b>	<b>2005</b>	<b>\$61,542,811</b>
	<b>2004</b>	<b>\$61,516,000</b>



LAKE COUNTY BOARD OF SUPERVISORS

Ed Robey, District 1  
Jeff Smith, District 2  
Gary Lewis, District 3  
Anthony Farrington, District 4  
Rob Brown, District 5

AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS & MEASURES

Steve Hajik

DEPUTY AGRICULTURAL COMMISSIONER  
DEPUTY SEALER OF WEIGHTS & MEASURES

Chuck Morse

AGRICULTURAL BIOLOGISTS

Andrew Tritchler  
Kristine Eutenier  
Dana Thibeau  
Denise Patrick

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Marcy Harrison, Secretary  
Tonja Dailey, Office Assistant

Lynn Eutenier  
Kristi Bloomquist

FEDERAL WILDLIFE SERVICES STAFF

Scott Young  
Greg Wamsley

COLOR PHOTOGRAPHY BY Kris Eutenier

Left to Right

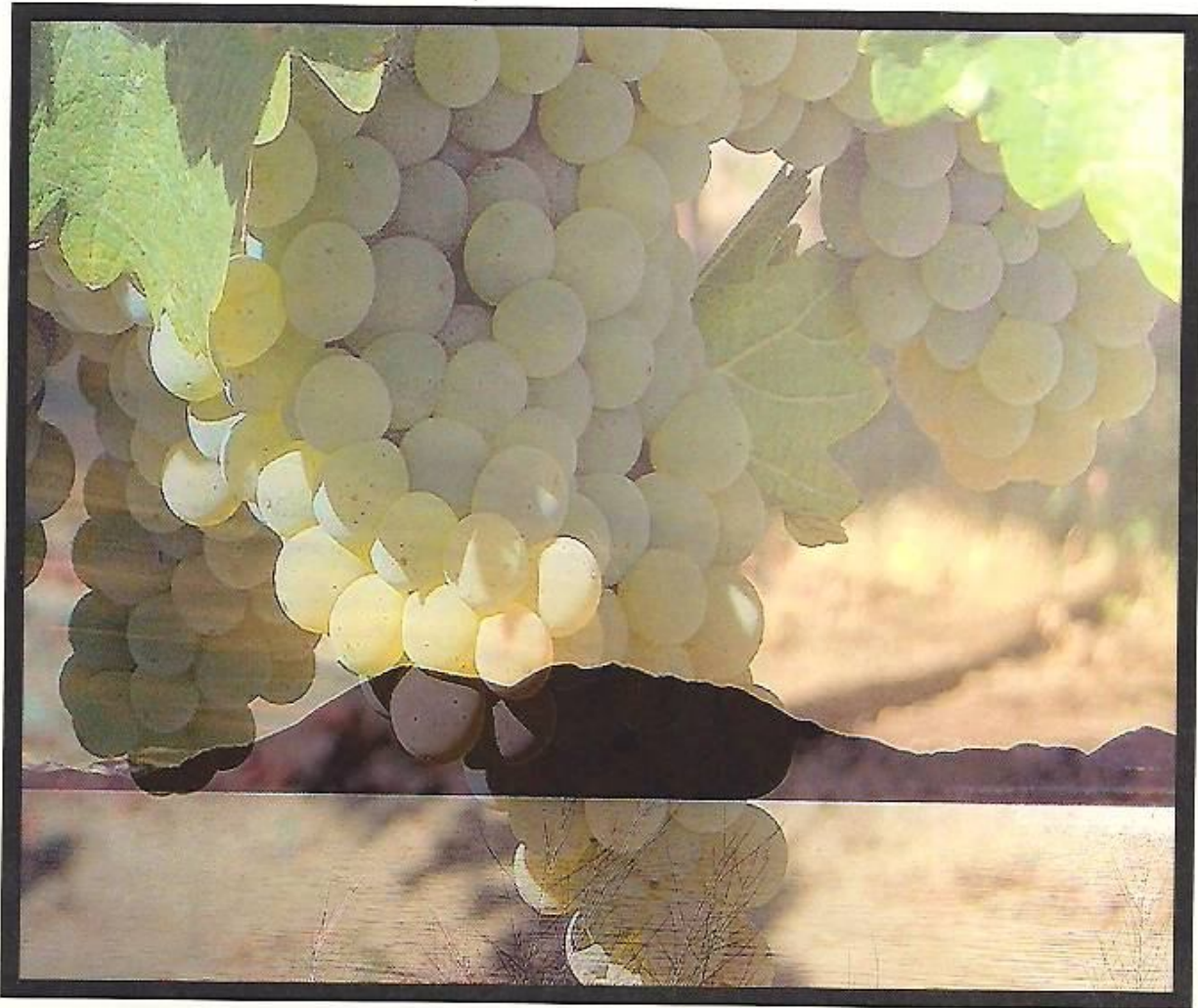
Kristine Eutenier, Biologist III, Wts. & Meas. III  
Chuck Morse, Deputy Commissioner  
Andrew Tritchler, Biologist III, Wts. & Meas. III  
Steve Hajik, County Commissioner  
Dana Thibeau, Biologist III, Wts. & Meas. III  
Denise Patrick, Biologist III, Wts. & Meas. III





***LAKE COUNTY***

***CROP REPORT***



***2006***



**COUNTY OF LAKE**  
Department of Agriculture  
Department of Weights & Measures  
883 Lakeport Blvd.  
Lakeport CA 95453  
Phone: (707) 263-0217  
FAX: (707) 263-1052

**STEVEN HAJIK**  
Agricultural Commissioner  
Sealer of Weights & Measures

September 25, 2007

Mr. A.G. Kawamura, Secretary  
California Department of Food and Agriculture  
*And*  
The Honorable Board of Supervisors of Lake County

It is my pleasure to present the Lake County Agricultural Report for the year 2006 in accordance with sections 2272 and 2279 of the California Agriculture Code. The gross value of Lake County agricultural production for 2006 was \$68,766,520. This is an increase of 11% from 2005. This increase is primarily due to significantly higher receipts for wine grapes and walnuts. **This report represents gross agricultural receipts and does not reflect production costs or net income to the producers.**

The gross value of wine grapes increased 12% in 2006. The total tonnage harvested increased by 9% and the total grape acreage decreased 2%. In addition, the tons per acre and the price per ton increased.

In 2006, the gross value of pears decreased 2% from 2005. The total production increased 21% and total pear acreage was reduced by 242 acres. Overall, prices per ton declined 23% from the previous year. Approximately 25% of the pear crop was never packed due to a labor shortage.

The gross value of walnuts and production tons increased 130% from 2005. The price per ton and acreage remained virtually unchanged.

Increases were noted in forest products (over 1,000%), nursery production (18%), and vegetable crops (33%). Decreases were noted in field crops (7%), livestock production (14%), and livestock and poultry products (12%).

The gross value of pears in this report represents the value of the pears after they are packed and processed. The figures do not indicate the value of the pears at the time of harvest or the gross income of the producers. The gross values of all other commodities in this report represent the value of each commodity at the time of harvest.

I would like to thank our staff Biologists Kris Eutenier and Dana Thibeau for their efforts in compiling the information, providing the photographs, and working on the layout of the 2006 Crop Report. I wish to express my appreciation to the many individuals and organizations who contributed to making this report possible.

Respectfully submitted,

Steve Hajik  
Agricultural Commissioner



## FRUIT AND NUT CROPS

COMMODITY	MARKET TYPE	YEAR	PRODUCTION TONS	YIELD TONS / ACRE	RETURNS \$/ TON <sup>1</sup>	GROSS VALUE <sup>1</sup>	BEARING ACRES	
<b>WINE GRAPES</b>								
WHITES		2006	14,722	6.0	\$903	\$13,290,300	2,447	
		2005	11,882	5.1	\$842	\$10,008,900	2,314	
REDS		2006	20,431	3.8	\$1,464	\$29,914,300	5,395	
		2005	20,113	3.9	\$1,399	\$28,140,200	5,204	
TOTAL ALL WINE GRAPES		2006	35,153	4.5	\$1,229	\$43,204,600	7,842	
		2005	31,995	4.3	\$1,192	\$38,149,100	7,518	
<b>PEARS</b>								
BARTLETT INCLUDING RED	FRESH	2006	16,426		\$504	\$8,285,000		
		2005	11,060		\$776	\$8,581,000		
	CANNERY	2006	14,553		\$202	\$2,941,000		
		2005	12,987		\$218	\$2,829,000		
	BABY FOOD	2006	2,160		\$37	\$80,400		
		2005	809		\$69	\$55,900		
	BY- PRODUCTS <sup>2</sup>	2006	2,969		\$3	\$8,900		
		2005	3,876		\$34	\$130,800		
	TOTAL BARTLETT		2006	36,108	17.3	\$313	\$11,315,000	2,092
			2005	28,732	12.3	\$404	\$11,597,000	2,330
WINTER & ASIAN (INCLUDES BOSQ, COMICE, SECKEL)	FRESH	2006	1,154		\$678	\$782,313		
		2005	948		\$911	\$864,000		
	BY-PRODUCTS	2006	547		\$1	\$248		
		2005	227		\$20	\$4,535		
TOTAL WINTER & ASIAN		2006	1,701	16.2	\$460	\$783,000	105	
		2005	1,175	11.3	\$739	\$869,000	104	
RED PEARS OTHER THAN BARTLETT (STARKRIMSON)	FRESH	2006	554		\$920	\$510,221		
		2005	334		\$1,167	\$390,072		
	BY- PRODUCTS	2006	271		\$34	\$9,129		
		2005	149		\$54	\$8,086		
TOTAL REDS		2006	826	19.2	\$629	\$519,400	43	
		2005	483	10.1	\$824	\$398,200	48	
TOTAL ALL PEARS <sup>4</sup>		2006	38,635	17.2	\$327	\$12,617,000	2,240	
		2005	30,390	12.2	\$423	\$12,864,000	2,482	
<b>WALNUTS</b>								
IRRIGATED WALNUTS		2006	1,047	1.10	\$1,755	\$1,837,500	952	
		2005	456	0.5	\$1,756	\$800,700	950	
NON-IRRIGATED WALNUTS		2006	864	0.49	\$1,755	\$1,515,000	1,750	
		2005	367	0.2	\$1,756	\$645,000	1,745	
TOTAL ALL WALNUTS		2006	1,911	0.71	\$1,755	\$3,352,900	2,702	
		2005	823	0.3	\$1,756	\$1,445,700	2,695	
<b>MISCELLANEOUS FRUITS &amp; NUTS</b>								
MISCELLANEOUS <sup>3</sup>		2006				\$142,241	86	
		2005				\$142,241	86	
TOTAL ALL FRUIT AND NUTS		2006				\$59,317,000	12,870	
		2005				\$52,601,000	12,781	

<sup>1</sup> THIS IS GROSS VALUE AND DOES NOT REPRESENT NET RETURN TO THE PRODUCER.

<sup>2</sup> INCLUDES DRIED PEARS    <sup>3</sup> INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, AND DRIED FRUITS

<sup>4</sup> BASED ON CROP ESTIMATE, ABOUT 25% WAS NOT HARVESTED DUE TO LACK OF LABOR



## FRUIT AND NUT ACREAGE

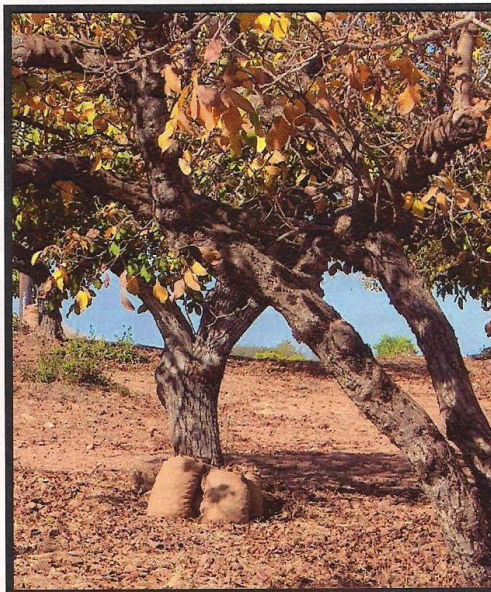
CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
PEARS	BARTLETT	2,092	0	2,092
	WINTER & ASIAN	105	3	108
	REDS	43	0	43
	<b>TOTAL</b>	2,240	3	2,243
WINE GRAPES	WHITES	2,447	280	2,727
	REDS	5,395	223	5,618
	<b>TOTAL</b>	7,842	503	8,345
WALNUTS		2,702	150	2,852
MISCELLANEOUS <sup>1</sup>		86	0	86
<b>TOTAL</b>		12,870	656	13,526

<sup>1</sup> INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, DRIED FRUITS, OLIVES, ETC.



Bartlett Pear Blossoms

Harvested Walnuts  
ready for transport to dryer







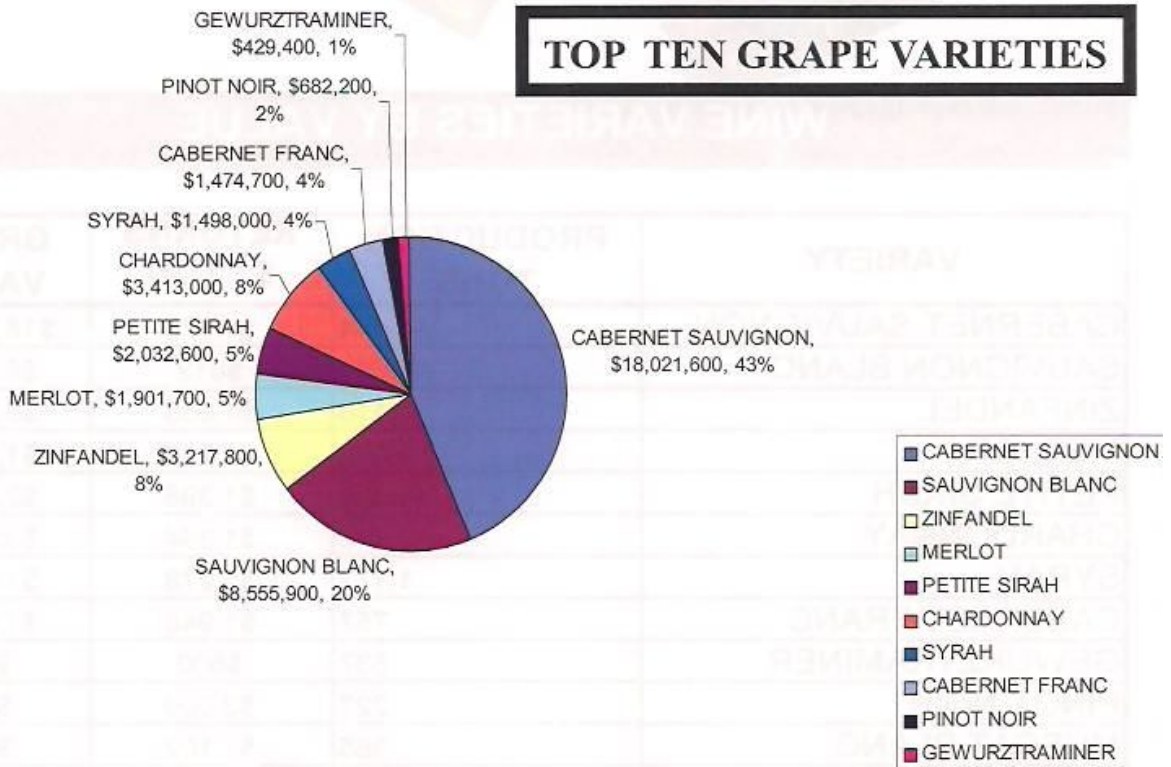
## WINE VARIETIES BY VALUE

VARIETY	PRODUCTION TONS	RETURNS \$ / TON	GROSS VALUE
CABERNET SAUVIGNON	11,444	\$1,575	\$18,021,600
SAUVIGNON BLANC	10,531	\$812	\$8,555,900
ZINFANDEL	3,116	\$1,033	\$3,217,800
MERLOT	1,572	\$1,210	\$1,901,700
PETITE SIRAH	1,454	\$1,398	\$2,032,600
CHARDONNAY	2,448	\$1,394	\$3,413,000
SYRAH	1,172	\$1,278	\$1,498,000
CABERNET FRANC	757	\$1,948	\$1,474,700
GEWURZTRAMINER	537	\$800	\$429,400
PINOT NOIR	227	\$3,000	\$682,200
MUSCAT BLANC	365	\$1,102	\$402,300
SEMILLON	254	\$751	\$190,700
PETIT VERDOT	176	\$1,512	\$265,500
VIOGNIER	76	\$1,335	\$102,000
MALBEC	190	\$1,649	\$312,500
BARBERA	96	\$1,440	\$137,600
TEMPRANILLO	69	\$1,806	\$123,900
WHITE RIESLING	111	\$1,297	\$144,000
GRENACHE	78	\$1,700	\$131,900
OTHER	482	\$347	\$167,300
<b>TOTAL</b>	<b>35,153</b>	<b>\$1,229</b>	<b>\$43,204,600</b>



Vineyard at the foot of  
Mount Konocti

### TOP TEN GRAPE VARIETIES

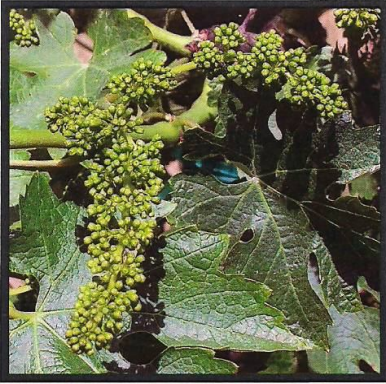


Fall vineyard, above Red Hills

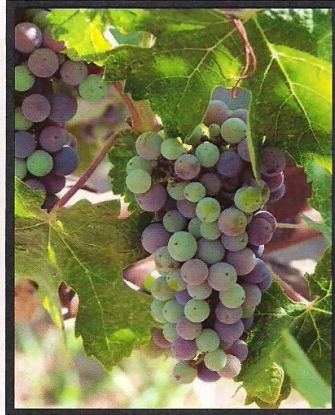




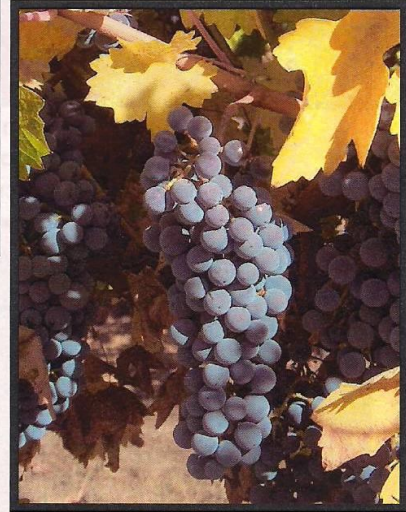
# STAGES OF GRAPE DEVELOPMENT



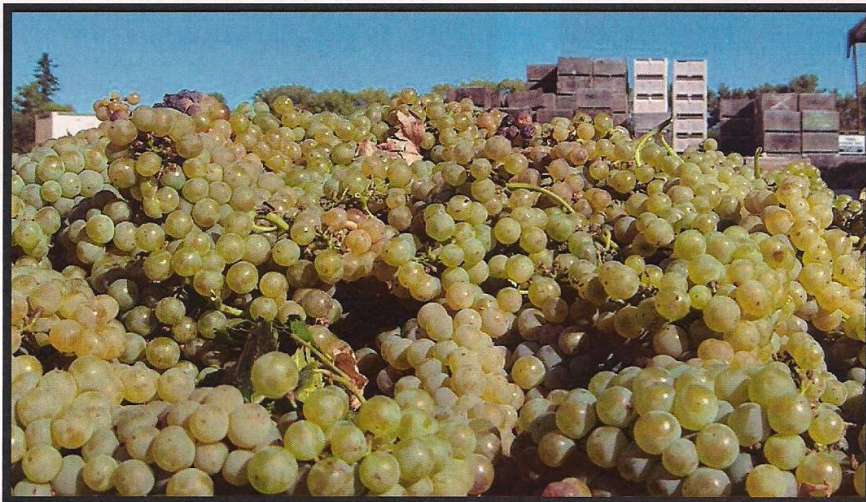
Berry Set



Veraison

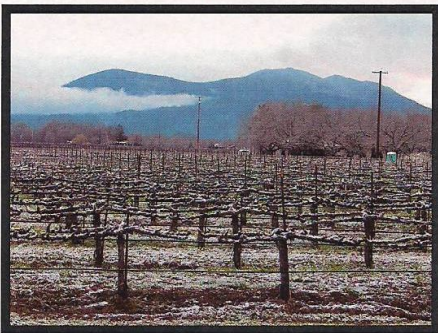


Maturity

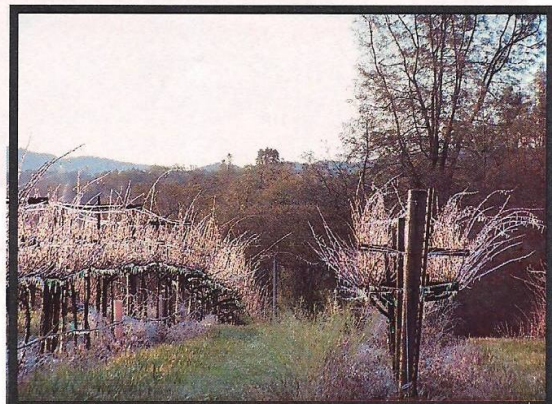


Harvest

Frost Protection

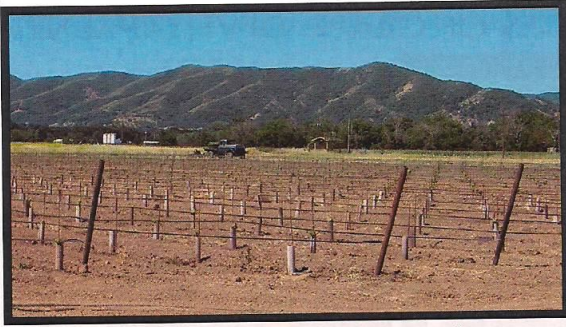


Winter Time Dormant





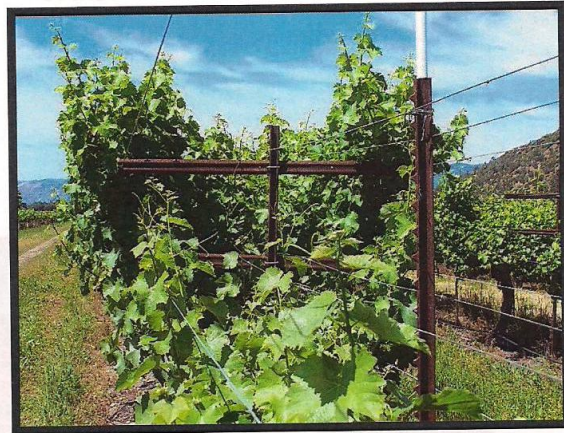
## VINEYARD CARE



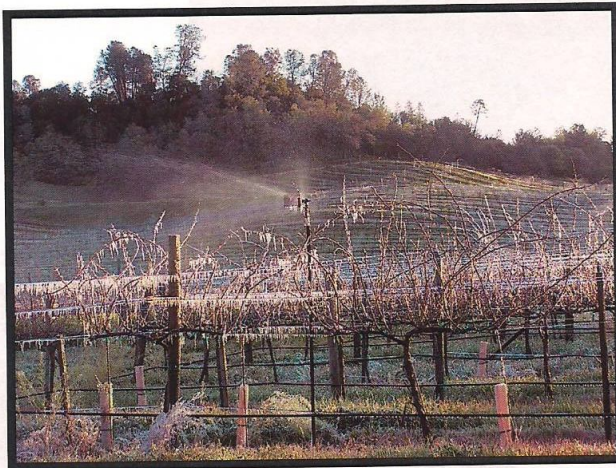
Newly planted vineyard; grow tubes or cartons are used for young plant protection.



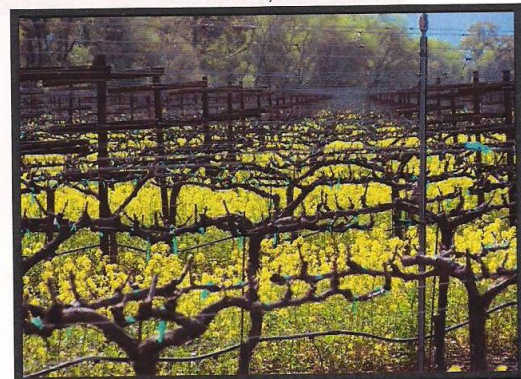
Vines are pruned during the winter and early spring.



One type of trellis: this system allows more sunlight into the center of the canopy.



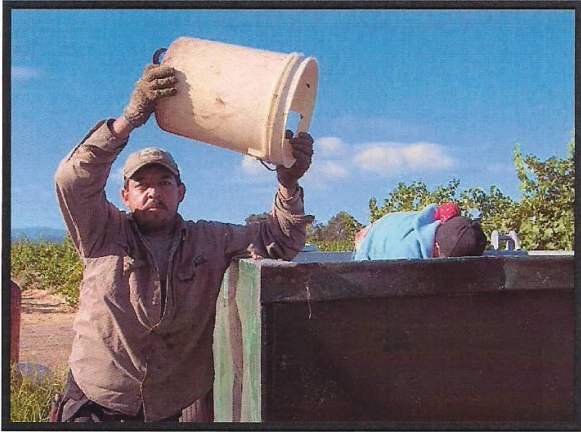
Frost protection is required in the Spring and Fall. As long as water is being added to the ice, or the temperature rises to melt the ice, the vines won't freeze inside the coating of ice



During the Spring, mustard or other cover crops grow in the vineyard rows.



