

**2007  
SONOMA COUNTY  
AGRICULTURAL  
CROP REPORT**



## OFFICE OF THE AGRICULTURAL COMMISSIONER

**A.G. Kawamura**, Secretary  
California Department of Food and Agriculture

June 3, 2008

and

The Honorable Board of Supervisors of Sonoma County:

**Valerie Brown** – First District  
**Mike Kerns** – Second District, Chairman  
**Tim Smith** - Third District

**Paul L. Kelley** – Fourth District  
**Mike Reilly** – Fifth District

It is with pleasure that I present to you the 2007 Sonoma County Crop Report as prepared pursuant to Section 2279 of the California Food and Agricultural Code. The reported value for 2007 was \$639,055,700, representing a 7.6% increase from the 2006 value of \$593,904,600. This report reflects the gross production values and not the net income or costs of production and marketing.

The gross value increase in 2007 is attributed primarily to livestock and poultry, and products from livestock and poultry such as milk and eggs, which saw an increase in value of 35% (up \$13,566,800) and 58% (up \$43,340,100), respectively. Other commodities that had value increases include: apples (36%), field crops (25%), nursery (6%), and vegetables (3.2%). These increases outweighed the decrease in winegrape value, which was down by 3.9% (down \$16,830,300), which remained our highest valued crop at \$416,549,600. Reduction in winegrape value was due primarily to lower yields than 2006.

This year's report highlights Ag Days, a 28-year tradition in Sonoma County. Every year during this two-day event sponsored by the Sonoma County Farm Bureau, school children learn the important role that agriculture plays in our lives. It is an opportunity for the agricultural community, including our staff, to educate and entertain future generations, and help ensure that the special way of life we enjoy in Sonoma County will continue for years to come.

In addition, I want to thank and recognize the growers, who made this report possible and who make Sonoma County a unique place, where diverse and distinct products are cultivated and shared while sustaining Sonoma County's resources and economy. This report is dedicated to them, and appreciation goes to those who contributed data and information for this year's report. I would also like to recognize our staff members Cree Morgan and Dagny Thomas for their efforts in producing this report, and to Andrew Smith for his assistance and support for this project.

Respectfully submitted,

Lisa Correia  
Agricultural Commissioner/Sealer

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*Cover artwork: Alyssa Schimm, Prestwood Elementary School, Sonoma - Grand Prize winner of Ag Days Poster Contest*

# MILLION DOLLAR CROPS & NURSERY PRODUCTION

## MILLION DOLLAR CROPS

1	Wine Grapes ~ All	\$ 416,549,600
2	Market Milk	\$ 98,707,300
3	Misc. Livestock and Poultry	\$ 39,501,400
4	Misc. Livestock and Poultry Products	\$ 19,915,300
5	Nursery ~ Ornamentals	\$ 10,871,800
6	Cattle and Calves	\$ 10,840,000
7	Vegetables	\$ 7,654,500
8	Misc. Nursery Products	\$ 7,273,100
9	Nursery ~ Bedding Plants	\$ 5,400,000
10	Apples ~ Late Varieties	\$ 5,193,500
11	Nursery ~ Cut Flowers	\$ 3,048,800
12	Apples ~ Gravenstein	\$ 1,948,600
13	Nursery ~ Grapevines	\$ 1,829,100
14	Oat Hay	\$ 1,472,600
15	Sheep and Lambs	\$ 1,416,900



## NURSERY PRODUCTION

Product	Year	Unit	Total
Grapevines (a)	2007		\$ 1,829,100
	2006		\$ 1,976,200
Ornamentals	2007	1,027,663 plant	\$ 10,871,800
	2006	704,150 plant	\$ 9,432,900
Bedding Plants	2007	205,034 flat	\$ 5,400,000
	2006	341,348 flat	\$ 4,203,300
Cut Flowers	2007		\$ 3,048,800
	2006		\$ 2,807,400
Christmas Trees	2007	9,030 each	\$ 387,700
	2006	8,775 each	\$ 368,300
Miscellaneous Products (b)	2007		\$ 7,273,100
	2006		\$ 8,379,300
TOTAL VALUE	2007		\$ 28,810,500
	2006		\$ 27,167,400

(a) includes field grown, non-grafted, bench grafts, greenhouse propagation

(b) includes deciduous fruit and nut trees, liners, bulbs, house plants, orchids, cacti, herbaceous perennials, dry flowers, turf and wreaths

# APPLE PRODUCTION, VEGETABLES & APIARY PRODUCTS

## APPLE PRODUCTION

Crop	Year	Bearing Acres	Tons/Acre	Total Tons	\$/Ton	Dollar Value	Total	
Gravenstein	2007	904	8.91	8,059	\$ 242		\$ 1,948,600	
	2006	939	5.87	5,549	\$ 266		\$ 1,476,600 *	
	Fresh	2007			551	\$ 629	\$ 346,400	
		2006			1,691	\$ 493	\$ 833,200	
	Processed (a)	2007			7,508	\$ 213	\$ 1,602,200	
		2006			3,822	\$ 167	\$ 643,400	
Late Apples	2007	1,997	12.95	25,860	\$ 201		\$ 5,193,500	
	2006	2,103	11.59	24,365	\$ 155		\$ 3,765,200	
	Fresh	2007			541	\$ 646	\$ 349,700	
		2006			2,266	\$ 216	\$ 489,600	
	Processed (a)	2007			25,319	\$ 191	\$ 4,843,800	
		2006			22,099	\$ 148	\$ 3,275,600	
TOTAL	2007	2,901	11.69	33,919	\$ 211		\$ 7,142,100	
	2006	3,042	9.82	29,878	\$ 175		\$ 5,241,800 *	

(a) includes canned, juice, vinegar, cider  
\* revised

## VEGETABLES



Crop	Year	Harvested Acreage	Dollar Value
Miscellaneous	2007	270	\$ 7,654,500
Truck Farms (b)	2006	297	\$ 7,416,600

(b) includes melons, mushrooms, potatoes, pumpkins, sprouts, squash, tomatoes, lettuces, etc.



