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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 August 29, 2006
California Department of Food and Agriculture
And
The Honorable Board of Supervisors of Lake County

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

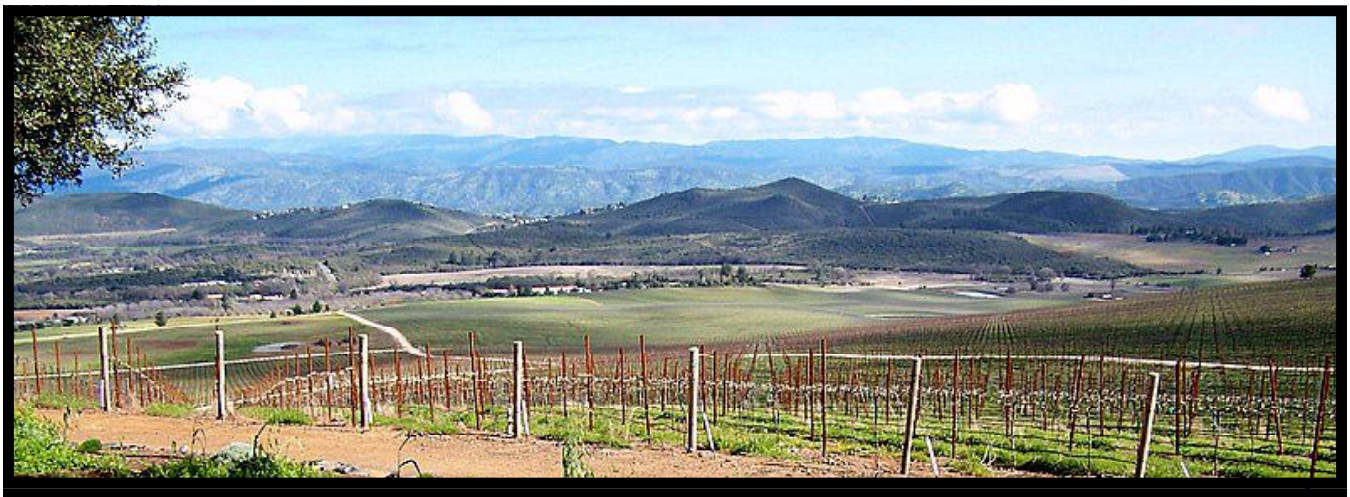
COMMODITY	MARKET TYPE	YEAR	PRODUCTION (Tons)	YIELD (Tons/Acre)	RETURNS $/Ton[1]	GROSS VALUE[1]	BEARING ACRES
WINE GRAPES							
Whites		2005	11,882	5.1	$842	$10,008,900	2,314
		2004	9,620	4.3	$822	$7,911,244	2,256
Reds		2005	20,113	3.9	$1,399	$28,140,200	5,204
		2004	18,252	3.8	$1,306	$23,839,411	4,820
TOTAL ALL WINE GRAPES		**2005**	**31,995**	**4.3**	**$1,192**	**$38,149,100**	**7,518**
		2004	**27,872**	**3.9**	**$1,139**	**$31,751,000**	**7,076**
PEARS							
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[2]	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
TOTAL ALL PEARS		**2005**	**30,390**	**12.2**	**$423**	**$12,864,000**	**2,482**
		2004	**49,518**	**19.4**	**$360**	**$17,830,000**	**2,557**
WALNUTS							
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
TOTAL ALL WALNUTS		**2005**	**823**	**0.31**	$1,756	**$1,445,700**	**2,695**
		2004	**2,084**	**0.77**	**$1,243**	**$2,590,900**	**2,706**
MISCELLANEOUS FRUITS & NUTS							
MISCELLANEOUS FRUITS & NUTS[3]		**2005**				**$142,241**	**86**
		2004				**$244,000**	**218**
TOTAL ALL FRUIT		**2005**				**$52,601,000**	**12,781**
		2004				**$52,416,000**	**12,557**

[1]This is gross value and does not represent net return to the producer.

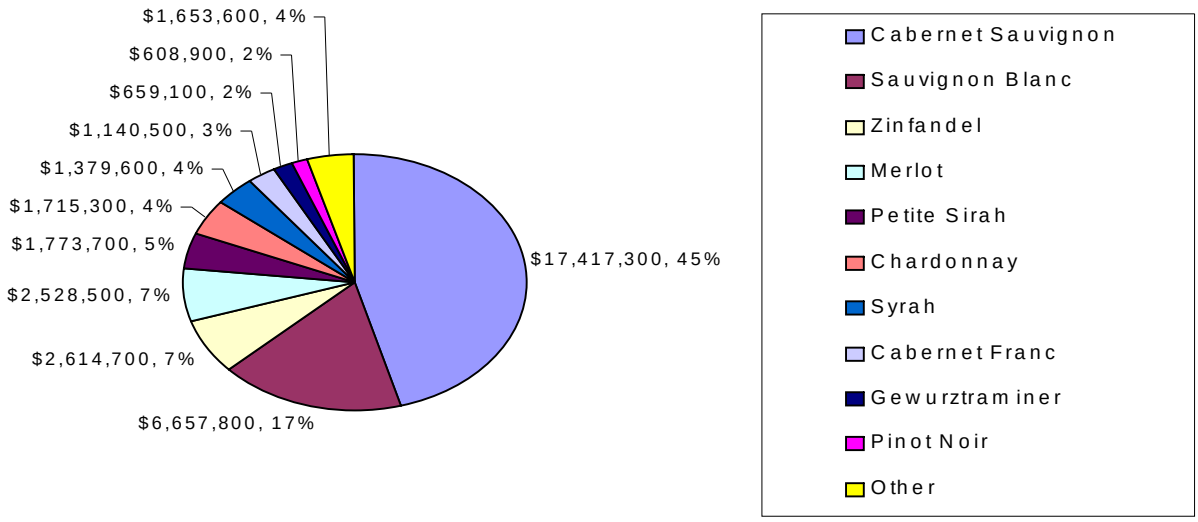
CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
PEARS	BARTLETT	2,330	0	2,330
	WINTER & ASIAN	104	3	107
	REDS	48	0	48
	TOTAL	**2,482**	**3**	**2,485**
WINE GRAPES	WHITES	2,314	433	2,747
	REDS	5,204	578	5,782
	TOTAL	**7,518**	**1,011**	**8,529**
WALNUTS		2,695	77	2,772
MISCELLANEOUS[1]		86		86
TOTAL		**12,781**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

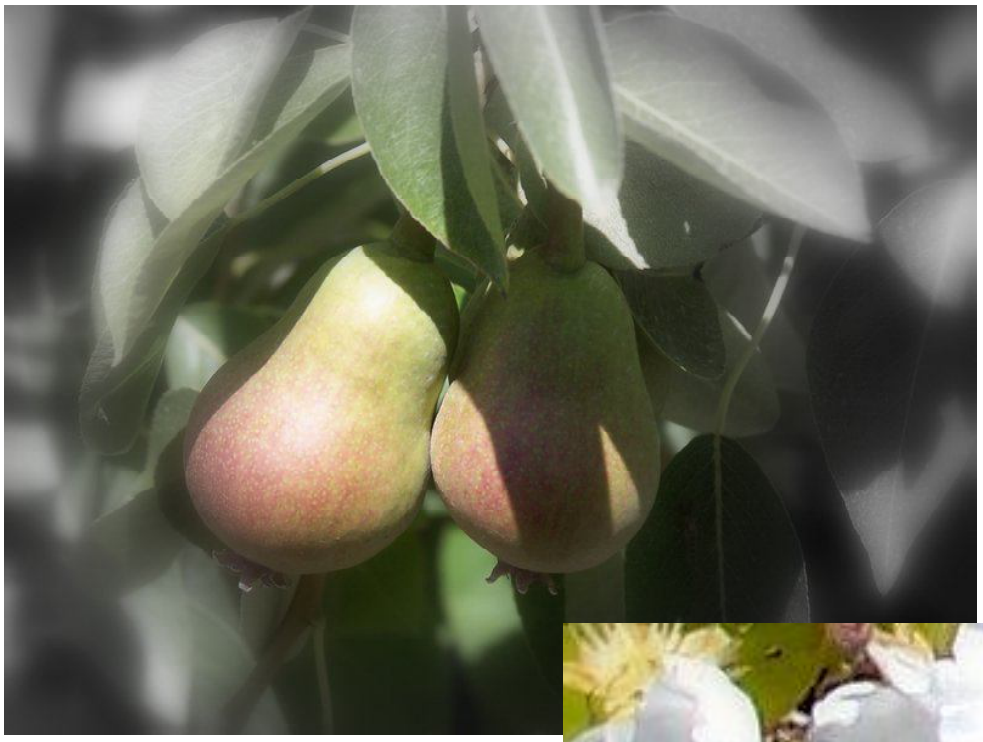
[1]Includes apples, peaches, strawberries, melons, dried fruits, olives, etc.

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





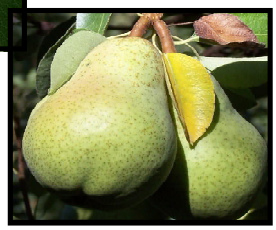
The Life of a Lake County Pear
From Blossom to Market

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 BETWEEN 18 AND 20 LBS, AND SUGAR IS AROUND 10 PERCENT BRIX,
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 forground

Weed spraying

Aerial Spraying of Pears, Walnuts

Original Agricultural Office in Kelseyville

New Agricultural Office in Lakeport, 1973-4
Don Eutenier, Farmer and Pres. of Farm Bureau (doing the ribbon cutting).
Junior Wilds, Farmer and Supervisior, (white jacket, in front)
Chet Hemstreet, Farm Advisor (back right)
Charles Geoble, Agricultural Commissioner (back left)

Weed Spraying by Agricultural Dept. 1960's

1938 Laughin Place, steaming pear trees for coddling moth larvae

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[1]	2005	76,000	85	$3,644,400
	2004	70,800	78	$4,124,100

[1]Includes turf and cut flowers

ITEM	YEAR	MBF[2]	VALUE[3]
Timber Yield	2005	100	$29,520
	2004	486	$62,530

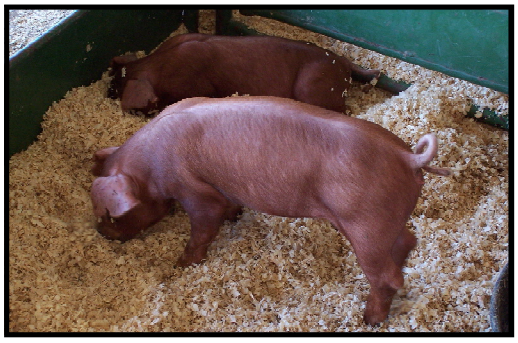
[1]Values furnished by the California State Board of Equalization
[2]Quantity of timber cut and scaled (Thousand Board Feet)
[3]Value of timber immediately before cutting

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[1]	2005	3,624	Acre		$1,398,058
	2004	2,874	Acre		$1,450,000
TOTALS	**2005**	**95,624**			**$2,268,058**
	2004	**96,068**			**$2,320,000**

[1]Includes alfalfa, oat hay, grass hay, wild rice.

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT[1] (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[2]	2005				$45,946
	2004				$80,900
TOTALS	2005				**$2,665,000**
	2004				**$2,891,000**

[1]CWT = 100 lbs.
[2]Includes goats, sheep, hogs, and rabbits.



COMMODITY	YEAR	$ VALUE
MISCELLANEOUS[1]	2005	$152,510
	2004	$145,800
[1]Includes apiary, eggs, cheese, and wool		

COMMODITY	YEAR	ACRES	VALUES
Miscellaneous Vegetables[1]	2005	21	$182,323
	2004	50	$200,000

[1]Includes pumpkins, beans, sweet corn, garlic, herbs, peas, potatoes, squash, tomatoes, etc.

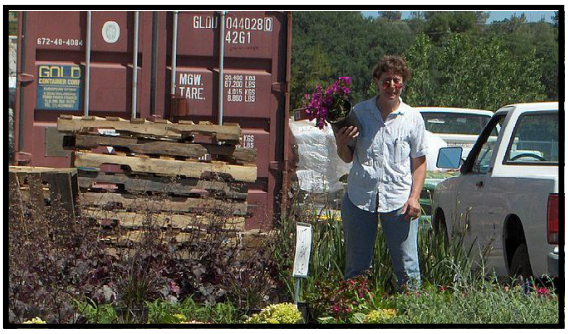
TRAPS DEPLOYED	PROGRAM HOURS
85	612 (Up 250%)

URBAN TRAPS	PROGRAM HOURS
302	1595 (Up 40%)

[1]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
	YST Rust	2 Sites
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, 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

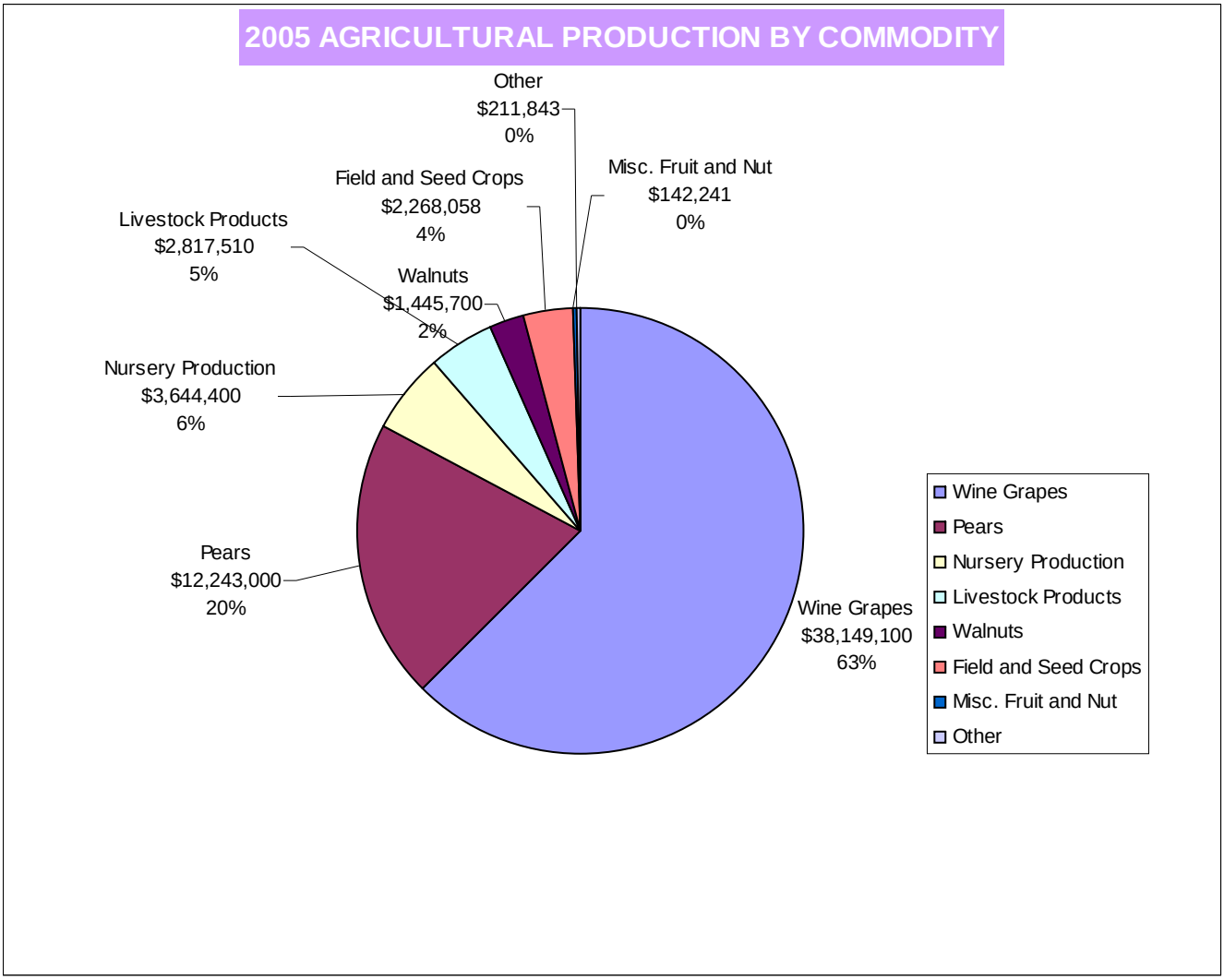
Pest exclusion inspections are conducted daily at Post Offices and the U.P.S. terminal

PACKAGES PROFILED	PACKAGES INSPECTED	PACKAGES REJECTED
2579	590	0

ORGANIC[1] 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
TOTAL	111	2248

[1]Registered organic with the Lake County Agricultural Commissioner



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
GRAND TOTAL	**2005**	**$61,542,811**
	2004	**$61,516,000**