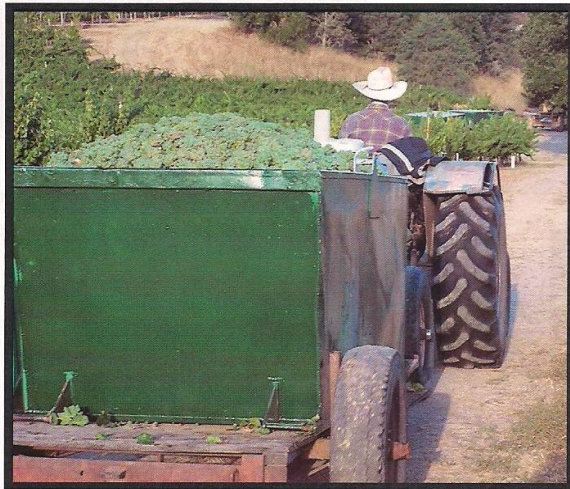
# HARVEST



Grapes are handpicked and loaded in gondolas.



The gondola is moved to keep up with the picking crew. At this time leaves are removed as much as possible.



Fully loaded gondola goes to the loading area.

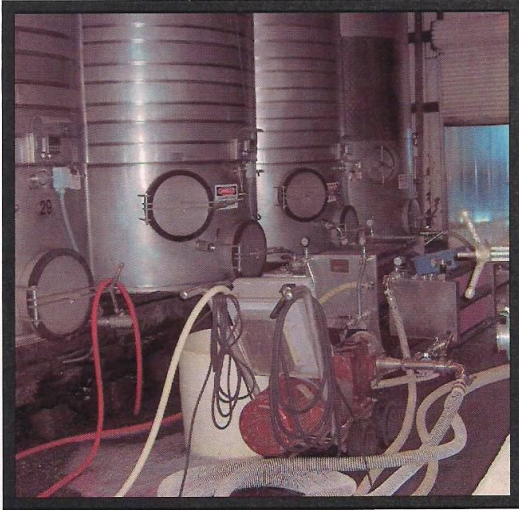


Loading gondolas for delivery to the winery

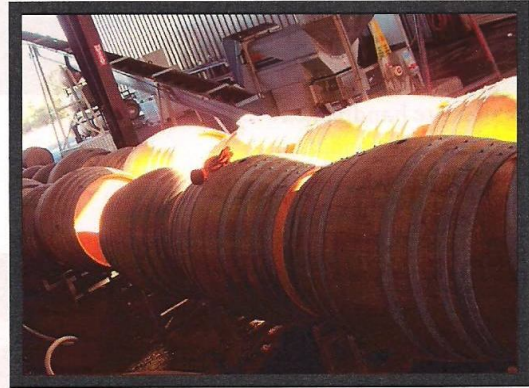




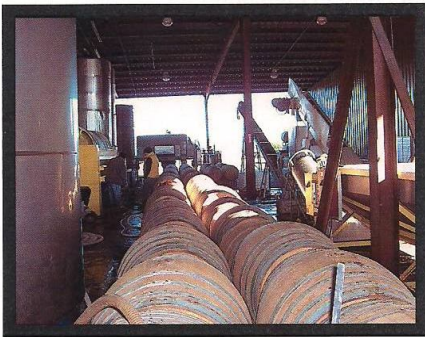
## MAKING OF THE WINE



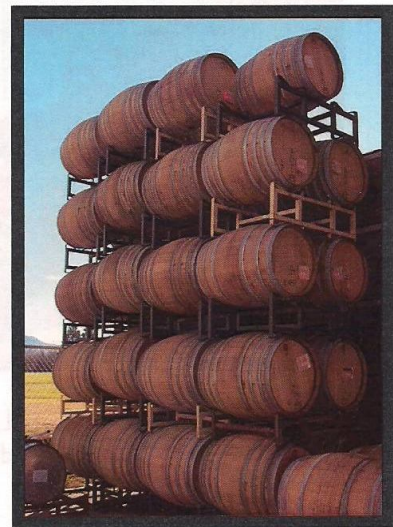
Cooled tanks, with a filtering system where yeast is added . Then futher filtering and aging takes place. Some wines are kept in the steel tanks until ready for bottling.



Mostly reds are aged in oak barrels, but some whites are also given some time in oak.

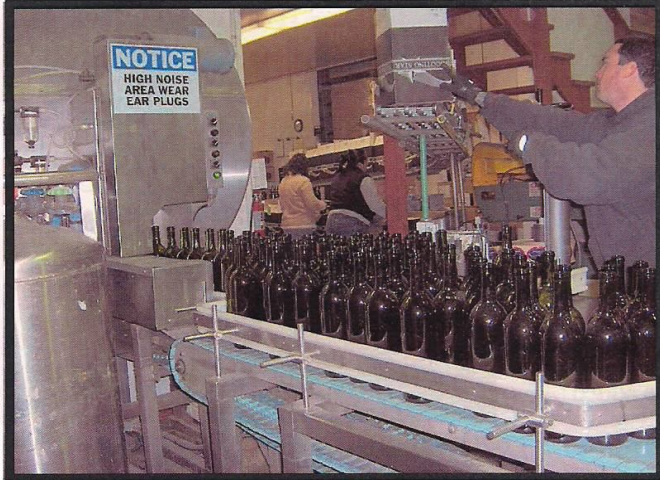


Barrels waiting to be filled

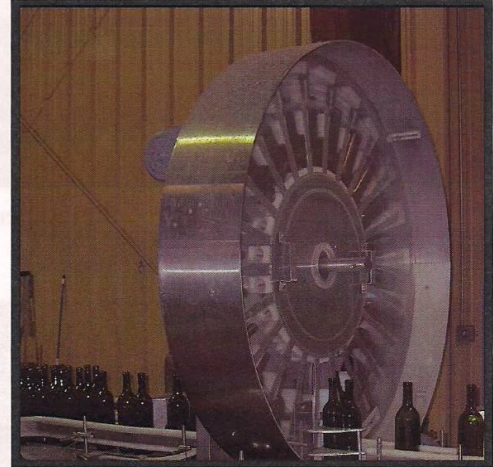




## THE BOTTLING LINE



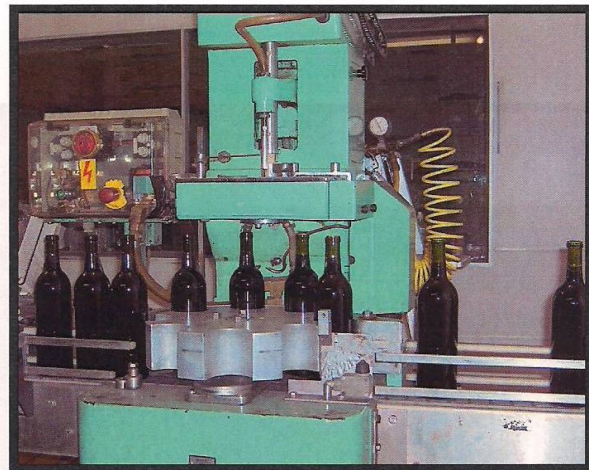
New bottles are taken from the boxes and loaded on the belt at the beginning of the bottling line.



Empty bottles are being cleaned and readied for filling.

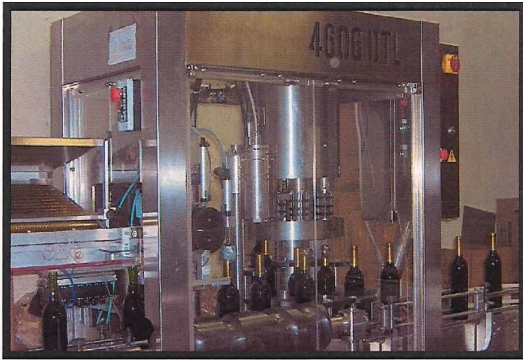


Bottles being filled with wine

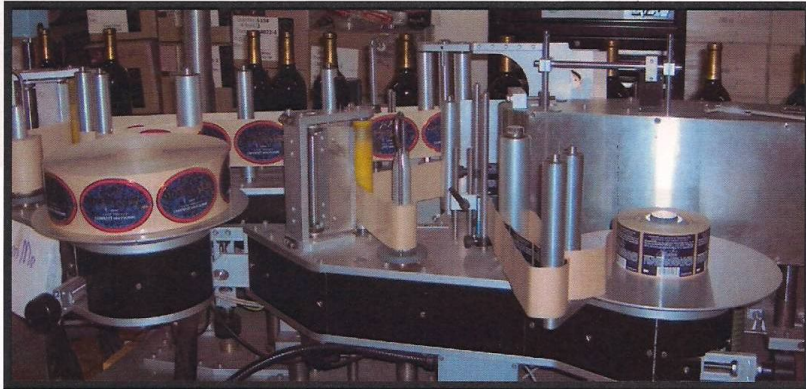


Corks being put in filled bottles

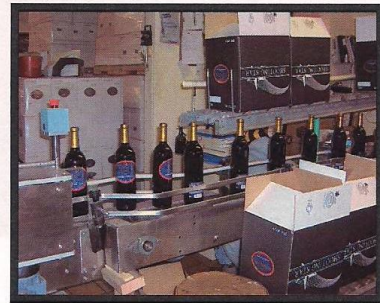




Foil covers are added



Labels  
finish the bottling  
task



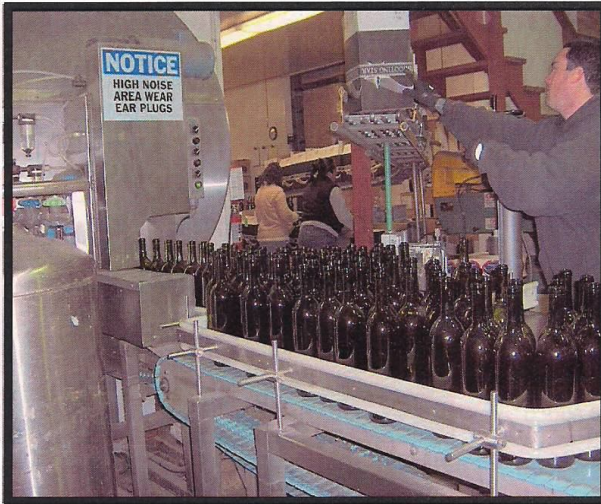
Filled and finished bottles  
head back to waiting boxes



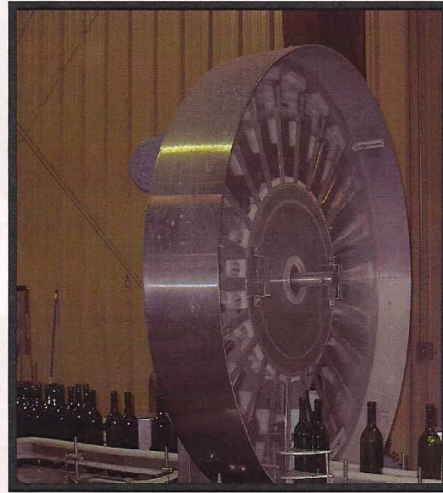
Finished product  
on display  
ready for purchase



## THE BOTTLING LINE



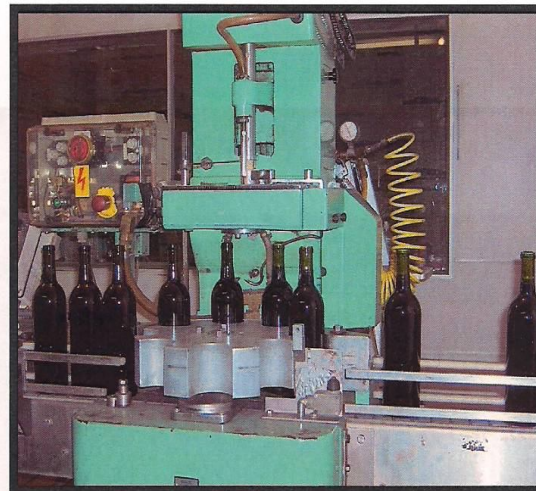
New bottles are taken from the boxes and loaded on the belt at the beginning of the bottling line.



Empty bottles are being cleaned and readied for filling.



Bottles being filled with wine



Corks being put in filled bottles

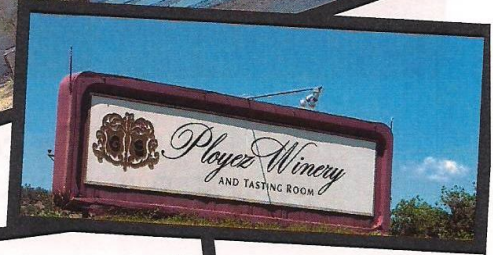
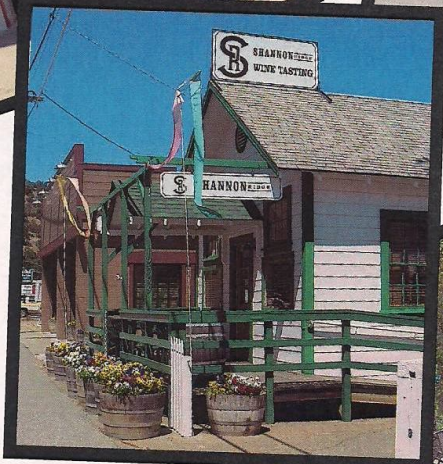
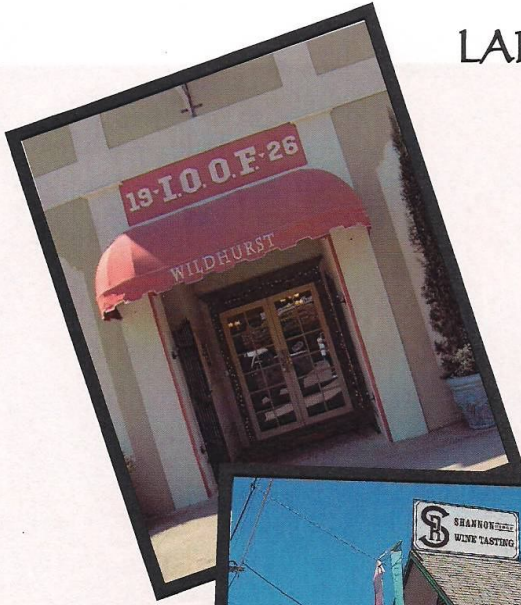




LAKE COUNTY WINES OF 2006  
PRESENTED BY WINERIES USING ALL LAKE COUNTY GRAPES



# LAKE COUNTY WINERIES

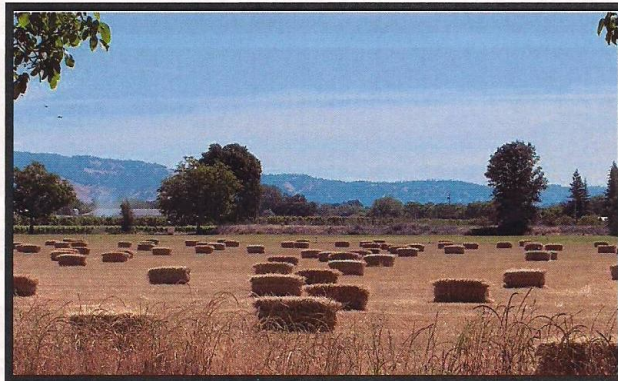




## FIELD AND SEED CROPS

COMMODITY	YEAR	ACREAGE	UNIT	\$/UNIT	VALUE
IRRIGATED PASTURE	2006	2,000	ACRE	\$ 120.00	\$ 240,000.00
	2005	2,000	ACRE	\$ 120.00	\$ 240,000.00
RANGE	2006	90,000	ACRE	\$ 7.00	\$ 630,000.00
	2005	90,000	ACRE	\$ 7.00	\$ 630,000.00
MISCELLANEOUS <sup>1</sup>	2006	2,200	ACRE		\$ 1,250,000.00
	2005	3,624	ACRE		\$ 1,398,058.00
TOTALS	2006	94,200			\$ 2,120,000.00
	2005	95,624			\$ 2,268,058.00

<sup>1</sup> INCLUDES ALFALFA, OAT HAY, GRASS HAY, WILD RICE



Oat hay, harvested, ready for storage

## NURSERY PRODUCTION

COMMODITY	YEAR	GREENHOUSE SQUARE FEET	FIELD ACRES	VALUE
NURSERY <sup>1</sup>	2006	75,900	74.6	4,318,395.00
	2005	76,000	85	\$ 3,644,400.00

<sup>1</sup> INCLUDES TURF AND CUT FLOWERS

## TIMBER HARVEST<sup>1</sup>

ITEM	YEAR	MBF <sup>2</sup>	VALUE <sup>3</sup>
TIMBER YIELD	2006	928	\$ 339,069
	2005	100	\$ 29,520

<sup>1</sup> VALUES FURNISHED BY THE CALIFORNIA STATE BOARD OF EQUALIZATION

<sup>2</sup> QUANTITY OF TIMBER CUT AND SCALED (THOUSAND BOARD FEET)

<sup>3</sup> VALUE OF TIMBER IMMEDIATELY BEFORE CUTTING



## VEGETABLE CROPS

COMMODITY	YEAR	ACRES	VALUE
MISCELLANEOUS VEGETABLES <sup>1</sup>	2006	50	\$ 242,355.00
	2005	21	\$ 182,323.00

<sup>1</sup> INCLUDES PUMPKINS, BEANS, SWEET CORN, GARLIC, HERBS, PEAS, POTATOES, SQUASH, TOMATOES, ETC.



## LIVESTOCK PRODUCTION

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT <sup>1</sup> (LIVE WT.)	\$ PER CWT	VALUE
CATTLE AND CALVES	2006	3,515	28,123	\$80.00	\$2,249,900
	2005	3,618	28,941	\$90.50	\$2,619,100
MISCELLANEOUS <sup>2</sup>	2006				\$45,946
	2005				\$80,900
TOTALS	2006				\$2,296,000
	2005				\$2,665,000

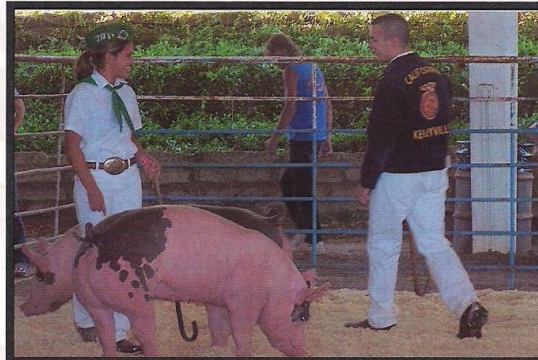
<sup>1</sup> CWT = 100 LBS

<sup>2</sup> INCLUDES GOATS, SHEEP, HOGS AND RABBITS

## LIVESTOCK AND POULTRY PRODUCTS

COMMODITY	YEAR	VALUE
MISCELLANEOUS <sup>1</sup>	2006	\$ 133,701.00
	2005	\$ 152,510.00

<sup>1</sup> INCLUDES APIARY, EGGS, CHEESE AND WOOL



4H and FFA Show and Sale at the Fair



## SUSTAINABLE AGRICULTURE REPORT

### BIOLOGICAL CONTROL

BIOLOGICAL CONTROL IS THE DELIBERATE USE OF NATURAL ENEMIES TO SUPPRESS OR MANAGE PEST POPULATIONS AT ACCEPTABLE LEVELS.

PEST	AGENT / MECHANISM	SCOPE OF PROGRAM
BULL THISTLE	GALL FLY	2 SITES, UNKNOWN ESTABLISHMENT
ITALIAN THISTLE	SEED HEAD WEEVIL	GENERALLY DISTRIBUTED
KLAMATH WEED	KLAMATH WEED BEETLE	WIDELY DISTRIBUTED
YELLOW STARHISTLE	SEED HEAD WEEVIL	WIDELY DISTRIBUTED
	GALL FLY	2 SITES, UNKNOWN ESTABLISHMENT
	FLOWER WEEVIL	1 SITE
	HAIRY WEEVIL	BECOMING GENERALLY DISTRIBUTED
	PEACOCK FLY	GENERALLY DISTRIBUTED
RED GUM LERP PSYLLID	WASP ( <i>Psyllaephagus bliteus</i> )	4 SITES, Unknown Establishment
PUNCTURE VINE	STEM BORING WEEVIL	1 SITE, WELL ESTABLISHED
		GENERALLY DISTRIBUTED

### PEST ERADICATION

THE FOLLOWING PESTS WERE UNDER ACTIVE CONTROL AND ERADICATION DURING THE YEAR: DALMATIAN TOADFLAX, SCOTCH THISTLE, PLUMELESS THISTLE, ARTICHOKE THISTLE, PURPLE STARHISTLE, OBLONG SPURGE, CANADA THISTLE, HYDRILLA\*, \*HYDRILLA IS A CDFA PROGRAM SUPPORTED BY THE LAKE COUNTY AGRICULTURE DEPARTMENT.

### PEST EXCLUSION

PEST EXCLUSION INSPECTIONS ARE CONDUCTED DAILY AT POST OFFICES AND THE U.P.S. TERMINAL

PACKAGES PROFILED	PACKAGES INSPECTED	PACKAGES REJECTED
2966	563	8

### ORGANIC<sup>1</sup> FARMING STATISTICS

CROPS	NUMBER OF FARMS	ACRES
WALNUTS	73	1538
WINE GRAPES	7	126
MISC. FRUIT	8	37
MISC. VEGETABLES	7	13
NURSERY	2	10
APPLES	3	3
PEARS	4	51
<b>TOTAL</b>	<b>104</b>	<b>1778</b>

<sup>1</sup> REGISTERED ORGANIC WITH THE LAKE COUNTY AGRICULTURAL COMMISSIONER



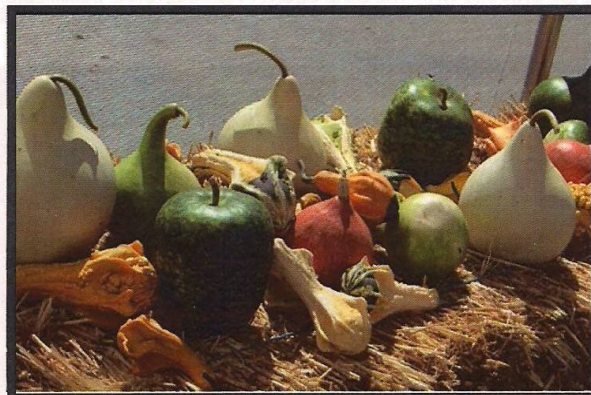
County Insect Trappers



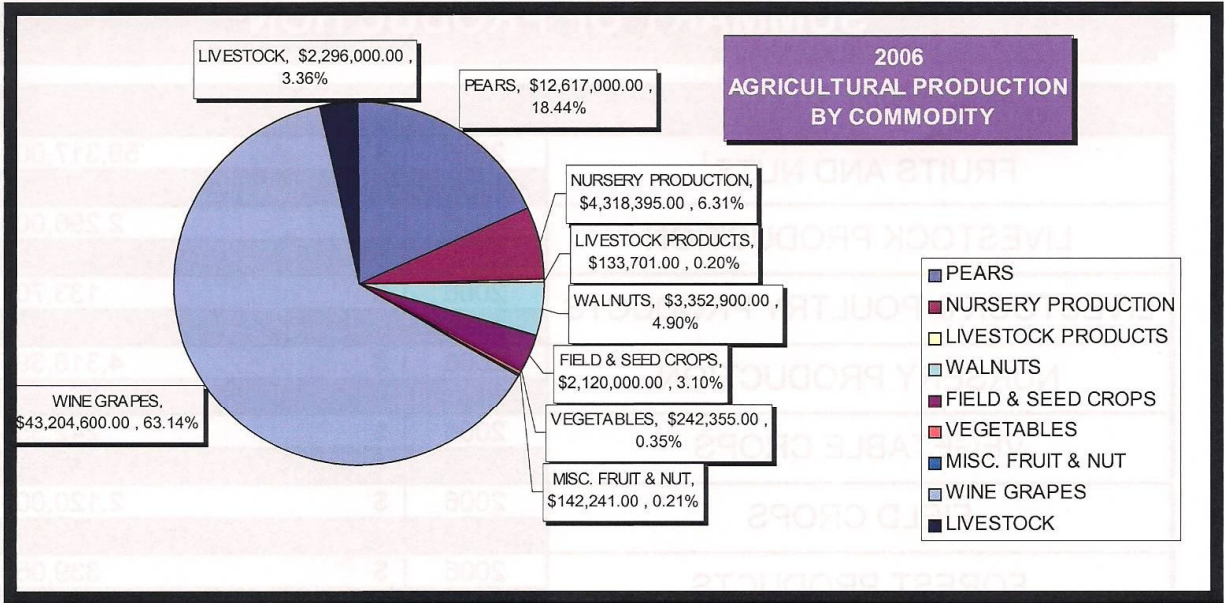


Checking for Glassy-winged Sharp-shooter

PEST DETECTION		
<b>VINE MEALY BUG</b>		
TRAPS DEPLOYED	PROGRAM HOURS	
95	383	
<b>EXOTIC INSECT PESTS <sup>1</sup></b>		
URBAN TRAPS	PROGRAM HOURS	
297	1403.5	
<sup>1</sup> INCLUDES TRAPS FOR MEDITERRANEAN FRUIT FLY, ORIENTAL FRUIT FLY, MELON FLY, GYPSY MOTH AND JAPANESE BEETLE		
<b>GLASSY-WINGED SHARPSHOOTER TRAPPING</b>		
URBAN TRAPS	NURSERY TRAPS	PROGRAM HOURS
110	33	756
<b>GLASSY-WINGED SHARPSHOOTER NURSERY SHIPMENT INSPECTIONS</b>		
NUMBER OF INSPECTIONS	PROGRAM HOURS	
87	502.5	









## SUMMARY OF PRODUCTION

COMMODITY CLASS	YEAR	VALUE
FRUITS AND NUTS <sup>1</sup>	2006	\$ 59,317,000.00
	2005	\$ 52,601,000.00
LIVESTOCK PRODUCTION	2006	\$ 2,296,000.00
	2005	\$ 2,665,000.00
LIVESTOCK & POULTRY PRODUCTS	2006	\$ 133,701.00
	2005	\$ 152,510.00
NURSERY PRODUCTION	2006	\$ 4,318,395.00
	2005	\$ 3,644,400.00
VEGETABLE CROPS	2006	\$ 242,355.00
	2005	\$ 182,323.00
FIELD CROPS	2006	\$ 2,120,000.00
	2005	\$ 2,268,058.00
FOREST PRODUCTS	2006	\$ 339,069.00
	2005	\$ 29,520.00
GRAND TOTAL	<b>2006</b>	<b>\$ 68,766,520.00</b>
	<b>2005</b>	<b>\$ 61,542,811.00</b>