## APIARY PRODUCTS



TOTAL VALUE	2007	\$403,600
	2006	\$544,300*

includes honey, wax and pollination  
\*revised



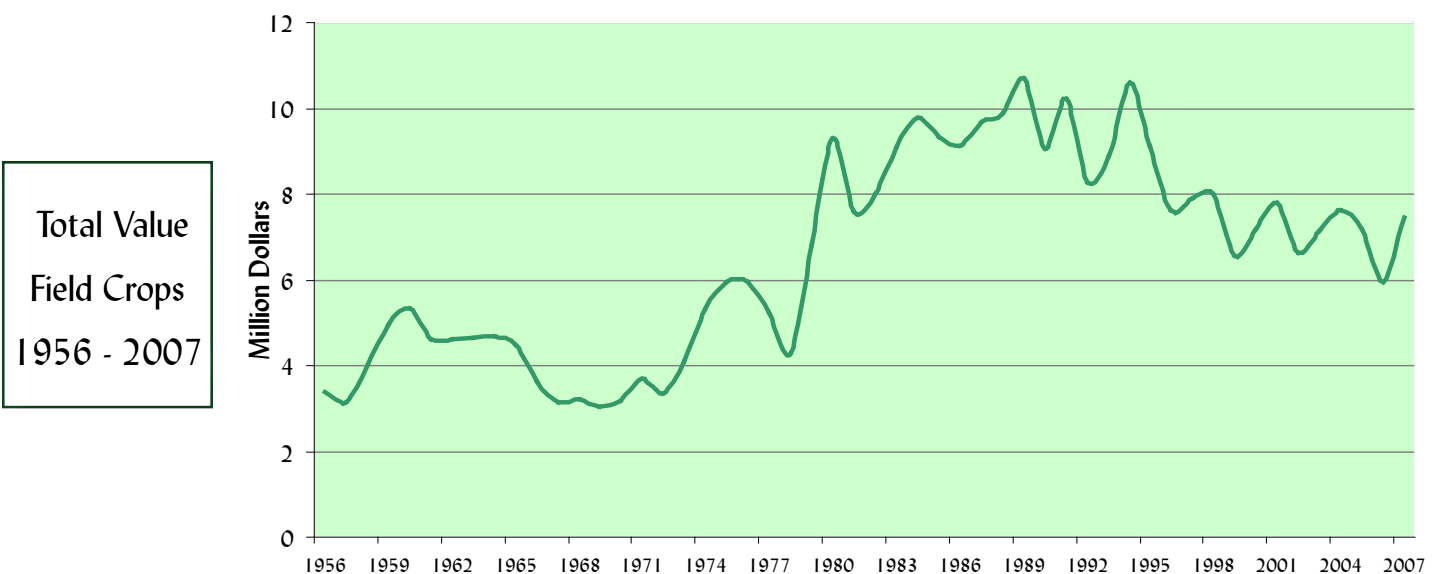
# FIELD CROPS

Crop	Year	Acres	Ton/ Acre	Total Tons	Unit	Per Unit	Total
Hay, Oat	2007	4,470	2.4	11,440	ton	\$ 128.72	\$ 1,472,600
	2006	3,123	1.8	5,499	ton	\$ 108.97	\$ 599,200
Hay, Volunteer	2007	292	2.1	622	ton	\$ 90.84	\$ 56,500
	2006	275	1.7	475	ton	\$ 50.11	\$ 23,800
Green Chop (a)	2007	400	6.6	2,649	ton	\$ 14.99	\$ 39,700
	2006	309	14.1	4,368	ton	\$ 10.16	\$ 44,400
Oats, Grain	2007	753	1.4	1,022	ton	\$ 226.52	\$ 231,500
	2006	655	0.9	604	ton	\$ 166.39	\$ 100,500
Silage, Corn (a)	2007	294	31.1	9,146	ton	\$ 34.23	\$ 313,100
	2006	205	10.0	7,400	ton	\$ 26.50	\$ 196,100
Silage, Oat (a)	2007	2,951	10.5	30,918	ton	\$ 26.53	\$ 820,400
	2006	2,435	10.0	24,351	ton	\$ 24.80	\$ 603,900
Straw	2007						\$ 84,600
	2006						\$ 25,400
Miscellaneous (b)	2007						\$ 231,200
	2006						\$ 132,300
Pasture, Irrigated (c)	2007	7,068			acre	\$ 100.00	\$ 706,800
	2006	7,139			acre	\$ 100.00	\$ 713,900
Rangeland (c)	2007	348,760			acre	\$ 10.00	\$ 3,487,700
	2006	352,283			acre	\$ 10.00	\$ 3,522,900
TOTAL VALUE	2007						\$ 7,444,100
	2006						\$ 5,962,500

(a) value is determined by its feed equivalent

(b) includes alfalfa, barley, safflower, wheat, rye, vetch, sudan, etc.

(c) potential grazing value acreage estimated from Assessor's rolls



# LIVESTOCK & POULTRY SUMMARY

## LIVESTOCK & POULTRY

	Year	Number of Head	Live Weight	Unit	\$/Unit	Total
Cattle/Calves	2007	29,105	153,960	cwt.	\$ 70.41	\$ 10,840,000
	2006	31,805	166,827	cwt.	\$ 67.70	\$ 11,294,200
Sheep/Lambs	2007	19,832	18,528	cwt.	\$ 76.47	\$ 1,416,900
	2006	18,950	17,704	cwt.	\$ 85.56	\$ 1,514,800
Hogs	2007	1,337	3,193	cwt.	\$ 50.54	\$ 158,800
	2006	1,364	3,257	cwt.	\$ 49.74	\$ 162,000
Miscellaneous	2007					\$ 39,501,400
Poultry (a)	2006					\$ 25,379,300
<b>TOTAL VALUE</b>	2007					\$ 51,917,100
	2006					\$ 38,350,300

(a) includes chicks, ducks, turkey poults, fryers, roasters, turkeys, etc

## LIVESTOCK & POULTRY PRODUCTS

Item	Year	Production	Unit	\$/Unit	Total
Milk, Market	2007	5,477,650	cwt.	\$ 18.02	\$ 98,707,300
	2006	5,810,600	cwt.	\$ 11.56	\$ 67,170,600
Milk, Manufacturing	2007	6,207	cwt.	\$ 18.89	\$ 117,300
	2006	9,940	cwt.	\$ 12.63	\$ 125,500
Wool	2007	105,647	lb.	\$ 0.40	\$ 42,300
	2006	124,290	lb.	\$ 0.36	\$ 44,800
Miscellaneous Products (b)	2007				\$ 19,915,300
	2006				\$ 8,101,200
<b>TOTAL VALUE</b>	2007				\$ 118,782,200
	2006				\$ 75,442,100

(b) includes chicken eggs for consumption, market duck eggs, turkey hatching eggs, egg by-products, and goat milk

## INVENTORY

Item	Number
*Cattle and Calves (all)	68,000
Milk Cows and heifers (2 years and over)	27,300
Beef Cows and heifers (2 years and over)	11,000
Sheep and Lambs (all)	15,418
Hogs	1,337
Laying Hens and Pullets	682,037
Goats	1,615
*Number of head as of January 1, 2007—furnished by California Agricultural Statistics Service	