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

Marcy Harrison, Secretary
Tonja Dailey, Office Assistant

AGRICULTURAL AIDES

Lynn Eutenier
Kristi Bloomquist

FEDERAL WILDLIFE SERVICES STAFF

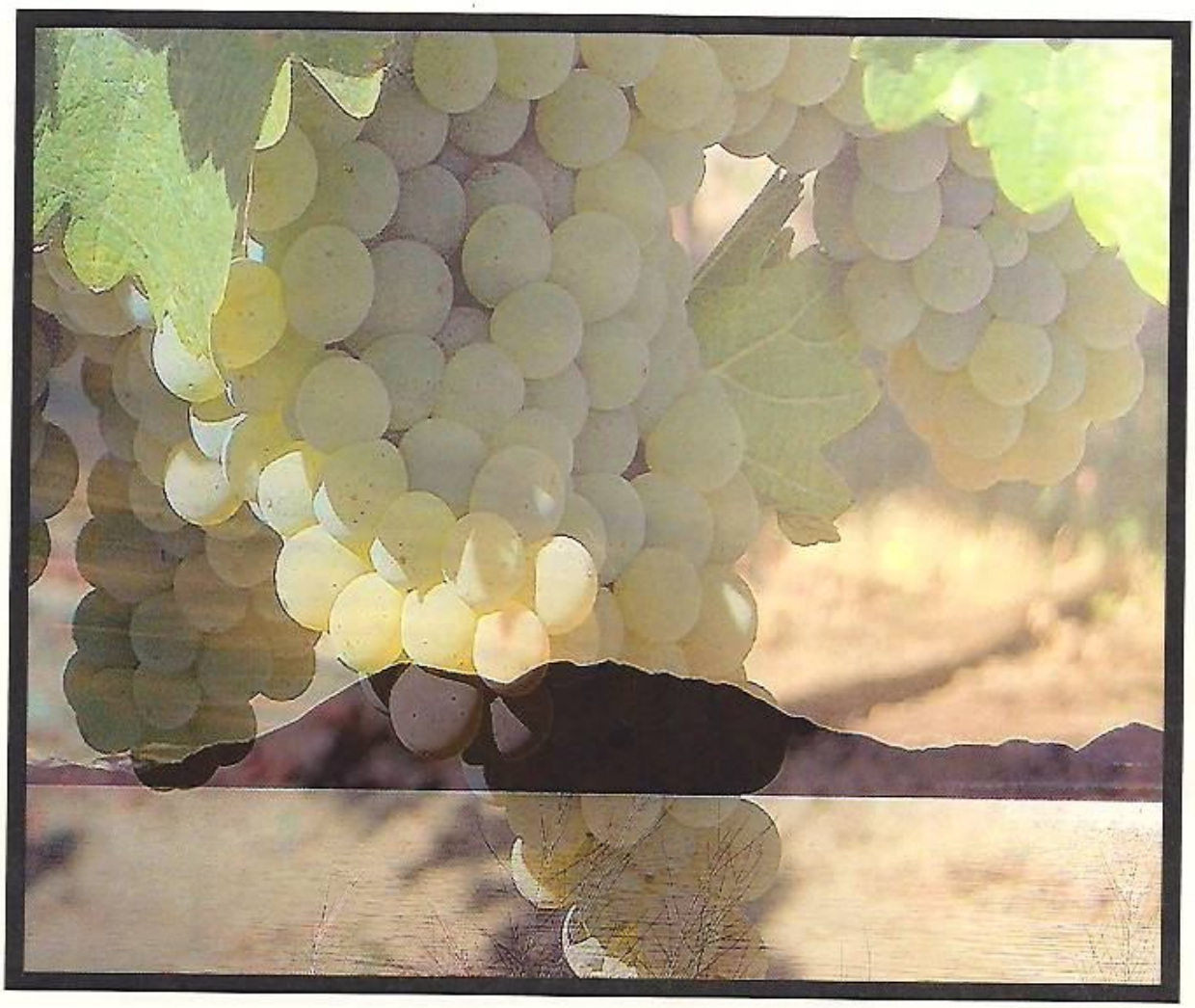
Scott Young
Greg Wamsley

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

Steve Hajik
Agricultural Commissioner

FRUIT AND NUT CROPS

COMMODITY	MARKET TYPE	YEAR	PRODUCTION TONS	YIELD TONS / ACRE	RETURNS $ / TON [1]	GROSS VALUE [1]	BEARING ACRES
WINE GRAPES							
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
PEARS							
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 [2]	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 BOSC, 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 [4]		2006	38,635	17.2	$327	$12,617,000	2,240
		2005	30,390	12.2	$423	$12,864,000	2,482
WALNUTS							
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
MISCELLANEOUS FRUITS & NUTS							
MISCELLANEOUS [3]		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

[1] THIS IS GROSS VALUE AND DOES NOT REPRESENT NET RETURN TO THE PRODUCER.

[2] INCLUDES DRIED PEARS [3] INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, AND DRIED FRUITS

[4] BASED ON CROP ESTIMATE, ABOUT 25% WAS NOT HARVESTED DUE TO LACK OF LABOR

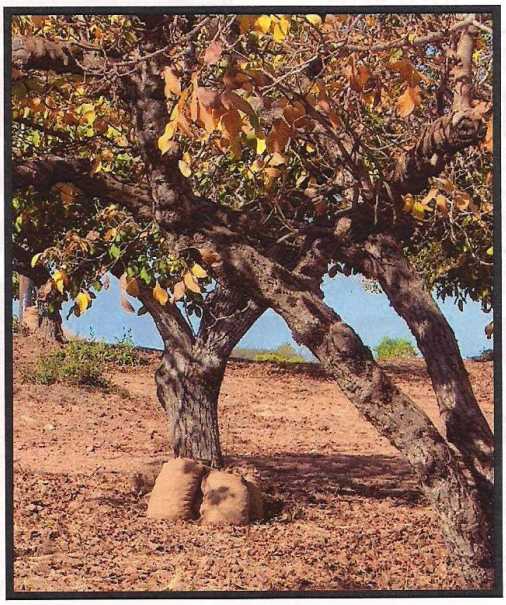
FRUIT AND NUT ACREAGE

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

[1] INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, DRIED FRUITS, OLIVES, ETC.

Bartlett Pear Blossoms

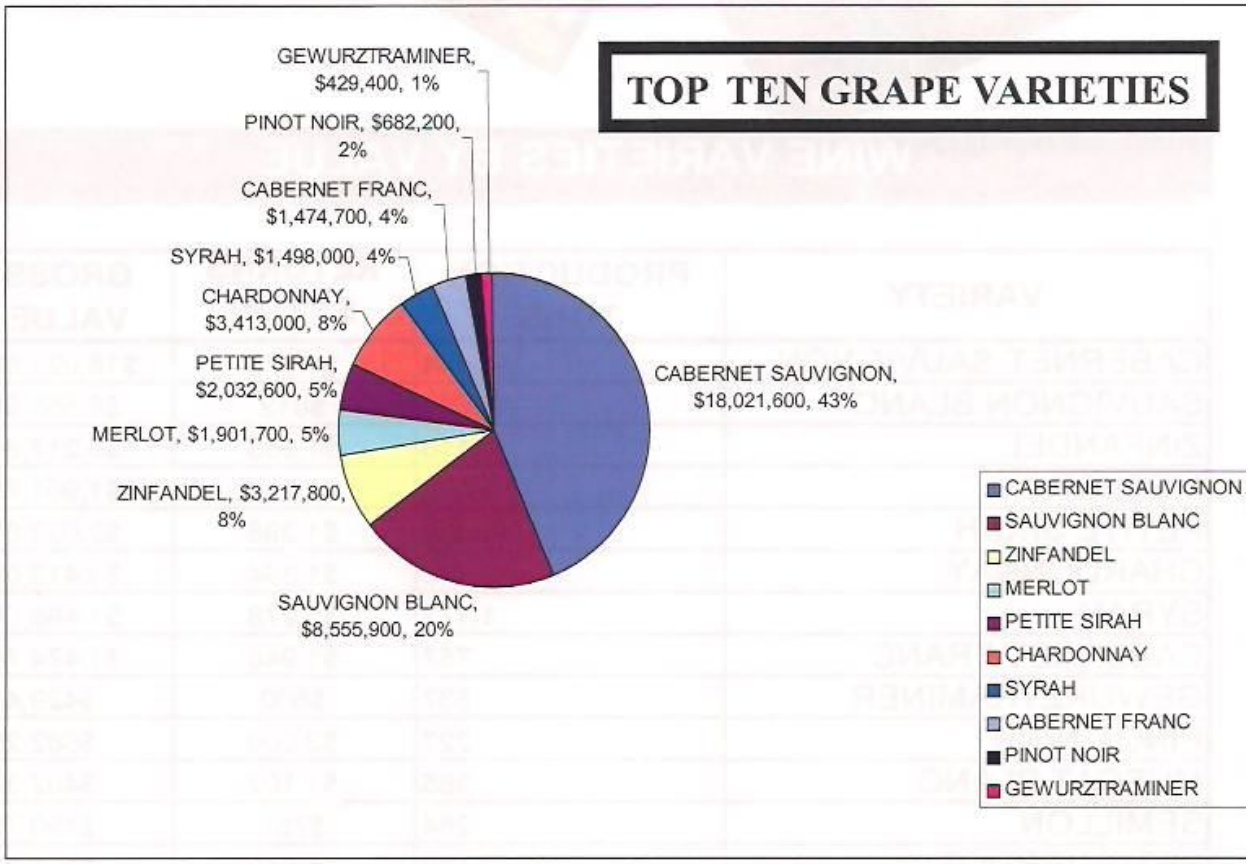
Harvested Walnuts
ready for transport to dryer



WINE VARIETIES BY VALUE

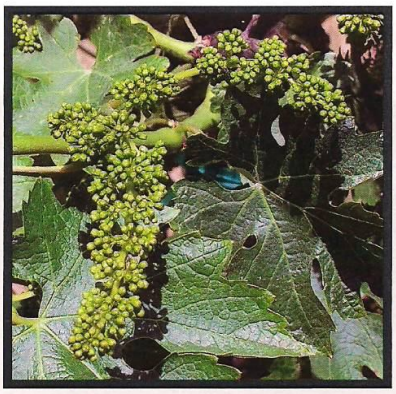
VARIETY	PRODUCTION TONS	RETURNS $ / TON	GROSS VALUE
CABERNET SAUVIGNON	11,444	$1,575	$18,021,600
SAUVIGNON BLANC	10,531	$812	$8,555,900
ZINFANDEL	3,116	$1,033	$3,217,800
MERLOT	1,572	$1,210	$1,901,700
PETITE SIRAH	1,454	$1,398	$2,032,600
CHARDONNAY	2,448	$1,394	$3,413,000
SYRAH	1,172	$1,278	$1,498,000
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
TOTAL	35,153	$1,229	$43,204,600

Vineyard at the foot of Mount Konocti

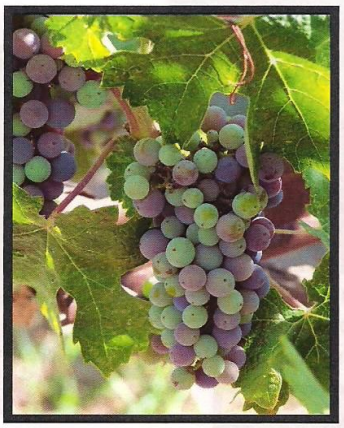


Fall vineyard, above Red Hills

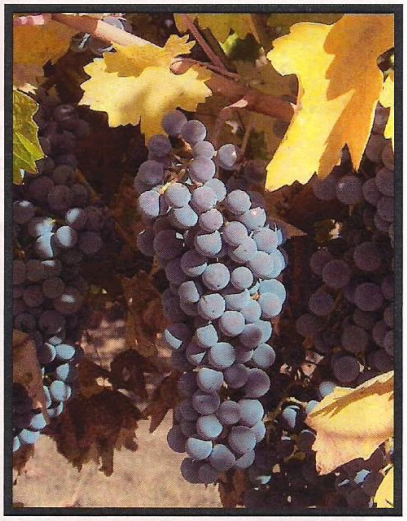
STAGES OF GRAPE DEVELOPMENT



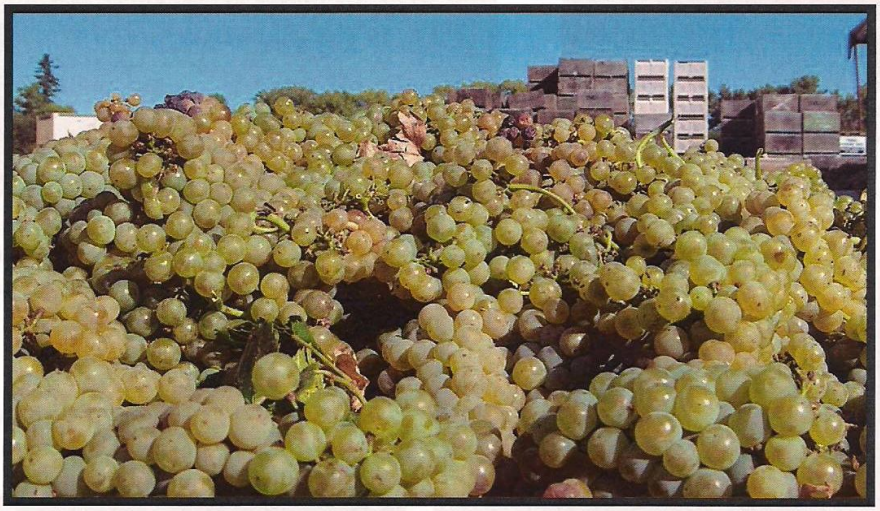
Berry Set



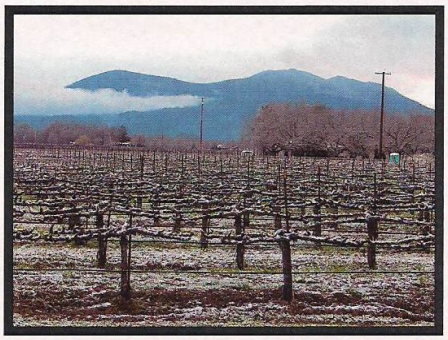
Veraison



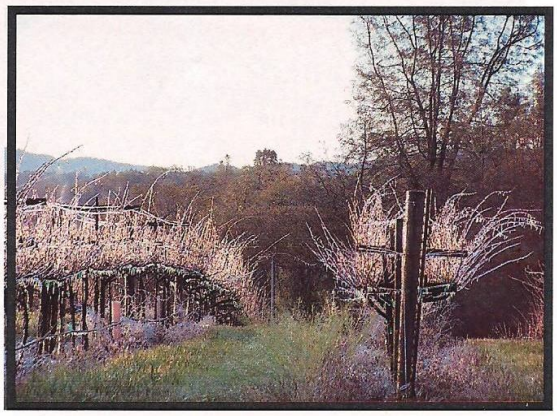
Maturity



Harvest

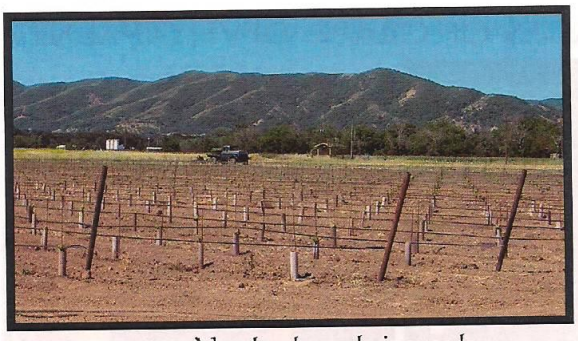


Winter Time Dormant

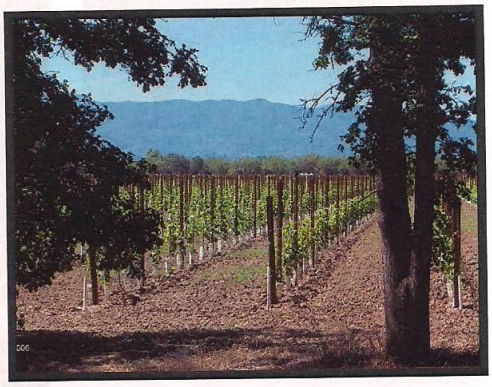


Frost Protection

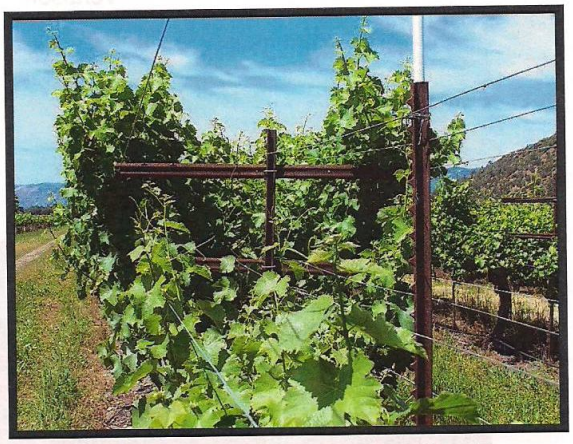
VINEYARD CARE



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



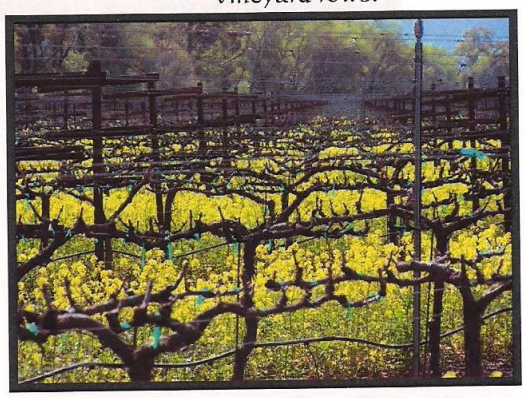
Vines are pruned during the winter and early spring.



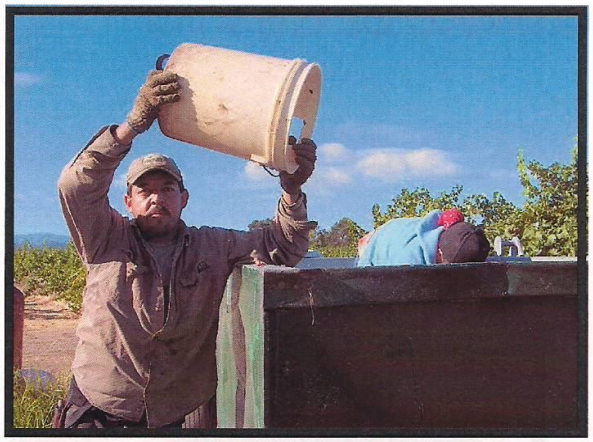
One type of trellis: this system allows more sunlight into the center of the canopy.

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

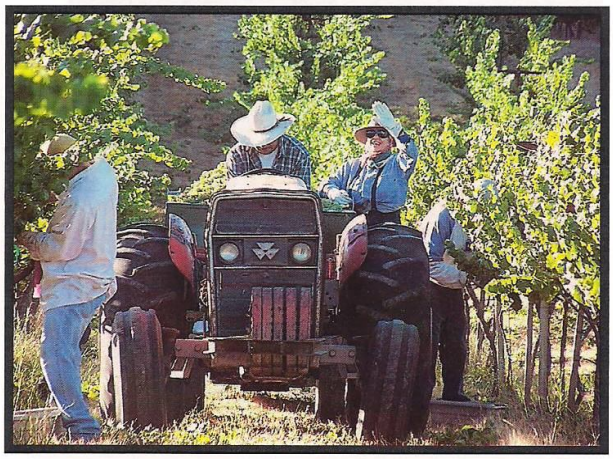
During the Spring, mustard or other cover crops grow in the vineyard rows.