<sup>1</sup> INCLUDES, GRAPES, PEARS, WALNUTS AND MISCELLANEOUS FRUIT AND NUTS



Sunrise over Mt. Konocti



**LAKE COUNTY BOARD OF SUPERVISORS**

Ed Robey	District 1
Jeff Smith	District 2
Gary Lewis	District 3
Anthony Farrington	District 4
Rob Brown	District 5

**AGRICULTURAL COMMISSIONER**  
**SEALER OF WEIGHTS & MEASURES**

Steve Hajik

**DEPUTY AGRICULTURAL COMMISSIONER**  
**DEPUTY SEALER OF WEIGHTS & MEASURES**

Chuck Morse

**AGRICULTURAL BIOLOGISTS**

Andrew Tritchler  
 Kristine Eutenier  
 Dana Thibeau  
 Denise Patrick

<b><u>SECRETARY</u></b>	<b><u>AGRICULTURAL AIDES</u></b>
Kristi Elsemore	Lynn Eutenier
	Steve Woods
	Jim Beck

**FEDERAL WILDLIFE SERVICES STAFF**

Greg Wamsley

Larry Johnson

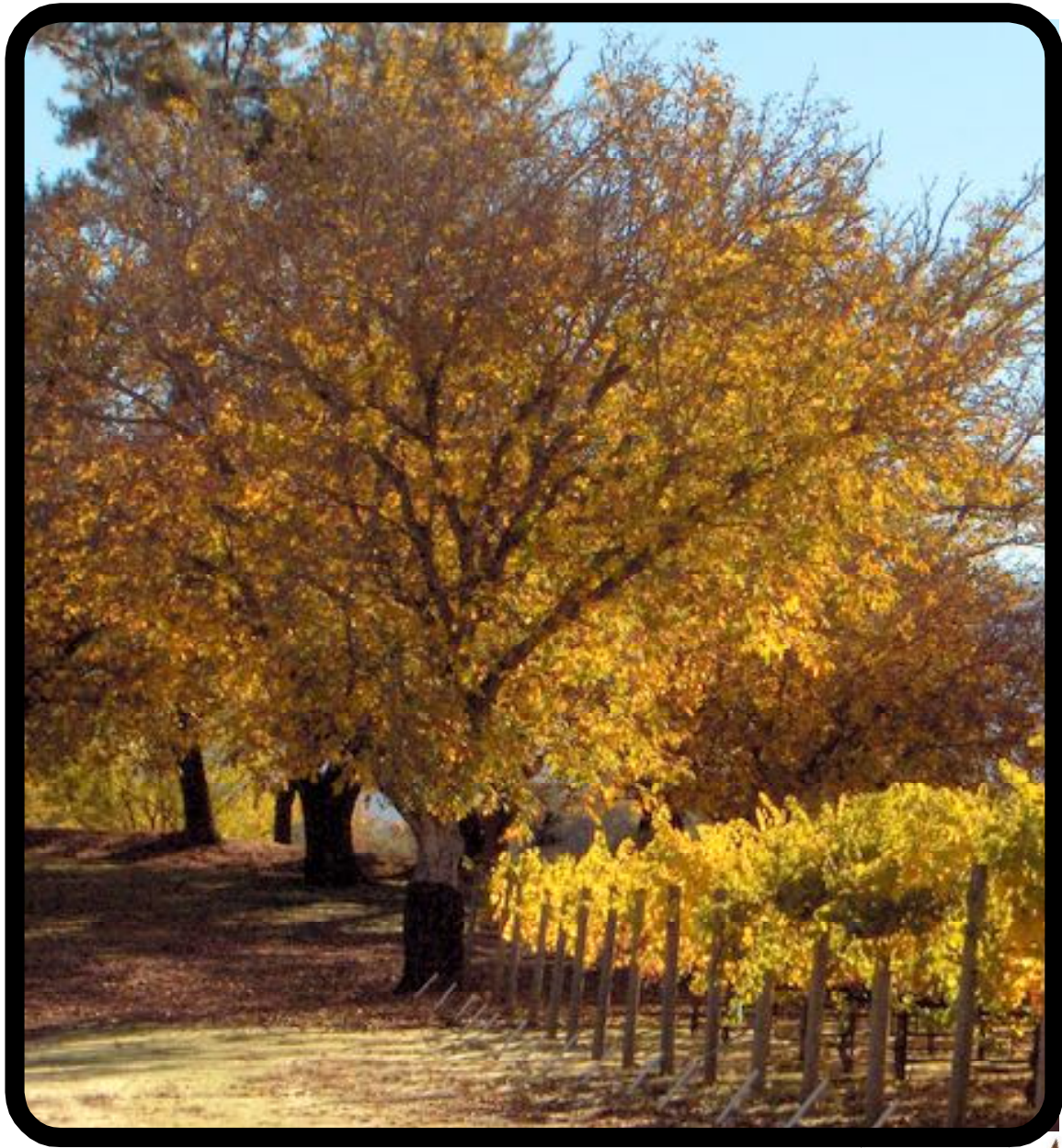
The 2006 Lake County Staff

Left to Right  
 Steve Woods, Andrew Tritchler,  
 Steve Hajik, Dana Thibeau, Kristi Elsemore,  
 Kristine Eutenier, Denise Patrick,  
 Chuck Morse, Lynn Eutenier

PHOTOGRAPHY BY Kris Eutenier







***LAKE COUNTY***

***2007***

***CROP REPORT***





letter



COMMODITY	MARKET TYPE	YEAR	PRODUCTION (Tons)	YIELD (Tons/Acre)	RETURNS \$/Ton1	GROSS VALUE1	BEARING ACRES
<b>WINE GRAPES</b>							
Whites		2007	13,980.5	5.6	\$939.29	\$13,131,700.00	2,494
		2006	11,881.8	5.1	\$842.37	\$10,008,900.00	2,447
Reds		2007	22,340.9	4.1	\$1,357.04	\$30,317,600.00	5,455
		2006	20,113.3	3.9	\$1,399.08	\$28,140,200.00	5,395
<b>TOTAL ALL WINE GRAPES</b>		<b>2007</b>	<b>36,321.4</b>	<b>4.6</b>	<b>\$1,196.25</b>	<b>\$43,449,300.00</b>	<b>7,949</b>
		<b>2006</b>	<b>31,995.1</b>	<b>4.3</b>	<b>\$1,192.34</b>	<b>\$38,149,100.00</b>	<b>7,842</b>
<b>PEARS</b>							
Bartlett Including Red	Fresh	2007	17,593.0		\$526.08	\$9,255,000.00	
		2006	16,426.0		\$504.00	\$8,285,000.00	
	Cannery	2007	14,709.0		\$210.81	\$3,101,000.00	
		2006	14,553.0		\$271.00	\$39,647.00	
	Baby Food	2007	1,282.0		\$54.92	\$70,400.00	
		2006	2,160.0		\$37.00	\$80,400.00	
By-products	2007	2,476.0		\$31.16	\$77,200.00		
	2006	2,969.0	3,932.0	\$4,895.00	\$5,858.00		
<b>Total Bartlett</b>		<b>2007</b>	<b>36,060.0</b>	<b>17.4</b>	<b>\$346.76</b>	<b>\$12,504,000.00</b>	<b>2,078</b>
		<b>2006</b>	<b>36,108.0</b>	<b>17.3</b>	<b>\$232.94</b>	<b>\$8,411,000.00</b>	<b>2,092</b>
Winter & Asian (Includes Bosc, Comice, Seckel)	Fresh	2007	716.3		\$1,191.07	\$853,104.62	
		2006	1,154.0		\$678.00	\$782,313.00	
	By-products	2007	314.6		\$17.15	\$5,395.64	
		2006	547.0		\$1.00	\$248.00	
<b>Total Winter &amp; Asian</b>		<b>2007</b>	<b>1,030.9</b>	<b>11.8</b>	<b>\$833.26</b>	<b>\$859,000.00</b>	<b>87</b>
		<b>2006</b>	<b>1,701.0</b>	<b>16.2</b>	<b>\$460.06</b>	<b>\$782,561.00</b>	<b>105</b>
Red Pears other than Bartlett (Starkrimson)	Fresh	2007	488.2		\$1,248.32	\$609,477.43	
		2006	554.0		\$920.00	\$510,221.00	
	By-products	2007	168.0		\$17.41	\$2,925.12	
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<b>Total Reds</b>		<b>2007</b>	<b>656.3</b>	<b>15.3</b>	<b>\$933.15</b>	<b>\$612,400.00</b>	<b>43</b>
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<b>TOTAL ALL PEARS</b>		<b>2007</b>	<b>37,747.2</b>	<b>17.1</b>	<b>\$370.23</b>	<b>\$13,975,000.00</b>	<b>2,208</b>
		<b>2006</b>	<b>38,635.0</b>	<b>17.2</b>	<b>\$327.00</b>	<b>\$12,617,000.00</b>	<b>2,240</b>
<b>WALNUTS</b>							
Irrigated Walnuts		2007	761.6	0.8	\$2,914.00	\$2,219,300.00	952
		2006	1,047.2	1.1	\$1,754.67	\$1,837,500.00	952
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<b>TOTAL ALL WALNUTS</b>		<b>2007</b>	<b>1,383.7</b>	<b>0.5</b>	<b>\$2,914.00</b>	<b>\$4,032,200.00</b>	<b>2,702</b>
		<b>2006</b>	<b>1,910.8</b>	<b>0.7</b>	<b>\$1,754.67</b>	<b>\$3,352,900.00</b>	<b>2,702</b>
<b>MISCELLANEOUS FRUITS &amp; NUTS</b>							
MISCELLANEOUS		2007				\$138,400.00	70
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		2006				\$142,241.00	86
<b>TOTAL ALL FRUIT &amp; NUT CROPS</b>		<b>2007</b>				<b>\$61,595,000.00</b>	<b>12,929</b>
		<b>2006</b>				<b>\$59,317,000.00</b>	<b>12,781</b>



CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
PEARS	BARTLETT	2,078	4	2,082
	WINTER & ASIAN	87	0	87
	REDS	43	0	43
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WINE GRAPES	WHITES	2,494	280	2,774
	REDS	5,455	116	5,571
	<b>TOTAL</b>	<b>7,949</b>	<b>396</b>	<b>8,345</b>
WALNUTS		2,702	150	2,852
MISCELLANEOUS <sup>1</sup>		70		70
<b>TOTAL</b>		<b>12,929</b>	<b>550</b>	<b>13,479</b>

<sup>1</sup>Includes apples, peaches, strawberries, melons, dried fruits, olives, etc.



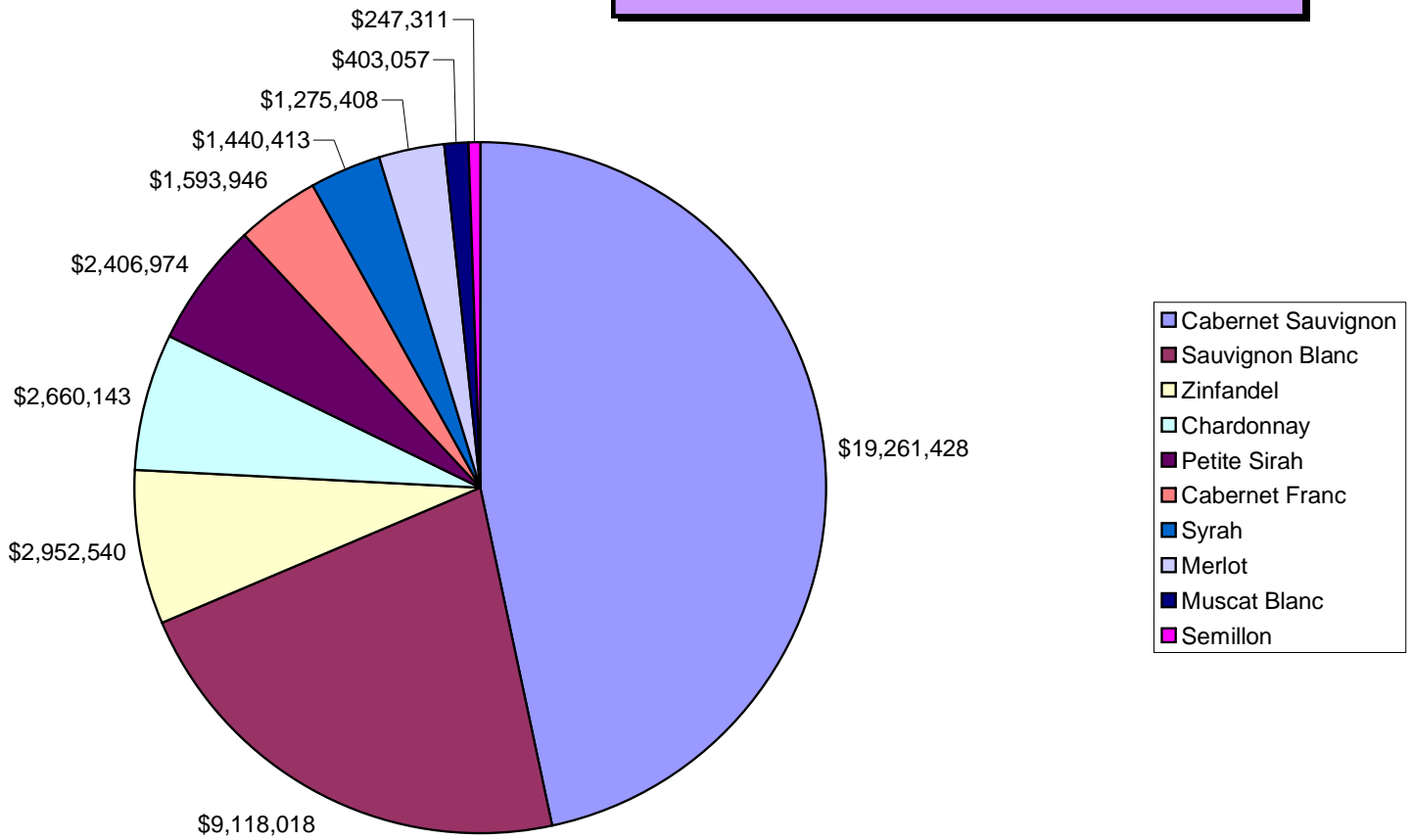
## WINE VARIETIES BY VALUE

Variety	Production (Tons)	Returns/Ton	Gross Value
Cabernet Sauvignon	13,750.6	\$1,400.77	\$19,261,428
Sauvignon Blanc	10,314.5	\$884.00	\$9,118,018
Zinfandel	2,455.6	\$1,202.37	\$2,952,540
Chardonnay	1,992.9	\$1,334.81	\$2,660,143
Petite Sirah	1,662.7	\$1,447.63	\$2,406,974
Cabernet Franc	872.1	\$1,827.71	\$1,593,946
Syrah	1,192.0	\$1,208.40	\$1,440,413
Merlot	1,633.4	\$780.83	\$1,275,408
Muscat Blanc	349.6	\$1,152.91	\$403,057
Semillon	263.7	\$937.85	\$247,311
Pinot Noir	86.2	\$2,772.67	\$239,004
Pinot Gris	182.3	\$1,291.18	\$235,382
Petit Verdot	129.0	\$1,640.98	\$211,686
Malbec	120.7	\$1,747.32	\$210,902
Tempranillo	94.1	\$2,030.28	\$191,049
White Riesling	139.8	\$1,253.74	\$175,273
Viognier	136.2	\$1,279.47	\$174,264
Primitivo	88.1	\$1,659.99	\$146,245
Grenache	73.2	\$1,833.46	\$134,209
Other	784.7	\$474.07	\$372,006
<b>TOTAL</b>	<b>36,321.4</b>	<b>\$1,196.24</b>	<b>\$43,449,258</b>



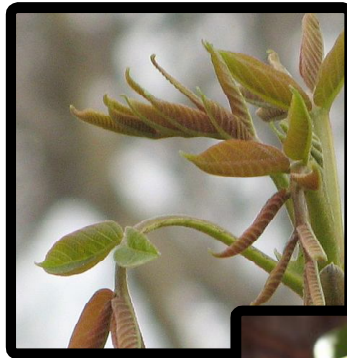


# TOP 10 WINE GRAPE VARIETIES





Walnut Catkins



Walnuts Growing in Husks



Walnut Husks Starting to Split Open to Reveal the Walnut Inside



Walnut Husk Opening, Ready To Drop The Walnut



Walnut Free of Husk, Ready For Drying



## Seasons of a Walnut Orchard



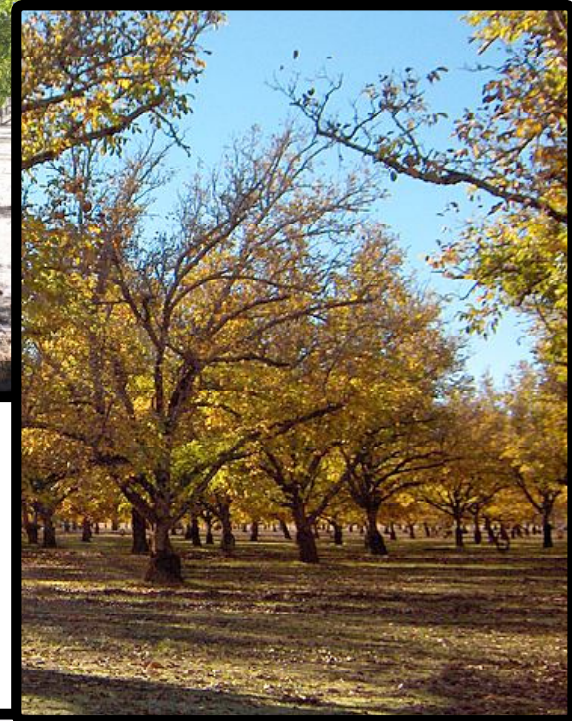
Young Orchard



Spring with Wild Flowers



Summer, Wild Turkeys Enjoying the Shade



Fall Color and Harvest Time



Winter Snow and the Trees are at Rest



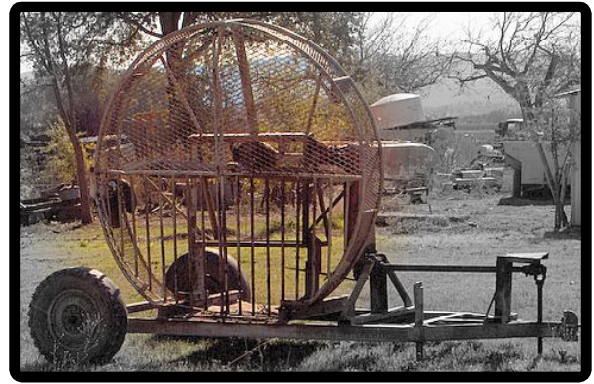
Walnut Pruning in the Winter



## Equipment for Harvest



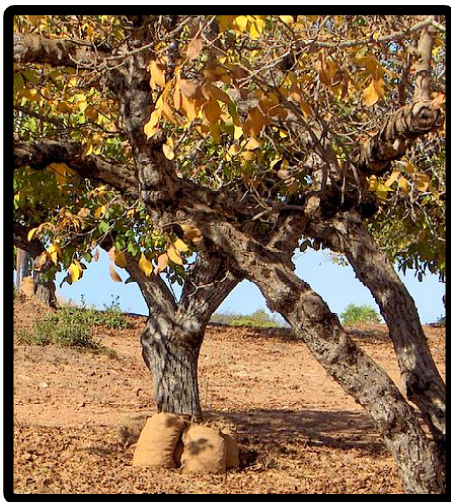
Tree shaker: grabs the tree trunk and shakes at a high frequency to knock the nuts to the ground.



Leaf blower: blows leaves away from the nuts so they can be either hand picked or mechanically picked.



Mechanical picker: picks up the nuts and drops them into a bin



Some nuts are hand picked. They are put into bags then dumped into bins.



Bins are put on trailers then taken to a walnut dryer.



# At the Drying Shed



Walnuts are brought into a dryer in burlap bags or bins



Picked nuts being dumped into hopper

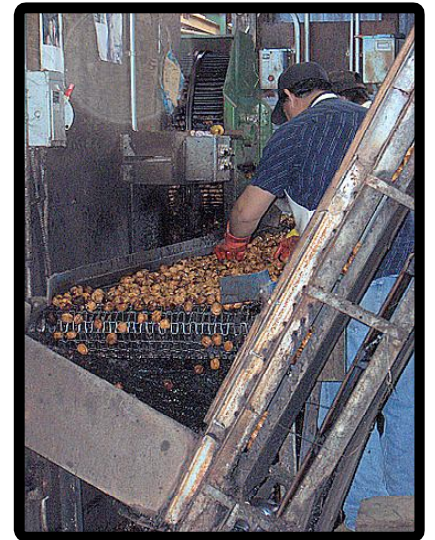
Nuts being cleaned of debris



After debris is removed, nuts are rolled to remove the remaining hulls and any small debris



Sorting cleaned nuts



Nuts going to dryer



Debris and cull nuts hauled away



# LAKE COUNTY WALNUT PIE



Lake County Walnut Pie  
Beat 3 eggs, add 1/2 cup brown sugar  
Melt 1/4 cup butter and add with 1 cup corn syrup  
Mix with the egg mixture  
Stir in 2 cups walnuts, pieces and halves  
Pour into 9 inch pie shell  
Bake at 425 degrees for 10 minutes  
then lower to 350 til crust is browned, 20-25 mins.



ENJOY !

This page is dedicated to the memory of Lucille Hill  
who did so much for the Lake County walnut industry.



<b>Year</b>	<b>Greenhouse Sq. Feet</b>	<b>Field Acres</b>	<b>Value</b>
2007	69,900	77.1	\$5,112,004
2006	75,900	74.6	\$4,318,395

<b>ITEM</b>	<b>YEAR</b>	<b>MBF<sup>2</sup></b>	<b>VALUE<sup>3</sup></b>
Timber Yield	2007	3,684	\$802,700
	2006	928	\$339,069

<sup>1</sup>Values furnished by the California State Board of Equalization  
<sup>2</sup>Quantity of timber cut and scaled (Thousand Board Feet)  
<sup>3</sup>Value of timber immediately before cutting

<b>Commodity</b>	<b>Year</b>	<b>Acreage</b>	<b>Unit</b>	<b>\$ / Unit</b>	<b>Value</b>
Irrigated Pasture	2007	1,800	Acre	\$ 100.00	\$ 180,000.00
	2006	2,000		\$ 120.00	\$ 240,000.00
Range	2007	90,000	Acre	\$ 5.00	\$ 450,000.00
	2006	90,000		\$ 7.00	\$ 630,000.00
Miscellaneous	2007	2,100	Acre		\$ 1,636,375.00
	2006	2,200			\$ 1,250,000.00
Includes Wild rice, oat hay, alfalfa, grass hay					
Total	<b>2007</b>	<b>93,900</b>			<b>\$ 2,266,375.00</b>
	2006	94,200			\$ 2,120,000.00



COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT <sup>1</sup> (LIVE WT.)	\$ PER CWT	VALUE
CATTLE AND CALVES	2007	3,151	25,206	\$97.85	\$2,466,300
	2006	3,515	28,123	\$80.00	\$2,249,900
MISCELLANEOUS <sup>2</sup>	2007				\$46,237
	2006				\$45,946
<b>TOTALS</b>	2007				<b>\$2,512,537</b>
	2006				<b>\$2,296,000</b>

<sup>1</sup>CWT = 100 lbs.

<sup>2</sup>Includes goats, sheep, hogs, and rabbits.



	Year	Value
Miscellaneous <sup>1</sup>	2007	\$ 146,105.00
	2006	\$ 133,701.00

<sup>1</sup> Includes eggs and cheese

Commodity	Year	Acres	Value
Miscellaneous Vegetables <sup>1</sup>	2007	50	\$ 235,500.00
	2006	50	\$ 242,355.00

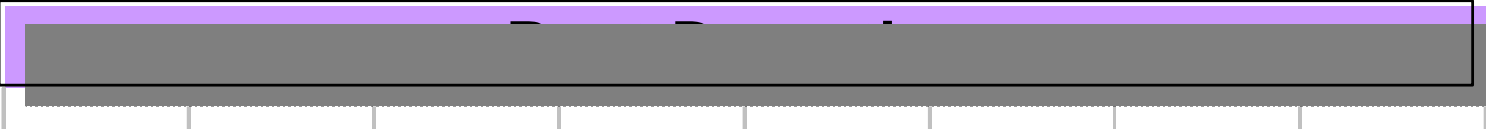
<sup>1</sup> Includes, beans, peas, tomatoes, squash, pumpkins, etc.



CROPS	NUMBER OF FARMS	ACRES
Walnuts	78	1708
Wine Grapes	7	126
Misc. Fruit	8	37
Misc. Vegetables	8	17
Nursery	2	10
Apples	3	3
Pears	3	33
<b>Total</b>	<b>109</b>	<b>1934</b>







### Vine Mealy Bug

	Traps Deployed	Program Hours	
	99	428	

### Exotic Insect Pests

	Urban Traps	Program Hours	
	297	1,140.75	

### Glassy-Winged Sharpshooter Trapping

	Urban Traps	Nursery Traps	Program Hours
	109	33	1,034

### Glassy-Winged Sharpshooter Nursery Shipment Inspections

	Number of Inspections	Program Hours
	100	243



### Biological Control

Pest	Agent /Mechanism	Scope of Program
Bull thistle	Gall Fly	2 Sites, Unknown Establishment
Italian Thistle	Seed Head Weevil	Generally Distributed
Klamath Weed	Klamath Weed Beetle	Widely Distributed
Yellow Starthistle	Seed Head Weevil	Widely Distributed
	Gall Fly	2 Sites, Unknown Establishment
	Flower Weevil	1 site
	Hairy Weevil	Becoming Generally Distributed
	Peacock Fly	Generally Distributed
	Yst Rust	4 sites, Unknown Establishment
Red Gum Lerp Psyllid	Wasp (Psyllaephagus bliteus)	1 Site, Well Established
Puncture Vine	Stem Boring Weevil	Generally Distributed

### Pest Eradication

The Following Pests were under active control and eradication during the year: Dalmatian Toadflax, Scotch Thistle, Plumless Thistle, Artichoke Thistle, Oblong Spurge, Canada Thistle, Purple Star Thistle, and Hydrilla. (Hydrilla is a CDFA program supported by the Lake County Agriculture Department.)