# VINEYARD EROSION & SEDIMENT CONTROL PROJECT SUMMARY & WINEGRAPE ACREAGE GRAPH

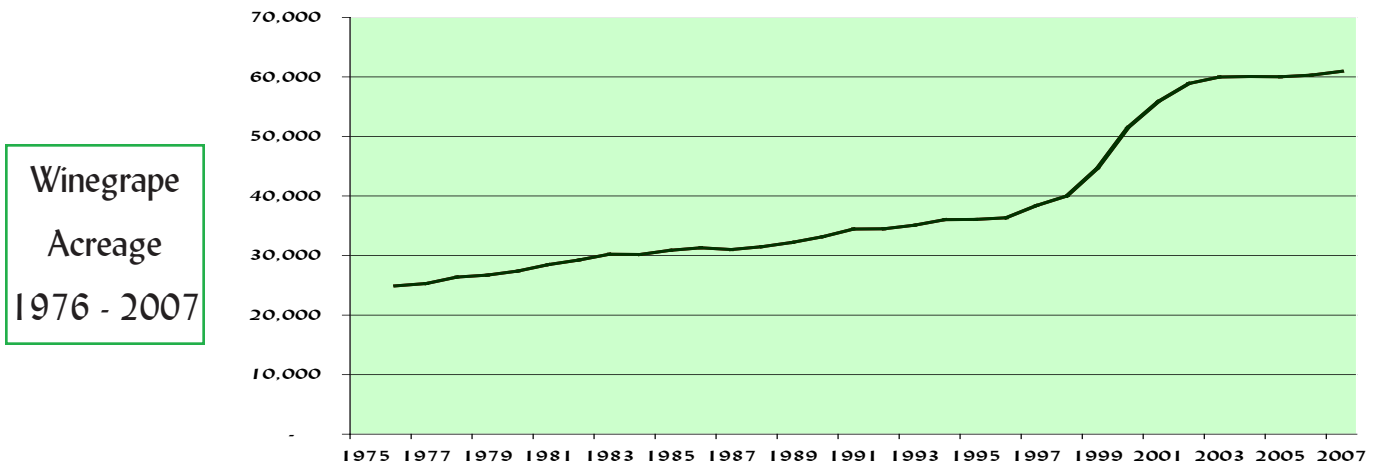
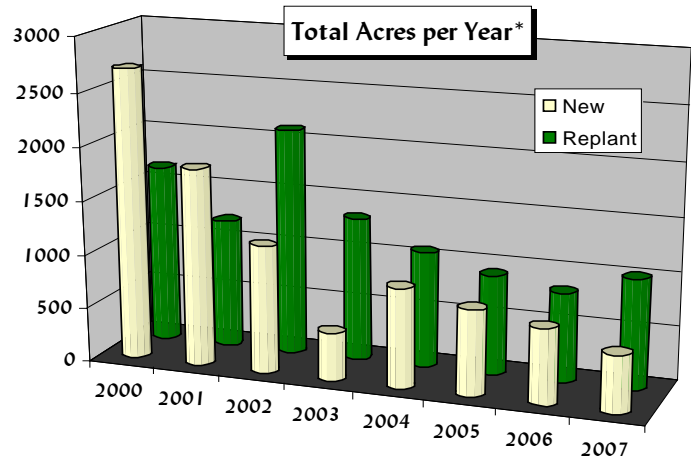
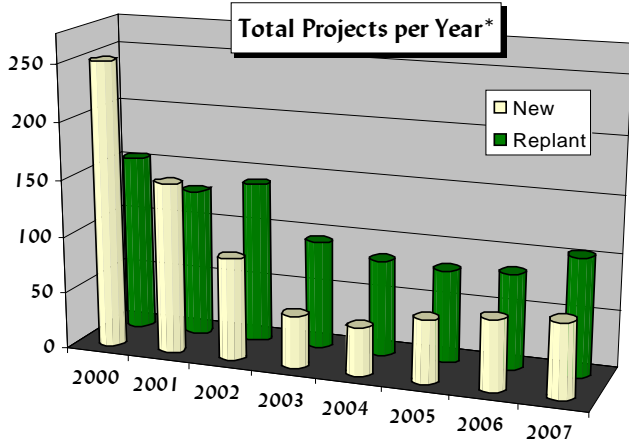
Sonoma County Board of Supervisors adopted the Vineyard Erosion and Sediment Control Ordinance (VESCO) in March of 2000. The Agricultural and Vineyard Conservation Coordinator oversees this program within our division. The ordinance requires an erosion and sediment control plan be approved prior to planting or replanting a vineyard site.

Level I projects are on sites with an average slope less than 10 to 15 percent (depending on soil type). Steeper slopes (Level II and III projects) require a licensed professional prepare the erosion control plan. New plantings are not allowed on slopes 50 percent or greater.

VESCO Projects Submitted\*

Year	New						Replants					
	Level I		Level II & III		Acreage Total	Project Total	Level I		Level II & III		Acreage Total	Project Total
	Projects	Acreage	Projects	Acreage			Projects	Acreage	Projects	Acreage		
2000	210	1,637	41	1,067	2,704	251	153	1,653	2	12	1,665	155
2001	109	1,244	41	595	1,839	150	128	1,185	2	21	1,206	130
2002	58	555	32	631	1,186	90	139	2,073	2	37	2,110	141
2003	25	219	21	228	447	46	89	1,250	6	88	1,338	95
2004	25	216	17	707	923	42	76	997	8	85	1,082	84
2005	32	281	23	514	795	55	79	870	2	60	930	81
2006	49	544	13	151	695	62	78	785	6	47	832	84
2007	45	419	21	115	534	66	100	1,001	4	22	1,023	104
<b>TOTAL</b>	<b>553</b>	<b>5,115</b>	<b>209</b>	<b>4,008</b>	<b>9,123</b>	<b>762</b>	<b>842</b>	<b>9814</b>	<b>32</b>	<b>372</b>	<b>10,186</b>	<b>874</b>

\* Chart displays the number of projects submitted, not necessarily completed, since the adoption of the ordinance.

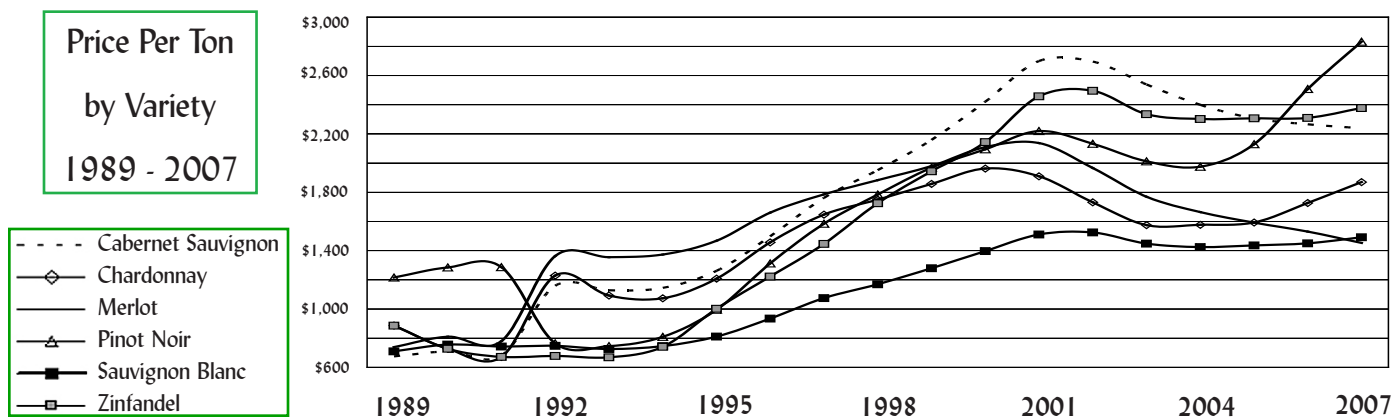




# WINEGRAPE PRODUCTION

Red Varieties	Year	Acreage			Production		
		Bearing	Non-Bearing	Total	Tons	\$/Ton	Total Value
Cabernet Franc	2007	635.6	58.8	694.4	2,066.5	\$ 2,097.15	\$ 4,333,800
	2006	679.1	59.2	738.9	1,664.9	\$ 2,395.21	\$ 3,987,700
Cabernet Sauvignon	2007	11,405.0	688.7	12,093.7	41,550.6	\$ 2,237.73	\$ 92,979,100
	2006	11,527.2	547.4	12,074.6	38,410.3	\$ 2,265.69	\$ 87,025,900
Carignane	2007	180.5	0.6	181.1	384.6	\$ 1,861.81	\$ 716,100
	2006	188.0	1.6	189.6	394.4	\$ 1,804.52	\$ 711,800
Malbec	2007	252.7	77.3	330.0	837.2	\$ 2,487.87	\$ 2,082,900
	2006	241.1	43.3	284.4	1,393.0	\$ 2,483.61	\$ 3,459,700
Merlot	2007	6,206.6	211.8	6,418.4	21,337.4	\$ 1,452.25	\$ 30,987,300
	2006	6,697.4	197.5	6,894.9	26,015.2	\$ 1,529.52	\$ 39,790,800
Meunier	2007	114.4	1.5	115.9	416.7	\$ 2,476.94	\$ 1,032,200
	2006	103.0	3.0	106.0	682.8	\$ 2,166.97	\$ 1,479,700
Petite Sirah	2007	444.7	101.7	546.4	2,320.1	\$ 2,428.79	\$ 5,635,100
	2006	417.3	65.7	483.0	1,708.7	\$ 2,371.27	\$ 4,051,800
Petite Verdot	2007	164.8	52.3	217.1	704.9	\$ 2,688.20	\$ 1,895,000
	2006	167.9	44.7	212.6	651.2	\$ 2,677.21	\$ 1,743,400
Pinot Noir	2007	10,198.1	1,612.3	11,810.3	29,486.9	\$ 2,831.16	\$ 83,482,200
	2006	9,884.7	1,146.2	11,030.9	38,453.8	\$ 2,507.31	\$ 96,415,600
Sangiovese	2007	275.7	13.9	289.6	937.5	\$ 2,008.00	\$ 1,882,500
	2006	288.5	6.8	295.3	1,275.1	\$ 1,924.10	\$ 2,453,500
Syrah-Shiraz	2007	1,749.4	206.0	1,955.4	7,860.4	\$ 2,233.46	\$ 17,555,900
	2006	1,804.9	129.1	1,934.0	6,844.1	\$ 2,231.25	\$ 15,270,900
Zinfandel	2007	5,211.9	244.3	5,456.2	14,591.5	\$ 2,376.30	\$ 34,673,800
	2006	5,433.0	236.4	5,669.4	16,683.7	\$ 2,309.13	\$ 38,524,900
Other Reds	2007	483.9	143.7	627.6	1,754.6	\$ 2,986.55	\$ 5,240,200
	2006	517.5	37.3	554.8	1,469.6	\$ 2,110.57	\$ 3,101,700
<b>TOTAL REDS</b>	2007	37,323.3	3,412.8	40,736.1	124,248.9	\$ 2,273.63 (a)	\$ 282,496,100
	2006	37,950.2	2,518.2	40,468.4	135,646.8	\$ 2,197.01 (a)	\$ 298,017,400