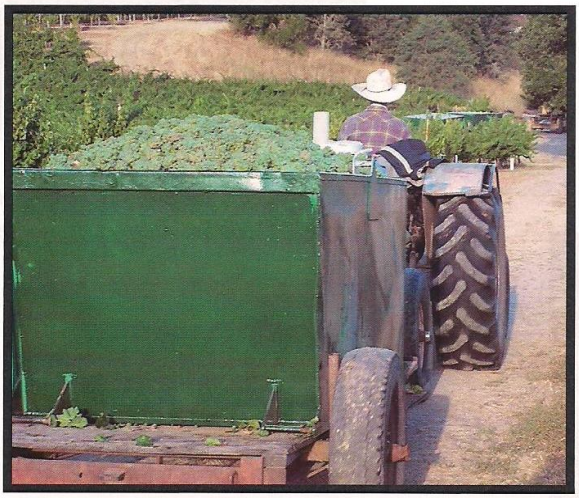
HARVEST



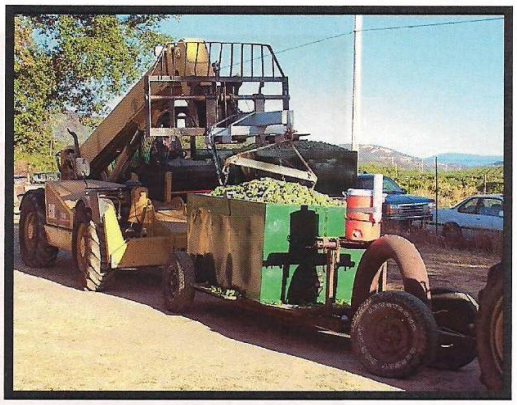
Grapes are handpicked and loaded in gondolas.



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

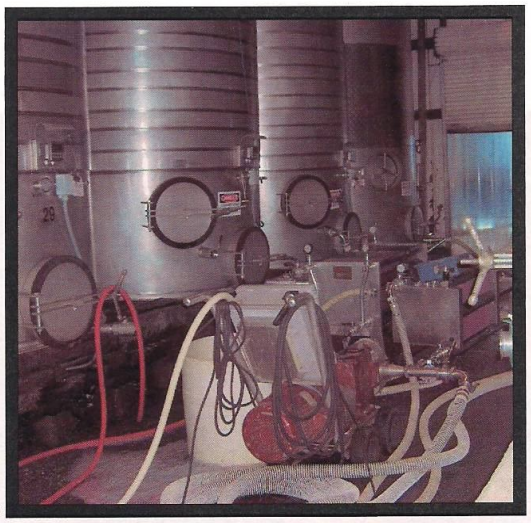


Fully loaded gondola goes to the loading area.

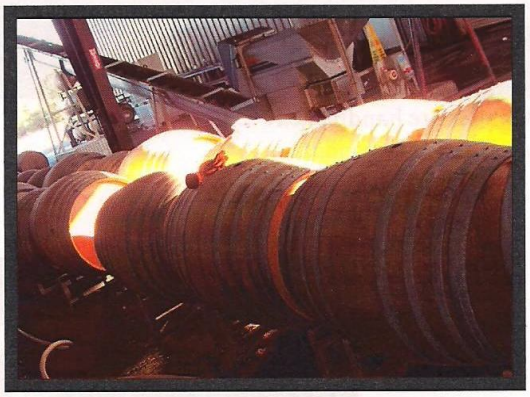


Loading gondolas for delivery to the winery

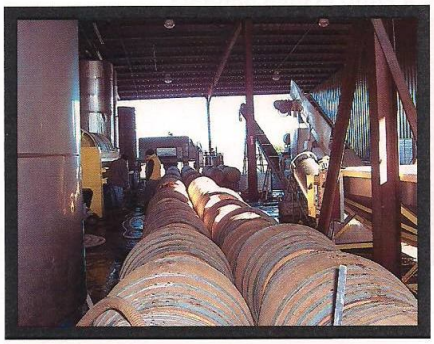
MAKING OF THE WINE

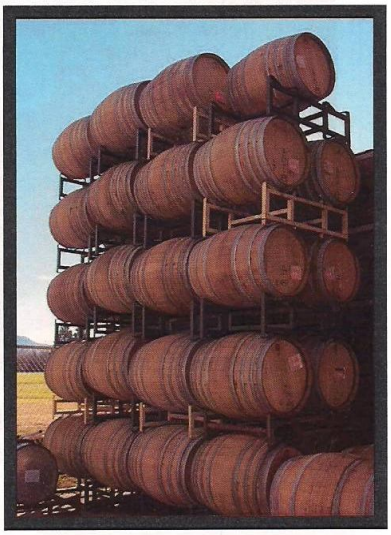


Cooled tanks, with a filtering system where yeast is added . Then futher filtering and aging takes place. Some wines are kept in the steel tanks until ready for bottling.



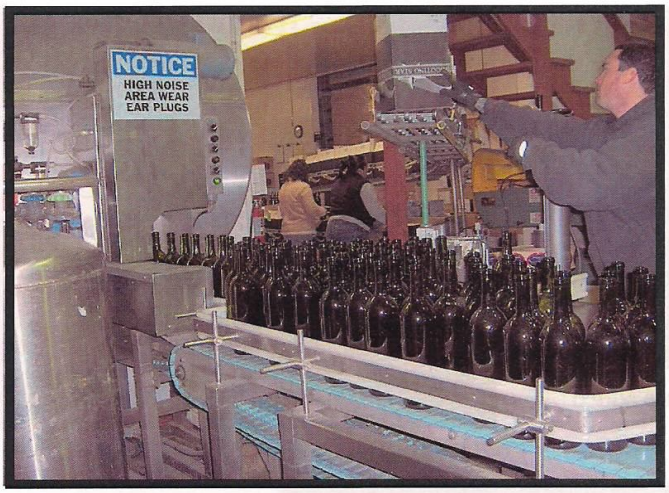
Mostly reds are aged in oak barrels, but some whites are also given some time in oak.



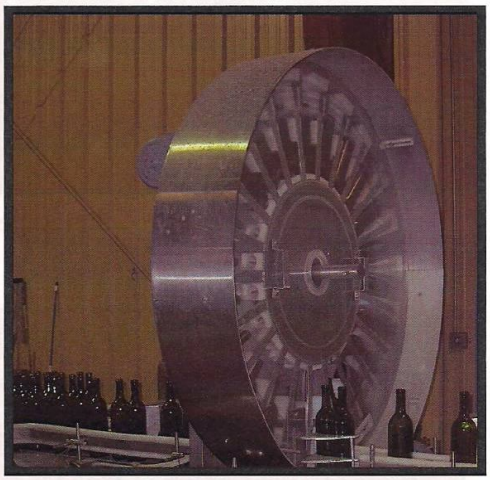


Barrels waiting to be filled

THE BOTTLING LINE

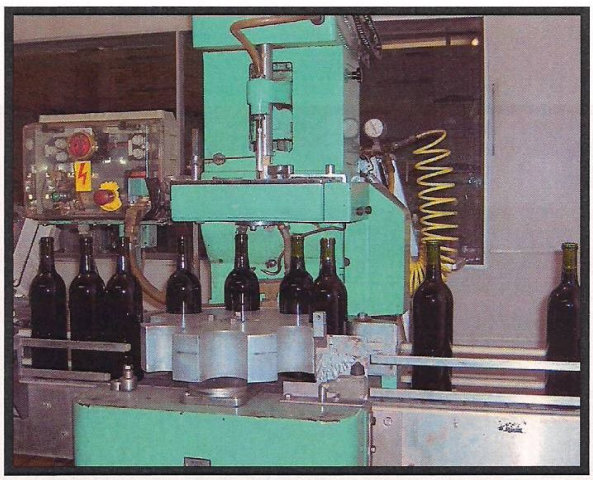


New bottles are taken fromthe boxes and loaded on the belt at the beginning of the bottling line.

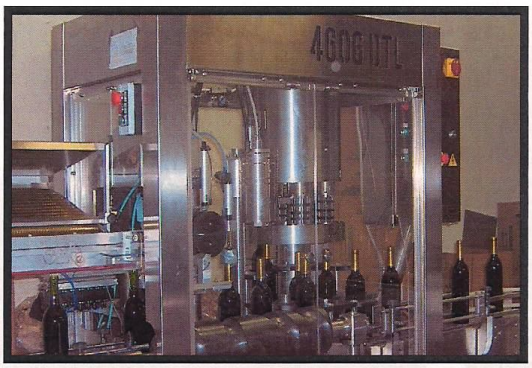


Empty bottles are being cleaned and readied for filling.

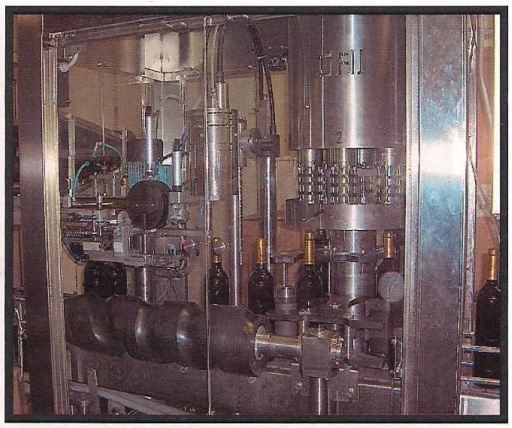
Bottles being filled with wine



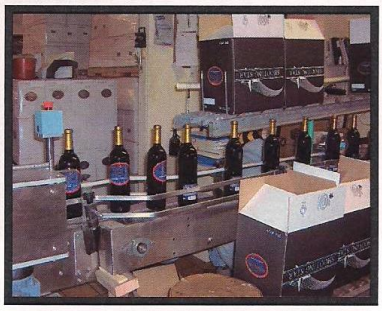
Corks being put in filled bottles



Foil covers are added



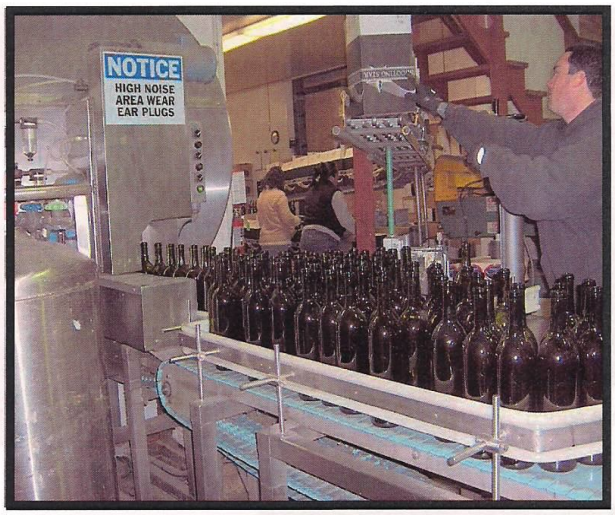
Labels
finish the bottling
task



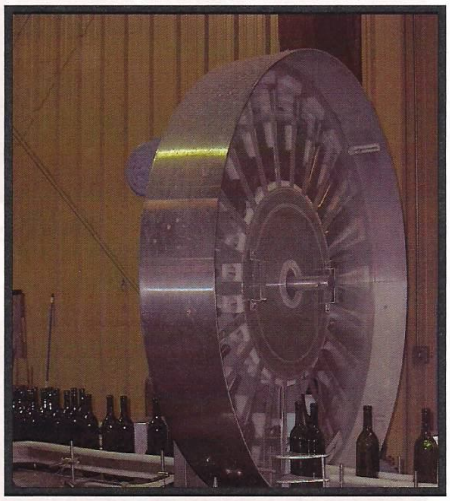
Filled and finished bottles
head back to waiting boxes

Finished product
on display
ready for purchase

THE BOTTLING LINE



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



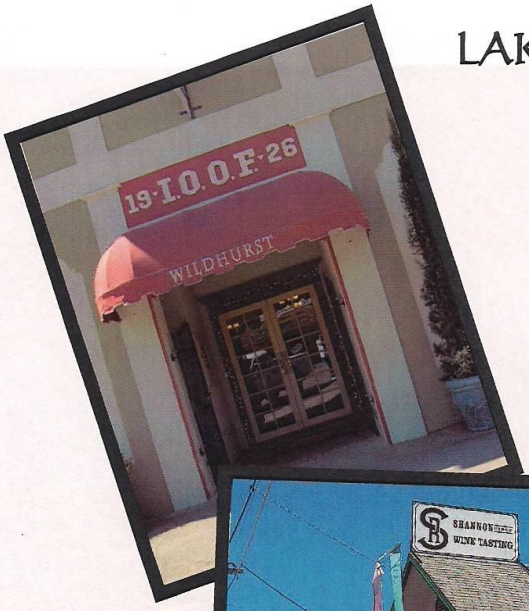
Empty bottles are being cleaned and readied for filling.

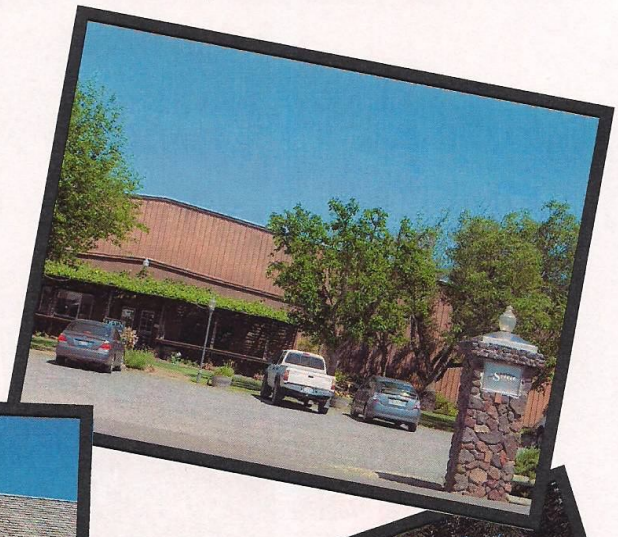
Bottles being filled with wine

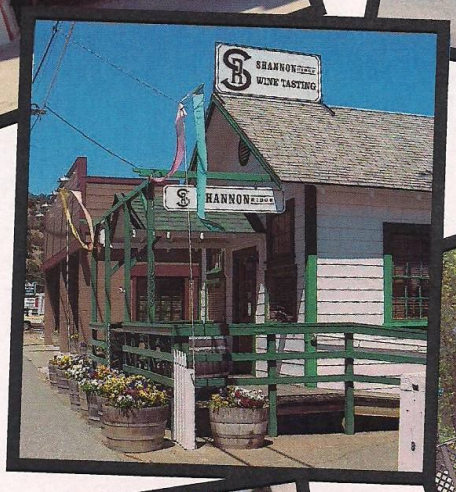
Corks being put in filled bottles

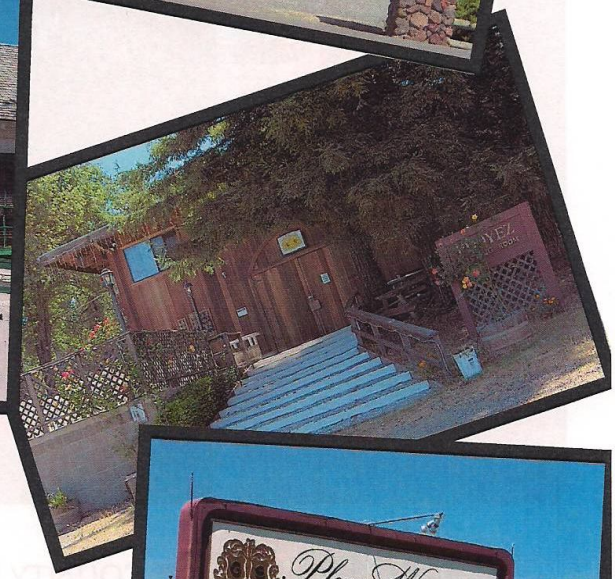
LAKE COUNTY WINES OF 2006
PRESENTED BY WINERIES USING ALL LAKE COUNTY GRAPES

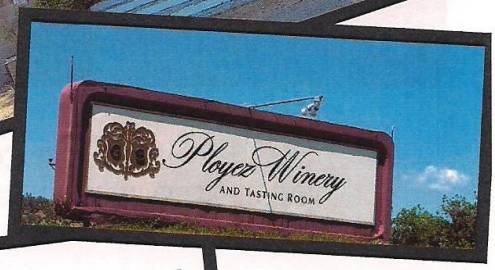
LAKE COUNTY WINERIES







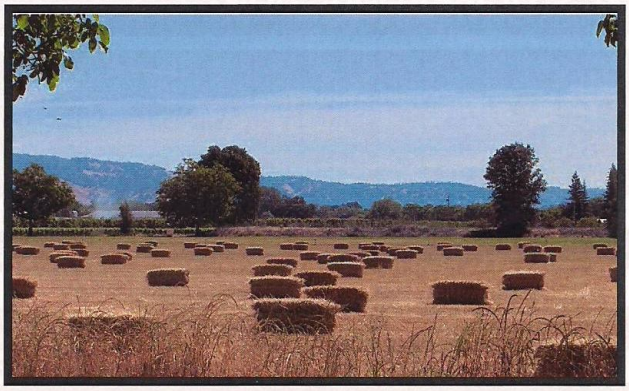




FIELD AND SEED CROPS

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 [1]	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

[1] 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 [1]	2006	75,900	74.6	4,318,395.00
	2005	76,000	85	$ 3,644,400.00

[1] INCLUDES TURF AND CUT FLOWERS

TIMBER HARVEST[1]

ITEM	YEAR	MBF [2]	VALUE [3]
TIMBER YIELD	2006	928	$ 339,069
	2005	100	$ 29,520

[1] VALUES FURNISHED BY THE CALIFORNIA STATE BOARD OF EQUALIZATION
[2] QUANTITY OF TIMBER CUT AND SCALED (THOUSAND BOARD FEET)
[3] VALUE OF TIMBER IMMEDIATELY BEFORE CUTTING

VEGETABLE CROPS

COMMODITY	YEAR	ACRES	VALUE
MISCELLANEOUS VEGETABLES[1]	2006	50	$ 242,355.00
	2005	21	$ 182,323.00

[1] INCLUDES PUMPKINS, BEANS, SWEET CORN, GARLIC, HERBS, PEAS, POTATOES, SQUASH, TOMATOES, ETC.