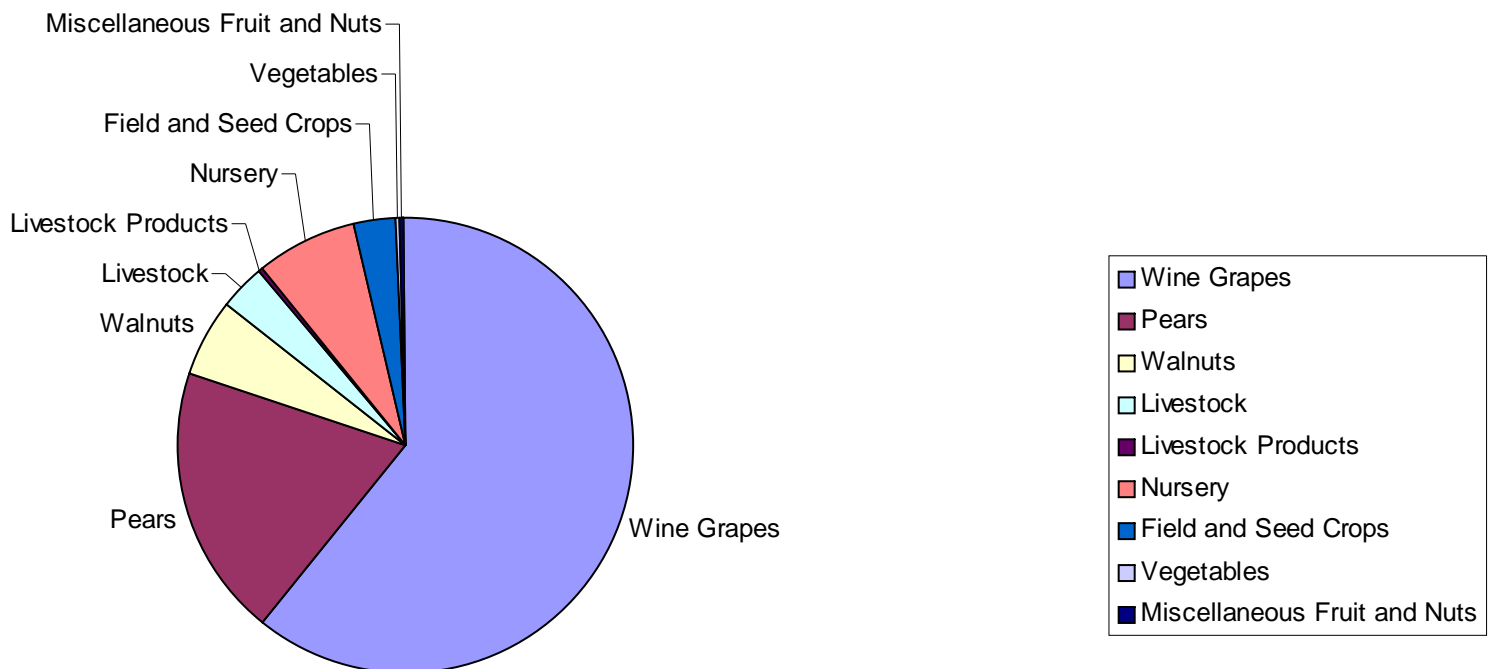
### Pest Exclusion

Packages Profiled	2,945	Packages Inspected	468	Packages Rejected	1
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COMMODITY	YEAR	VALUE
FRUIT AND NUTS <sup>1</sup>	2007	\$ 61,595,000.00
	2006	\$ 59,317,000.00
LIVESTOCK PRODUCTION	2007	\$ 2,512,537.00
	2006	\$ 2,296,000.00
LIVESTOCK & POULTRY PRODUCTS	2007	\$ 146,105.00
	2006	\$ 133,701.00
NURSERY PRODUCTION	2007	\$ 5,112,004.00
	2006	\$ 4,318,395.00
VEGETABLE CROPS	2007	\$ 235,500.00
	2006	\$ 242,355.00
FIELD & SEED CROPS	2007	\$ 2,266,375.00
	2006	\$ 2,120,000.00
FOREST PRODUCTS	2007	\$ 802,700.00
	2006	\$ 339,069.00
<b>GRAND TOTAL</b>	<b>2007</b>	<b>\$ 72,670,221.00</b>
	<b>2006</b>	<b>\$ 68,766,520.00</b>

<sup>1</sup> Includes grapes, pears, walnuts and miscellaneous fruit and nuts

**2007 Agricultural Production by Commodity**





**LAKE COUNTY BOARD OF SUPERVISORS**

Ed Robey	District 1
Jeff Smith	District 2
Denise Rushing	District 3
Anthony Farrington	District 4
Rob Brown	District 5



**AGRICULTURAL COMMISSIONER**  
**SEALER OF WEIGHTS & MEASURES**

Steve Hajik

**DEPUTY AGRICULTURAL COMMISSIONER**  
**DEPUTY SEALER OF WEIGHTS & MEASURES**

Chuck Morse

**AGRICULTURAL BIOLOGISTS**

Andrew Tritchler  
Kristine Eutenier  
Dana Thibeau

**SECRETARY**

Kristi Elsemore

**FEDERAL WILDLIFE SERVICES STAFF**

Greg Wamsley

Larry Johnson

**AGRICULTURAL AIDES**

Lynn Eutenier  
Steve Woods



The 2007 Lake County Staff

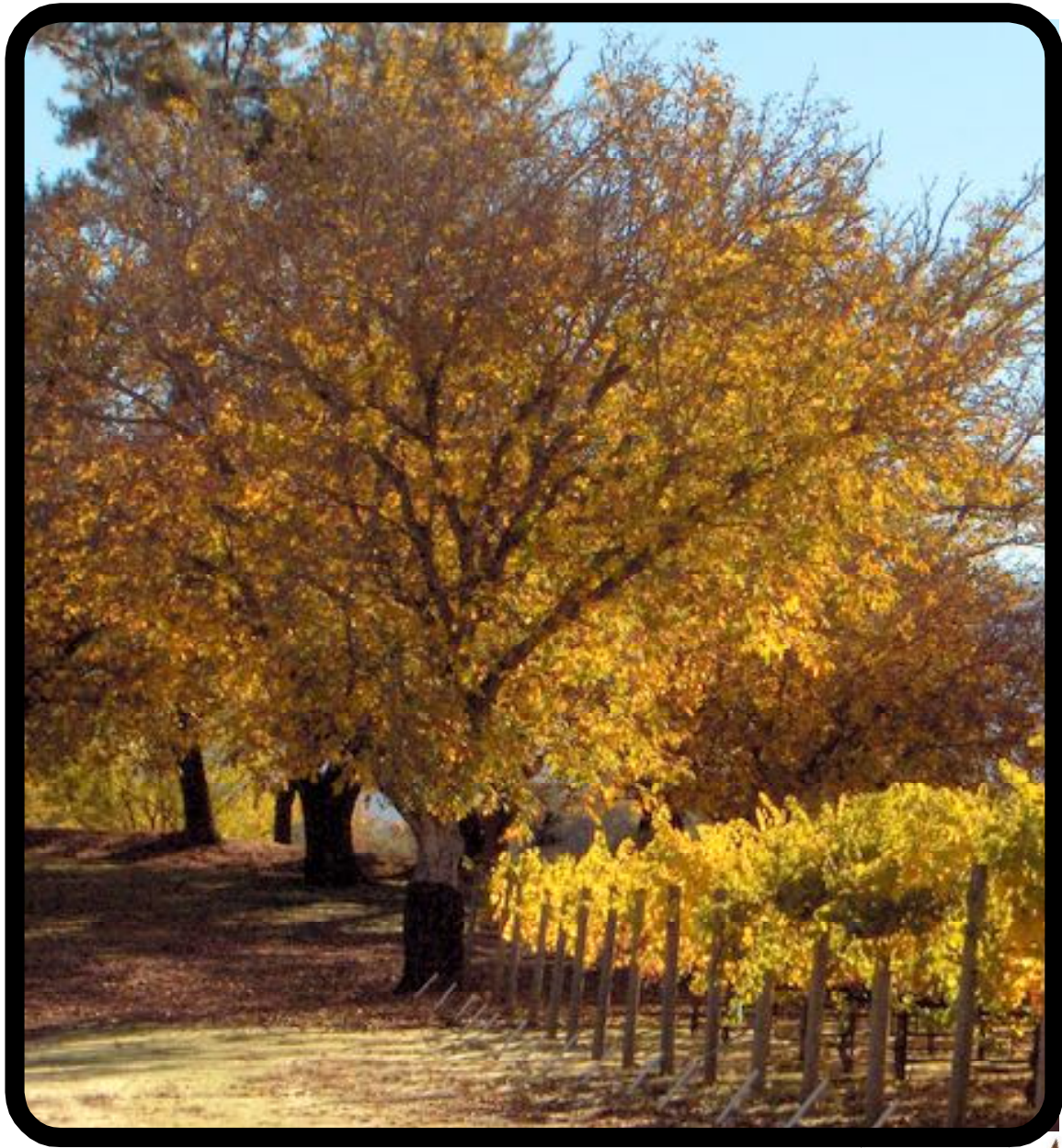
Left to Right

Dana Thibeau, Andrew Tritchler, Kristi Elsemore, Steve Hajik, Kristine Eutenier, Chuck Morse



**COUNTY OF LAKE**





***LAKE COUNTY***

***2007***

***CROP REPORT***



letter



COMMODITY	MARKET TYPE	YEAR	PRODUCTION (Tons)	YIELD (Tons/Acre)	RETURNS \$/Ton1	GROSS VALUE1	BEARING ACRES
<b>WINE GRAPES</b>							
Whites		2007	13,980.5	5.6	\$939.29	\$13,131,700.00	2,494
		2006	11,881.8	5.1	\$842.37	\$10,008,900.00	2,447
Reds		2007	22,340.9	4.1	\$1,357.04	\$30,317,600.00	5,455
		2006	20,113.3	3.9	\$1,399.08	\$28,140,200.00	5,395
<b>TOTAL ALL WINE GRAPES</b>		<b>2007</b>	<b>36,321.4</b>	<b>4.6</b>	<b>\$1,196.25</b>	<b>\$43,449,300.00</b>	<b>7,949</b>
		<b>2006</b>	<b>31,995.1</b>	<b>4.3</b>	<b>\$1,192.34</b>	<b>\$38,149,100.00</b>	<b>7,842</b>
<b>PEARS</b>							
Bartlett Including Red	Fresh	2007	17,593.0		\$526.08	\$9,255,000.00	
		2006	16,426.0		\$504.00	\$8,285,000.00	
	Cannery	2007	14,709.0		\$210.81	\$3,101,000.00	
		2006	14,553.0		\$271.00	\$39,647.00	
	Baby Food	2007	1,282.0		\$54.92	\$70,400.00	
		2006	2,160.0		\$37.00	\$80,400.00	
By-products	2007	2,476.0		\$31.16	\$77,200.00		
	2006	2,969.0	3,932.0	\$4,895.00	\$5,858.00		
<b>Total Bartlett</b>		<b>2007</b>	<b>36,060.0</b>	<b>17.4</b>	<b>\$346.76</b>	<b>\$12,504,000.00</b>	<b>2,078</b>
		<b>2006</b>	<b>36,108.0</b>	<b>17.3</b>	<b>\$232.94</b>	<b>\$8,411,000.00</b>	<b>2,092</b>
Winter & Asian (Includes Bosc, Comice, Seckel)	Fresh	2007	716.3		\$1,191.07	\$853,104.62	
		2006	1,154.0		\$678.00	\$782,313.00	
	By-products	2007	314.6		\$17.15	\$5,395.64	
		2006	547.0		\$1.00	\$248.00	
<b>Total Winter &amp; Asian</b>		<b>2007</b>	<b>1,030.9</b>	<b>11.8</b>	<b>\$833.26</b>	<b>\$859,000.00</b>	<b>87</b>
		<b>2006</b>	<b>1,701.0</b>	<b>16.2</b>	<b>\$460.06</b>	<b>\$782,561.00</b>	<b>105</b>
Red Pears other than Bartlett (Starkrimson)	Fresh	2007	488.2		\$1,248.32	\$609,477.43	
		2006	554.0		\$920.00	\$510,221.00	
	By-products	2007	168.0		\$17.41	\$2,925.12	
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	WINTER & ASIAN	87	0	87
	REDS	43	0	43
	<b>TOTAL</b>	<b>2,208</b>	<b>4</b>	<b>2,212</b>
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	REDS	5,455	116	5,571
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WALNUTS		2,702	150	2,852
MISCELLANEOUS <sup>1</sup>		70		70
<b>TOTAL</b>		<b>12,929</b>	<b>550</b>	<b>13,479</b>

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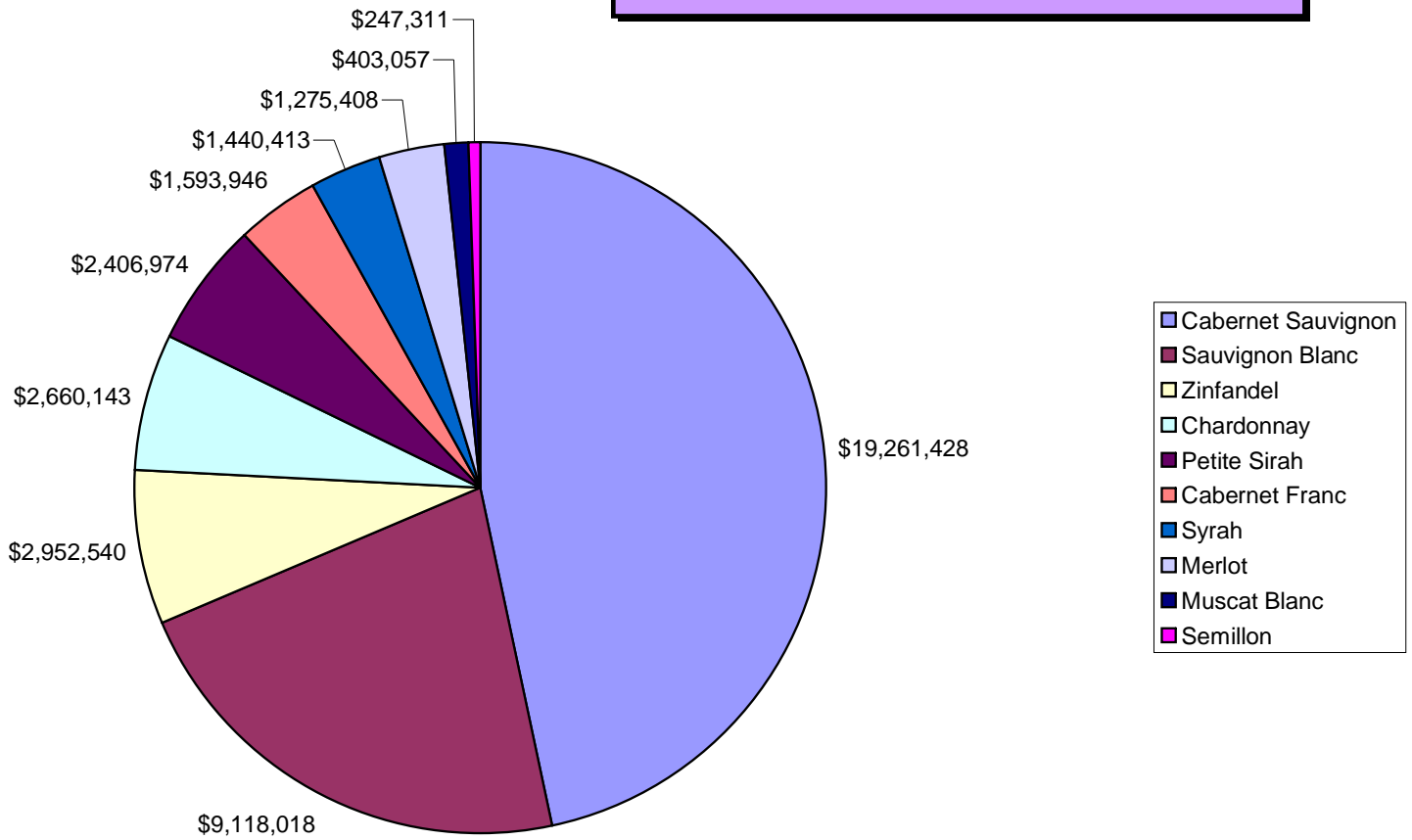


## WINE VARIETIES BY VALUE

Variety	Production (Tons)	Returns/Ton	Gross Value
Cabernet Sauvignon	13,750.6	\$1,400.77	\$19,261,428
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Chardonnay	1,992.9	\$1,334.81	\$2,660,143
Petite Sirah	1,662.7	\$1,447.63	\$2,406,974
Cabernet Franc	872.1	\$1,827.71	\$1,593,946
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Pinot Noir	86.2	\$2,772.67	\$239,004
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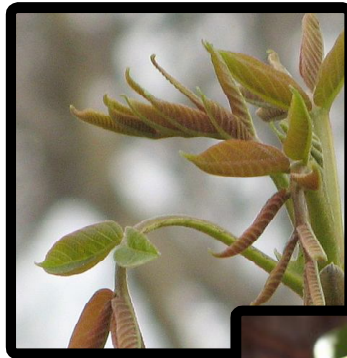
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Walnuts Growing in Husks



Walnut Husks Starting to Split Open to Reveal the Walnut Inside



Walnut Husk Opening, Ready To Drop The Walnut



Walnut Free of Husk, Ready For Drying



# Seasons of a Walnut Orchard



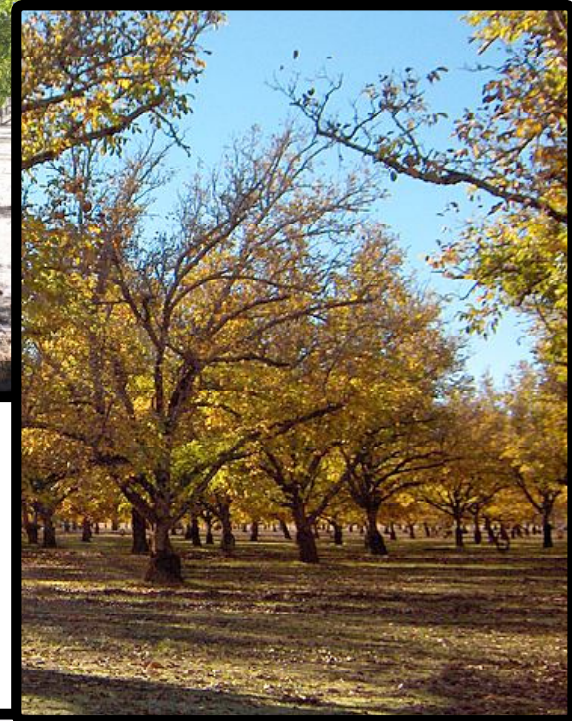
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Spring with Wild Flowers



Summer, Wild Turkeys Enjoying the Shade



Fall Color and Harvest Time



Winter Snow and the Trees are at Rest



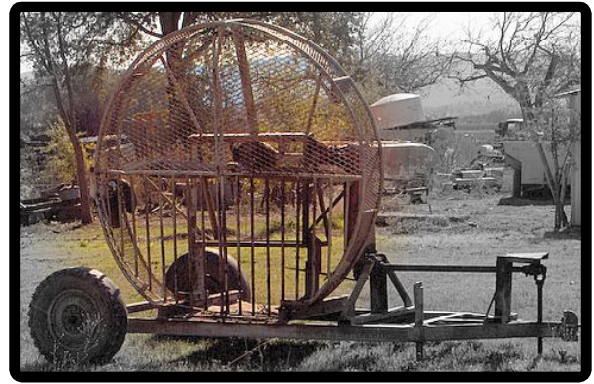
Walnut Pruning in the Winter



## Equipment for Harvest



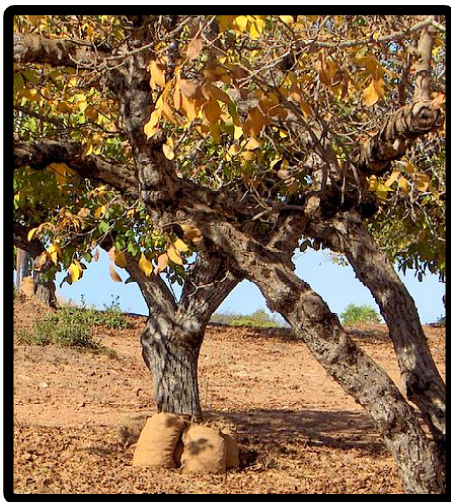
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Some nuts are hand picked. They are put into bags then dumped into bins.



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Walnuts are brought into a dryer in burlap bags or bins



Picked nuts being dumped into hopper

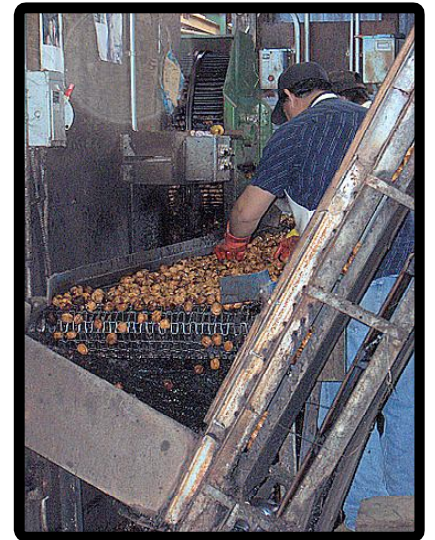
Nuts being cleaned of debris



After debris is removed, nuts are rolled to remove the remaining hulls and any small debris



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Debris and cull nuts hauled away



# LAKE COUNTY WALNUT PIE



Lake County Walnut Pie  
Beat 3 eggs, add 1/2 cup brown sugar  
Melt 1/4 cup butter and add with 1 cup corn syrup  
Mix with the egg mixture  
Stir in 2 cups walnuts, pieces and halves  
Pour into 9 inch pie shell  
Bake at 425 degrees for 10 minutes  
then lower to 350 til crust is browned, 20-25 mins.



ENJOY !

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who did so much for the Lake County walnut industry.

<b>Year</b>	<b>Greenhouse Sq. Feet</b>	<b>Field Acres</b>	<b>Value</b>
2007	69,900	77.1	\$5,112,004
2006	75,900	74.6	\$4,318,395

<b>ITEM</b>	<b>YEAR</b>	<b>MBF<sup>2</sup></b>	<b>VALUE<sup>3</sup></b>
Timber Yield	2007	3,684	\$802,700
	2006	928	\$339,069

<sup>1</sup>Values furnished by the California State Board of Equalization  
<sup>2</sup>Quantity of timber cut and scaled (Thousand Board Feet)  
<sup>3</sup>Value of timber immediately before cutting

<b>Commodity</b>	<b>Year</b>	<b>Acreage</b>	<b>Unit</b>	<b>\$ / Unit</b>	<b>Value</b>
Irrigated Pasture	2007	1,800	Acre	\$ 100.00	\$ 180,000.00
	2006	2,000		\$ 120.00	\$ 240,000.00
Range	2007	90,000	Acre	\$ 5.00	\$ 450,000.00
	2006	90,000		\$ 7.00	\$ 630,000.00
Miscellaneous	2007	2,100	Acre		\$ 1,636,375.00
	2006	2,200			\$ 1,250,000.00
Includes Wild rice, oat hay, alfalfa, grass hay					
Total	<b>2007</b>	<b>93,900</b>			<b>\$ 2,266,375.00</b>
	2006	94,200			\$ 2,120,000.00



COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT <sup>1</sup> (LIVE WT.)	\$ PER CWT	VALUE
CATTLE AND CALVES	2007	3,151	25,206	\$97.85	\$2,466,300
	2006	3,515	28,123	\$80.00	\$2,249,900
MISCELLANEOUS <sup>2</sup>	2007				\$46,237
	2006				\$45,946
<b>TOTALS</b>	2007				<b>\$2,512,537</b>
	2006				<b>\$2,296,000</b>

<sup>1</sup>CWT = 100 lbs.

<sup>2</sup>Includes goats, sheep, hogs, and rabbits.



	Year	Value
Miscellaneous <sup>1</sup>	2007	\$ 146,105.00
	2006	\$ 133,701.00

<sup>1</sup> Includes eggs and cheese

Commodity	Year	Acres	Value
Miscellaneous Vegetables <sup>1</sup>	2007	50	\$ 235,500.00
	2006	50	\$ 242,355.00

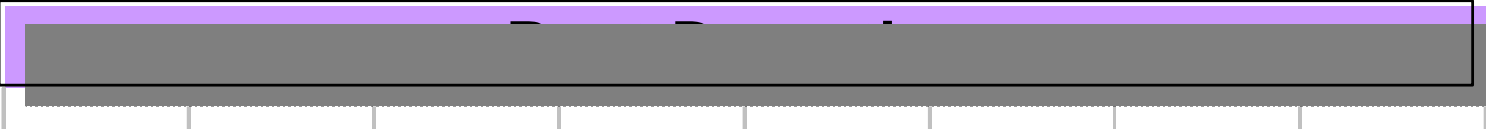
<sup>1</sup> Includes, beans, peas, tomatoes, squash, pumpkins, etc.