(a) weighted average

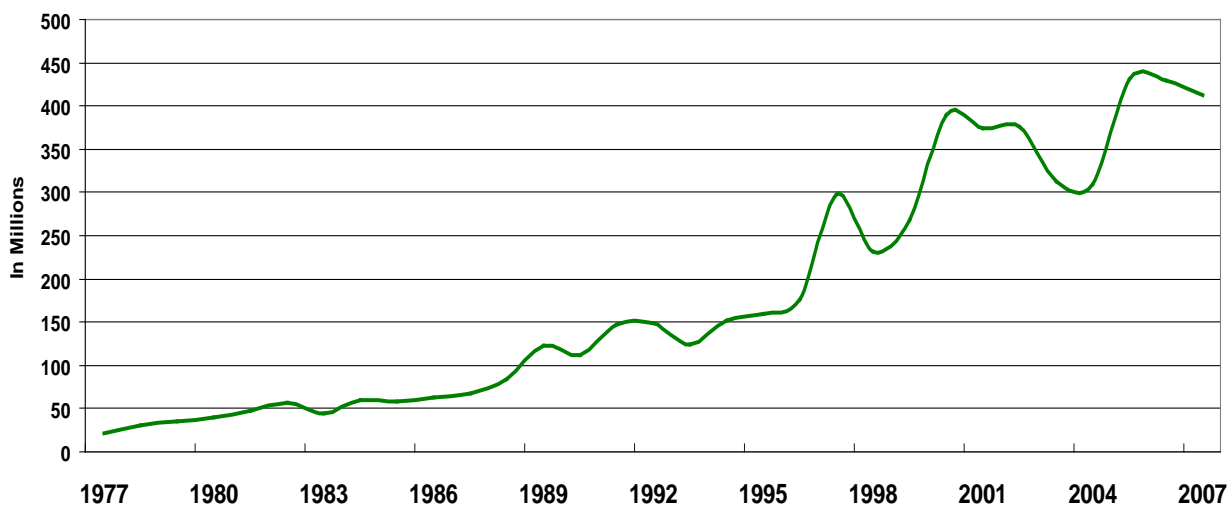


# WINEGRAPE PRODUCTION

White Varieties	Year	Acreage			Production		
		Bearing	Non-Bearing	Total	Tons	\$/Ton	Total Value
Chardonnay	2007	13,950.4	2,077.7	16,028.1	58,433.3	\$ 1,869.52	\$ 109,242,300
	2006	14,071.8	1,696.4	15,768.2	61,986.2	\$ 1,725.98	\$ 106,987,000
French Colombard	2007	80.0	7.6	87.6	434.4	\$ 448.72	\$ 195,000
	2006	90.7	0.0	90.7	352.3	\$ 550.70	\$ 194,100
Gewürztraminer	2007	132.3	15.6	147.9	374.9	\$ 1,570.88	\$ 587,900
	2006	152.2	4.9	157.1	458.6	\$ 1,537.11	\$ 705,000
Muscat Blanc	2007	19.4	0.3	19.7	73.3	\$ 2,049.84	\$ 150,300
	2006	18.6	0.3	18.9	49.0	\$ 2,025.60	\$ 99,300
Pinot Blanc	2007	62.3	0.0	62.3	326.8	\$ 1,669.65	\$ 545,700
	2006	85.6	19.0	104.6	375.9	\$ 1,641.50	\$ 617,100
Pinot Gris	2007	401.6	106.4	508.0	1,583.4	\$ 1,853.87	\$ 2,935,500
	2006	369.8	83.0	452.8	1,813.2	\$ 1,794.95	\$ 3,254,700
Sauvignon Blanc	2007	2,279.1	269.3	2,548.4	10,893.3	\$ 1,490.72	\$ 16,238,900
	2006	2,143.4	402.1	2,545.5	13,461.2	\$ 1,448.86	\$ 19,503,400
Semillon	2007	150.5	1.0	151.0	535.4	\$ 1,923.61	\$ 1,030,000
	2006	158.4	0.0	158.4	650.0	\$ 2,049.64	\$ 1,332,300
Viognier	2007	216.3	59.3	275.6	698.4	\$ 2,238.17	\$ 1,563,200
	2006	250.5	22.2	272.7	629.9	\$ 2,206.26	\$ 1,389,800
White Riesling	2007	25.9	1.0	26.9	150.3	\$ 2,183.18	\$ 328,200
	2006	29.2	6.0	35.2	82.0	\$ 2,353.06	\$ 193,000
Other Whites	2007	221.7	78.8	215.3	781.1	\$ 1,583.02	\$ 1,236,500
	2006	186.8	43.1	229.9	742.4	\$ 1,463.90	\$ 1,086,800
<b>TOTAL WHITES</b>	2007	17,539.0	2,617.0	20,156.0	74,283.9	\$ 1,804.61(a)	\$ 134,053,500
	2006	17,557.0	2,277.0	19,834.0	80,600.7	\$ 1,679.42(a)	\$ 135,362,500
<b>TOTAL WINE GRAPES</b>	2007	54,862.3	6,029.8	60,892.1	198,532.8	\$ 2,081.27(a)	\$ 416,549,600
	2006	55,507.2	4,795.2	60,302.4	216,247.5	\$ 1,990.76 (a)	\$ 433,379,900*

(a) weighted average  
\* revised

**Total Value  
Winegrapes  
1977 - 2007**



# FRUIT & NUT SUMMARY & WORLD WINEGRAPE ACREAGE

## FRUIT & NUT SUMMARY

Crop	Year	Bearing Acres	Tons/Acre	Total Tons	\$/Ton	Dollar Value	Total
Apples (all)	2007	2,901	11.69	33,919	\$ 211		\$ 7,142,100
	2006	3,002	9.82	29,878	\$ 175		\$ 5,241,800
Fresh	2007					\$ 696,100	
	2006					\$ 1,322,800	
Processed (a)	2007					\$ 6,446,000	
	2006					\$ 3,919,000	
Grapes (wine)	2007	54,862	3.62	198,533	\$2,081		\$ 416,549,600
	2006	55,507	3.90	216,248	\$1,991		\$ 433,379,900
Miscellaneous (b)	2007	565					\$ 352,000
	2006	667					\$ 399,800
<b>TOTAL VALUE</b>	2007						\$ 424,043,700
	2006						\$ 439,021,400*

(a) includes canned, juice/cider, vinegar

(b) includes bush-berries, kiwi, walnuts, plums, all pears, strawberries, figs, chestnuts, olives, prunes etc.