LIVESTOCK PRODUCTION

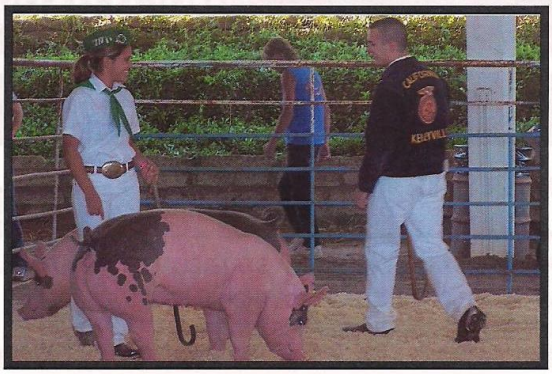
COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT[1] (LIVE WT.)	$ PER CWT	VALUE
CATTLE AND CALVES	2006	3,515	28,123	$80.00	$2,249,900
	2005	3,618	28,941	$90.50	$2,619,100
MISCELLANEOUS[2]	2006				$45,946
	2005				$80,900
TOTALS	2006				$2,296,000
	2005				$2,665,000

[1] CWT = 100 LBS
[2] INCLUDES GOATS, SHEEP, HOGS AND RABBITS

LIVESTOCK AND POULTRY PRODUCTS

COMMODITY	YEAR	VALUE
MISCELLANEOUS[1]	2006	$ 133,701.00
	2005	$ 152,510.00

[1] 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 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: DALMATIOAN 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

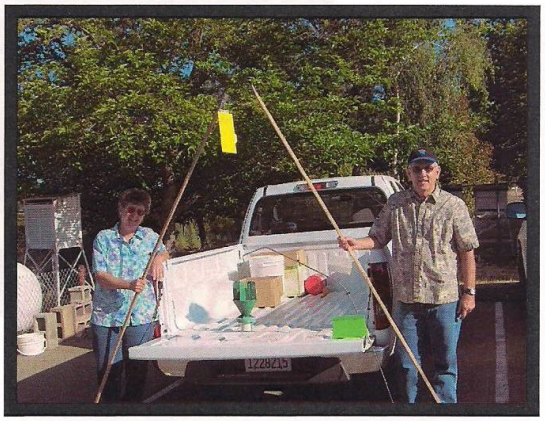
PEST EXCLUSION INSPECTIONS ARE CONDUCTED DAILY AT POST OFFICES AND THE U.P.S. TERMINAL

PACKAGES PROFILED	PACKAGES INSPECTED	PACKAGES REJECTED
2966	563	8

ORGANIC[1] 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
TOTAL	**104**	**1778**

[1] REGISTERED ORGANIC WITH THE LAKE COUNTY AGRICULTURAL COMMISSIONER



County Insect Trappers

Checking for Glassy-winged Sharp-shooter

PEST DETECTION

VINE MEALY BUG

TRAPS DEPLOYED	PROGRAM HOURS
95	383

EXOTIC INSECT PESTS [1]

URBAN TRAPS	PROGRAM HOURS
297	1403.5

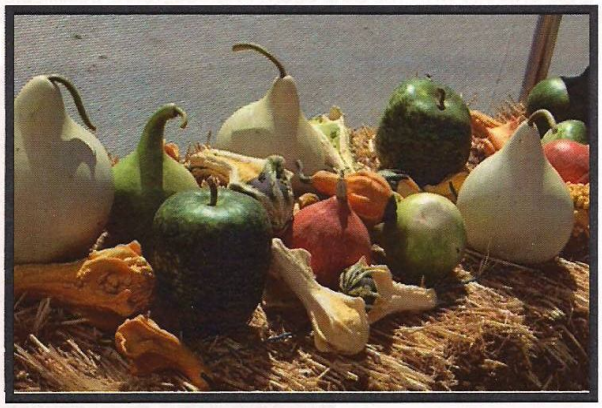
[1] INCLUDES TRAPS FOR MEDITERRANEAN FRUIT FLY, ORIENTAL FRUIT FLY, MELON FLY, GYPSY MOTH AND JAPANESE BEETLE

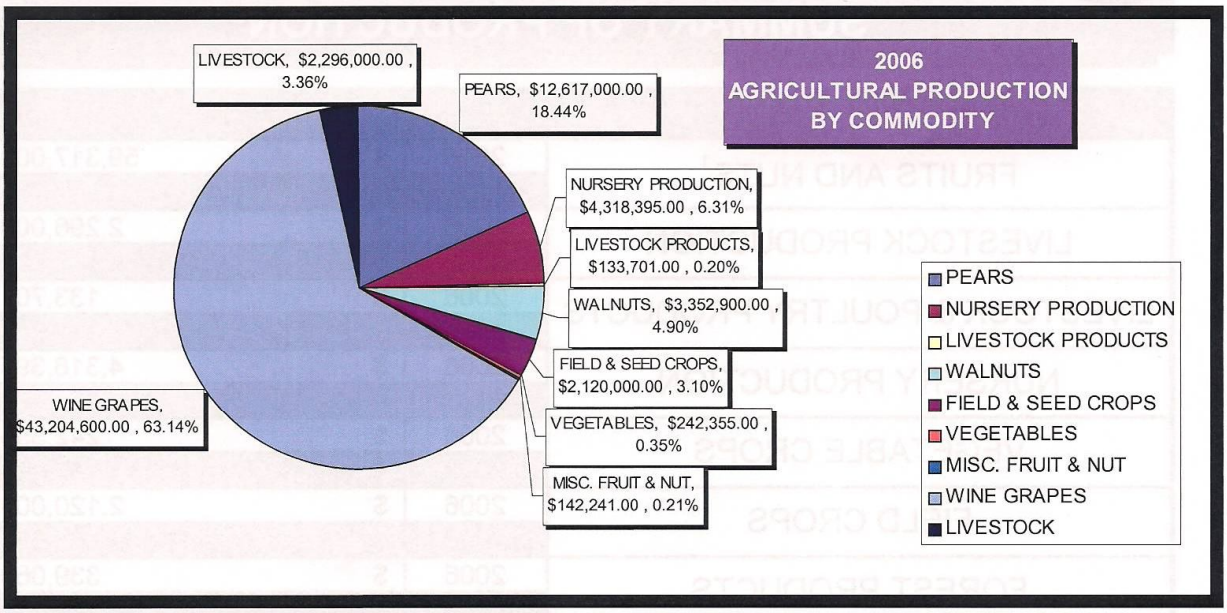
GLASSY-WINGED SHARPSHOOTER TRAPPING

URBAN TRAPS	NURSERY TRAPS	PROGRAM HOURS
110	33	756

GLASSY-WINGED SHARPSHOOTER NURSERY SHIPMENT INSPECTIONS

NUMBER OF INSPECTIONS	PROGRAM HOURS
87	502.5




2006
AGRICULTURAL PRODUCTION
BY COMMODITY
LIVESTOCK, $2,296,000.00 , 3.36%
PEARS, $12,617,000.00 , 18.44%
NURSERY PRODUCTION, $4,318,395.00 , 6.31%
LIVESTOCK PRODUCTS, $133,701.00 , 0.20%
WALNUTS, $3,352,900.00 , 4.90%
FIELD & SEED CROPS, $2,120,000.00 , 3.10%
VEGETABLES, $242,355.00 , 0.35%
MISC. FRUIT & NUT, $142,241.00 , 0.21%
WINE GRAPES, $43,204,600.00 , 63.14%
PEARS
NURSERY PRODUCTION
LIVESTOCK PRODUCTS
WALNUTS
FIELD & SEED CROPS
VEGETABLES
MISC. FRUIT & NUT
WINE GRAPES
LIVESTOCK

SUMMARY OF PRODUCTION

COMMODITY CLASS	YEAR	VALUE
FRUITS AND NUTS[1]	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	**2006**	**$ 68,766,520.00**
	2005	**$ 61,542,811.00**

[1] INCLUDES, GRAPES, PEARS, WALNUTS AND MISCELLANEOUS FRUIT AND NUTS

Sunrise over Mt. Konocti

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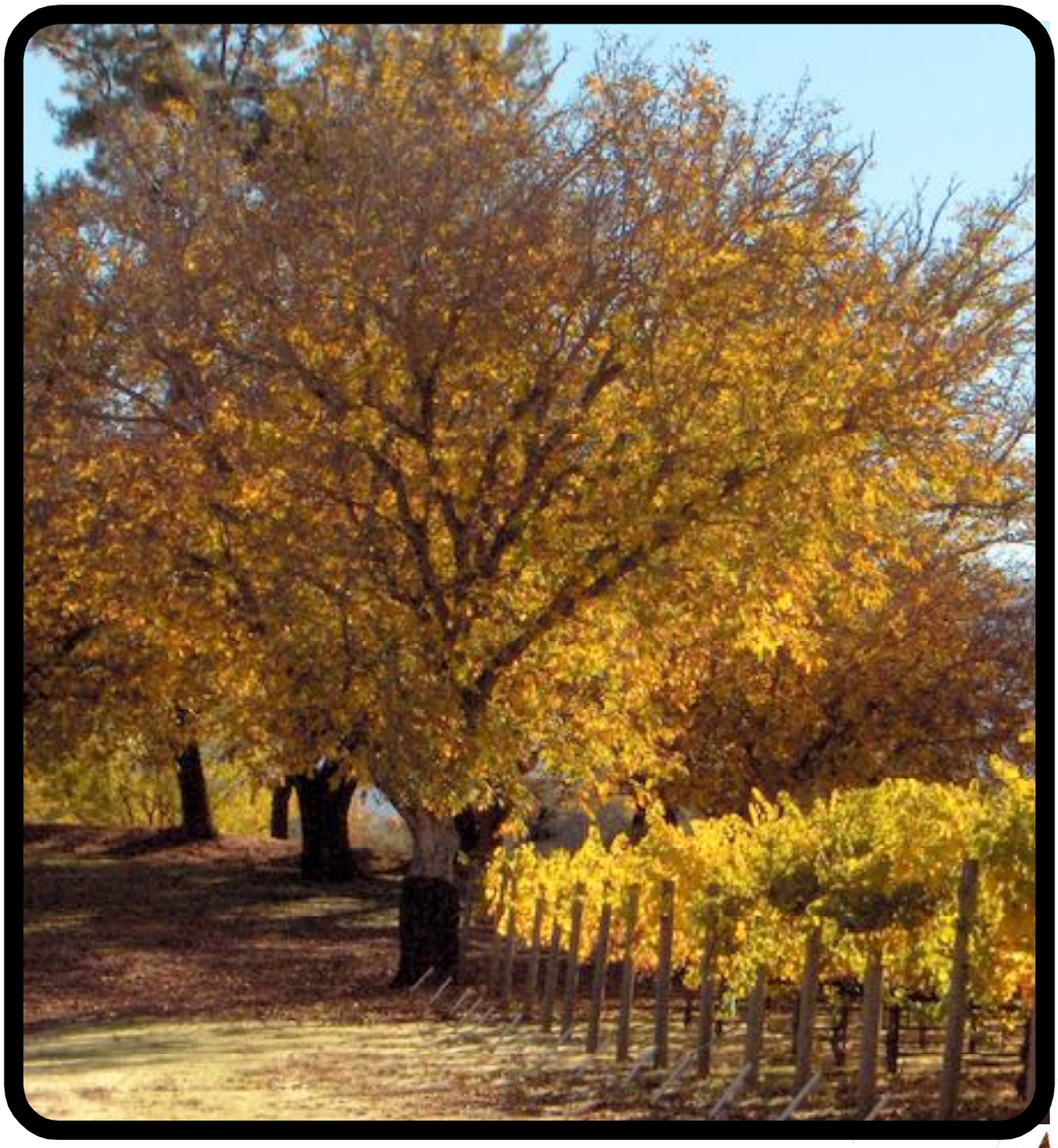
PHOTOGRAPHY BY Kris Eutenier



LAKE COUNTY

2007

CROP REPORT

letter

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (Tons)	YIELD (Tons/Acre)	RETURNS $/Ton1	GROSS VALUE1	BEARING ACRES
WINE GRAPES							
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
TOTAL ALL WINE GRAPES		**2007**	**36,321.4**	**4.6**	**$1,196.25**	**$43,449,300.00**	**7,949**
		2006	**31,995.1**	**4.3**	**$1,192.34**	**$38,149,100.00**	**7,842**
PEARS							
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	
Total Bartlett		**2007**	**36,060.0**	**17.4**	**$346.76**	**$12,504,000.00**	**2,078**
		2006	**36,108.0**	**17.3**	**$232.94**	**$8,411,000.00**	**2,092**
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	
Total Winter & Asian		2007	1,030.9	11.8	$833.26	$859,000.00	87
		2006	1,701.0	16.2	$460.06	$782,561.00	105
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	
Total Reds		2007	656.3	15.3	$933.15	$612,400.00	43
		2006	825.0	19.2	$629.52	$519,350.00	43
TOTAL ALL PEARS		**2007**	**37,747.2**	**17.1**	**$370.23**	**$13,975,000.00**	**2,208**
		2006	**38,635.0**	**17.2**	**$327.00**	**$12,617,000.00**	**2,240**
WALNUTS							
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
TOTAL ALL WALNUTS		2007	1,383.7	0.5	$2,914.00	$4,032,200.00	2,702
		2006	1,910.8	0.7	$1,754.67	$3,352,900.00	2,702
MISCELLANEOUS FRUITS & NUTS							
MISCELLANEOUS		2007				$138,400.00	70
TOTAL ALL PEARS		**2007**	**37,747.2**	**17.1**	**$370.23**	**$13,975,000.00**	**2,208**
		2006	**38,635.0**	**17.2**	**$327.00**	**$12,617,000.00**	**2,240**
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		2006	1,910.8	0.7	$1,754.67	$3,352,900.00	2,702
MISCELLANEOUS FRUITS & NUTS							
MISCELLANEOUS FRUITS & NUTS [2]		2007				$138,400.00	70
		2006				$142,241.00	86
TOTAL ALL FRUIT & NUT CROPS		**2007**				**$61,595,000.00**	**12,929**
		2006				**$59,317,000.00**	**12,781**

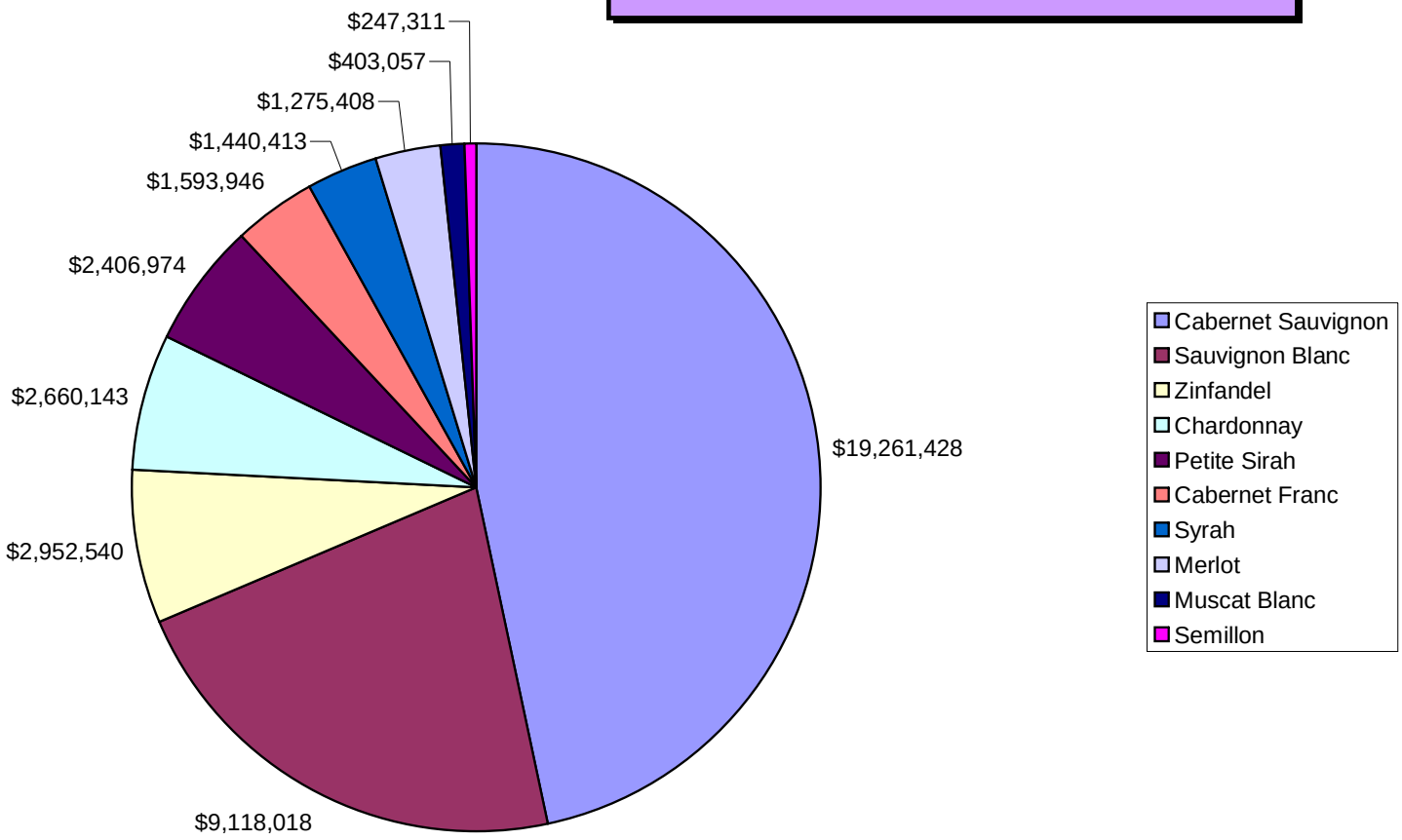
CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
PEARS	BARTLETT	2,078	4	2,082
	WINTER & ASIAN	87	0	87
	REDS	43	0	43
	TOTAL	**2,208**	**4**	**2,212**
WINE GRAPES	WHITES	2,494	280	2,774
	REDS	5,455	116	5,571
	TOTAL	**7,949**	**396**	**8,345**
WALNUTS		2,702	150	2,852
MISCELLANEOUS[1]		70		70
TOTAL		**12,929**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

[1]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
TOTAL	36,321.4	$1,196.24	$43,449,258

TOP 10 WINE GRAPE VARIETIES



Walnut Catkins

Walnuts Growing in Husks

Walnut Husks Starting to Split Open to Reveal the Walnut Inside

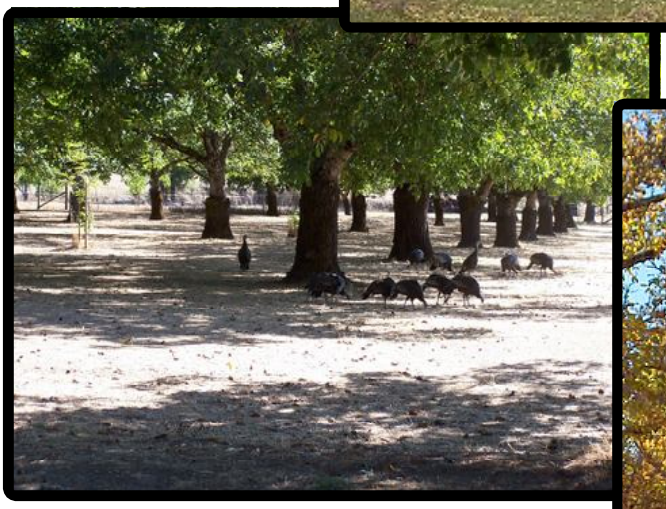
Walnut Husk Opening, Ready To Drop The Walnut