CROPS	NUMBER OF FARMS	ACRES
Walnuts	78	1708
Wine Grapes	7	126
Misc. Fruit	8	37
Misc. Vegetables	8	17
Nursery	2	10
Apples	3	3
Pears	3	33
<b>Total</b>	<b>109</b>	<b>1934</b>







### Vine Mealy Bug

	Traps Deployed	Program Hours	
	99	428	

### Exotic Insect Pests

	Urban Traps	Program Hours	
	297	1,140.75	

### Glassy-Winged Sharpshooter Trapping

	Urban Traps	Nursery Traps	Program Hours
	109	33	1,034

### Glassy-Winged Sharpshooter Nursery Shipment Inspections

	Number of Inspections	Program Hours
	100	243



### Biological Control

Pest	Agent /Mechanism	Scope of Program
Bull thistle	Gall Fly	2 Sites, Unknown Establishment
Italian Thistle	Seed Head Weevil	Generally Distributed
Klamath Weed	Klamath Weed Beetle	Widely Distributed
Yellow Starthistle	Seed Head Weevil	Widely Distributed
	Gall Fly	2 Sites, Unknown Establishment
	Flower Weevil	1 site
	Hairy Weevil	Becoming Generally Distributed
	Peacock Fly	Generally Distributed
	Yst Rust	4 sites, Unknown Establishment
Red Gum Lerp Psyllid	Wasp (Psyllaephagus bliteus)	1 Site, Well Established
Puncture Vine	Stem Boring Weevil	Generally Distributed

### Pest Eradication

The Following Pests were under active control and eradication during the year: Dalmatian Toadflax, Scotch Thistle, Plumless Thistle, Artichoke Thistle, Oblong Spurge, Canada Thistle, Purple Star Thistle, and Hydrilla. (Hydrilla is a CDFA program supported by the Lake County Agriculture Department.)

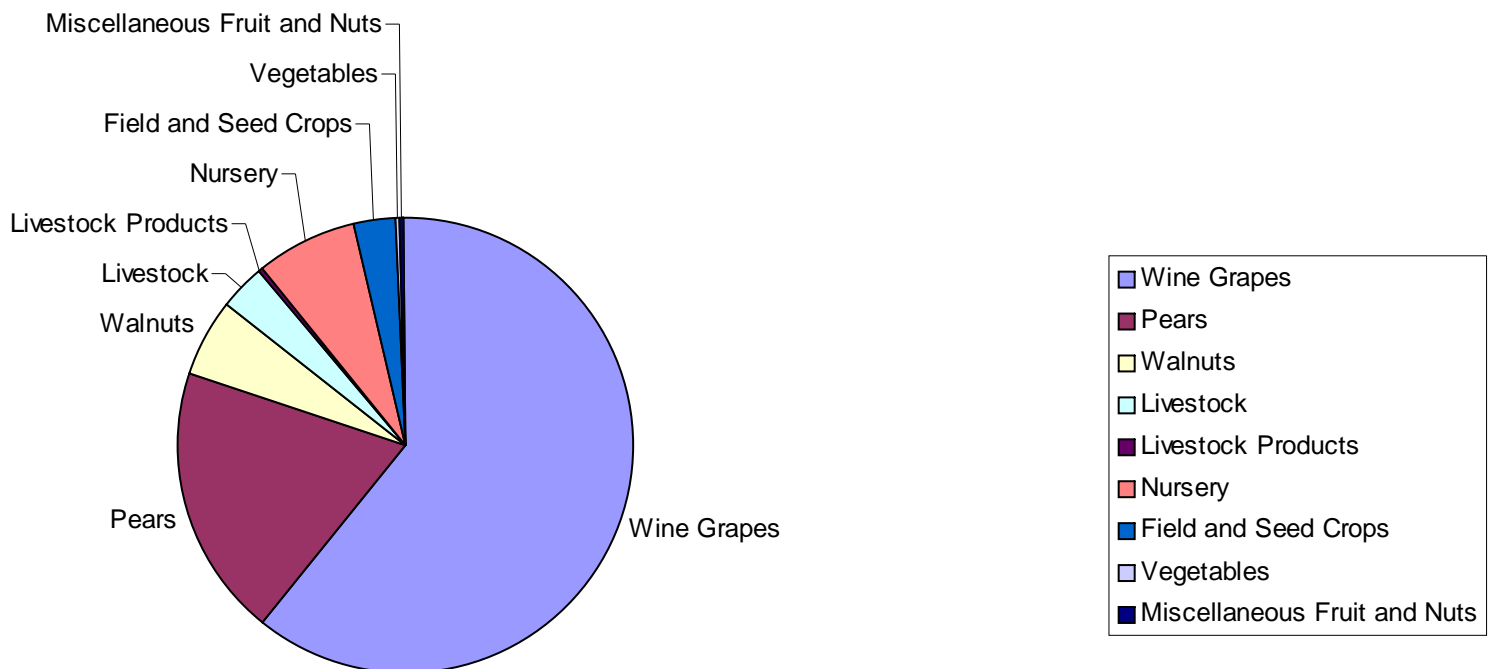
### Pest Exclusion

Packages Profiled	2,945	Packages Inspected	468	Packages Rejected	1
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COMMODITY	YEAR	VALUE
FRUIT AND NUTS <sup>1</sup>	2007	\$ 61,595,000.00
	2006	\$ 59,317,000.00
LIVESTOCK PRODUCTION	2007	\$ 2,512,537.00
	2006	\$ 2,296,000.00
LIVESTOCK & POULTRY PRODUCTS	2007	\$ 146,105.00
	2006	\$ 133,701.00
NURSERY PRODUCTION	2007	\$ 5,112,004.00
	2006	\$ 4,318,395.00
VEGETABLE CROPS	2007	\$ 235,500.00
	2006	\$ 242,355.00
FIELD & SEED CROPS	2007	\$ 2,266,375.00
	2006	\$ 2,120,000.00
FOREST PRODUCTS	2007	\$ 802,700.00
	2006	\$ 339,069.00
<b>GRAND TOTAL</b>	<b>2007</b>	<b>\$ 72,670,221.00</b>
	<b>2006</b>	<b>\$ 68,766,520.00</b>

<sup>1</sup> Includes grapes, pears, walnuts and miscellaneous fruit and nuts

**2007 Agricultural Production by Commodity**





**LAKE COUNTY BOARD OF SUPERVISORS**

Ed Robey                      District 1  
Jeff Smith                     District 2  
Denise Rushing             District 3  
Anthony Farrington        District 4  
Rob Brown                    District 5



**AGRICULTURAL COMMISSIONER**  
**SEALER OF WEIGHTS & MEASURES**

Steve Hajik

**DEPUTY AGRICULTURAL COMMISSIONER**  
**DEPUTY SEALER OF WEIGHTS & MEASURES**

Chuck Morse

**AGRICULTURAL BIOLOGISTS**

Andrew Tritchler  
Kristine Eutenier  
Dana Thibeau

**SECRETARY**

Kristi Elsemore

**FEDERAL WILDLIFE SERVICES STAFF**

Greg Wamsley

Larry Johnson

**AGRICULTURAL AIDES**

Lynn Eutenier  
Steve Woods



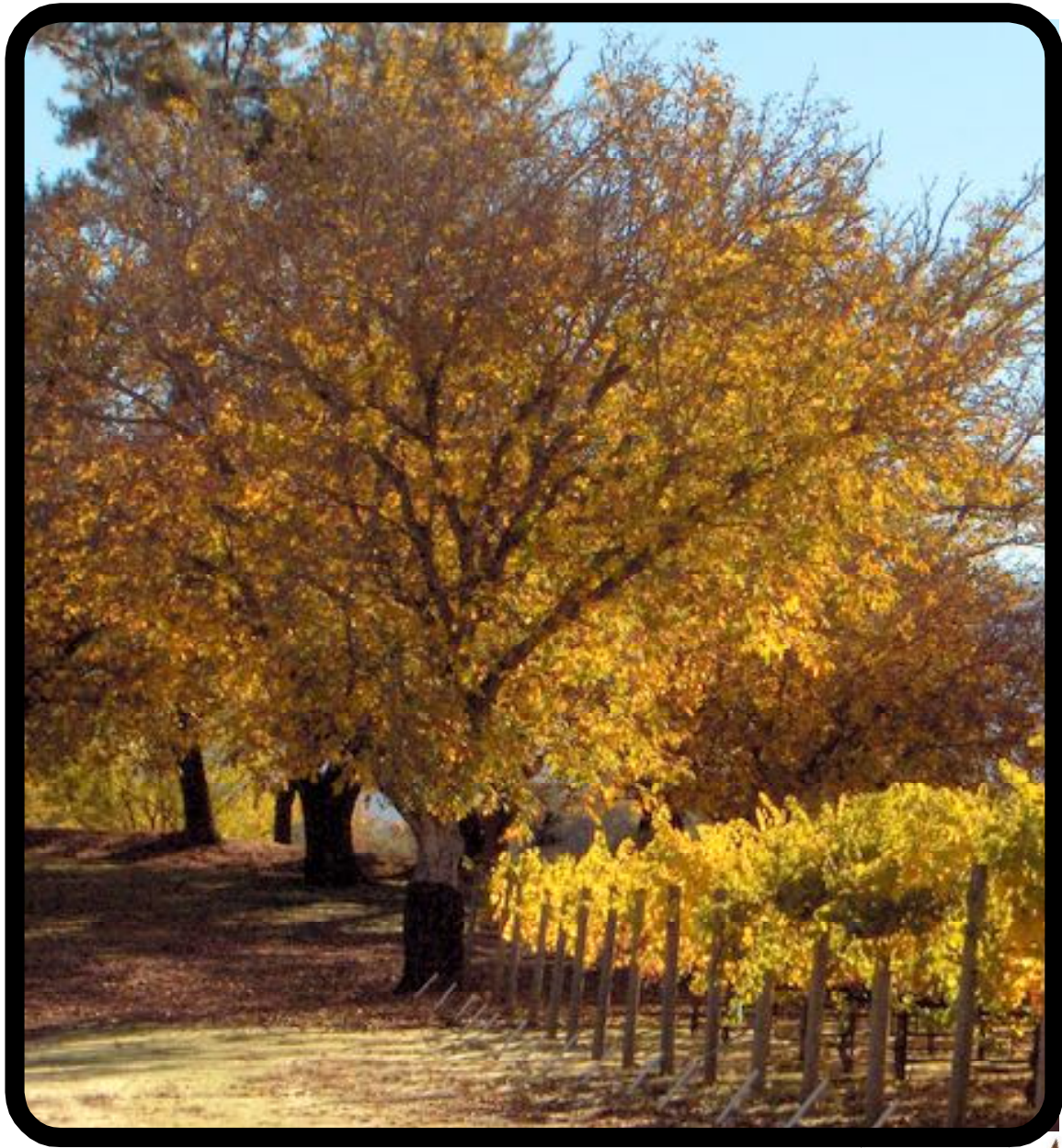
The 2007 Lake County Staff

Left to Right  
Dana Thibeau, Andrew Tritchler, Kristi Elsemore, Steve Hajik, Kristine Eutenier, Chuck Morse



**COUNTY OF LAKE**





***LAKE COUNTY***

***2007***

***CROP REPORT***



letter



COMMODITY	MARKET TYPE	YEAR	PRODUCTION (Tons)	YIELD (Tons/Acre)	RETURNS \$/Ton1	GROSS VALUE1	BEARING ACRES
<b>WINE GRAPES</b>							
Whites		2007	13,980.5	5.6	\$939.29	\$13,131,700.00	2,494
		2006	11,881.8	5.1	\$842.37	\$10,008,900.00	2,447
Reds		2007	22,340.9	4.1	\$1,357.04	\$30,317,600.00	5,455
		2006	20,113.3	3.9	\$1,399.08	\$28,140,200.00	5,395
<b>TOTAL ALL WINE GRAPES</b>		<b>2007</b>	<b>36,321.4</b>	<b>4.6</b>	<b>\$1,196.25</b>	<b>\$43,449,300.00</b>	<b>7,949</b>
		<b>2006</b>	<b>31,995.1</b>	<b>4.3</b>	<b>\$1,192.34</b>	<b>\$38,149,100.00</b>	<b>7,842</b>
<b>PEARS</b>							
Bartlett Including Red	Fresh	2007	17,593.0		\$526.08	\$9,255,000.00	
		2006	16,426.0		\$504.00	\$8,285,000.00	
	Cannery	2007	14,709.0		\$210.81	\$3,101,000.00	
		2006	14,553.0		\$271.00	\$39,647.00	
	Baby Food	2007	1,282.0		\$54.92	\$70,400.00	
		2006	2,160.0		\$37.00	\$80,400.00	
By-products	2007	2,476.0		\$31.16	\$77,200.00		
	2006	2,969.0	3,932.0	\$4,895.00	\$5,858.00		
<b>Total Bartlett</b>		<b>2007</b>	<b>36,060.0</b>	<b>17.4</b>	<b>\$346.76</b>	<b>\$12,504,000.00</b>	<b>2,078</b>
		<b>2006</b>	<b>36,108.0</b>	<b>17.3</b>	<b>\$232.94</b>	<b>\$8,411,000.00</b>	<b>2,092</b>
Winter & Asian (Includes Bosc, Comice, Seckel)	Fresh	2007	716.3		\$1,191.07	\$853,104.62	
		2006	1,154.0		\$678.00	\$782,313.00	
	By-products	2007	314.6		\$17.15	\$5,395.64	
		2006	547.0		\$1.00	\$248.00	
<b>Total Winter &amp; Asian</b>		<b>2007</b>	<b>1,030.9</b>	<b>11.8</b>	<b>\$833.26</b>	<b>\$859,000.00</b>	<b>87</b>
		<b>2006</b>	<b>1,701.0</b>	<b>16.2</b>	<b>\$460.06</b>	<b>\$782,561.00</b>	<b>105</b>
Red Pears other than Bartlett (Starkrimson)	Fresh	2007	488.2		\$1,248.32	\$609,477.43	
		2006	554.0		\$920.00	\$510,221.00	
	By-products	2007	168.0		\$17.41	\$2,925.12	
		2006	271.0		\$34.00	\$9,129.00	
<b>Total Reds</b>		<b>2007</b>	<b>656.3</b>	<b>15.3</b>	<b>\$933.15</b>	<b>\$612,400.00</b>	<b>43</b>
		<b>2006</b>	<b>825.0</b>	<b>19.2</b>	<b>\$629.52</b>	<b>\$519,350.00</b>	<b>43</b>
<b>TOTAL ALL PEARS</b>		<b>2007</b>	<b>37,747.2</b>	<b>17.1</b>	<b>\$370.23</b>	<b>\$13,975,000.00</b>	<b>2,208</b>
		<b>2006</b>	<b>38,635.0</b>	<b>17.2</b>	<b>\$327.00</b>	<b>\$12,617,000.00</b>	<b>2,240</b>
<b>WALNUTS</b>							
Irrigated Walnuts		2007	761.6	0.8	\$2,914.00	\$2,219,300.00	952
		2006	1,047.2	1.1	\$1,754.67	\$1,837,500.00	952
Non-Irrigated Walnuts		2007	622.1	0.4	\$2,914.00	\$1,813,000.00	1,750
		2006	863.6	0.5	\$1,754.67	\$1,515,000.00	1,750
<b>TOTAL ALL WALNUTS</b>		<b>2007</b>	<b>1,383.7</b>	<b>0.5</b>	<b>\$2,914.00</b>	<b>\$4,032,200.00</b>	<b>2,702</b>
		<b>2006</b>	<b>1,910.8</b>	<b>0.7</b>	<b>\$1,754.67</b>	<b>\$3,352,900.00</b>	<b>2,702</b>
<b>MISCELLANEOUS FRUITS &amp; NUTS</b>							
MISCELLANEOUS		2007				\$138,400.00	70
<b>TOTAL ALL PEARS</b>		<b>2007</b>	<b>37,747.2</b>	<b>17.1</b>	<b>\$370.23</b>	<b>\$13,975,000.00</b>	<b>2,208</b>
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<b>MISCELLANEOUS FRUITS &amp; NUTS</b>							
MISCELLANEOUS FRUITS & NUTS <sup>2</sup>		2007				\$138,400.00	70
		2006				\$142,241.00	86
<b>TOTAL ALL FRUIT &amp; NUT CROPS</b>		<b>2007</b>				<b>\$61,595,000.00</b>	<b>12,929</b>
		<b>2006</b>				<b>\$59,317,000.00</b>	<b>12,781</b>

CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
PEARS	BARTLETT	2,078	4	2,082
	WINTER & ASIAN	87	0	87
	REDS	43	0	43
	<b>TOTAL</b>	<b>2,208</b>	<b>4</b>	<b>2,212</b>
WINE GRAPES	WHITES	2,494	280	2,774
	REDS	5,455	116	5,571
	<b>TOTAL</b>	<b>7,949</b>	<b>396</b>	<b>8,345</b>
WALNUTS		2,702	150	2,852
MISCELLANEOUS <sup>1</sup>		70		70
<b>TOTAL</b>		<b>12,929</b>	<b>550</b>	<b>13,479</b>

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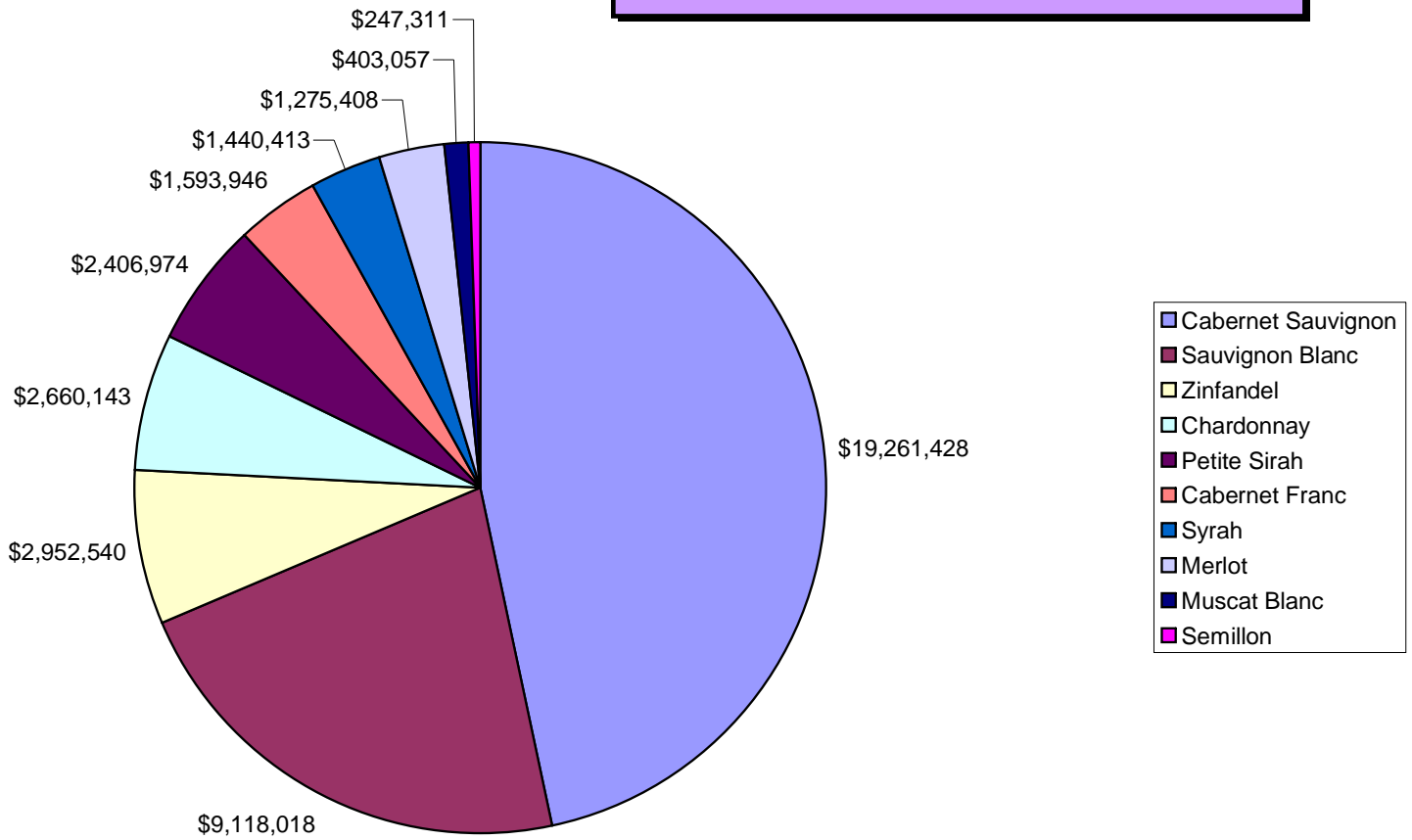


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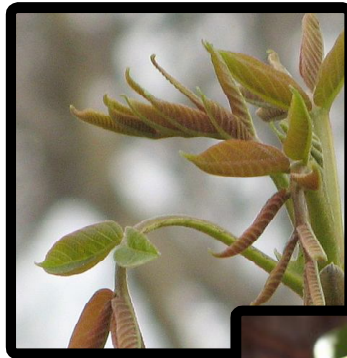
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Walnut Free of Husk, Ready For Drying



## Seasons of a Walnut Orchard



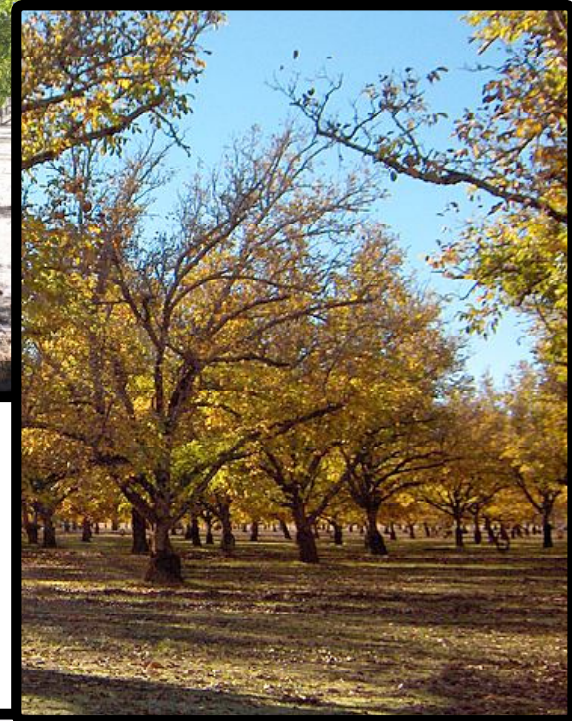
Young Orchard



Spring with Wild Flowers



Summer, Wild Turkeys Enjoying the Shade



Fall Color and Harvest Time



Winter Snow and the Trees are at Rest



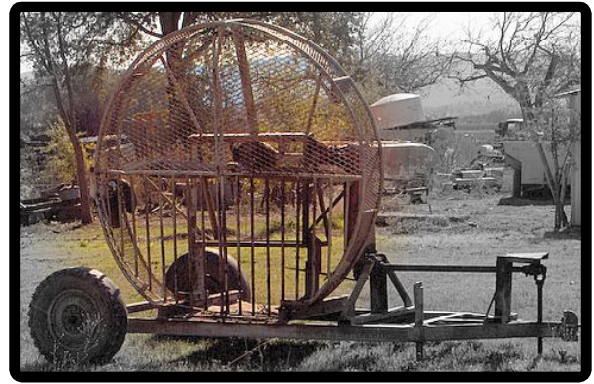
Walnut Pruning in the Winter



## Equipment for Harvest



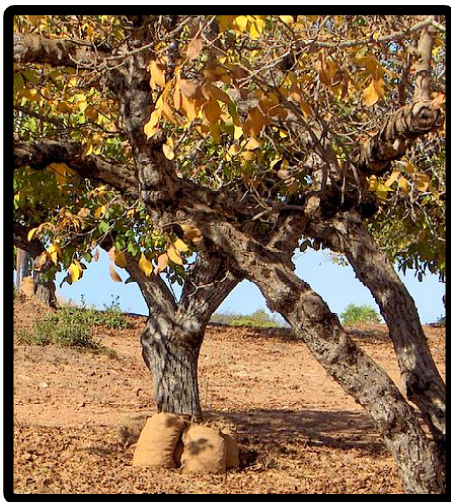
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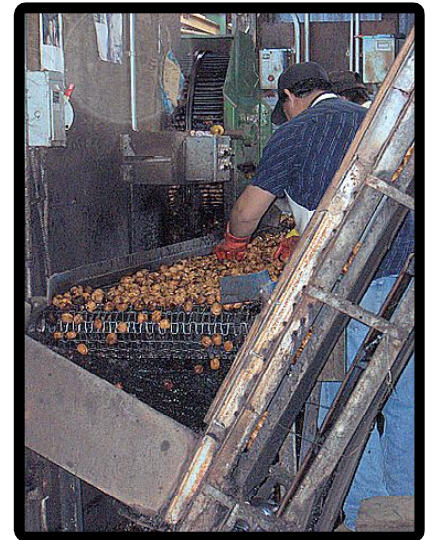
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Sorting cleaned nuts



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Debris and cull nuts hauled away



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	2006	928	\$339,069

<sup>1</sup>Values furnished by the California State Board of Equalization  
<sup>2</sup>Quantity of timber cut and scaled (Thousand Board Feet)  
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<b>Commodity</b>	<b>Year</b>	<b>Acreage</b>	<b>Unit</b>	<b>\$ / Unit</b>	<b>Value</b>
Irrigated Pasture	2007	1,800	Acre	\$ 100.00	\$ 180,000.00
	2006	2,000		\$ 120.00	\$ 240,000.00
Range	2007	90,000	Acre	\$ 5.00	\$ 450,000.00
	2006	90,000		\$ 7.00	\$ 630,000.00
Miscellaneous	2007	2,100	Acre		\$ 1,636,375.00
	2006	2,200			\$ 1,250,000.00
Includes Wild rice, oat hay, alfalfa, grass hay					
Total	<b>2007</b>	<b>93,900</b>			<b>\$ 2,266,375.00</b>
	2006	94,200			\$ 2,120,000.00



COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT <sup>1</sup> (LIVE WT.)	\$ PER CWT	VALUE
CATTLE AND CALVES	2007	3,151	25,206	\$97.85	\$2,466,300
	2006	3,515	28,123	\$80.00	\$2,249,900
MISCELLANEOUS <sup>2</sup>	2007				\$46,237
	2006				\$45,946
<b>TOTALS</b>	2007				<b>\$2,512,537</b>
	2006				<b>\$2,296,000</b>

<sup>1</sup>CWT = 100 lbs.