\*revised



## FRUIT & NUT ACREAGE SUMMARY

Crop	Bearing	Non-Bearing	Total
Apples	2,901	28	2,929
Grapes (wine)	54,899	6,030	60,928
Olives	285	120	405
Pears	82	1	83
Plums (incl. Prunes)	67	0	67
Walnuts	92	0	92
Miscellaneous	39	0	39
<b>TOTAL ACREAGE</b>	<b>58,365</b>	<b>6,179</b>	<b>64,544</b>

## WORLD WINEGRAPE ACREAGE



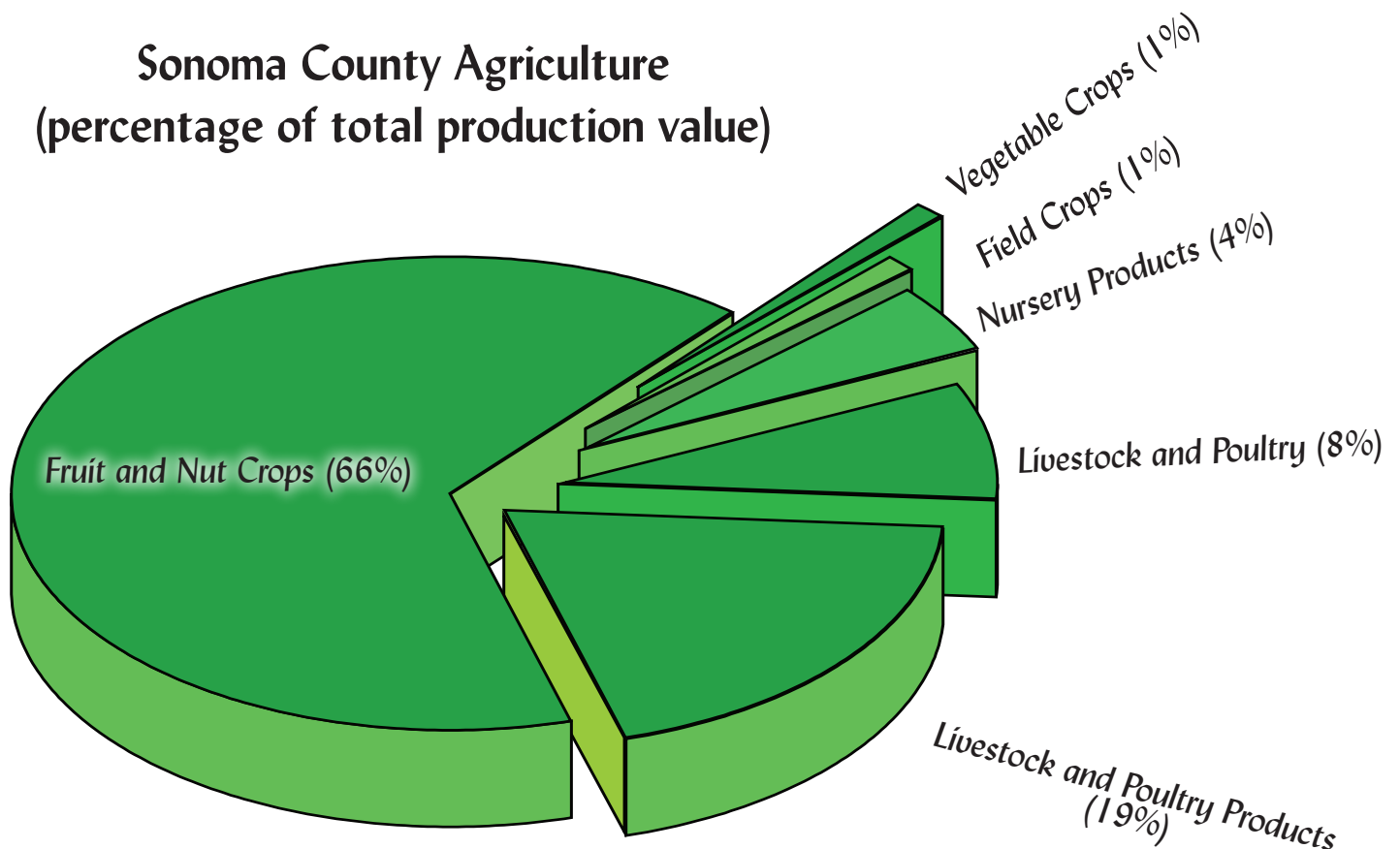
Country	Total Acreage		% Change
	2001	2005	
SPAIN	2,992,000	2,990,000	-0.1%
FRANCE	2,224,000	2,134,000	-4.0%
ITALY	2,204,000	2,110,000	-4.3%
TURKEY	1,395,000	1,400,000	0.4%
CHINA	887,000	1,150,000	29.7%
UNITED STATES	1,052,000	935,000	-11.1%
IRAN	744,000	744,000	0.0%
PORTUGAL	613,000	615,000	0.3%
ROMANIA	610,000	610,000	0.0%
ARGENTINA	506,000	520,000	2.8%
CHILE	447,000	465,000	4.0%
AUSTRALIA	366,000	440,000	20.2%
MOLDOVA	383,000	376,000	-1.8%
GREECE	314,000	320,000	1.9%
SOUTH AFRICA	311,000	320,000	2.9%
<b>TOTAL ACREAGE</b>	<b>19,397,000</b>	<b>19,462,000</b>	<b>2.12%</b>

Source: [www.wineinstitute.org](http://www.wineinstitute.org)

# RECAPITULATION

	2006	2007	CHANGE
APIARY PRODUCTS	\$ 544,300*	\$ 403,600	-25.8%
FIELD CROPS	\$ 5,962,500	\$ 7,444,100	24.8%
VEGETABLE CROPS	\$ 7,416,600	\$ 7,654,500	3.2%
NURSERY PRODUCTS	\$ 27,167,400	\$ 28,810,500	6.0%
LIVESTOCK AND POULTRY	\$ 38,350,300	\$ 51,917,100	35.4%
LIVESTOCK AND POULTRY PRODUCTS	\$ 75,442,100	\$ 118,782,200	57.5%
FRUIT AND NUT CROPS	\$ 439,021,400*	\$ 424,043,700	-3.4%
<b>TOTAL VALUE</b> *revised	\$ 593,904,600*	\$ 639,055,700	7.6%

**Sonoma County Agriculture**  
(percentage of total production value)

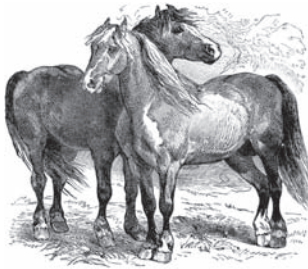


# EQUESTRIAN INVENTORY & TIMBER HARVEST

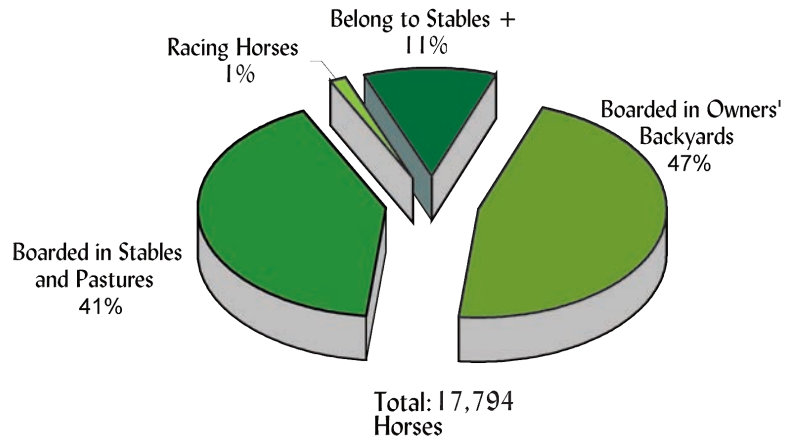
## SONOMA COUNTY EQUESTRIAN INVENTORY

Year	Horses Owned by Households
1994	10,991
1998	11,433
2004	15,783

Informational only; most current data available.  
Sources: Economic Impact Studies for 1994,  
1998 and 2004 by Sonoma State University