Walnut Free of Husk, Ready For Drying

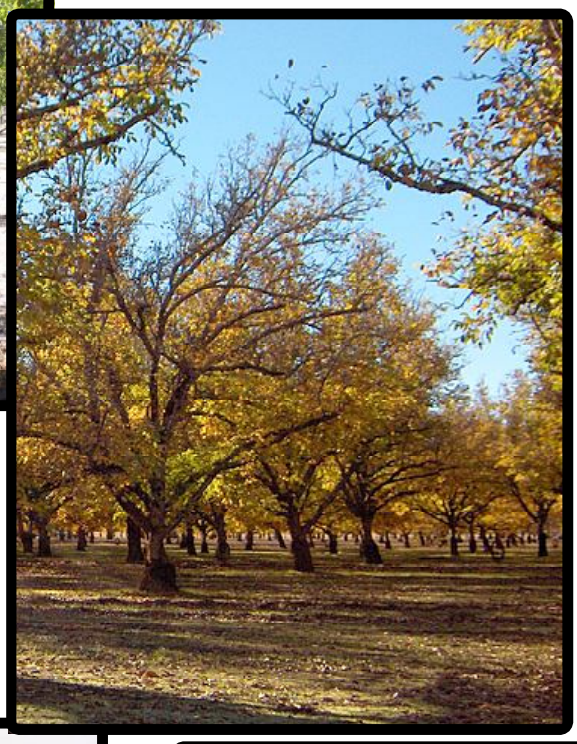
Seasons of a Walnut Orchard

Young Orchard

Spring with Wild Flowers



Summer, Wild Turkeys Enjoying the Shade



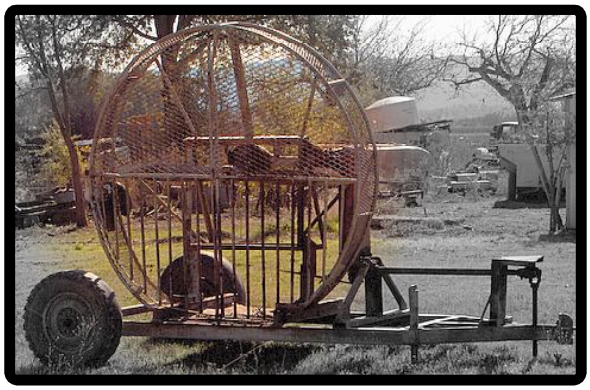
Fall Color and Harvest Time

Winter Snow and the Trees are at Rest

Walnut Pruning in the Winter

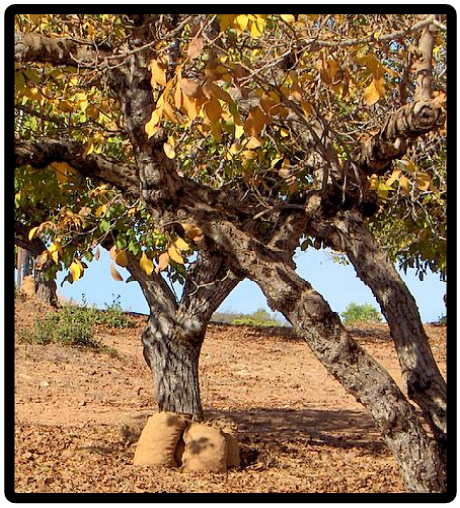
Equipment for Harvest

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

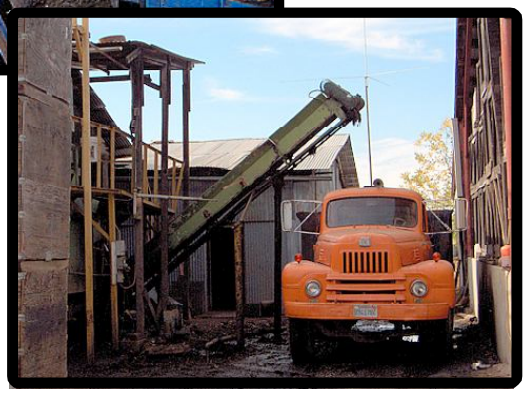
Picked nuts being dumped into hopper

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.

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

ITEM	YEAR	MBF[2]	VALUE[3]
Timber Yield	2007	3,684	$802,700
	2006	928	$339,069

[1]Values furnished by the California State Board of Equalization

[2]Quantity of timber cut and scaled (Thousand Board Feet)

[3]Value of timber immediately before cutting

Commodity	Year	Acreage	Unit	$ / Unit	Value
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	**2007**	**93,900**			**$ 2,266,375.00**
	2006	94,200			$ 2,120,000.00

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT[1] (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[2]	2007				$46,237
	2006				$45,946
TOTALS	2007				**$2,512,537**
	2006				**$2,296,000**

[1]CWT = 100 lbs.
[2]Includes goats, sheep, hogs, and rabbits.

	Year	Value
Miscellaneous[1]	2007	$ 146,105.00
	2006	$ 133,701.00
[1] Includes eggs and cheese		

Commodity	Year	Acres	Value
Miscellaneous Vegetables [1]	2007	50	$ 235,500.00
	2006	50	$ 242,355.00

[1] 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
Total	**109**	**1934**

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: Dalmatioan Toadflax, Scotch Thistle, Plumeless 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	Packages Inspected	Packages Rejected
2,945	468	1

COMMODITY	YEAR	VALUE
FRUIT AND NUTS [1]	2007	$ 61,595,000.00
	2006	$ 59,317,000.00
LIVESTOCK PRODUCTION	2007	$ 2,512,537.00
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LIVESTOCK & POULTRY PRODUCTS	2007	$ 146,105.00
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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
GRAND TOTAL	**2007**	**$ 72,670,221.00**
	2006	**$ 68,766,520.00**

[1] Includes grapes, pears, walnuts and miscellaneous fruit and nuts

2007 Agricultural Production by Commodity

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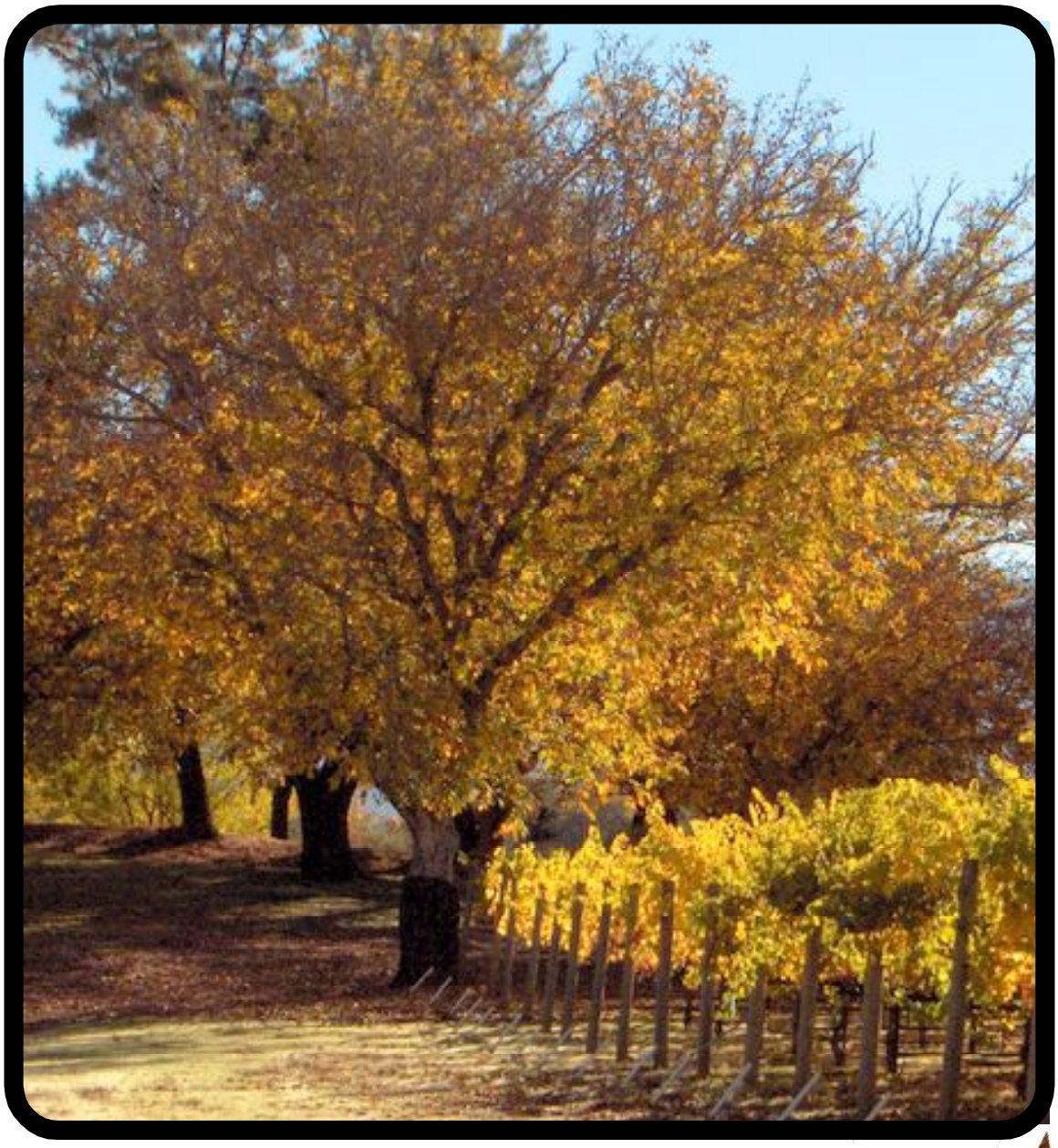
PHOTOGRAPHY BY Kris Eutenier

COUNTY OF LAKE



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TOTAL ALL PEARS		**2007**	**37,747.2**	**17.1**	**$370.23**	**$13,975,000.00**	**2,208**
		2006	**38,635.0**	**17.2**	**$327.00**	**$12,617,000.00**	**2,240**
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TOTAL ALL WALNUTS		2007	1,383.7	0.5	$2,914.00	$4,032,200.00	2,702
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CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
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	TOTAL	**7,949**	**396**	**8,345**
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TOTAL		**12,929**	**550**	**13,479**

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WINE VARIETIES BY VALUE

Variety	Production (Tons)	Returns/Ton	Gross Value
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Sauvignon Blanc	10,314.5	$884.00	$9,118,018
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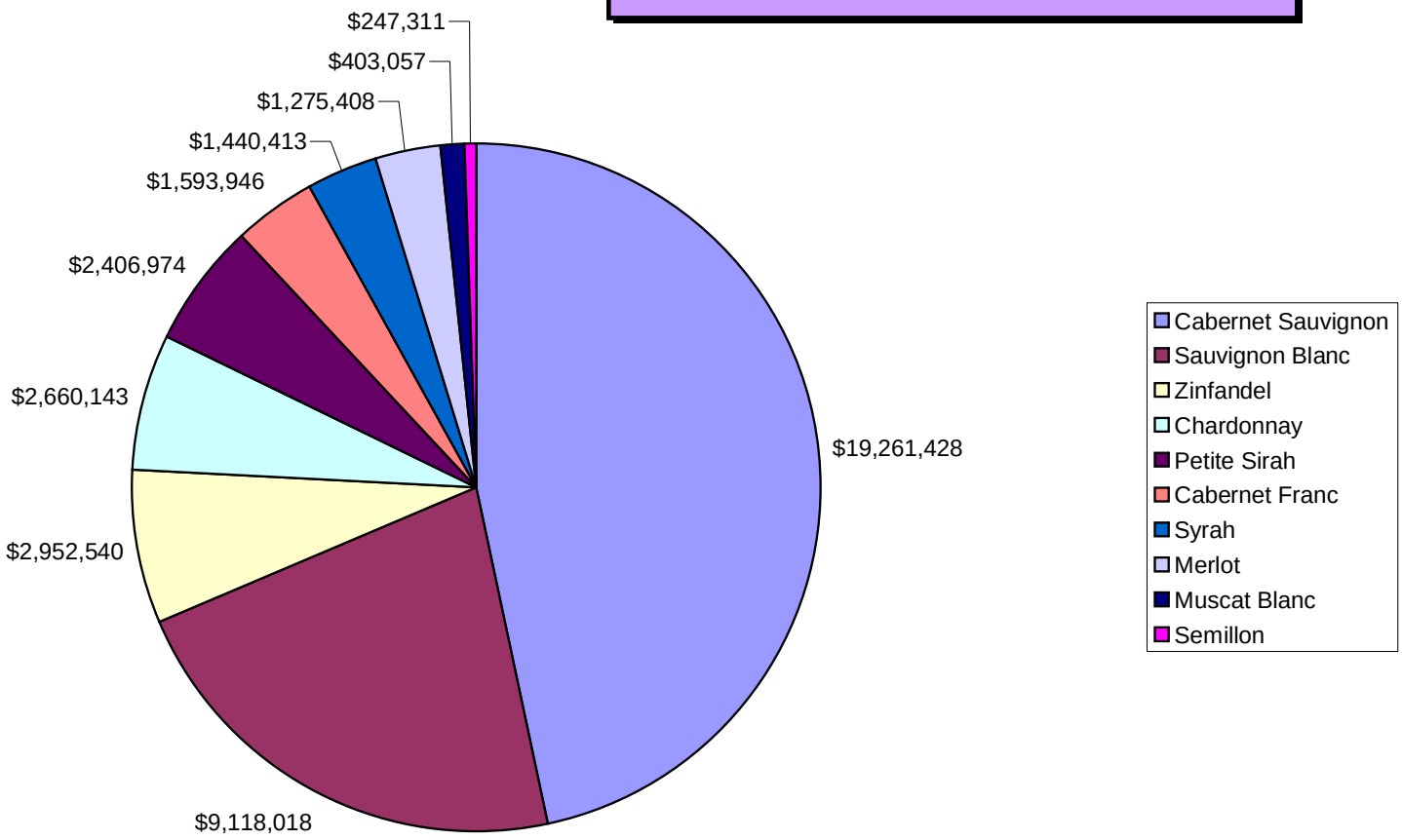

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Seasons of a Walnut Orchard

Young Orchard

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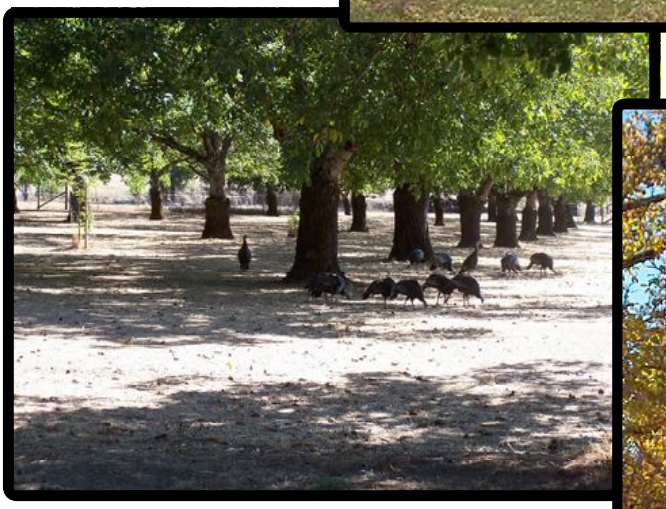

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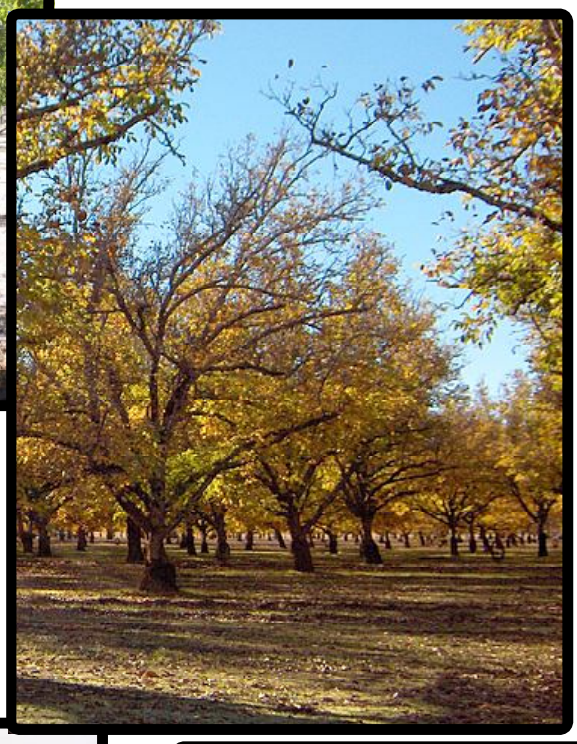

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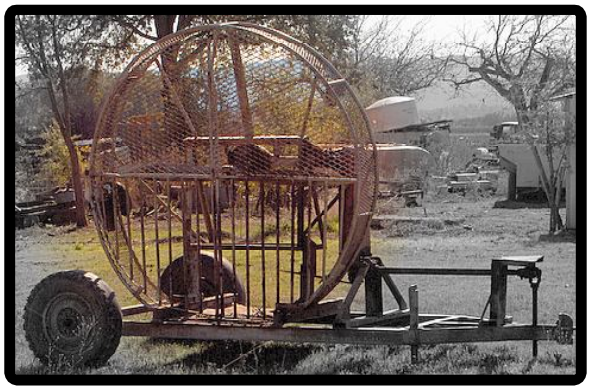

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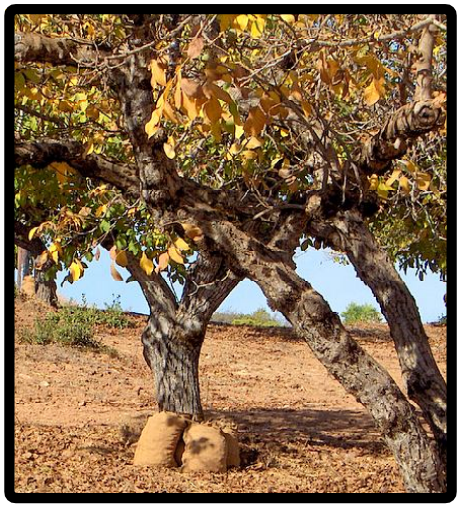


Some nuts are hand picked. They are put into bags then dumped into bins.