<sup>2</sup>Includes goats, sheep, hogs, and rabbits.



	Year	Value
Miscellaneous <sup>1</sup>	2007	\$ 146,105.00
	2006	\$ 133,701.00

<sup>1</sup> Includes eggs and cheese

Commodity	Year	Acres	Value
Miscellaneous Vegetables <sup>1</sup>	2007	50	\$ 235,500.00
	2006	50	\$ 242,355.00

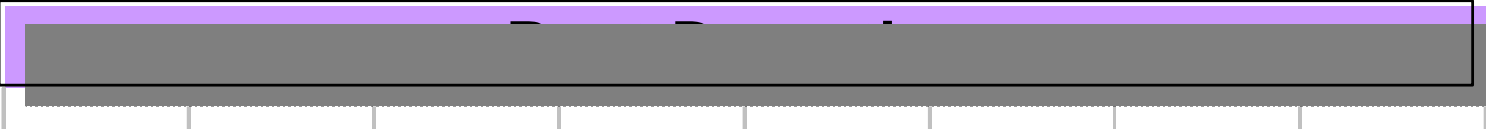
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CROPS	NUMBER OF FARMS	ACRES
Walnuts	78	1708
Wine Grapes	7	126
Misc. Fruit	8	37
Misc. Vegetables	8	17
Nursery	2	10
Apples	3	3
Pears	3	33
<b>Total</b>	<b>109</b>	<b>1934</b>







**Vine Mealy Bug**

	Traps Deployed	Program Hours	
	99	428	

**Exotic Insect Pests**

	Urban Traps	Program Hours	
	297	1,140.75	

**Glassy-Winged Sharpshooter Trapping**

	Urban Traps	Nursery Traps	Program Hours
	109	33	1,034

**Glassy-Winged Sharpshooter Nursery Shipment Inspections**

	Number of Inspections	Program Hours
	100	243



**Biological Control**

Pest	Agent /Mechanism	Scope of Program
Bull thistle	Gall Fly	2 Sites, Unknown Establishment
Italian Thistle	Seed Head Weevil	Generally Distributed
Klamath Weed	Klamath Weed Beetle	Widely Distributed
Yellow Starthistle	Seed Head Weevil	Widely Distributed
	Gall Fly	2 Sites, Unknown Establishment
	Flower Weevil	1 site
	Hairy Weevil	Becoming Generally Distributed
	Peacock Fly	Generally Distributed
	Yst Rust	4 sites, Unknown Establishment
Red Gum Lerp Psyllid	Wasp ( <i>Psyllaephagus bliteus</i> )	1 Site, Well Established
Puncture Vine	Stem Boring Weevil	Generally Distributed

**Pest Eradication**

The Following Pests were under active control and eradication during the year: Dalmatian Toadflax, Scotch Thistle, Plumless Thistle, Artichoke Thistle, Oblong Spurge, Canada Thistle, Purple Star Thistle, and Hydrilla. (Hydrilla is a CDFA program supported by the Lake County Agriculture Department.)

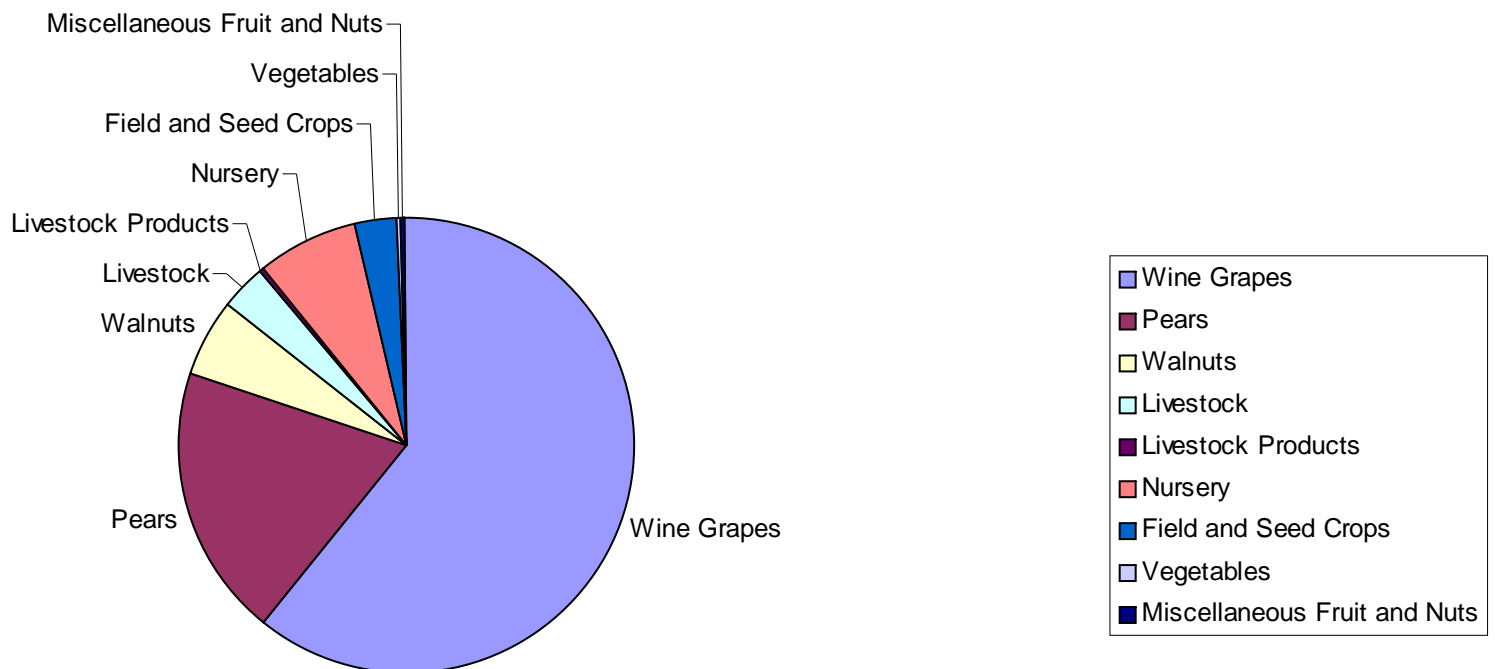
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Packages Profiled	Packages Inspected	Packages Rejected
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COMMODITY	YEAR	VALUE
FRUIT AND NUTS <sup>1</sup>	2007	\$ 61,595,000.00
	2006	\$ 59,317,000.00
LIVESTOCK PRODUCTION	2007	\$ 2,512,537.00
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<b>GRAND TOTAL</b>	<b>2007</b>	<b>\$ 72,670,221.00</b>
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<sup>1</sup> Includes grapes, pears, walnuts and miscellaneous fruit and nuts

### 2007 Agricultural Production by Commodity





**LAKE COUNTY BOARD OF SUPERVISORS**

Ed Robey	District 1
Jeff Smith	District 2
Denise Rushing	District 3
Anthony Farrington	District 4
Rob Brown	District 5

**AGRICULTURAL COMMISSIONER**  
**SEALER OF WEIGHTS & MEASURES**

Steve Hajik

**DEPUTY AGRICULTURAL COMMISSIONER**  
**DEPUTY SEALER OF WEIGHTS & MEASURES**

Chuck Morse

**AGRICULTURAL BIOLOGISTS**

Andrew Tritchler  
Kristine Eutenier  
Dana Thibeau

**SECRETARY**

Kristi Elsemore

**FEDERAL WILDLIFE SERVICES STAFF**

Greg Wamsley

Larry Johnson

**AGRICULTURAL AIDES**

Lynn Eutenier  
Steve Woods



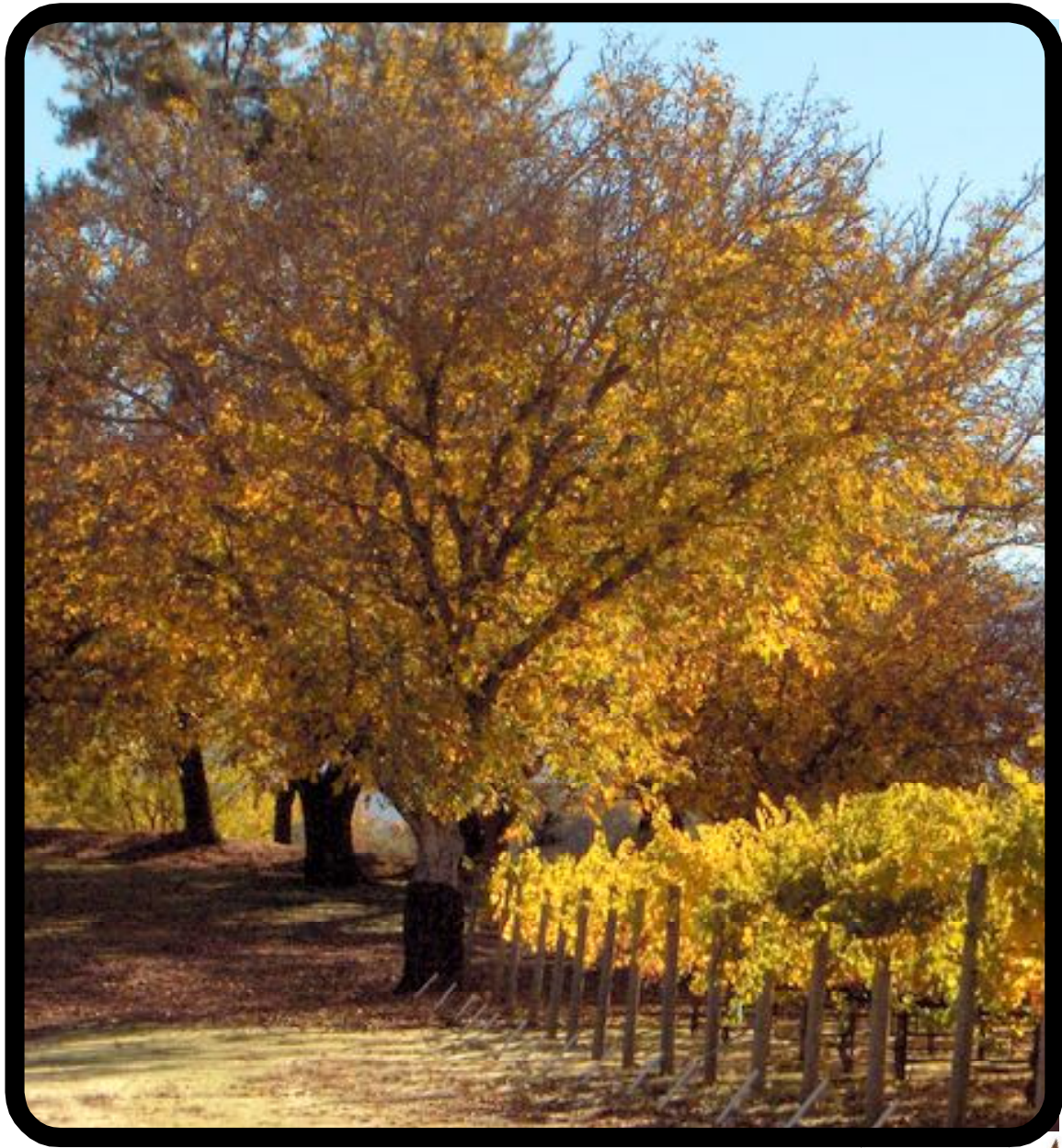
The 2007 Lake County Staff

Left to Right  
Dana Thibeau, Andrew Tritchler, Kristi Elsemore, Steve Hajik, Kristine Eutenier, Chuck Morse



**COUNTY OF LAKE**





***LAKE COUNTY***

***2007***

***CROP REPORT***



letter



COMMODITY	MARKET TYPE	YEAR	PRODUCTION (Tons)	YIELD (Tons/Acre)	RETURNS \$/Ton1	GROSS VALUE1	BEARING ACRES
<b>WINE GRAPES</b>							
Whites		2007	13,980.5	5.6	\$939.29	\$13,131,700.00	2,494
		2006	11,881.8	5.1	\$842.37	\$10,008,900.00	2,447
Reds		2007	22,340.9	4.1	\$1,357.04	\$30,317,600.00	5,455
		2006	20,113.3	3.9	\$1,399.08	\$28,140,200.00	5,395
<b>TOTAL ALL WINE GRAPES</b>		<b>2007</b>	<b>36,321.4</b>	<b>4.6</b>	<b>\$1,196.25</b>	<b>\$43,449,300.00</b>	<b>7,949</b>
		<b>2006</b>	<b>31,995.1</b>	<b>4.3</b>	<b>\$1,192.34</b>	<b>\$38,149,100.00</b>	<b>7,842</b>
<b>PEARS</b>							
Bartlett Including Red	Fresh	2007	17,593.0		\$526.08	\$9,255,000.00	
		2006	16,426.0		\$504.00	\$8,285,000.00	
	Cannery	2007	14,709.0		\$210.81	\$3,101,000.00	
		2006	14,553.0		\$271.00	\$39,647.00	
	Baby Food	2007	1,282.0		\$54.92	\$70,400.00	
		2006	2,160.0		\$37.00	\$80,400.00	
By-products	2007	2,476.0		\$31.16	\$77,200.00		
	2006	2,969.0	3,932.0	\$4,895.00	\$5,858.00		
<b>Total Bartlett</b>		<b>2007</b>	<b>36,060.0</b>	<b>17.4</b>	<b>\$346.76</b>	<b>\$12,504,000.00</b>	<b>2,078</b>
		<b>2006</b>	<b>36,108.0</b>	<b>17.3</b>	<b>\$232.94</b>	<b>\$8,411,000.00</b>	<b>2,092</b>
Winter & Asian (Includes Bosc, Comice, Seckel)	Fresh	2007	716.3		\$1,191.07	\$853,104.62	
		2006	1,154.0		\$678.00	\$782,313.00	
	By-products	2007	314.6		\$17.15	\$5,395.64	
		2006	547.0		\$1.00	\$248.00	
<b>Total Winter &amp; Asian</b>		<b>2007</b>	<b>1,030.9</b>	<b>11.8</b>	<b>\$833.26</b>	<b>\$859,000.00</b>	<b>87</b>
		<b>2006</b>	<b>1,701.0</b>	<b>16.2</b>	<b>\$460.06</b>	<b>\$782,561.00</b>	<b>105</b>
Red Pears other than Bartlett (Starkrimson)	Fresh	2007	488.2		\$1,248.32	\$609,477.43	
		2006	554.0		\$920.00	\$510,221.00	
	By-products	2007	168.0		\$17.41	\$2,925.12	
		2006	271.0		\$34.00	\$9,129.00	
<b>Total Reds</b>		<b>2007</b>	<b>656.3</b>	<b>15.3</b>	<b>\$933.15</b>	<b>\$612,400.00</b>	<b>43</b>
		<b>2006</b>	<b>825.0</b>	<b>19.2</b>	<b>\$629.52</b>	<b>\$519,350.00</b>	<b>43</b>
<b>TOTAL ALL PEARS</b>		<b>2007</b>	<b>37,747.2</b>	<b>17.1</b>	<b>\$370.23</b>	<b>\$13,975,000.00</b>	<b>2,208</b>
		<b>2006</b>	<b>38,635.0</b>	<b>17.2</b>	<b>\$327.00</b>	<b>\$12,617,000.00</b>	<b>2,240</b>
<b>WALNUTS</b>							
Irrigated Walnuts		2007	761.6	0.8	\$2,914.00	\$2,219,300.00	952
		2006	1,047.2	1.1	\$1,754.67	\$1,837,500.00	952
Non-Irrigated Walnuts		2007	622.1	0.4	\$2,914.00	\$1,813,000.00	1,750
		2006	863.6	0.5	\$1,754.67	\$1,515,000.00	1,750
<b>TOTAL ALL WALNUTS</b>		<b>2007</b>	<b>1,383.7</b>	<b>0.5</b>	<b>\$2,914.00</b>	<b>\$4,032,200.00</b>	<b>2,702</b>
		<b>2006</b>	<b>1,910.8</b>	<b>0.7</b>	<b>\$1,754.67</b>	<b>\$3,352,900.00</b>	<b>2,702</b>
<b>MISCELLANEOUS FRUITS &amp; NUTS</b>							
MISCELLANEOUS		2007				\$138,400.00	70
<b>TOTAL ALL PEARS</b>		<b>2007</b>	<b>37,747.2</b>	<b>17.1</b>	<b>\$370.23</b>	<b>\$13,975,000.00</b>	<b>2,208</b>
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<b>MISCELLANEOUS FRUITS &amp; NUTS</b>							
MISCELLANEOUS FRUITS & NUTS <sup>2</sup>		2007				\$138,400.00	70
		2006				\$142,241.00	86
<b>TOTAL ALL FRUIT &amp; NUT CROPS</b>		<b>2007</b>				<b>\$61,595,000.00</b>	<b>12,929</b>
		<b>2006</b>				<b>\$59,317,000.00</b>	<b>12,781</b>

CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
PEARS	BARTLETT	2,078	4	2,082
	WINTER & ASIAN	87	0	87
	REDS	43	0	43
	<b>TOTAL</b>	<b>2,208</b>	<b>4</b>	<b>2,212</b>
WINE GRAPES	WHITES	2,494	280	2,774
	REDS	5,455	116	5,571
	<b>TOTAL</b>	<b>7,949</b>	<b>396</b>	<b>8,345</b>
WALNUTS		2,702	150	2,852
MISCELLANEOUS <sup>1</sup>		70		70
<b>TOTAL</b>		<b>12,929</b>	<b>550</b>	<b>13,479</b>

<sup>1</sup>Includes apples, peaches, strawberries, melons, dried fruits, olives, etc.



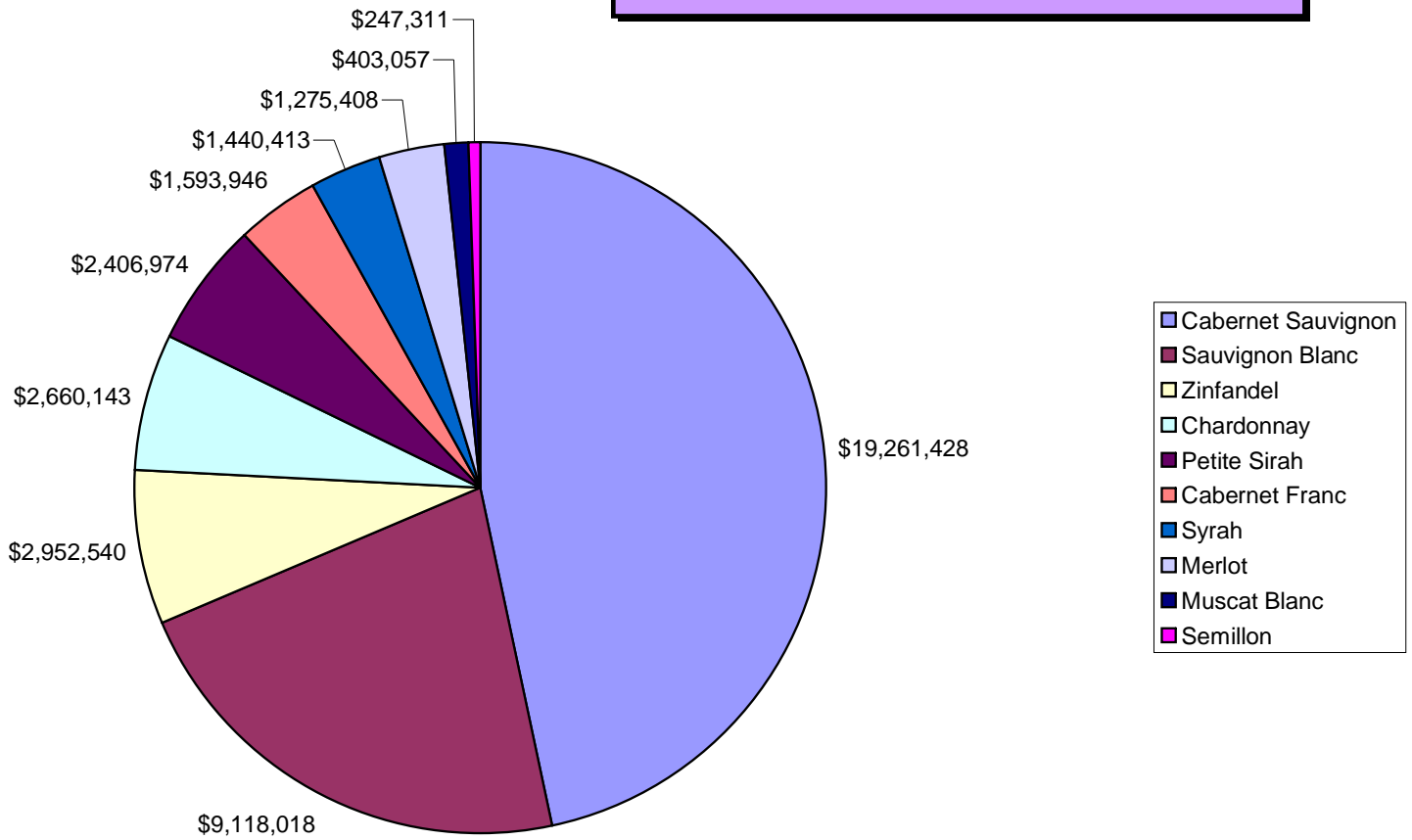


## WINE VARIETIES BY VALUE

Variety	Production (Tons)	Returns/Ton	Gross Value
Cabernet Sauvignon	13,750.6	\$1,400.77	\$19,261,428
Sauvignon Blanc	10,314.5	\$884.00	\$9,118,018
Zinfandel	2,455.6	\$1,202.37	\$2,952,540
Chardonnay	1,992.9	\$1,334.81	\$2,660,143
Petite Sirah	1,662.7	\$1,447.63	\$2,406,974
Cabernet Franc	872.1	\$1,827.71	\$1,593,946
Syrah	1,192.0	\$1,208.40	\$1,440,413
Merlot	1,633.4	\$780.83	\$1,275,408
Muscat Blanc	349.6	\$1,152.91	\$403,057
Semillon	263.7	\$937.85	\$247,311
Pinot Noir	86.2	\$2,772.67	\$239,004
Pinot Gris	182.3	\$1,291.18	\$235,382
Petit Verdot	129.0	\$1,640.98	\$211,686
Malbec	120.7	\$1,747.32	\$210,902
Tempranillo	94.1	\$2,030.28	\$191,049
White Riesling	139.8	\$1,253.74	\$175,273
Viognier	136.2	\$1,279.47	\$174,264
Primitivo	88.1	\$1,659.99	\$146,245
Grenache	73.2	\$1,833.46	\$134,209
Other	784.7	\$474.07	\$372,006
<b>TOTAL</b>	<b>36,321.4</b>	<b>\$1,196.24</b>	<b>\$43,449,258</b>



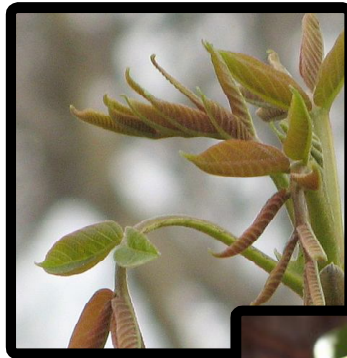
# TOP 10 WINE GRAPE VARIETIES







Walnut Catkins



Walnuts Growing in Husks



Walnut Husks Starting to Split Open to Reveal the Walnut Inside



Walnut Husk Opening, Ready To Drop The Walnut



Walnut Free of Husk, Ready For Drying



## Seasons of a Walnut Orchard



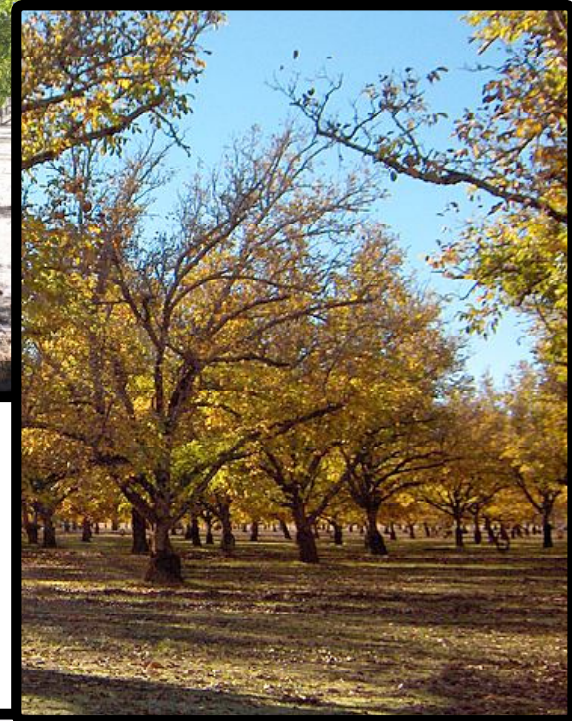
Young Orchard



Spring with Wild Flowers



Summer, Wild Turkeys Enjoying the Shade



Fall Color and Harvest Time



Winter Snow and the Trees are at Rest



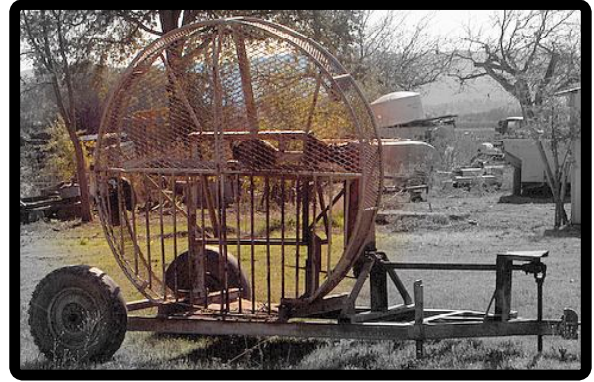
Walnut Pruning in the Winter



## Equipment for Harvest



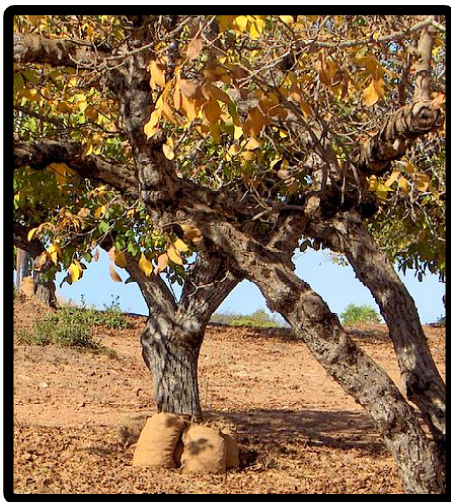
Tree shaker: grabs the tree trunk and shakes at a high frequency to knock the nuts to the ground.