## SONOMA COUNTY HORSE OPERATIONS - 2004



## TIMBER HARVEST

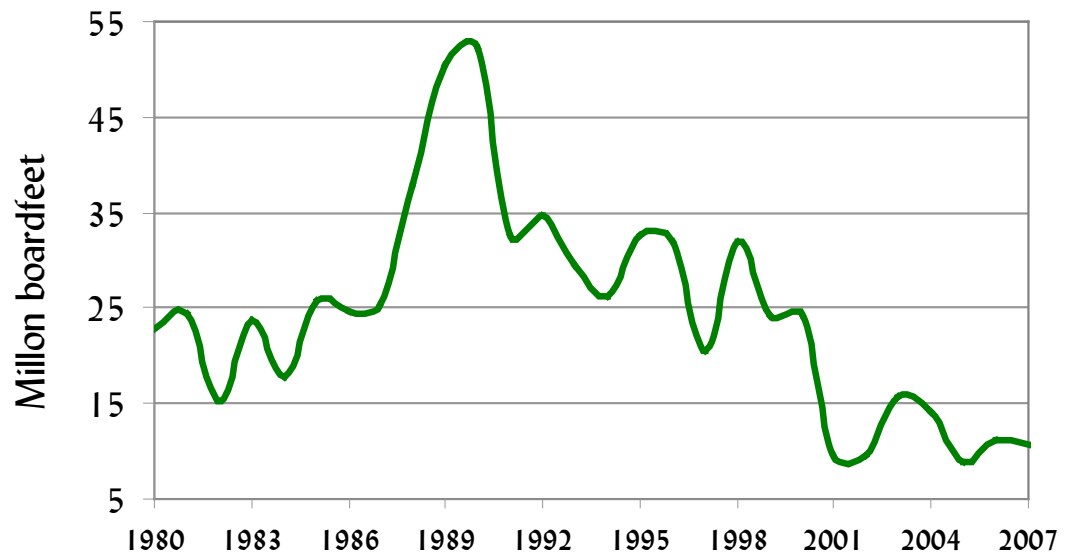
Year	Production	Unit (a)	Value (b)
2007	10,646,000	board feet	\$ 5,497,566
2006	11,196,000	board feet	\$ 6,323,938

(a) board feet is the quantity of timber cut and scaled

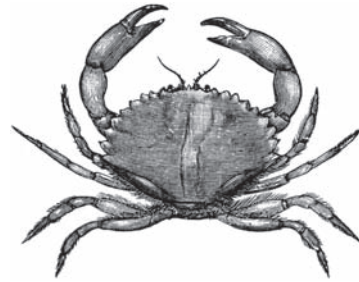
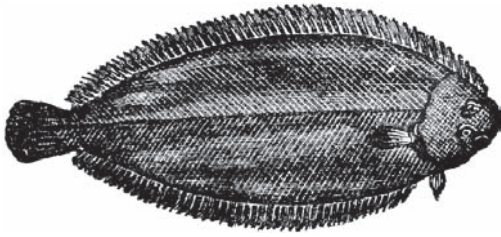
(b) value of the timber immediately before cutting

Informational only. Source: [www.boe.ca.gov/proptaxes/timbertax.htm](http://www.boe.ca.gov/proptaxes/timbertax.htm)

Timber Production  
1980 - 2007



## 2006 COMMERCIAL FISH LANDINGS

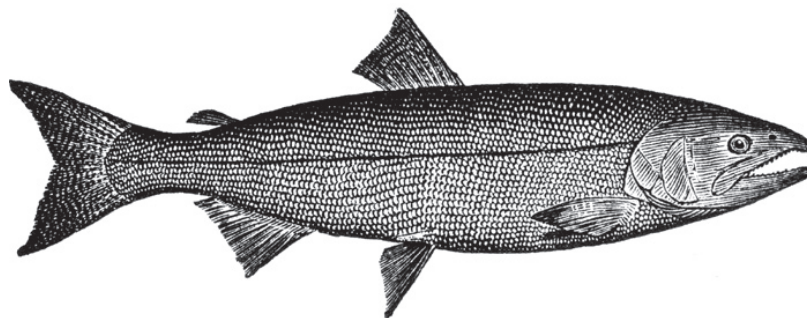


Species		Pounds		Value
Salmon, Chinook	2006	441,522	\$	2,156,101
	2005	545,396	\$	1,601,868
Crab, Dungeness	2006	1,629,970	\$	1,629,970
	2005	1,145,224	\$	1,939,412
Rockfish, all	2006	23,751	\$	53,732
	2005	18,871	\$	75,228
Tuna, Albacore	2006	25,275	\$	43,443
	2005	18,273	\$	17,964
Sole, all	2006	63,896	\$	34,016
	2005	343	\$	387
Sablefish	2006	19,987	\$	24,133
	2005	810	\$	696
Miscellaneous	2006	12,218	\$	9,649
	2005	2,994*	\$	4,915*
Halibut, California	2006	1,612	\$	5,680
	2005	4,221	\$	12,895
Cabezon	2006	1,184	\$	4,199
	2005	1,138	\$	3,673
Lingcod	2006	2,128	\$	3,198
	2005	3,473	\$	5,478
<b>TOTAL</b>	2006	2,232,209	\$	3,968,788
	2005	1,741,573	\$	3,662,682

Informational only-most recent figures provided by California Department of Fish and Game

Source: [www.dfg.ca.gov/marine/fishing.asp](http://www.dfg.ca.gov/marine/fishing.asp)

\*revised



## ABOUT AG DAYS

### AG DAYS BRINGS THE FARM TO TOWN FOR THOUSANDS OF SCHOOL KIDS



This year's Crop Report spotlights Ag Days, a Sonoma County tradition. Ag Days is a special time in Sonoma County, a time when the county's agricultural industry brings a taste of country life to town. Ag Days offers an opportunity for thousands of school children to learn more about the farms and ranches that unfold on the urban edge.

The Sonoma County Farm Bureau annually sponsors the two-day event, which consists of a mini-fair and agricultural exposition where children are encouraged to cuddle piglets, run their fingers through compost, gaze at antique farm equipment and find their way through a giant hay maze. It is a celebration of Sonoma County's \$3 billion farming industry and the rich heritage that continues to define a way of life for Sonoma County residents.

Ag Days has been held each spring for the last 28 years, becoming a vital link between Sonoma County's urban and rural sectors, town and country. The tradition has grown from a few hundred kids per year, to more than 4,000 students who come for their annual experience of cows, sows and plows. This year's Ag Days events were held on April 9th and 10th, and were attended by approximately 4,500 students, 300 teachers and 1,200 parents, totaling over 6,000 people.

Ag Days also holds farm-themed contests, including: essay writing, scarecrow building, farm photography, posters and murals. The 2008 theme for the Ag Days contests was "Local Farms Keep Sonoma County Healthy." This year's Crop Report Cover was the Ag Day poster contest Grand Prize Winner.

The event enjoys community and industry-wide support. Doug Beretta, a Santa Rosa dairy rancher and president of Sonoma County Farm Bureau, has been participating in Ag Days for more than 20 years, bringing Jersey and Holstein calves for city kids to pet and pamper. Mr. Beretta, a born educator, tells the children about his life as a dairy farmer and the joys and challenges of farming.