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

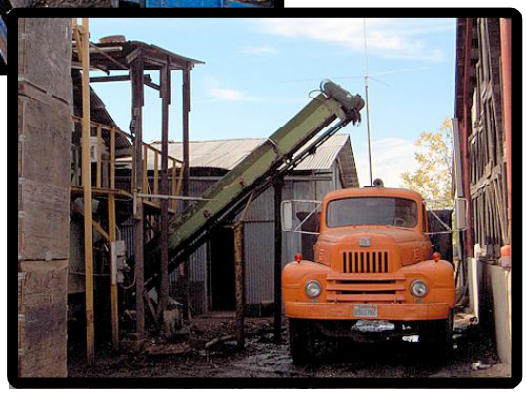
Picked nuts being dumped into hopper

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.

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

ITEM	YEAR	MBF[2]	VALUE[3]
Timber Yield	2007	3,684	$802,700
	2006	928	$339,069

[1]Values furnished by the California State Board of Equalization

[2]Quantity of timber cut and scaled (Thousand Board Feet)

[3]Value of timber immediately before cutting

Commodity	Year	Acreage	Unit	$ / Unit	Value
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	**2007**	**93,900**			**$ 2,266,375.00**
	2006	94,200			$ 2,120,000.00

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT[1] (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[2]	2007				$46,237
	2006				$45,946
TOTALS	2007				**$2,512,537**
	2006				**$2,296,000**

[1]CWT = 100 lbs.
[2]Includes goats, sheep, hogs, and rabbits.

	Year	Value
Miscellaneous[1]	2007	$ 146,105.00
	2006	$ 133,701.00
[1] Includes eggs and cheese		

Commodity	Year	Acres	Value
Miscellaneous Vegetables [1]	2007	50	$ 235,500.00
	2006	50	$ 242,355.00

[1] 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
Total	**109**	**1934**

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: Dalmatioan Toadflax, Scotch Thistle, Plumeless 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	Packages Inspected	Packages Rejected
2,945	468	1

COMMODITY	YEAR	VALUE
FRUIT AND NUTS [1]	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
GRAND TOTAL	**2007**	**$ 72,670,221.00**
	2006	**$ 68,766,520.00**

[1] 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

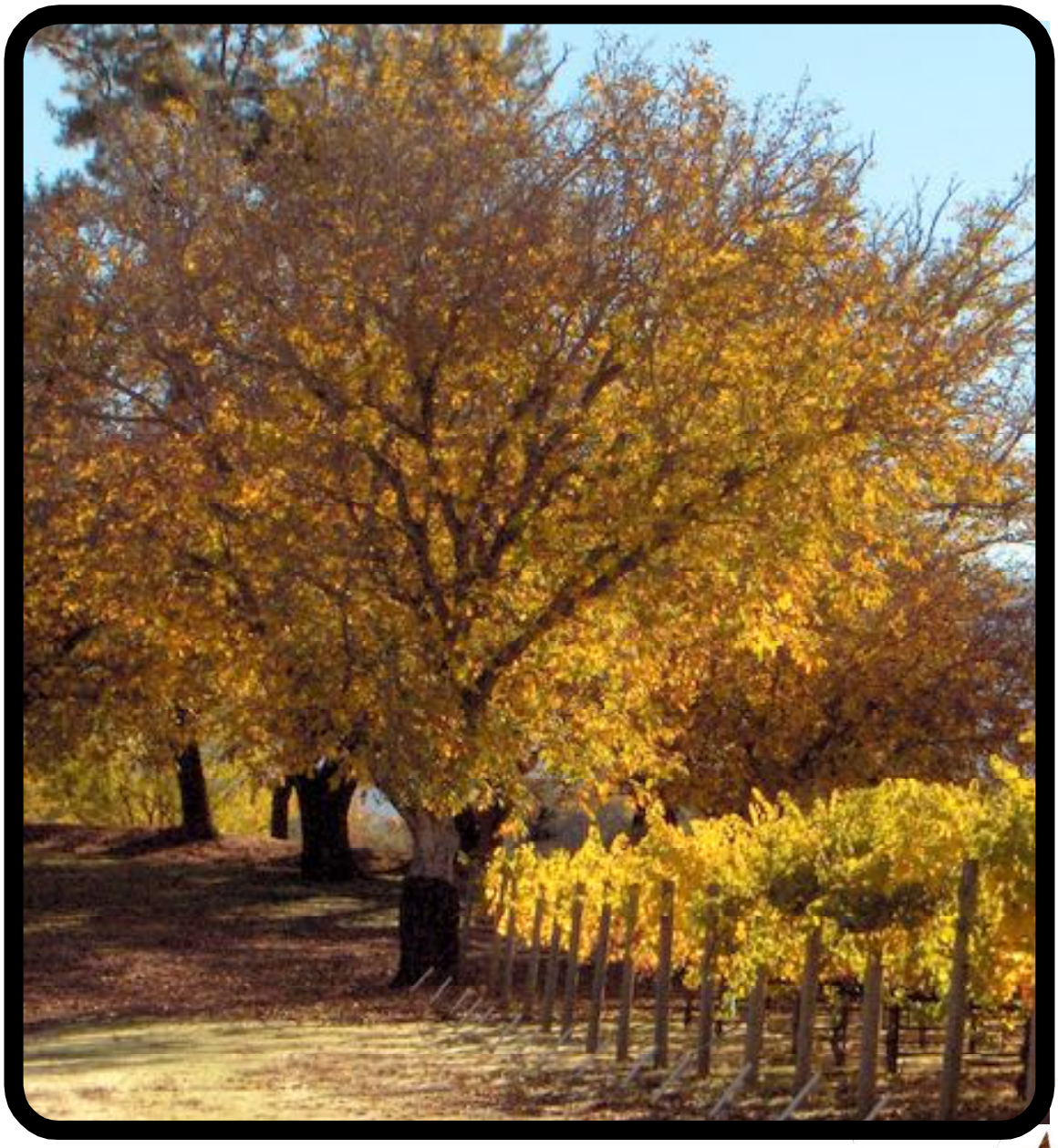
Lynn Eutenier
Steve Woods

The 2007 Lake County Staff

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

PHOTOGRAPHY BY Kris Eutenier

COUNTY OF LAKE



LAKE COUNTY

2007

CROP REPORT

letter

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (Tons)	YIELD (Tons/Acre)	RETURNS $/Ton1	GROSS VALUE1	BEARING ACRES
WINE GRAPES							
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
TOTAL ALL WINE GRAPES		**2007**	**36,321.4**	**4.6**	**$1,196.25**	**$43,449,300.00**	**7,949**
		2006	**31,995.1**	**4.3**	**$1,192.34**	**$38,149,100.00**	**7,842**
PEARS							
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	
Total Bartlett		**2007**	**36,060.0**	**17.4**	**$346.76**	**$12,504,000.00**	**2,078**
		2006	**36,108.0**	**17.3**	**$232.94**	**$8,411,000.00**	**2,092**
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	
Total Winter & Asian		2007	1,030.9	11.8	$833.26	$859,000.00	87
		2006	1,701.0	16.2	$460.06	$782,561.00	105
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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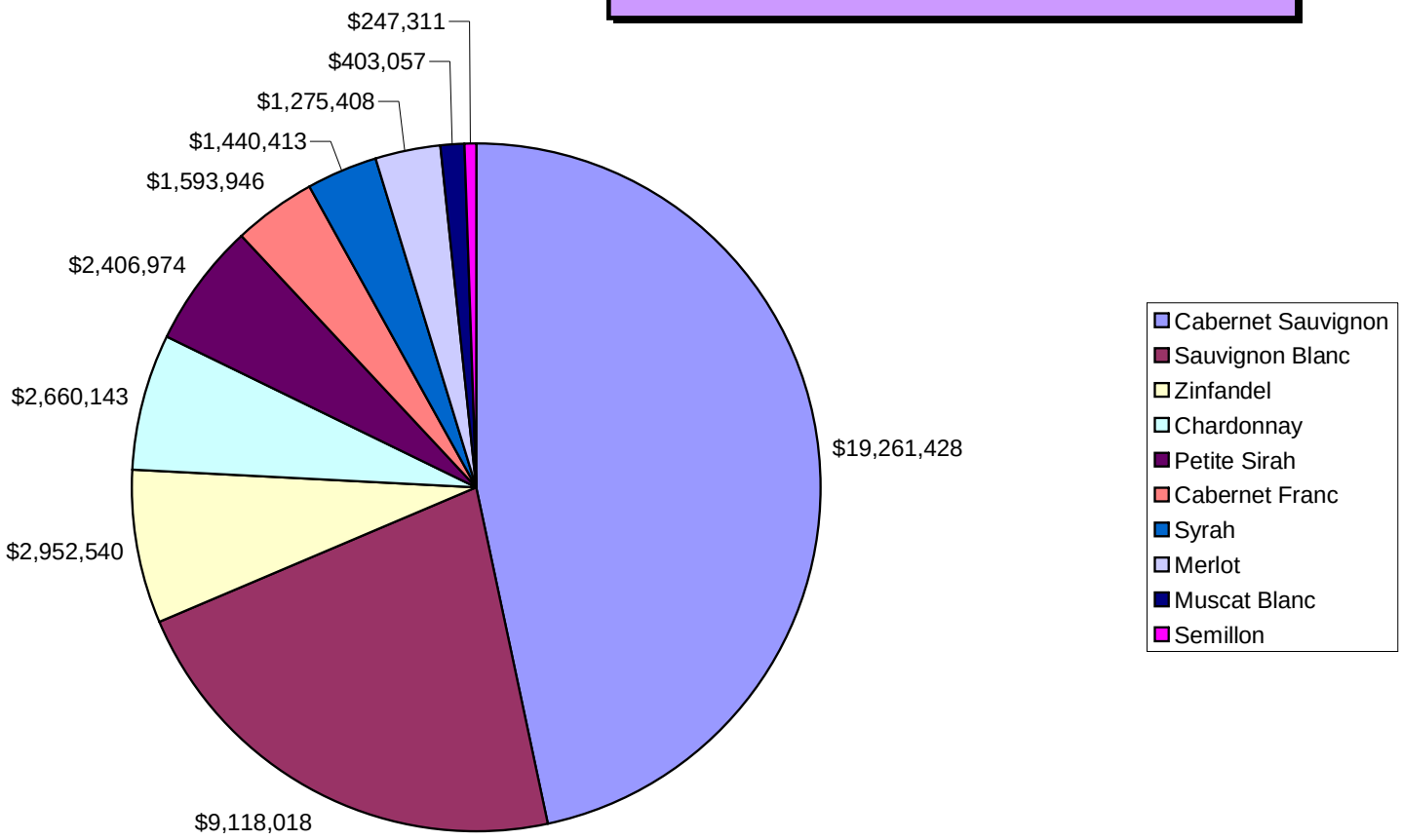

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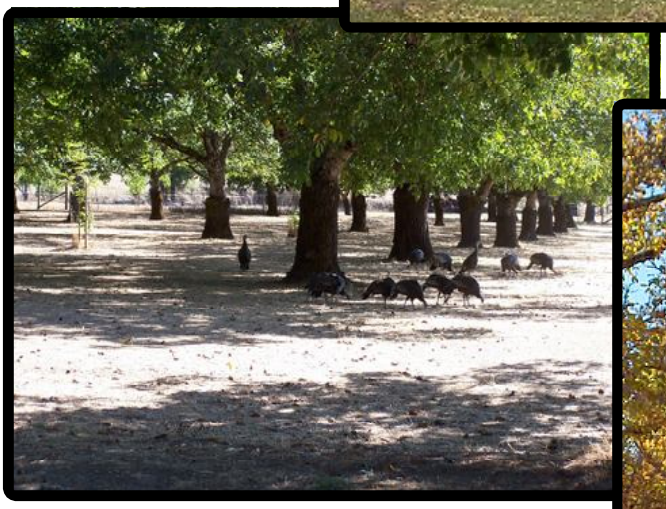

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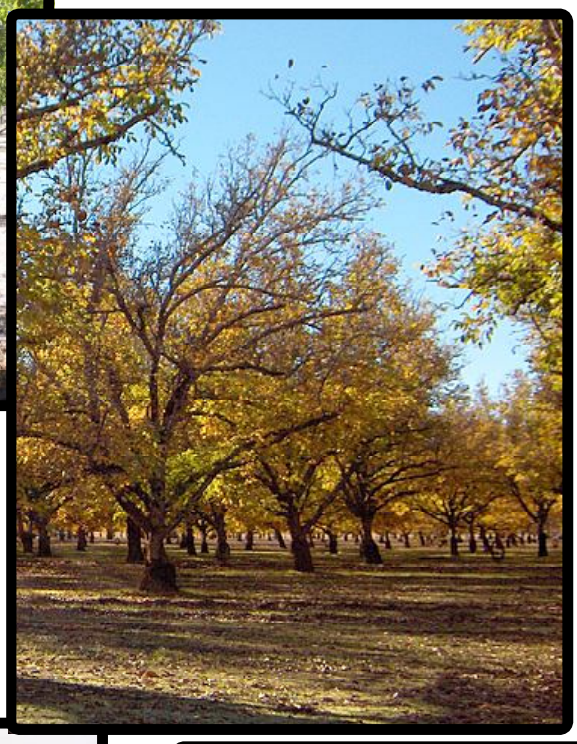

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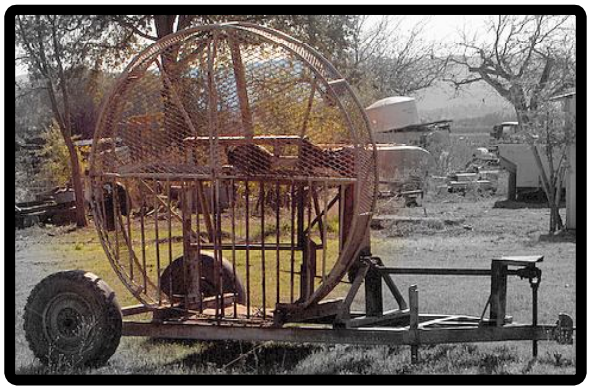

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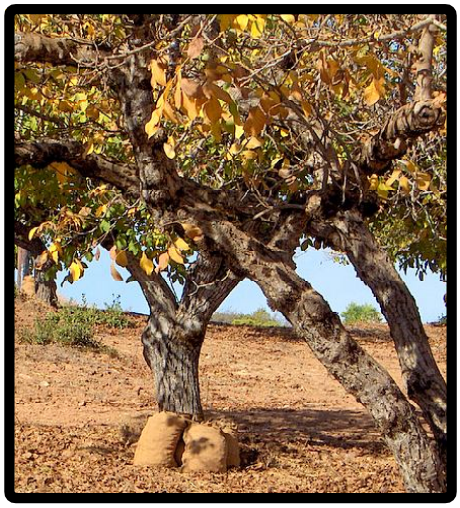

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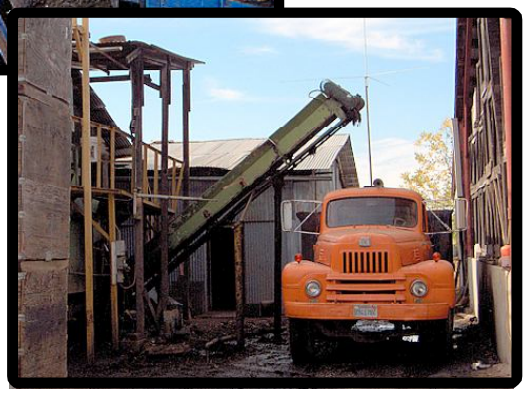

Debris and cull nuts hauled away

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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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Year	Greenhouse Sq. Feet	Field Acres	Value
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ITEM	YEAR	MBF[2]	VALUE[3]
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	2006	928	$339,069

[1]Values furnished by the California State Board of Equalization

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Range	2007	90,000	Acre	$ 5.00	$ 450,000.00
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Miscellaneous	2007	2,100	Acre		$ 1,636,375.00
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Includes Wild rice, oat hay, alfalfa, grass hay					
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MISCELLANEOUS[2]	2007				$46,237
	2006				$45,946
TOTALS	2007				**$2,512,537**
	2006				**$2,296,000**

[1]CWT = 100 lbs.
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	Year	Value
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	Hairy Weevil	Becoming Generally Distributed
	Peacock Fly	Generally Distributed
	Yst Rust	4 sites, Unknown Establishment
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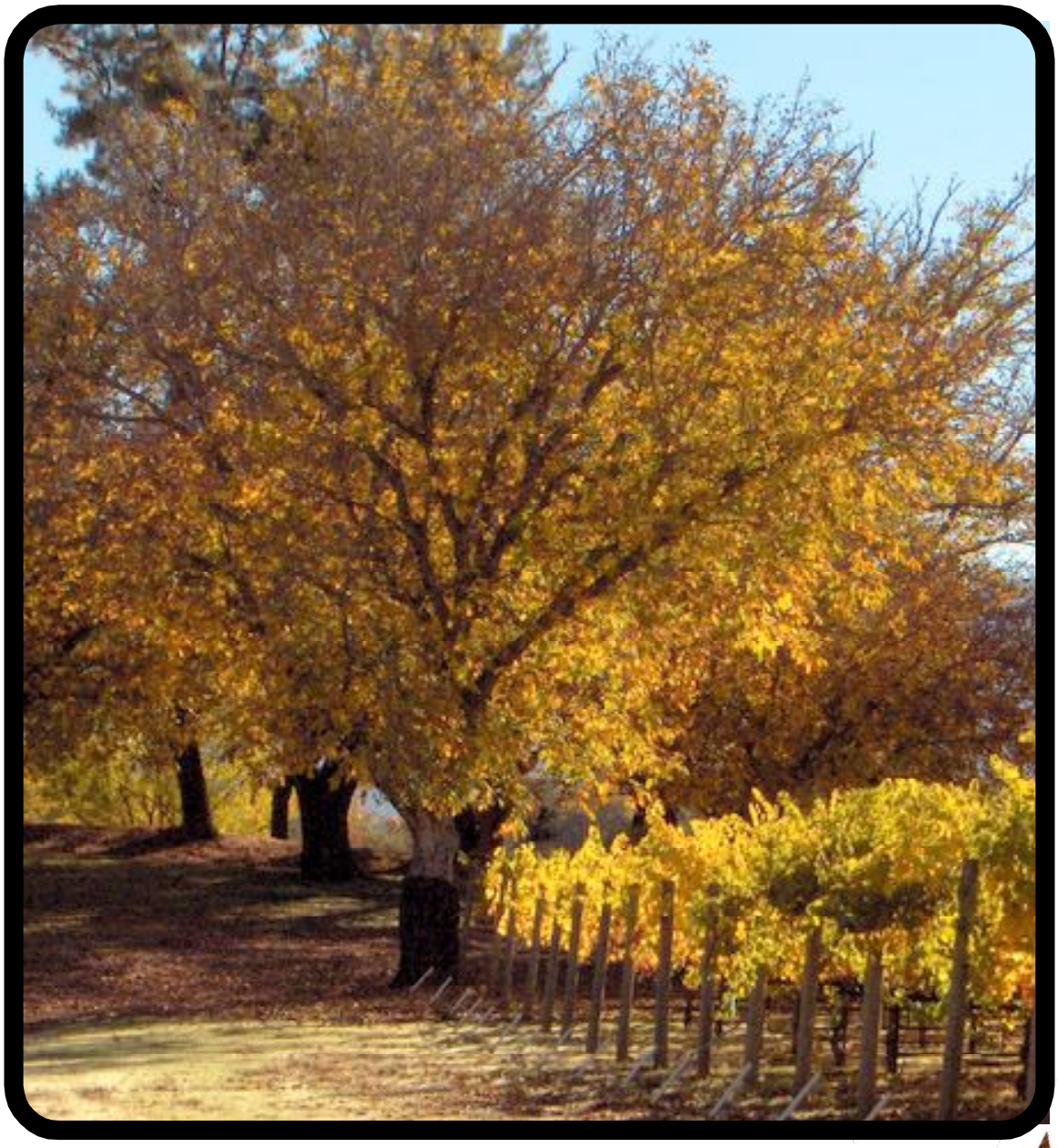
PHOTOGRAPHY BY Kris Eutenier