Leaf blower: blows leaves away from the nuts so they can be either hand picked or mechanically picked.



Mechanical picker: picks up the nuts and drops them into a bin



Some nuts are hand picked. They are put into bags then dumped into bins.



Bins are put on trailers then taken to a walnut dryer.



# At the Drying Shed



Walnuts are brought into a dryer in burlap bags or bins



Picked nuts being dumped into hopper

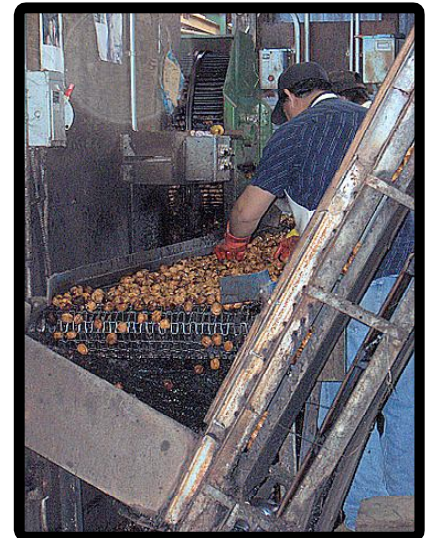
Nuts being cleaned of debris



After debris is removed, nuts are rolled to remove the remaining hulls and any small debris



Sorting cleaned nuts



Nuts going to dryer



Debris and cull nuts hauled away



# LAKE COUNTY WALNUT PIE



Lake County Walnut Pie  
Beat 3 eggs, add 1/2 cup brown sugar  
Melt 1/4 cup butter and add with 1 cup corn syrup  
Mix with the egg mixture  
Stir in 2 cups walnuts, pieces and halves  
Pour into 9 inch pie shell  
Bake at 425 degrees for 10 minutes  
then lower to 350 til crust is browned, 20-25 mins.



ENJOY !

This page is dedicated to the memory of Lucille Hill  
who did so much for the Lake County walnut industry.

<b>Year</b>	<b>Greenhouse Sq. Feet</b>	<b>Field Acres</b>	<b>Value</b>
2007	69,900	77.1	\$5,112,004
2006	75,900	74.6	\$4,318,395

<b>ITEM</b>	<b>YEAR</b>	<b>MBF<sup>2</sup></b>	<b>VALUE<sup>3</sup></b>
Timber Yield	2007	3,684	\$802,700
	2006	928	\$339,069

<sup>1</sup>Values furnished by the California State Board of Equalization  
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Includes Wild rice, oat hay, alfalfa, grass hay					
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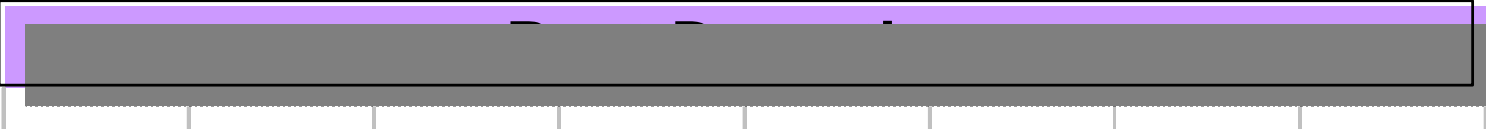
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### Vine Mealy Bug

	Traps Deployed	Program Hours	
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### Exotic Insect Pests

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	Number of Inspections	Program Hours
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	Flower Weevil	1 site
	Hairy Weevil	Becoming Generally Distributed
	Peacock Fly	Generally Distributed
	Yst Rust	4 sites, Unknown Establishment
Red Gum Lerp Psyllid	Wasp (Psyllaephagus bliteus)	1 Site, Well Established
Puncture Vine	Stem Boring Weevil	Generally Distributed

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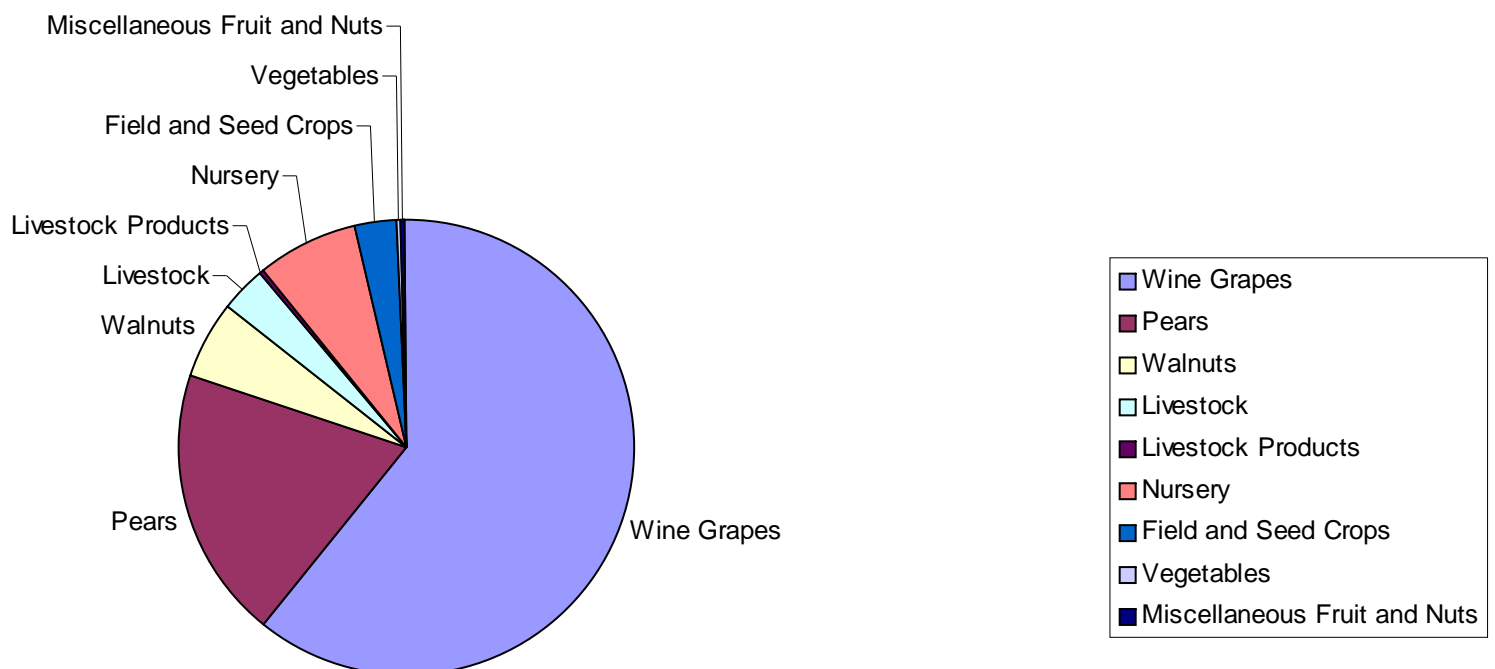
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<sup>1</sup> Includes grapes, pears, walnuts and miscellaneous fruit and nuts

**2007 Agricultural Production by Commodity**





**LAKE COUNTY BOARD OF SUPERVISORS**

Ed Robey	District 1
Jeff Smith	District 2
Denise Rushing	District 3
Anthony Farrington	District 4
Rob Brown	District 5

**AGRICULTURAL COMMISSIONER**  
**SEALER OF WEIGHTS & MEASURES**

Steve Hajik

**DEPUTY AGRICULTURAL COMMISSIONER**  
**DEPUTY SEALER OF WEIGHTS & MEASURES**

Chuck Morse

**AGRICULTURAL BIOLOGISTS**

Andrew Tritchler  
Kristine Eutenier  
Dana Thibeau

**SECRETARY**

Kristi Elsemore

**FEDERAL WILDLIFE SERVICES STAFF**

Greg Wamsley

Larry Johnson

**AGRICULTURAL AIDES**

Lynn Eutenier  
Steve Woods



The 2007 Lake County Staff

Left to Right  
Dana Thibeau, Andrew Tritchler, Kristi Elsemore, Steve Hajik, Kristine Eutenier, Chuck Morse



**COUNTY OF LAKE**





# LAKE COUNTY



# 2008 CROP REPORT



## FRUIT AND NUT CROPS

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (TONS)	YIELD (TONS / ACRE)	RETURNS \$ / TON <sup>1</sup>	GROSS VALUE <sup>1</sup>	BEARING ACRES
<b>WINE GRAPES</b>							
WHITES		2008	10,962	4.4	\$957	\$10,490,578	2,518
		2007	13,981	5.6	\$939	\$13,131,700	2,494
REDS		2008	17,011	3.1	\$1,395	\$23,736,377	5,486
		2007	22,341	4.1	\$1,357	\$30,317,600	5,455
<b>TOTAL ALL WINE GRAPES</b>		2008	27,973	3.5	\$1,224	\$34,226,955	8,004
		2007	36,321	4.6	\$1,196	\$43,449,300	7,949
<b>PEARS</b>							
BARTLETT <sup>2</sup> INCLUDING RED	FRESH	2008	16,252		\$660	\$10,726,320	
		2007	17,593		\$526	9255,000.00	
	CANNERY	2008	13,315		\$253	\$3,368,695	
		2007	14,709		\$211	\$3,101,000	
	BABY FOOD	2008	3,344		\$52	\$173,888	
		2007	1,282		\$55	\$70,400	
	BY- PRODUCTS	2008	2,542		\$37	\$94,054	
		2007	2,476		\$31	\$77,200	
<b>TOTAL BARTLETT</b>		2008	35,453	17.06	\$405	\$14,362,957	2,078
		2007	36,060	17.4	\$347	\$12,504,000	2,078
WINTER <sup>2</sup> & ASIAN (INCLUDES BOSCH, COMICE, SECKEL)	FRESH	2008	697		\$844	\$588,268	
		2007	716		\$1,191	\$853,105	
	BY- PRODUCTS	2008	88		\$44	\$3,872	
		2007	315		\$17	\$5,396	
<b>TOTAL WINTER &amp; ASIAN</b>		2008	785	9.02	\$754	\$592,140	87
		2007	1,031	11.8	\$833	\$859,000	
RED PEARS <sup>2</sup> OTHER THAN BARTLETT (STARKRIMSON)	FRESH	2008	483		\$1,120	\$540,960	
		2007	488		\$1,248	\$609,477	
	BY- PRODUCTS	2008	138		\$92	\$12,696	
		2007	168		\$17	\$2,925	
<b>TOTAL REDS</b>		2008	621	14.44	\$892	\$553,656	43
		2007	656	15.3	\$933	\$612,400	43
<b>TOTAL ALL PEARS</b>		2008	36,859	16.69	\$421	\$15,508,753	2,208
		2007	37,747	17.1	\$370	\$13,975,000	2,208
<b>WALNUTS</b>							
IRRIGATED WALNUTS		2008	381	0.4	\$1,950	\$742,950	952
		2007	762	0.8	\$2,914	\$2,219,300	952
NON-IRRIGATED WALNUTS		2008	259	0.18	\$1,950	\$505,050	1,698
		2007	622	0.4	\$2,914	\$1,813,000	1,750
<b>TOTAL ALL WALNUTS</b>		2008	640	0.28	\$1,950	\$1,248,000	2,650
		2007	1,384	0.5	\$2,914	\$4,032,200	2,702
<b>MISCELLANEOUS FRUITS &amp; NUTS</b>							
MISCELLANEOUS <sup>3</sup>		2008				\$78,509	35.00
		2007				\$138,400	70
<b>TOTAL ALL FRUIT AND NUTS</b>		2008				\$51,062,217	12,897
		2007				\$61,595,000	12,929

<sup>1</sup> THIS IS GROSS VALUE AND DOES NOT REPRESENT NET RETURN TO THE PRODUCER.

<sup>2</sup> THIS IS THE FOB PRICE WHICH INCLUDES PROCESSING AND PACKING COSTS.

<sup>3</sup> INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, AND OLIVES

FRUIT AND NUT ACREAGE				
CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
PEARS	BARTLETT	2,078	18	2096
	WINTER & ASIAN	87	0	87
	REDS	43	0	43
	<b>TOTAL</b>	<b>2,208</b>	<b>18</b>	<b>2226</b>
WINE GRAPES	WHITES	2,518	275	2793
	REDS	5,486	94	5580
	<b>TOTAL</b>	<b>8,004</b>	<b>369</b>	<b>8373</b>
WALNUTS		2,650	150	2800
MISCELLANEOUS <sup>1</sup>		35	32	67
<b>TOTAL</b>		<b>12,897</b>	<b>569</b>	<b>13466</b>

<sup>1</sup> INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, DRIED FRUITS, OLIVES. ETC.



Pear Orchard in Kelseyville

NURSERY PRODUCTION				
YEAR	GREENHOUSE SQ. FEET	FIELD ACRES	VALUE	
2008	77,750	60	5,774,193	
2007	69,900	77	5,112,004	





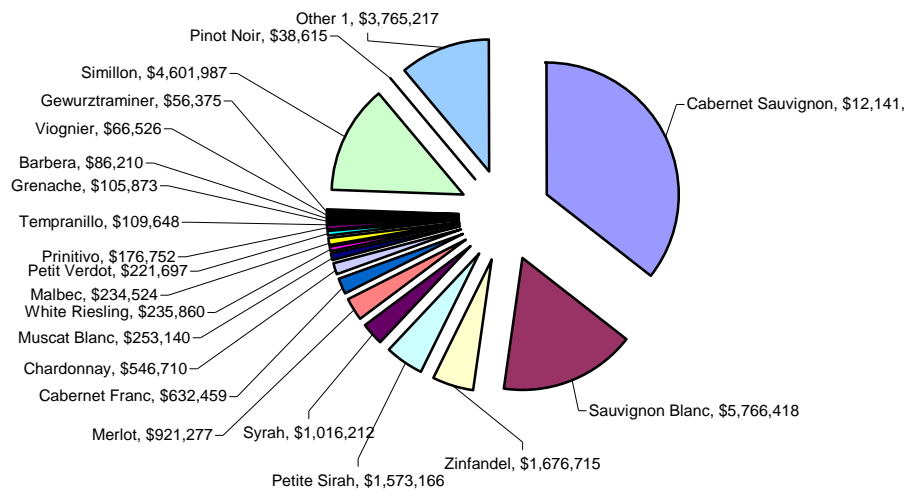


## TOP WINE VARIETIES BY VALUE

Variety	Production (Tons)	Returns/Tons	Gross Value
Cabernet Sauvignon	8459.2	\$ 1,435.31	\$12,141,574
Sauvignon Blanc	6271.8	\$ 919.42	\$5,766,418
Zinfandel	1315.7	\$ 1,274.39	\$1,676,715
Petite Sirah	1057.1	\$ 1,488.19	\$1,573,166
Syrah	760.7	\$ 1,335.89	\$1,016,212
Merlot	1028.9	\$ 985.40	\$921,277
Cabernet Franc	377	\$ 1,677.61	\$632,459
Chardonnay	489.3	\$ 1,097.15	\$546,710
Muscat Blanc	224.7	\$ 1,126.57	\$253,140
White Riesling	171.1	\$ 1,378.49	\$235,860
Malbec	139.1	\$ 1,686.01	\$234,524
Petit Verdot	128.4	\$ 1,726.61	\$221,697
Prinitivo	130.9	\$ 1,701.17	\$176,752
Tempranillo	56.6	\$ 1,937.25	\$109,648
Grenache	59.2	\$ 1,788.40	\$105,873
Barbera	61.8	\$ 1,394.98	\$86,210
Viognier	47.5	\$ 1,400.55	\$66,526
Gewurztraminer	38.5	\$ 1,464.29	\$56,375
Simillon	38.9	\$ 1,183.03	\$4,601,987
Pinot Noir	25.3	\$ 1,526.29	\$38,615
Other <sup>1</sup>	7092.3	\$ 1,224.00	\$3,765,217
<b>TOTAL</b>	<b>27974</b>	<b>\$ 1,224.00</b>	<b>\$34,226,955</b>

<sup>1</sup> Other Returns/Tons is the averaged amount

### Wine Varieties by Value



- Cabernet Sauvignon
- Sauvignon Blanc
- Zinfandel
- Petite Sirah
- Syrah
- Merlot
- Cabernet Franc
- Chardonnay
- Muscat Blanc
- White Riesling
- Malbec
- Petit Verdot
- Prinitivo
- Tempranillo
- Grenache
- Barbera
- Viognier
- Gewurztraminer
- Simillon
- Pinot Noir
- Other 1



## VEGETABLE CROPS

COMMODITY	YEAR	ACRES	VALUE
MISCELLANEOUS VEGETABLES <sup>1</sup>	<b>2008</b>	<b>35</b>	<b>\$219,767</b>
	2007	50	\$235,500
<sup>1</sup> INCLUDES PUMPKINS, BEANS, SWEET CORN, GARLIC, HERBS, PEAS, POTATOES, SQUASH, TOMATOES, ETC.			



## ORGANIC <sup>1</sup> FARMING STATISTICS

CROPS	NUMBER OF FARMS	ACRES	VALUE
WALNUTS	63	1,595.00	
WINE GRAPES	11	356.00	
MISCELLANEOUS VEGETABLES	9	25.00	
NURSERY	2	0.50	
PEARS	3	52.00	
MISCELLANEOUS FRUIT	2	10.00	
<b>TOTAL</b>	<b>90</b>	<b>2,038.50</b>	<b>\$2,331,562</b>
<sup>1</sup> REGISTERED ORGANIC WITH THE LAKE COUNTY AGRICULTURAL COMMISSIONER			



<b>FIELD AND SEED CROPS</b>					
<b>COMMODITY</b>	<b>YEAR</b>	<b>ACREAGE</b>	<b>UNIT</b>	<b>\$ / UNIT</b>	<b>VALUE</b>
IRRIGATED PASTURE	<b>2008</b>	<b>800</b>	<b>ACRE</b>	<b>\$ 100.00</b>	<b>\$80,000</b>
	2007	1,800	ACRE	\$ 100.00	\$180,000
RANGE	<b>2008</b>	<b>90,000</b>	<b>ACRE</b>	<b>\$ 5.00</b>	<b>\$450,000</b>
	2007	90,000	ACRE	\$ 5.00	\$450,000
MISCELLANEOUS	<b>2008</b>	<b>2,800</b>	<b>ACRE</b>		<b>\$1,454,500</b>
	2007	2,100	ACRE		\$1,636,375
INCLUDES WILD RICE, OAT HAY, ALFALFA, GRASS HAY					
TOTAL	<b>2008</b>	<b>93,600</b>			<b>\$1,984,500</b>
	2007	93,900			\$2,266,375



Wild Rice Harvest



## LIVESTOCK PRODUCTION

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT <sup>1</sup> (LIVE WT.)	\$ PER CWT	VALUE
CATTLE AND CALVES	<b>2008</b>	<b>2747</b>	<b>21976</b>	<b>\$ 84.62</b>	<b>\$1,859,600</b>
	2007	3151	25206	\$ 97.85	\$2,466,300
MISCELLANEOUS <sup>2</sup>	2008				<b>\$35,800</b>
	2007				\$46,237
TOTALS	<b>2008</b>				<b>\$1,895,400</b>
	<b>2007</b>				<b>\$2,512,537</b>
<sup>1</sup> CWT = 100 LBS					
<sup>2</sup> INCLUDES GOATS, SHEEP, HOGS, RABBITS AND MEAT CHICKENS.					

## LIVESTOCK AND POULTRY PRODUCTS

	YEAR	VALUE
MISCELLANEOUS <sup>1</sup>	<b>2008</b>	<b>\$250,739</b>
	2007	\$146,105

## TIMBER HARVEST <sup>1</sup>

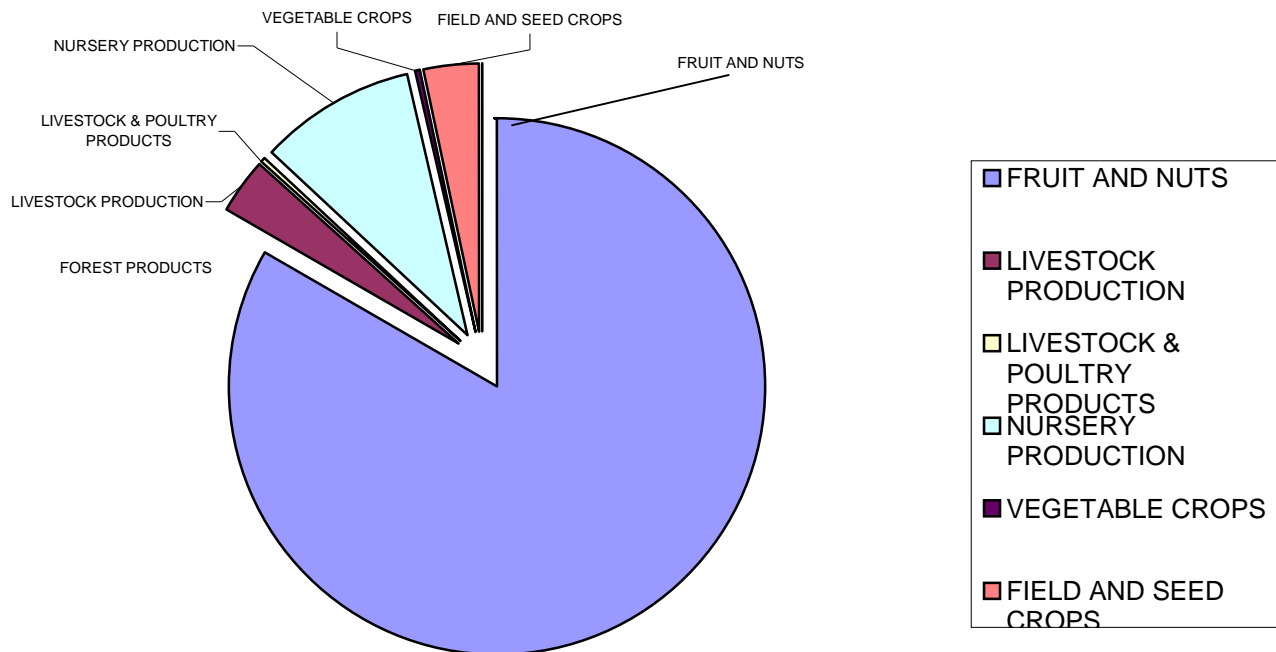
ITEM	YEAR	MBF <sup>2</sup>	VALUE <sup>3</sup>
Timber Yield	<b>2008</b>	<b>0.0</b>	<b>0</b>
	2007	3,684	\$ 802,700.00
<sup>1</sup> Values furnished by the California State Board of Equalization			
<sup>2</sup> Quantity of timber cut and scaled (Thousand Board Feet)			
<sup>3</sup> Value of timber immediately before cutting			



## SUMMARY OF PRODUCTION

COMMODITY	YEAR	VALUE
FRUIT AND NUTS	2008	<b>\$51,062,217</b>
	2007	\$61,595,000
LIVESTOCK PRODUCTION	2008	<b>\$1,895,400</b>
	2007	\$2,512,537
LIVESTOCK & POULTRY PRODUCTS	2008	<b>\$250,739</b>
	2007	\$146,105
NURSERY PRODUCTION	2008	<b>\$5,774,193</b>
	2007	\$5,112,004
VEGETABLE CROPS	2008	<b>\$219,767</b>
	2007	\$235,500
FIELD AND SEED CROPS	2008	<b>\$1,984,500</b>
	2007	\$2,266,375
FOREST PRODUCTS	2008	<b>\$0</b>
	2007	\$802,700
<b>GRAND TOTAL</b>	<b>2008</b>	<b>\$61,186,816</b>
	2007	\$72,670,221

Fruit and Nuts: Includes Grapes, Pears, Walnuts and Miscellaneous Fruit and Nuts



## 2008 AGRICULTURAL PRODUCTION BY COMMODITY



# SUSTAINABLE AGRICULTURE REPORT

## BIOLOGICAL CONTROL

BIOLOGICAL CONTROL IS THE DELIBERATE USE OF NATURAL ENEMIES TO SUPPRESS OR MANAGE PEST POPULATIONS AT ACCEPTABLE LEVELS.