Mr. Beretta impresses the important role that Ag Days plays, "Ag Days are all about educating and connecting with kids. I look forward to meeting the kids and helping them gain a better understanding of agriculture and our farm practices. There are more urban residents than farmers in Sonoma County, so agriculture's future depends on voters who have an understanding and appreciation for the farming industry that keeps land in open space and maintains the rural character that makes Sonoma County such a special place."

Lex McCorvey, executive director of Sonoma County Farm Bureau, agrees, "Ag Days is a unique opportunity where we can educate children, parents, and teachers about the importance of agriculture to their lives and to the community."

Ag Days has been held as part of the observance of National Agriculture Week, a time set aside by Congress to pay tribute to the contributions, productivity, and efficiency of the American farmer. National Agriculture Week is held in the spring, a time of birth and renewal on the family farm and the most beautiful time in the fields, vineyards, and orchards of Sonoma County. Please join us in celebrating the important role played by Ag Days in preserving our agricultural heritage.

## **“LOCAL FARMS KEEP SONOMA COUNTY HEALTHY”**

**BY CHANCELLOR ORTEGA, 5TH GRADE  
PACIFIC CHRISTIAN ACADEMY**

Local farms keep Sonoma County healthy by farmers producing healthful foods like fruits, vegetables, dairy products and meats. These foods contain nutrients that make people big and strong. These foods will fill people’s stomachs and help make them happy and healthy.

Local farms keep Sonoma County healthy by farmers taking care of our environment. By planting trees around their farm property, carbon dioxide is taken in by plants and oxygen is given off. It’s nature’s air freshener! Farmers take care of the soil and water. Good soil makes crops grow faster and better.

Local farms keep Sonoma County Healthy by adding to our economy. Farming provides jobs for people. Some jobs are on the farm. Other jobs include truck drivers and veterinarians. Products are made and sold at markets. Farmers then buy animal feed, fertilizer, and pay their workers.





## 1999 - 2007 BIOLOGICAL CONTROL PROGRAM

Targeted Noxious Pests		Beneficials Monitored	
Common Name	Genus/Species	Common Name	Genus/Species
Yellow Starthistle	<i>Centaurea solstitialis</i>	Flower Weevil	<i>Larinus curtus</i>
		Hairy Weevil	<i>Eustenopus villosus</i>
		Yellow Starthistle Seedhead Weevil	<i>Bangasternus orientalis</i>
		Yellow Starthistle Seedhead Gall Fly	<i>Urophora sirunaseva</i>
		Yellow Starthistle Rust	<i>Puccinia jaceae</i> var. <i>solstitialis</i>
Red Gum Lerp Psyllid	<i>Glycaspis brimblecombei</i>		<i>Psyllaphaegus blitens</i>
Ash Whitefly	<i>Siphoninus phillyreae</i>		<i>Encarsia partenopea</i>
Italian Thistle	<i>Carduus pycnocephalus</i>	Italian Thistle Seed Weevil	<i>Rhinocyllus conicus</i>
Klamath Weed	<i>Hypericum perforatum</i>	Klamath Weed Beetle	<i>Chrysolina quadrigemina</i>
Puncture Vine	<i>Tribulus terrestris</i>	Puncture Vine Weevil	<i>Microlarinus laerynii</i>
Common Gorse	<i>Ulex europaeus</i>	Gorse Weevil	<i>Exapion ulicis</i>
Scotch Broom	<i>Cytisus scoparius</i>	Scotch Broom Seed Weevil	<i>Exapion fuscirostre</i>
		Scotch Broom Stem Boring Moth	<i>Leucoptera spartifoliella</i>

## ORGANIC FARMING STATISTICS

Commodity	Registrants		Sites		Acres	
	2007	2006	2007	2006	2007	2006
Eggs	7	6	N/A	N/A	N/A	N/A
Fruit/Nuts	72	70	441	508	2,151	2,698
Grain/Hay/Pasture	26	22	80	56	12,502	8,271
Meat	4	4	14	14	N/A	N/A
Milk	23	20	75	59	N/A	N/A
Nurseries	26	23	30	25	95	95
Vegetables	57	55	73	67	318	284
Winegrapes	26	24	67	44	565	652
Handlers	19	19	N/A	N/A	N/A	N/A
Total Individual Registrants	166	226	787	773	15,811	12,000

## PEST DETECTION AND EXCLUSION

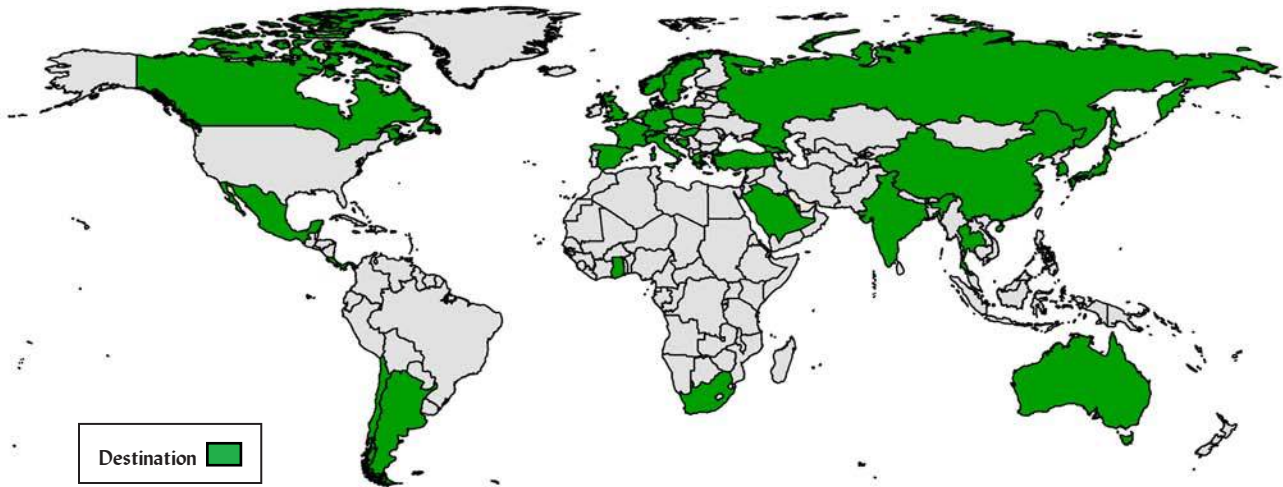
**Trapping:** There were 2,382 traps placed for the detection of exotic insect pests including Mediterranean, Oriental, Olive and Melon Fruit Flies, Gypsy Moth, Japanese Beetle, Khapra Beetle, Asian Longhorned Beetle, and Light Brown Apple Moth. These traps were serviced 19,327 times. There were 161 traps placed in nurseries for the Glassy-winged Sharpshooter (GWSS), which were serviced 3,121 times. Also, 472 traps were placed in urban areas for GWSS, which were serviced 5,979 times. There were no noxious, exotic pests detected through trapping programs in 2007.

**Entryway Survey:** 105 miles and 10 properties were surveyed for the presence of noxious weed and pests.

**Exclusion:** A total of 2,361 premise visits occurred in 2007. Inspections occurred at the express carriers, nurseries, post offices, feed mills, post entry inspections, and pet stores. During these visits, we inspected 44,730 shipments of plant material. One hundred ninety-seven rejections of plant material were made in 2007, which is an increase of 11% compared with 2006 rejections. Rejected plant material was either destroyed or reconditioned and released. To prevent the spread of GWSS into Sonoma County, department personnel inspected 2,145 shipments of nursery material arriving from infested counties in California. There were two shipments of plant material rejected for the presence of viable GWSS egg masses in 2007. There were no GWSS adults intercepted in 2007.