COUNTY OF LAKE



LAKE COUNTY

2007

CROP REPORT

letter

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (Tons)	YIELD (Tons/Acre)	RETURNS $/Ton1	GROSS VALUE1	BEARING ACRES
WINE GRAPES							
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
TOTAL ALL WINE GRAPES		**2007**	**36,321.4**	**4.6**	**$1,196.25**	**$43,449,300.00**	**7,949**
		2006	**31,995.1**	**4.3**	**$1,192.34**	**$38,149,100.00**	**7,842**
PEARS							
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	
Total Bartlett		**2007**	**36,060.0**	**17.4**	**$346.76**	**$12,504,000.00**	**2,078**
		2006	**36,108.0**	**17.3**	**$232.94**	**$8,411,000.00**	**2,092**
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	
Total Winter & Asian		2007	1,030.9	11.8	$833.26	$859,000.00	87
		2006	1,701.0	16.2	$460.06	$782,561.00	105
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	
Total Reds		2007	656.3	15.3	$933.15	$612,400.00	43
		2006	825.0	19.2	$629.52	$519,350.00	43
TOTAL ALL PEARS		**2007**	**37,747.2**	**17.1**	**$370.23**	**$13,975,000.00**	**2,208**
		2006	**38,635.0**	**17.2**	**$327.00**	**$12,617,000.00**	**2,240**
WALNUTS							
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
TOTAL ALL WALNUTS		2007	1,383.7	0.5	$2,914.00	$4,032,200.00	2,702
		2006	1,910.8	0.7	$1,754.67	$3,352,900.00	2,702
MISCELLANEOUS FRUITS & NUTS							
MISCELLANEOUS		2007				$138,400.00	70
TOTAL ALL PEARS		**2007**	**37,747.2**	**17.1**	**$370.23**	**$13,975,000.00**	**2,208**
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MISCELLANEOUS FRUITS & NUTS							
MISCELLANEOUS FRUITS & NUTS [2]		2007				$138,400.00	70
		2006				$142,241.00	86
TOTAL ALL FRUIT & NUT CROPS		**2007**				**$61,595,000.00**	**12,929**
		2006				**$59,317,000.00**	**12,781**

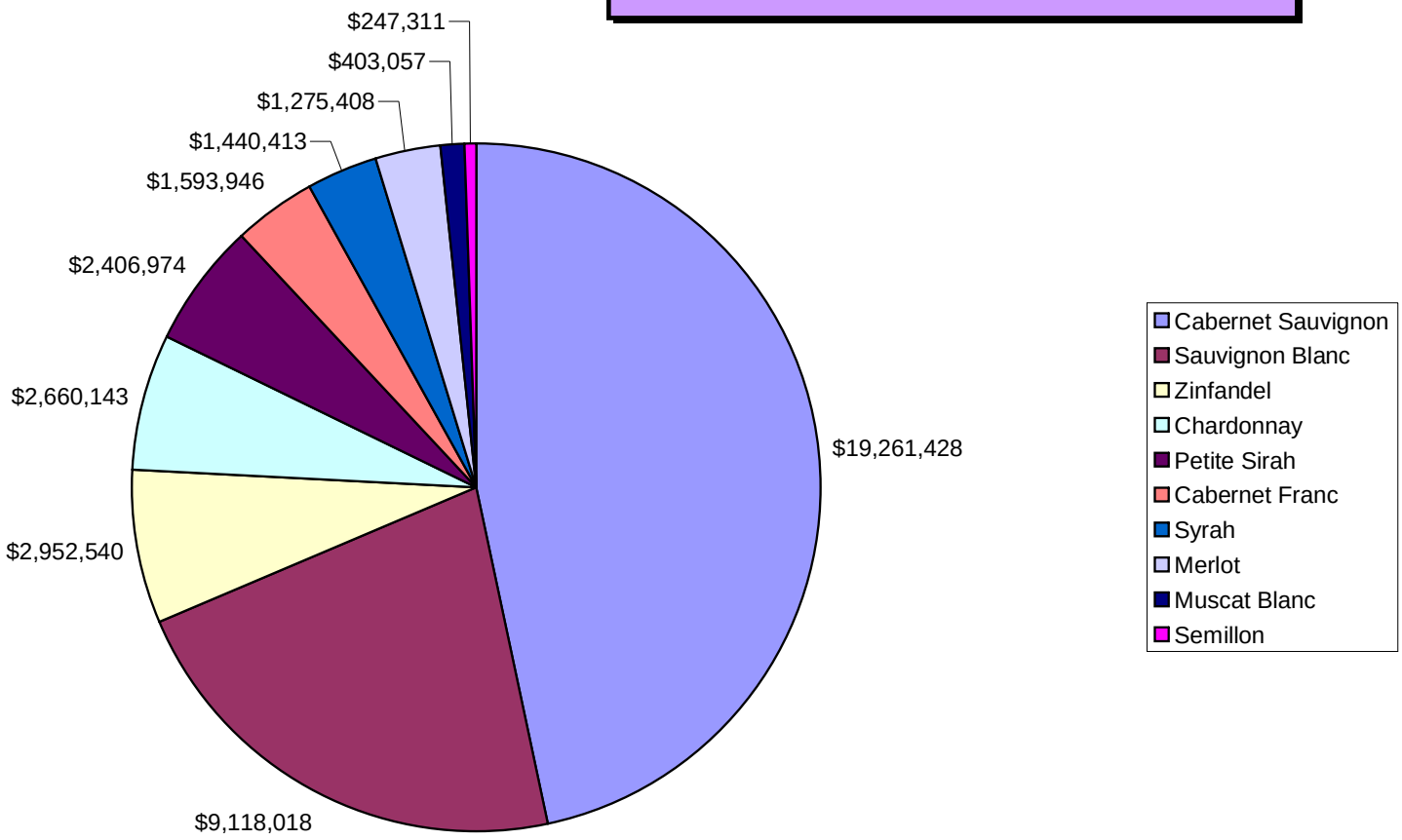
CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
PEARS	BARTLETT	2,078	4	2,082
	WINTER & ASIAN	87	0	87
	REDS	43	0	43
	TOTAL	**2,208**	**4**	**2,212**
WINE GRAPES	WHITES	2,494	280	2,774
	REDS	5,455	116	5,571
	TOTAL	**7,949**	**396**	**8,345**
WALNUTS		2,702	150	2,852
MISCELLANEOUS[1]		70		70
TOTAL		**12,929**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

[1]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
TOTAL	36,321.4	$1,196.24	$43,449,258

TOP 10 WINE GRAPE VARIETIES



Walnut Catkins

Walnuts Growing in Husks

Walnut Husks Starting to Split Open to Reveal the Walnut Inside

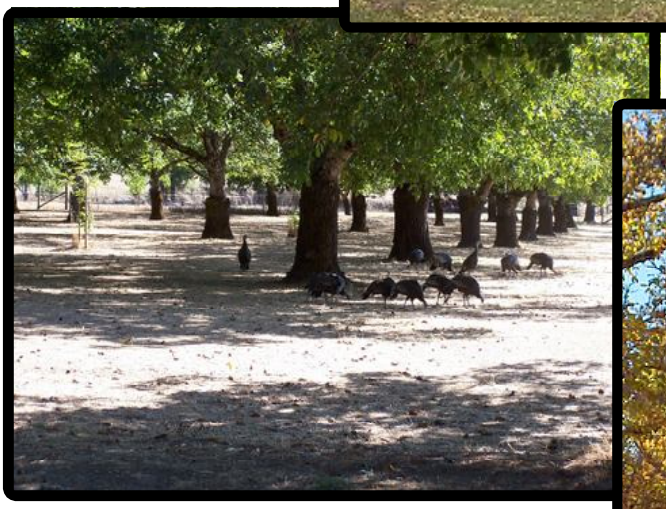
Walnut Husk Opening, Ready To Drop The Walnut

Walnut Free of Husk, Ready For Drying

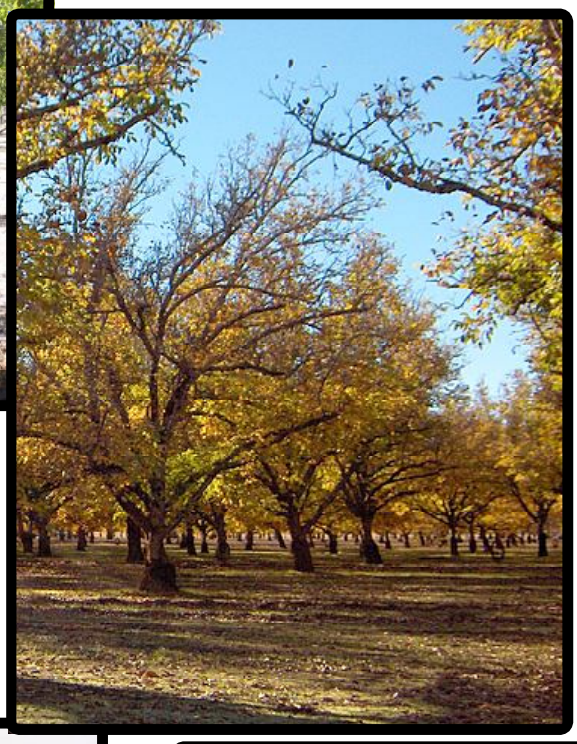
Seasons of a Walnut Orchard

Young Orchard

Spring with Wild Flowers



Summer, Wild Turkeys Enjoying the Shade



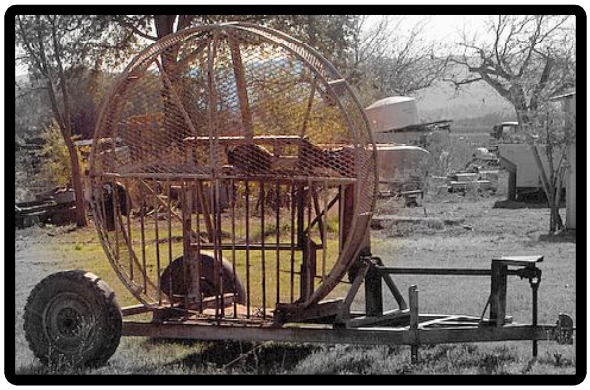
Fall Color and Harvest Time

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.



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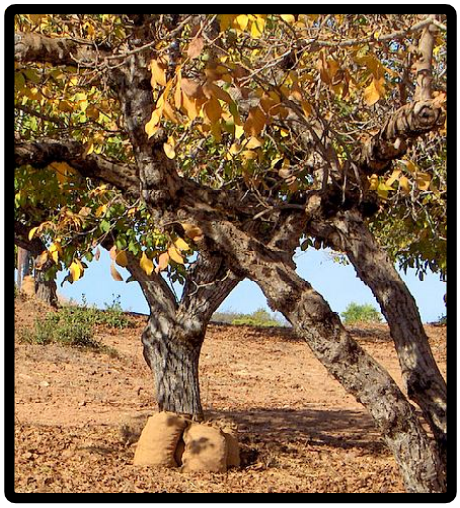

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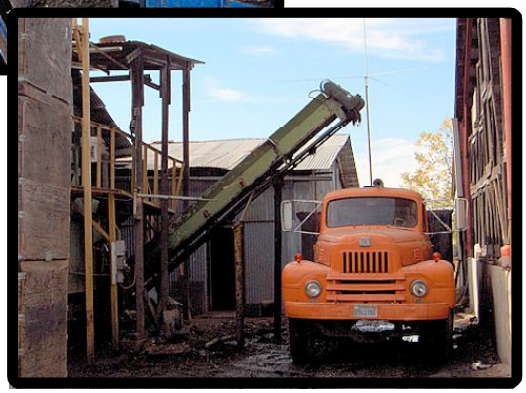

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PHOTOGRAPHY BY Kris Eutenier

COUNTY OF LAKE

LAKE COUNTY

2008 CROP REPORT

FRUIT AND NUT CROPS

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (TONS)	YIELD (TONS / ACRE)	RETURNS $ / TON [1]	GROSS VALUE [1]	BEARING ACRES
WINE GRAPES							
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
TOTAL ALL WINE GRAPES		2008	27,973	3.5	$1,224	$34,226,955	8,004
		2007	36,321	4.6	$1,196	$43,449,300	7,949
PEARS							
BARTLETT [2] 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	
TOTAL BARTLETT		2008	35,453	17.06	$405	$14,362,957	2,078
		2007	36,060	17.4	$347	$12,504,000	2,078
WINTER [2] & ASIAN (INCLUDES BOSC, 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	
TOTAL WINTER & ASIAN		2008	785	9.02	$754	$592,140	87
		2007	1,031	11.8	$833	$859,000	
RED PEARS [2] 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	
TOTAL REDS		2008	621	14.44	$892	$553,656	43
		2007	656	15.3	$933	$612,400	43
TOTAL ALL PEARS		2008	36,859	16.69	$421	$15,508,753	2,208
		2007	37,747	17.1	$370	$13,975,000	2,208
WALNUTS							
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
TOTAL ALL WALNUTS		2008	640	0.28	$1,950	$1,248,000	2,650
		2007	1,384	0.5	$2,914	$4,032,200	2,702
MISCELLANEOUS FRUITS & NUTS							
MISCELLANEOUS [3]		2008				$78,509	35.00
		2007				$138,400	70
TOTAL ALL FRUIT AND NUTS		2008				$51,062,217	12,897
		2007				$61,595,000	12,929

[1] THIS IS GROSS VALUE AND DOES NOT REPRESENT NET RETURN TO THE PRODUCER.

[2] THIS IS THE FOB PRICE WHICH INCLUDES PROCESSING AND PACKING COSTS.

[3] 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
	TOTAL	**2,208**	**18**	**2226**
WINE GRAPES	WHITES	2,518	275	2793
	REDS	5,486	94	5580
	TOTAL	**8,004**	**369**	**8373**
WALNUTS		2,650	150	2800
MISCELLANEOUS [1]		35	32	67
TOTAL		**12,897**	**569**	**13466**

[1] INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, DRIED FRUITS, OLIVES. ETC.

Pear Orchard in Kelseyville

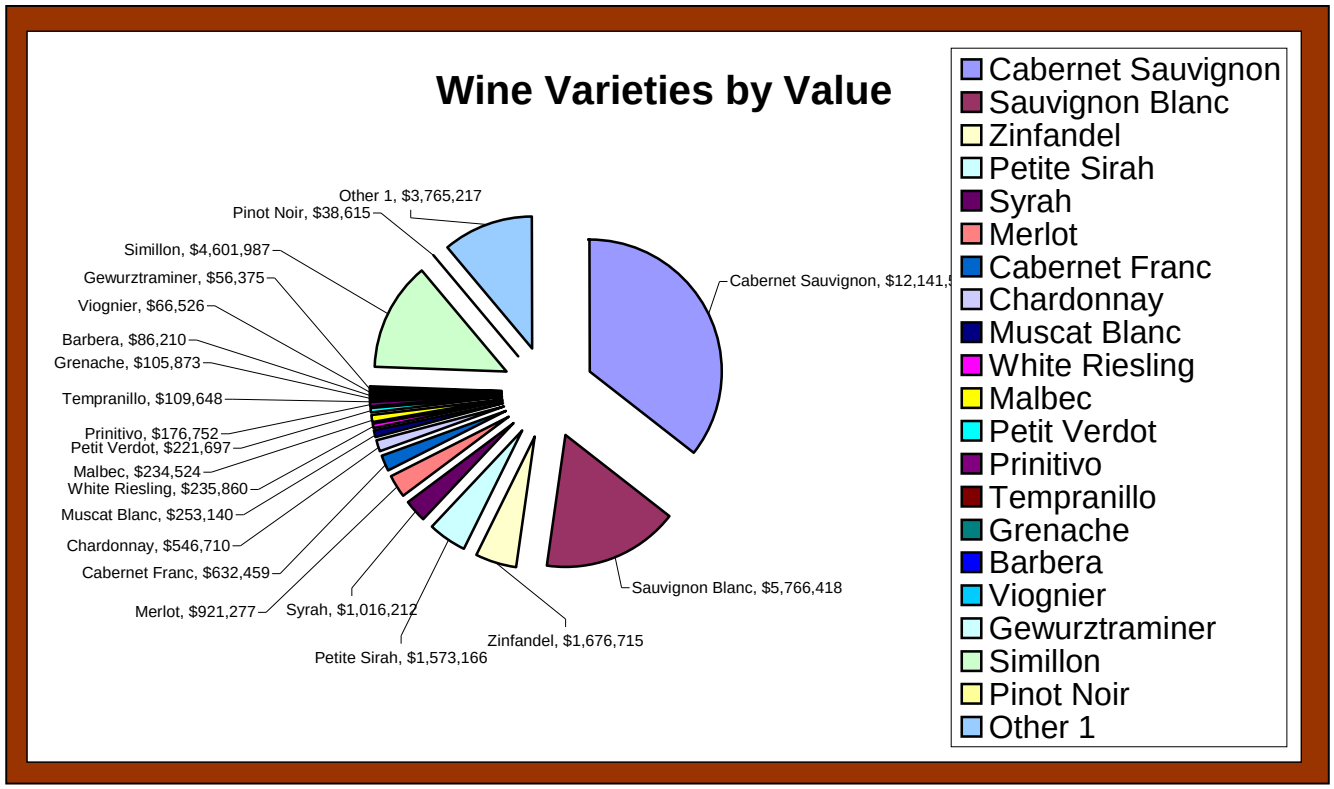
NURSERY PRODUCTION

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 [1]	7092.3	$ 1,224.00	$3,765,217
TOTAL	**27974**	**$ 1,224.00**	**$34,226,955**

1 Other Returns/Tons is the averaged amount



VEGETABLE CROPS			
COMMODITY	**YEAR**	**ACRES**	**VALUE**
MISCELLANEOUS VEGETABLES [1]	**2008**	**35**	**$219,767**
	2007	50	$235,500
[1] INCLUDES PUMPKINS, BEANS, SWEET CORN, GARLIC, HERBS, PEAS, POTATOES, SQUASH, TOMATOES, ETC.			