PEST	AGENT / MECHANISM	SCOPE OF PROGRAM
BULL THISTLE	GALL FLY	2 SITES, UNKNOWN ESTABLISHMENT
ITALIAN THISTLE	SEED HEAD WEEVIL	GENERALLY DISTRIBUTED
KLAMATH WEED	KLAMATH WEED BEETLE	WIDELY DISTRIBUTED
YELLOW STARHISTLE	SEED HEAD WEEVIL	WIDELY DISTRIBUTED
	GALL FLY	2 SITES, UNKNOWN ESTABLISHMENT
	FLOWER WEEVIL	1 SITE
	HAIRY WEEVIL	BECOMING GENERALLY DISTRIBUTED
	PEACOCK FLY	GENERALLY DISTRIBUTED
	YST RUST	2 SITES
RED GUM LERP PSYLLID	WASP ( <i>Psyllaephagus bliteus</i> )	1 SITE, WELL ESTABLISHED
PUNCTURE VINE	STEM BORING WEEVIL	GENERALLY DISTRIBUTED

## PEST ERADICATION

THE FOLLOWING PESTS WERE UNDER ACTIVE CONTROL AND ERADICATION DURING THE YEAR: DALMATIAN TOADFLAX, SCOTCH THISTLE, PLUMELESS THISTLE, ARTICHOKE THISTLE, PURPLE STARHISTLE, OBLONG SPURGE, CANADA THISTLE, HYDRILLA\*, SKELETON WEED

## PEST EXCLUSION

PEST EXCLUSION INSPECTIONS ARE CONDUCTED DAILY

PACKAGES PROFILED	PACKAGES INSPECTED	PACKAGES REJECTED
2,676	561	1

## PEST DETECTION

### VINE MEALY BUG

TRAPS DEPLOYED	PROGRAM HOURS
125	310

### EXOTIC INSECT PESTS <sup>1</sup>

URBAN TRAPS	PROGRAM HOURS
291	1,545

<sup>1</sup> INCLUDES TRAPS FOR MEDITERRANEAN FRUIT, ORIENTAL FRUIT FLY, MELON FLY, GYPSY MOTH, AND JAPANESE BEETLE

### GLASSY-WINGED SHARPSHOOTER TRAPPING

URBAN TRAPS	NURSERY TRAPS	PROGRAM HOURS
103	17	680

### GLASSY-WINGED SHARPSHOOTER NURSERY SHIPMENT INSPECTIONS

NUMBER OF INSPECTIONS	PROGRAM HOURS
66	294.5

### LIGHT BROWN APPLE MOTH

TRAPS DEPLOYED	NURSERY TRAPS	PROGRAM HOURS
103	10	318.5

**LAKE COUNTY BOARD OF SUPERVISORS**

<b>JIM COMSTOCK</b>	<b>DISTRICT 1</b>
<b>JEFF SMITH</b>	<b>DISTRICT 2</b>
<b>DENISE RUSHING</b>	<b>DISTRICT 3</b>
<b>ANTHONY FARRINGTON</b>	<b>DISTRICT 4</b>
<b>ROB BROWN</b>	<b>DISTRICT 5</b>



Sunrise by Konocti

**AGRICULTURAL COMMISSIONER, SEALER OF WEIGHTS & MEASURES**

**STEVE HAJIK**

**DEPUTY AGRICULTURAL COMMISSIONER, WEIGHTS AND MEASURES INSPECTOR III**

**KRISTINE EUTENIER**

**AGRICULTURAL BIOLOGISTS, WEIGHTS AND MEASURES INSPECTORS**

**ANDREW TRITCHLER**  
**KATHERINE BLYLEVEN**

**SECRETARY**

**KRISTI ELSEMORE**

**FEDERAL WILDLIFE SERVICES STAFF**

**LARRY JOHNSON**  
**GREG WAMSLEY**

**AGRICULTURAL AIDES**

**LYNN EUTENIER**  
**STEVE WOODS**  
**ALICE McCOMBS**



**2008 LAKE COUNTY STAFF**

Lake County Staff: Upper Left to Right: Lynn Eutenier, Alice McCombs, Kristi Elsemore, Kris Eutenier, Steve Woods  
Lower Left to Right: Katherine Blyleven, Andrew Tritchler, Steve Hajik

The 2008 Crop Report salutes the County's Farmer's Markets and Certified Growers





2009

CROP REPORT

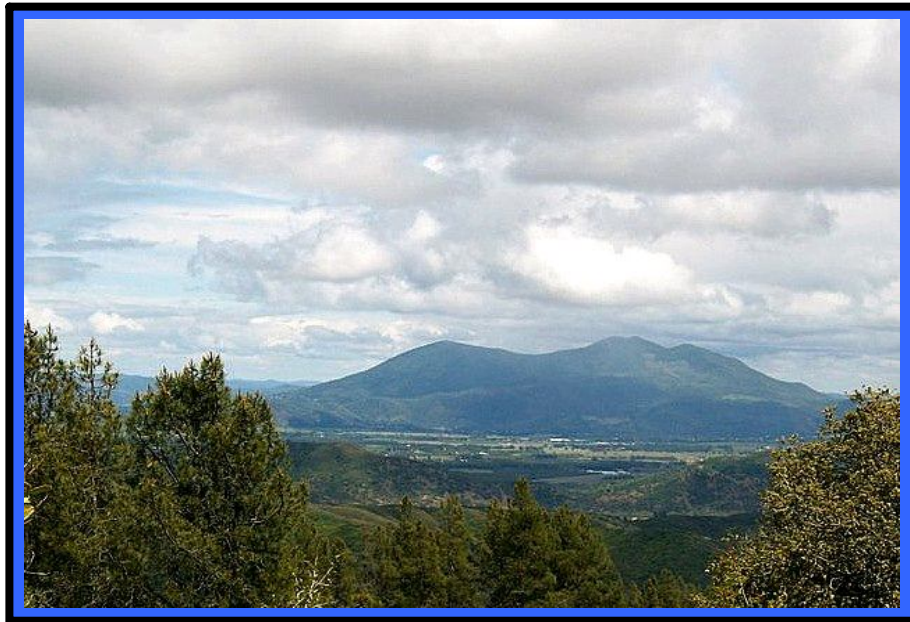
## FRUIT AND NUT CROPS

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (TONS)	YIELD (TONS / ACRE)	RETURNS \$ / TON <sup>1</sup>	GROSS VALUE <sup>1</sup>	BEARING ACRES
<b>WINE GRAPES</b>							
WHITES		2009	12,806	4.9	1,008 Avg	\$12,908,198	2,600
		2008	10,962	4.4	\$957	\$10,490,578	2,518
REDS		2009	18,817	3.6	\$1,357 Avg	\$25,542,222	5,115
		2008	17,011	3.1	\$1,395	\$23,736,377	5,486
<b>TOTAL ALL WINE GRAPES</b>		2009	<b>31,623</b>	<b>4.1</b>	<b>\$1,216 AVG</b>	<b>\$38,450,420</b>	<b>7,715</b>
		2008	27,973	3.5	\$1,224	\$34,226,955	8,004
<b>PEARS</b>							
BARTLETT <sup>2</sup> INCLUDING RED	FRESH	2009	17,219		\$640	\$11,020,160	
		2008	16,252		\$660	\$10,726,320	
	CANNERY	2009	14,786		\$239	\$3,533,854	
		2008	13,315		\$253	\$3,368,695	
	BABY FOOD	2009	<i>included in By-products</i>				
		2008	3,344		\$52	\$173,888	
	BY-PRODUCTS	2009* <sup>4</sup>	4,468		\$75	\$335,100	
		2008	2,542		\$37	\$94,054	
<b>TOTAL BARTLETT</b>		2009	<b>36,473</b>	17.55	408 avg	<b>\$14,889,114</b>	<b>2,078</b>
		2008	35,453	17.06	405 avg	\$14,362,957	2,078
WINTER <sup>2</sup> & ASIAN (INCLUDES BOSCO, COMICE, SECKEL)	FRESH	2009	1,929.99		\$796	\$1,536,272	
		2008	697		\$844	\$588,268	
	BY-PRODUCTS	2009	816.81		\$27	\$22,054	
		2008	88		\$44	\$3,872	
<b>TOTAL WINTER &amp; ASIAN</b>		2009	<b>2,746.80</b>	31.57	567 avg	<b>\$1,558,326</b>	<b>87</b>
		2008	785	9.02	754 avg	\$592,140	87
RED PEARS <sup>2</sup> OTHER THAN BARTLETT (STARKRIMSON)	FRESH	2009	597.35		\$661	\$394,848	
		2008	483		\$1,120	\$540,960	
	BY-PRODUCTS	2009	204.13		\$24	\$4,899	
		2008	138		\$92	\$12,696	
<b>TOTAL REDS</b>		2009	<b>801.48</b>	18.64	499 avg	<b>\$399,747</b>	<b>43</b>
		2008	621	14.44	892 avg	\$553,656	43
<b>TOTAL ALL PEARS</b>		2009	<b>40,021</b>	18.13		<b>\$16,847,187</b>	<b>2,208</b>
		2008	36,859	16.69		\$15,508,753	2,208
<b>WALNUTS</b>							
IRRIGATED WALNUTS		2009	785	0.6	\$1,820	\$1,428,700	858
		2008	381	0.4	\$1,950	\$742,950	952
NON-IRRIGATED WALNUTS		2009	523	0.4	\$1,820	\$951,860	1,742
		2008	259	0.18	\$1,950	\$505,050	1,698
<b>TOTAL ALL WALNUTS</b>		2009	<b>1,308</b>	<b>0.5</b>	<b>\$1,820</b>	<b>\$2,380,560</b>	<b>2,600</b>
		2008	640	0.28	\$1,950	\$1,248,000	2,650
<b>MISCELLANEOUS FRUITS &amp; NUTS</b>							
MISCELLANEOUS <sup>3</sup>		2009				\$55,870	71
		2008				\$78,509	35
<b>TOTAL ALL FRUIT AND NUTS</b>		2009				<b>\$57,734,037</b>	<b>12,594</b>
		2008				\$51,062,217	12,897
<sup>1</sup> THIS IS GROSS VALUE AND DOES NOT REPRESENT NET RETURN TO THE PRODUCER.							
<sup>2</sup> THIS IS THE FOB PRICE WHICH INCLUDES PROCESSING AND PACKING COSTS.							
<sup>3</sup> INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, AND OLIVES							
<sup>4</sup> Baby food was added into By-products in 2009, not a separate item							



FRUIT AND NUT ACREAGE					
CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL	
PEARS	BARTLETT	2,078	10	2,088	
	WINTER & ASIAN	87	0	87	
	REDS	43	0	43	
	<b>TOTAL</b>	<b>2,208</b>	<b>10</b>	<b>2,218</b>	
WINE GRAPES	WHITES	2,600	295	2895	
	REDS	5,115	202	5317	
	<b>TOTAL</b>	<b>7,715</b>	<b>497</b>	<b>8,212</b>	
WALNUTS		2,600	150	2,750	
MISCELLANEOUS <sup>1</sup>		71	25	96	
<b>TOTAL</b>		<b>12,594</b>	<b>909</b>	<b>13,276</b>	

<sup>1</sup> INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, DRIED FRUITS, OLIVES. ETC.



Mt. Konocti and the Big Valley Area

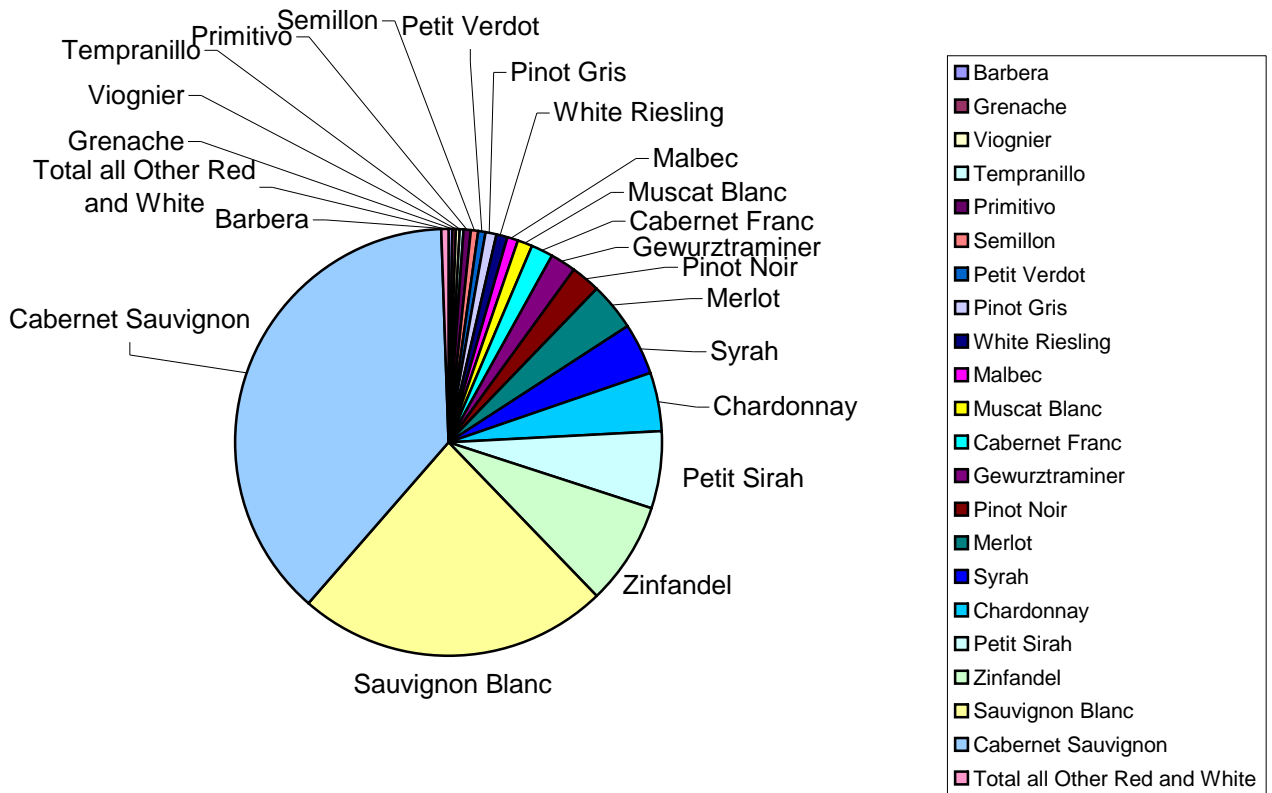
NURSERY PRODUCTION				
YEAR	GREENHOUSE SQ. FEET	FIELD ACRES	VALUE	
2009	76,350	73.5	\$ 3,533,133	
2008	77,750	60	\$ 5,774,193	



## TOP WINE VARIETIES BY VALUE

Variety	Production (Tons)	Returns / Ton	Gross Value
Barbera	54.2	\$1,212.45	\$65,714.79
Grenache	79.4	\$1,328.53	\$105,485.28
Viognier	126.9	\$1,038.73	\$131,814.84
Tempranillo	97.3	\$1,644.39	\$159,999.15
Primitivo	73.3	\$2,245.66	\$164,606.88
Semillon	181.1	\$1,305.28	\$236,386.21
Petit Verdot	152.5	\$1,592.13	\$242,799.83
Pinot Gris	292.2	\$1,000.00	\$292,200.00
White Riesling	242.7	\$1,236.98	\$300,215.05
Malbec	193.7	\$1,763.72	\$341,632.56
Muscat Blanc	338.5	\$1,273.25	\$430,995.13
Cabernet Franc	438.3	\$1,533.85	\$672,286.46
Gewurztraminer	446	\$1,550.00	\$691,300.00
Pinot Noir	297.3	\$2,899.89	\$862,137.30
Merlot	1384.5	\$1,012.38	\$1,401,640.11
Syrah	1451.4	\$1,021.19	\$1,482,155.17
Chardonnay	1531.1	\$1,139.94	\$1,745,362.10
Petit Sirah	1522.7	\$1,464.21	\$2,229,552.57
Zinfandel	2496.1	\$1,197.27	\$2,988,505.65
Sauvignon Blanc	9575.1	\$942.56	\$9,025,106.26
Cabernet Sauvignon	10,523.90	\$1,398.11	\$14,713,569.00
Total all Other Red and White	105.7	\$13,518.20	\$166,956.19
<b>Totals</b>	<b>31,603.90</b>	<b>AVG \$1,969.03</b>	<b>\$38,450,420</b>

### Variety by Value





## VEGETABLE CROPS

COMMODITY	YEAR	ACRES	VALUE
MISCELLANEOUS VEGETABLES <sup>1</sup>	2009	35	\$193,288
	2008	35	\$219,767
<small><sup>1</sup> INCLUDES PUMPKINS, BEANS, SWEET CORN, GARLIC, HERBS, PEAS, POTATOES, SQUASH, TOMATOES, ETC.</small>			



## ORGANIC <sup>1</sup> FARMING STATISTICS

CROPS	NUMBER OF FARMS	ACRES	VALUE
WALNUTS	62	1,746	
WINE GRAPES	14	336	
MISCELLANEOUS VEGETABLES	13	28	
NURSERY	2	1	
PEARS	4	82	
MISCELLANEOUS FRUIT	6	4	
FIELD, SEED AND PASTURE	2	12	
<b>TOTAL</b>	<b>103</b>	<b>2,209</b>	<b>\$2,912,266</b>
<small><sup>1</sup> REGISTERED ORGANIC WITH THE LAKE COUNTY AGRICULTURAL COMMISSIONER</small>			



<b>FIELD AND SEED CROPS</b>					
<b>COMMODITY</b>	<b>YEAR</b>	<b>ACREAGE</b>	<b>UNIT</b>	<b>\$ / UNIT</b>	<b>VALUE</b>
IRRIGATED PASTURE	<b>2009</b>	<b>800</b>	<b>ACRE</b>	<b>\$ 100.00</b>	<b>\$80,000</b>
	2008	800	ACRE	\$ 100.00	\$80,000
RANGE	<b>2009</b>	<b>90,000</b>	<b>ACRE</b>	<b>\$ 4.50</b>	<b>\$405,000</b>
	2008	90,000	ACRE	\$ 5.00	\$450,000
MISCELLANEOUS <sup>1</sup>	<b>2009</b>	<b>3172</b>	<b>ACRE</b>	<b>\$ 358.00</b>	<b>\$1,135,576</b>
	2008	2,800	ACRE	\$ 519.00	\$1,453,200
<sup>1</sup> INCLUDES WILD RICE, OAT HAY, ALFALFA, GRASS HAY					
TOTAL	<b>2009</b>	<b>93,972</b>	<b>ACRE</b>		<b>\$1,620,576</b>
	2008	93,600	ACRE		\$1,984,500





OLD PHOTOS OF LAKE COUNTY

Date From 1938 -1960's



Weed Control Unknown Date



Steaming Pear Trees for Codling Moth 1938?



Aerial Spraying



Clear Lake



Kelseyville Pear Orchards, 1960's?



Big Valley, Kelseyville Area 1960?



Ag. Dept. Weed Control, 1960's

## LIVESTOCK PRODUCTION

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT <sup>1</sup> (LIVE WT.)	\$ PER CWT	VALUE
CATTLE AND CALVES	<b>2009</b>	<b>2,797</b>	<b>22,376</b>	<b>\$ 84.68</b>	<b>\$1,894,800</b>
	2008	2,747	21,976	\$ 84.62	\$1,859,600
MISCELLANEOUS <sup>2</sup>	<b>2009</b>				<b>\$35,856</b>
	2008				\$35,800
TOTALS	<b>2009</b>				<b>\$1,971,212</b>
	2008				\$1,895,400
<sup>1</sup> CWT = 100 LBS					
<sup>2</sup> INCLUDES GOATS, SHEEP, HOGS, RABBITS AND MEAT CHICKENS.					

## LIVESTOCK AND POULTRY PRODUCTS

	YEAR		VALUE
MISCELLANEOUS <sup>1</sup>	<b>2009</b>		<b>\$101,715</b>
	<b>2008</b>		<b>\$250,739</b>

<sup>1</sup> Includes Eggs, Cheese, Wool and Manure

## TIMBER HARVEST <sup>1</sup>

ITEM	YEAR	MBF <sup>2</sup>	VALUE <sup>3</sup>
Timber Yield	<b>2009</b>	<b>0</b>	<b>0</b>
	<b>2008</b>	<b>0</b>	<b>0</b>
<sup>1</sup> Values furnished by the California State Board of Equalization			
<sup>2</sup> Quantity of timber cut and scaled (Thousand Board Feet)			
<sup>3</sup> Value of timber immediately before cutting			



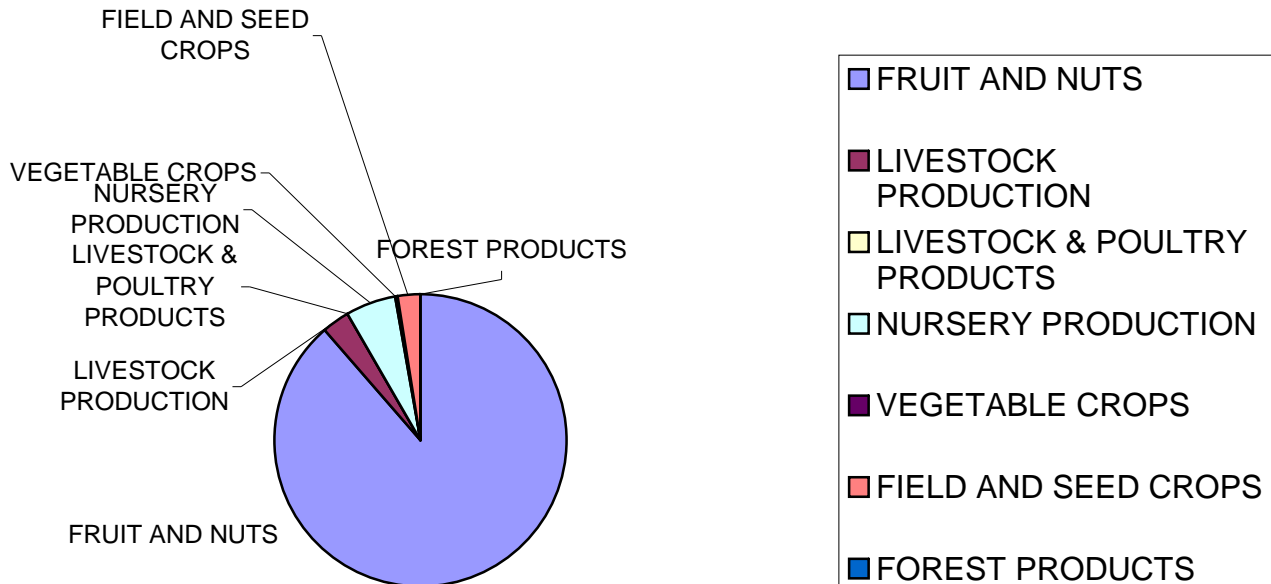


## SUMMARY OF PRODUCTION

COMMODITY	YEAR	VALUE
FRUIT AND NUTS	<b>2009</b>	<b>\$57,734,037</b>
	2008	\$51,062,217
LIVESTOCK PRODUCTION	<b>2009</b>	<b>\$1,971,212</b>
	2008	\$1,895,400
LIVESTOCK & POULTRY PRODUCTS	<b>2009</b>	<b>\$101,715</b>
	2008	\$250,739
NURSERY PRODUCTION	<b>2009</b>	<b>\$3,533,133</b>
	2008	\$5,774,193
VEGETABLE CROPS	<b>2009</b>	<b>\$193,288</b>
	2008	\$219,767
FIELD AND SEED CROPS	<b>2009</b>	<b>\$1,620,576</b>
	2008	\$1,984,500
FOREST PRODUCTS	<b>2009</b>	<b>\$0</b>
	2008	\$0
<b>GRAND TOTAL</b>	<b>2009</b>	<b>\$65,153,961</b>
	2008	\$61,186,816

Fruit and Nuts: Includes Grapes, Pears, Walnuts and Miscellaneous Fruit and Nuts

### Summary of Production



# SUSTAINABLE AGRICULTURE REPORT

## BIOLOGICAL CONTROL

BIOLOGICAL CONTROL IS THE DELIBERATE USE OF NATURAL ENEMIES TO SUPPRESS OR MANAGE PEST POPULATIONS AT ACCEPTABLE LEVELS.

PEST	AGENT / MECHANISM	SCOPE OF PROGRAM
BULL THISTLE	GALL FLY	2 SITES, UNKNOWN ESTABLISHMENT
ITALIAN THISTLE	SEED HEAD WEEVIL	GENERALLY DISTRIBUTED
KLAMATH WEED	KLAMATH WEED BEETLE	WIDELY DISTRIBUTED
YELLOW STAR THISTLE	SEED HEAD WEEVIL	WIDELY DISTRIBUTED
	GALL FLY	2 SITES, UNKNOWN ESTABLISHMENT
	FLOWER WEEVIL	1 SITE
	HAIRY WEEVIL	BECOMING GENERALLY DISTRIBUTED
	PEACOCK FLY	GENERALLY DISTRIBUTED
YELLOW STAR THISTLE RUST		2 SITES
RED GUM LERP PSYLLID	WASP ( <i>Psyllaephagus bliteus</i> )	1 SITE, WELL ESTABLISHED
PUNCTURE VINE	STEM BORING WEEVIL	GENERALLY DISTRIBUTED

## PEST ERADICATION

THE FOLLOWING PESTS WERE UNDER ACTIVE CONTROL AND ERADICATION DURING THE YEAR: DALMATIAN TOADFLAX, SCOTCH THISTLE, PLUMELESS THISTLE, ARTICHOKE THISTLE, PURPLE STAR THISTLE, OBLONG SPURGE, CANADA THISTLE, HYDRILLA\*, SKELETON WEED

(Hydrilla is a CDFA program supported by the Lake County Agriculture Department.)

## PEST EXCLUSION

PEST EXCLUSION INSPECTIONS ARE CONDUCTED DAILY

PACKAGES PROFILED	PACKAGES INSPECTED	PACKAGES REJECTED
2,252	683	0

## PEST DETECTION

### VINE MEALY BUG

TRAPS DEPLOYED	PROGRAM HOURS
130	178.5

### EXOTIC INSECT PESTS <sup>1</sup>

URBAN TRAPS	PROGRAM HOURS
294	991

<sup>1</sup> INCLUDES TRAPS FOR MEDITERRANEAN FRUIT FLY, ORIENTAL FRUIT FLY, MELON FLY, GYPSY MOTH, AND JAPANESE BEETLE

### GLASSY-WINGED SHARPSHOOTER TRAPPING

URBAN TRAPS	NURSERY TRAPS	PROGRAM HOURS
103	24	613.5

### GLASSY-WINGED SHARPSHOOTER NURSERY SHIPMENT INSPECTIONS

NUMBER OF INSPECTIONS	PROGRAM HOURS
70	161

### LIGHT BROWN APPLE MOTH

TRAPS DEPLOYED	NURSERY TRAPS	PROGRAM HOURS
103	20	187.5



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Lake County Staff: Upper Left to Right: Lynn Eutenier, Alice McCombs, Kristi Elsemore, Kris Eutenier, Steve Woods  
Lower Left to Right: Katherine Blyleven, Andrew Tritchler, Steve Hajik