## EXOTIC PEST SPECIES INTERCEPTED IN 2007

Chaff Scale <i>Ceroplastes ceriferus</i>	Black House Ant <i>Ochetellus glaber</i>	Papaya Mealybug <i>Paracoccus marginatus</i>	Jack Beardsley Mealybug <i>Pseudococcus jackbeardsleyi</i>
Skeleton Weed <i>Chondrilla juncea</i>	Purple Scale <i>Lepidosaphes beckii</i>	"a rust fungi" <i>Phragmidium tuberculatum</i>	"a leafhopper" <i>Allygus mixtus</i>
Eucalyptus Borer <i>Phoracantha</i> sp.	Large Yellow Underwing <i>Noctua pronuba</i>	Bigheaded Ant <i>Pheidole megacephala</i>	Eucalyptus Leaf Beetle <i>Trachymela sloanei</i>



Destination	Number of Certificates
Canada	25
Japan	16
French Polynesia	12
China	11
Spain	9
Thailand	8
Argentina	7
France	7
Mexico	7
Chile	6
Hong Kong	6
Italy	6
Russia	6
United Kingdom	5
Australia	3
The Netherlands	3
Switzerland	3
Costa Rica	2
Germany	2
Hungary	2
Panama	2
South Africa	2
Turkey	2

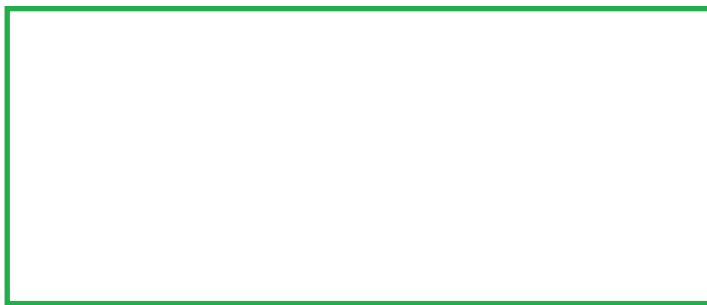
Destination	Number of Certificates
Bosnia & Herzegovina	1
Georgia	1
Ghana	1
Greece	1
India	1
Republic of Korea	1
Luxembourg	1
Norway	1
Poland	1
Saudi Arabia	1
Sweden	1

Commodities Shipped
Oak Pieces for Winemaking
Bird Seed
Corn
Herbs/Spices
Misc. Nursery Stock
Oak Wine Barrels
Redwood Lumber
Winegrapes

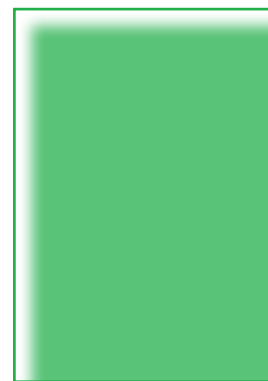
In 2007, the Sonoma County Agricultural Commissioner’s Office issued 163 Federal Phytosanitary Certificates for international shipments and 699 State Phytosanitary Certificates for shipments within the United States. These certificates were issued by staff to assist the agricultural industry and allow materials to cross quarantine boundaries. Phytosanitary certificates document that materials to be shipped have been inspected and certified free from pests as required by the importing state/country.

## 2007 AGRICULTURAL COMMISSIONER'S OFFICE HIGHLIGHTS

- Obtained a grant of approximately \$20,000 through Homeland Security for our Hazardous Materials (Hazmat) program to acquire portable computer equipment that will allow us to provide first responders with highly accurate HazMat GIS data to aid in their response to fires, earthquakes, floods, and other emergencies.
- Intercepted exotic pests, including viable Glassy-winged Sharpshooter egg masses, on incoming plant shipments from other parts of California and the United States. Implemented Light Brown Apple Moth detection program by deploying over 600 traps countywide.
- Collaborated with the California Land Stewardship Institute to develop a Fish Friendly Farming program aimed at implementing long-term improvements in land management, habitat preservation, and water quality enhancement resulting in the certification of 13 agricultural sites.
- Provided outreach to the agricultural and nursery industries, school children, and the public regarding Light Brown Apple Moth, Glassy-winged Sharpshooter, and other exotic pests under our early detection and exclusion programs.
- Streamlined our Pesticide Use Enforcement program by incorporating portable computer based inspection system to replace existing paper forms. Also installed a new Agriculture Permit Database system, which provides more efficient information management and upcoming online submission of pesticide use reports by pesticide users.
- Through grant funding, the Marin Sonoma Weed Management Area printed 10,000 copies of the "Invasive Weeds of Marin & Sonoma Counties" color brochure in English and Spanish. The brochure has been distributed to hundreds of people, making Sonoma and Marin residents aware of the ongoing threat of invasive weed species.



*Glassy-winged Sharpshooter*



*Light Brown Apple Moth*



*Bart "The Inspector"*



*Plastic Container Recycling*

- Conducted outreach and training to pesticide users in implementing new pesticide regulations related to enforcement action response and respiratory protection.
- Participated in the canine pest inspection team, along with other Bay Area counties, that uses specially trained dogs to detect plant material in unlabeled packages at UPS, Fed Ex and DHL which pose a threat of introducing exotic pests.
- Educated the agricultural industry on effective erosion control techniques, including introducing the concept of vegetative filter strips at field boundaries for protection of natural resources.
- Coordinated and sponsored two ag plastic container recycling events, attended by nearly 100 growers, which resulted in 13,700 pounds of plastic being diverted from landfills.

**Did you know that in 2007 our office:**

- Prepared and submitted 525 pest samples to the state laboratory for identification and pest rating determination
- Issued 176 Producer Certificates and 15 Market Certificates in the Certified Farmer's Market program
- Conducted 218 pesticide regulatory inspections
- Inspected over 100 nurseries for plant pests totaling more than 200 acres
- Inspected 2.8 million chicken eggs for defects (via representative sampling)

**2007 SONOMA COUNTY  
AGRICULTURAL COMMISSIONER'S OFFICE STAFF**

**AGRICULTURAL COMMISSIONER/SEALER**

**LISA CORREIA**

**ASSISTANT AGRICULTURAL  
COMMISSIONER/SEALER**

MICHAEL SMITH

**DEPARTMENT ANALYST**

ESTHER MARTINEZ

**CHIEF DEPUTY AGRICULTURAL COM-  
MISSIONER**

STEFAN PARNAY

**AGRICULTURE AND VINEYARD  
CONSERVATION COORDINATOR**

GAIL DAVIS

**DEPUTY AGRICULTURAL  
COMMISSIONERS**

JOSEPH GRAY ~ BRUCE MCARTHUR  
ALEXIS RAMEY

**SENIOR AGRICULTURAL BIOLOGISTS/  
STANDARDS SPECIALISTS**

PRISCILLA LANE ~ SUE OSTROM  
MARILYN VERNON

**AGRICULTURAL BIOLOGISTS/  
STANDARDS SPECIALISTS**

PETE ALBERS ~ GARY BJORK  
DAN CURTIN ~ BECCA FEICKERT  
RON INMAN ~ ALEX MCVICKER  
CREE J. MORGAN ~ ANDREW SMITH  
PAUL TURANO ~ SCOTT WISE

**COUNTY TRAPPERS**

JAMES O'BRIEN ~ JIM CONNORS

**ADMINISTRATIVE/SUPPORT STAFF**  
SUSAN FELLBAUM ~ NAOMI LOZINTO  
DEANNA MCAULAY ~ SUSAN NIELSON  
NINA REESER ~ DAGNY THOMAS

**OTHER SUPPORT STAFF**

DAVID BURTIS ~ GAYLE CARTER  
LEIA GIAMBASTIANI  
APRIL GOLTERMANN  
DEBBIE HANSON ~ PAUL LASKER  
MAGGIE LEWIS ~ RAMON MERAZ  
MARCIA MUNSON ~ JOHN O'KEEFE  
RICHARD OPBROEK ~ STAN PETERSON  
LAURIE RICHARDS ~ JESSICA SCROGGINS  
RON SWINHART