ORGANIC [1] 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	
TOTAL	**90**	**2,038.50**	**$2,331,562**
[1] REGISTERED ORGANIC WITH THE LAKE COUNTY AGRICULTURAL COMMISSIONER			

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

Wild Rice Harvest

LIVESTOCK PRODUCTION

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT [1] (LIVE WT.)	$ PER CWT	VALUE
CATTLE AND CALVES	**2008**	**2747**	**21976**	**$ 84.62**	**$1,859,600**
	2007	3151	25206	$ 97.85	$2,466,300
MISCELLANEOUS[2]	2008				**$35,800**
	2007				$46,237
TOTALS	**2008**				**$1,895,400**
	2007				$2,512,537

[1]CWT = 100 LBS

[2]INCLUDES GOATS, SHEEP, HOGS, RABBITS AND MEAT CHICKENS.

LIVESTOCK AND POULTRY PRODUCTS

	YEAR		VALUE		
MISCELLANEOUS[1]	**2008**		**$250,739**		
	2007		$146,105		

TIMBER HARVEST [1]

ITEM	YEAR	MBF [2]	VALUE [3]		
Timber Yield	**2008**	**0.0**	**0**		
	2007	3,684	$ 802,700.00		

[1] Values furnished by the California State Board of Equalization

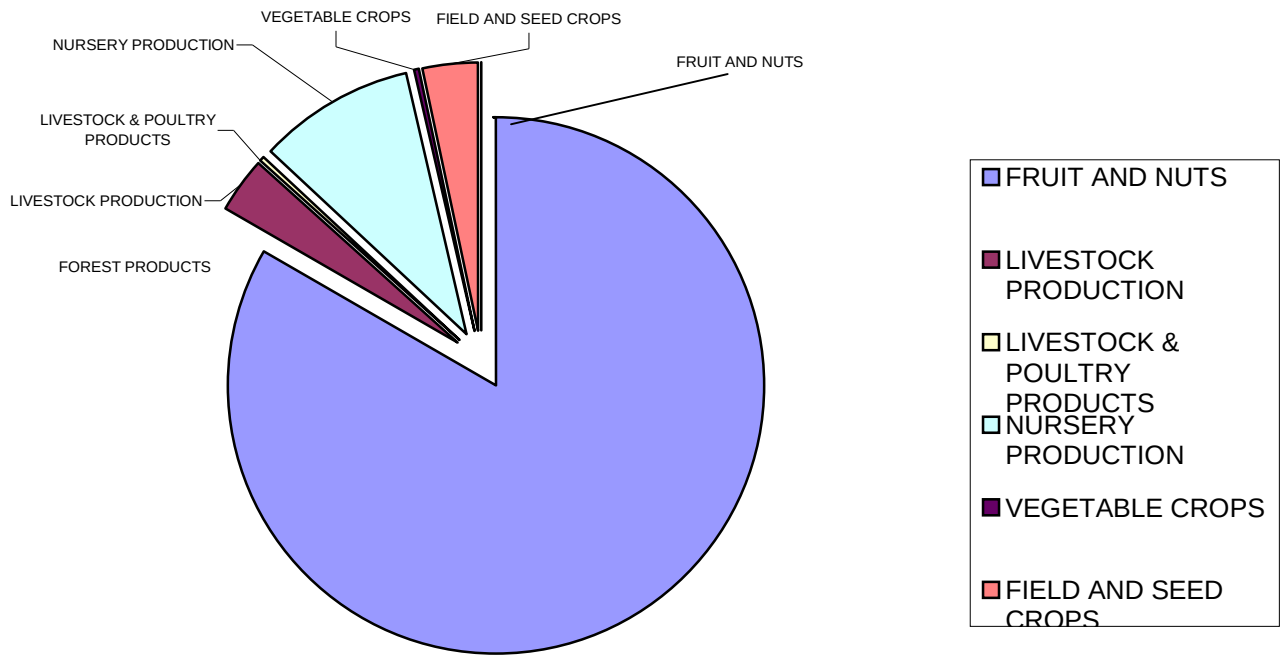
[2] Quantity of timber cut and scaled (Thousand Board Feet)

[3] Value of timber immediately before cutting

SUMMARY OF PRODUCTION

COMMODITY	YEAR	VALUE
FRUIT AND NUTS	2008	**$51,062,217**
	2007	$61,595,000
LIVESTOCK PRODUCTION	2008	**$1,895,400**
	2007	$2,512,537
LIVESTOCK & POULTRY PRODUCTS	2008	**$250,739**
	2007	$146,105
NURSERY PRODUCTION	2008	**$5,774,193**
	2007	$5,112,004
VEGETABLE CROPS	2008	**$219,767**
	2007	$235,500
FIELD AND SEED CROPS	2008	**$1,984,500**
	2007	$2,266,375
FOREST PRODUCTS	2008	$0
	2007	$802,700
GRAND TOTAL	**2008**	**$61,186,816**
	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 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	2 SITES
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, PLUMELESS THISTLE, ARTICHOKE THISTLE, PURPLE STARTHSTILE, 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 [1]

URBAN TRAPS		PROGRAM HOURS
291		1,545

[1] 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

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

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 Euternier, 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 [1]	GROSS VALUE [1]	BEARING ACRES
WINE GRAPES							
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
TOTAL ALL WINE GRAPES		2009	31,623	4.1	$1,216 AVG	$38,450,420	7,715
		2008	27,973	3.5	$1,224	$34,226,955	8,004
PEARS							
BARTLETT [2] 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	*included in By-products*				
		2008	*3,344*		*$52*	*$173,888*	
	BY-PRODUCTS	2009*[4]	4,468		$75	$335,100	
		2008	2,542		$37	$94,054	
TOTAL BARTLETT		2009	36,473	17.55	408 avg	$14,889,114	2,078
		2008	35,453	17.06	405 avg	$14,362,957	2,078
WINTER [2] & ASIAN (INCLUDES BOSC, 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	
TOTAL WINTER & ASIAN		2009	2,746.80	31.57	567 avg	$1,558,326	87
		2008	785	9.02	754 avg	$592,140	87
RED PEARS [2] 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	
TOTAL REDS		2009	801.48	18.64	499 avg	$399,747	43
		2008	621	14.44	892 avg	$553,656	43
TOTAL ALL PEARS		2009	40,021	18.13		$16,847,187	2,208
		2008	36,859	16.69		$15,508,753	2,208
WALNUTS							
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
TOTAL ALL WALNUTS		2009	1,308	0.5	$1,820	$2,380,560	2,600
		2008	640	0.28	$1,950	$1,248,000	2,650
MISCELLANEOUS FRUITS & NUTS							
MISCELLANEOUS [3]		2009				$55,870	71
		2008				$78,509	35
TOTAL ALL FRUIT AND NUTS		2009				$57,734,037	12,594
		2008				$51,062,217	12,897

[1] THIS IS GROSS VALUE AND DOES NOT REPRESENT NET RETURN TO THE PRODUCER.

[2] THIS IS THE FOB PRICE WHICH INCLUDES PROCESSING AND PACKING COSTS.

[3] INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS, AND OLIVES

[4] Baby food was added into By-products in 2009, not a separate item

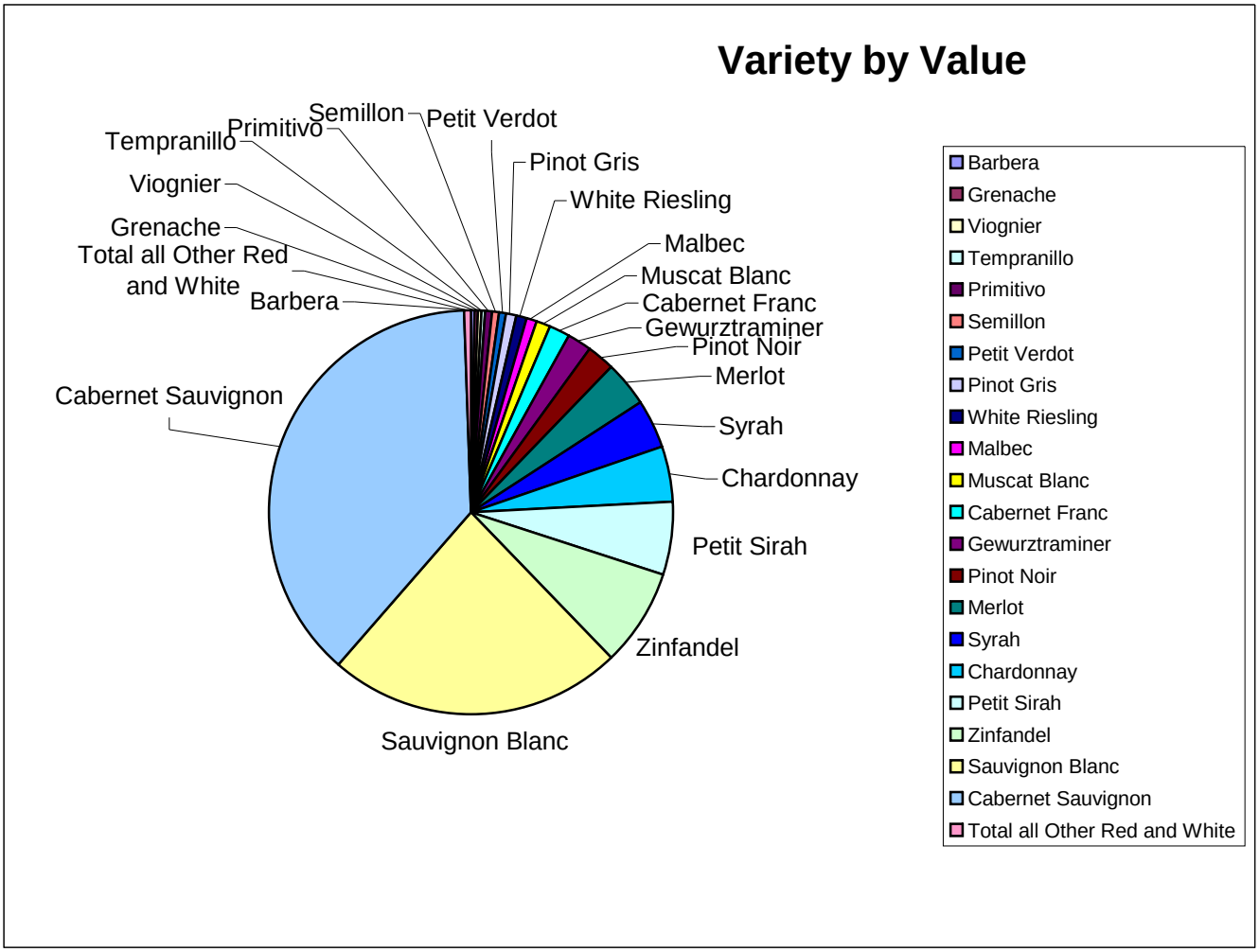
FRUIT AND NUT ACREAGE				
CROP		BEARING ACRES	NON-BEARING ACRES	TOTAL
PEARS	BARTLETT	2,078	10	2,088
	WINTER & ASIAN	87	0	87
	REDS	43	0	43
	TOTAL	**2,208**	**10**	**2,218**
WINE GRAPES	WHITES	2,600	295	2895
	REDS	5,115	202	5317
	TOTAL	**7,715**	**497**	**8,212**
WALNUTS		2,600	150	**2,750**
MISCELLANEOUS [1]		71	25	**96**
TOTAL		**12,594**	**909**	**13,276**
[1] 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
Totals	31,603.90	AVG $1,969.03	$38,450,420



VEGETABLE CROPS			
COMMODITY	YEAR	ACRES	VALUE
MISCELLANEOUS VEGETABLES [1]	**2009**	**35**	**$193,288**
	2008	35	$219,767
[1] INCLUDES PUMPKINS, BEANS, SWEET CORN, GARLIC, HERBS, PEAS, POTATOES, SQUASH, TOMATOES, ETC.			

ORGANIC [1] 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	
TOTAL	**103**	**2,209**	**$2,912,266**
[1] REGISTERED ORGANIC WITH THE LAKE COUNTY AGRICULTURAL COMMISSIONER			

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

OLD PHOTOS OF LAKE COUNTY

Date From 1938 -1960's

Weed Control Unknown Date

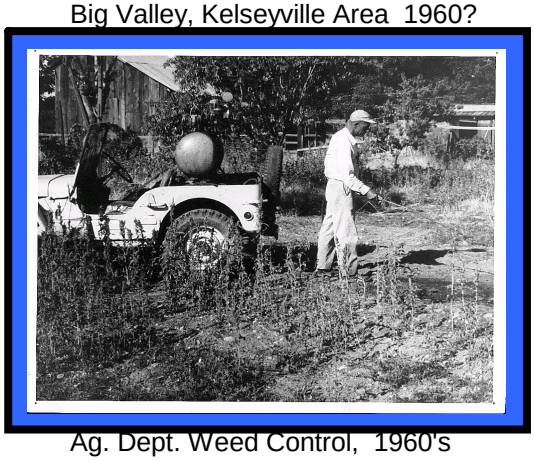
Steaming Pear Trees for Codling Moth 1938?

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 [1] (LIVE WT.)	$ PER CWT	VALUE
CATTLE AND CALVES	**2009**	**2,797**	**22,376**	**$ 84.68**	**$1,894,800**
	2008	2,747	21,976	$ 84.62	$1,859,600
MISCELLANEOUS[2]	**2009**				**$35,856**
	2008				$35,800
TOTALS	**2009**				**$1,971,212**
	2008				$1,895,400

[1]CWT = 100 LBS

[2]INCLUDES GOATS, SHEEP, HOGS, RABBITS AND MEAT CHICKENS.

LIVESTOCK AND POULTRY PRODUCTS

	YEAR		VALUE
MISCELLANEOUS[1]	**2009**		**$101,715**
	2008		**$250,739**

[1] Includes Eggs, Cheese,Wool and Manure

TIMBER HARVEST [1]

ITEM	YEAR	MBF [2]	VALUE [3]
Timber Yield	**2009**	**0**	**0**
	2008	**0**	**0**

[1] Values furnished by the California State Board of Equalization

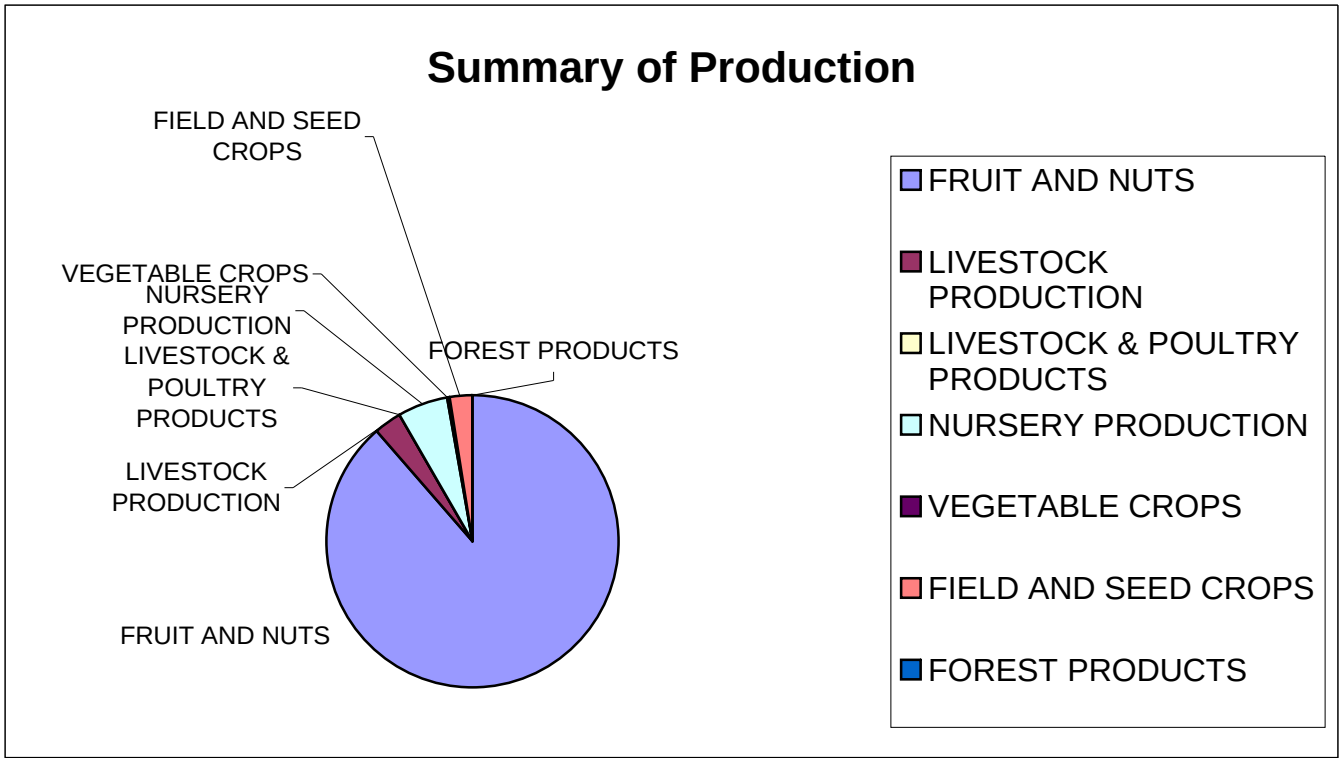
[2] Quantity of timber cut and scaled (Thousand Board Feet)

[3] Value of timber immediately before cutting

SUMMARY OF PRODUCTION

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

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



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 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
	YELLOW STAR THISTLE RUST	2 SITES
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, 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 [1]

URBAN TRAPS		PROGRAM HOURS
294		991

[1] 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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2009 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