

SONOMA COUNTY AGRICULTURAL CROP REPORT



2008

OFFICE OF THE A



COMMISSIONER

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

July 2009

and

The Honorable Board of Supervisors of Sonoma County:

Valerie Brown – First District, Vice Chair

Mike Kerns – Second District

Shirlee Zane – Third District

Paul L. Kelley – Fourth District, Chairman

Efren Carrillo – Fifth District

It is my privilege to present to you the 2008 Sonoma County Crop Report as prepared pursuant to Section 2279 of the California Food and Agricultural Code. The reported value for 2008 was \$593,407,000, representing a 7.1% decrease from the 2007 value of \$639,055,700. This report reflects the gross production values; not the net income or costs of production and marketing.

The decrease in gross value for 2008 is attributed primarily to an 8.5% reduction in the production value of our principal crop, winegrapes (down \$35,457,600). Reduction in winegrape value was due primarily to lower yields than 2007. We also saw decreases in livestock and poultry of 12.0% (down \$6,251,700) and products from livestock and poultry (such as milk and eggs) which showed a decrease in value of 5.7% (down \$6,776,500). In contrast, other commodities increased in value: apples (11.6%), and vegetables (18.3%).

This year's report covers Certified Farmers' Markets, a robust and cherished community resource. We would like to celebrate our Sonoma County producers who make it possible for County residents to enjoy a varied and fresh assortment of local foods. Our Farmers' Markets promote social equitability, environmental stewardship, and the economic viability of Sonoma County agriculture.

Finally, I want to thank and recognize the growers whose participation enabled the production of this report. Sonoma County is a unique place, where diverse and distinct products are cultivated and shared. This report is dedicated to them, and appreciation goes to those who contributed data and information. Special thanks to my outstanding staff, particularly Cree Morgan, Dagny Thomas, Andrew Smith and Lisa Correia for their efforts in producing this report.

Respectfully submitted,


Cathy V. Neville
Agricultural Commissioner/Sealer

TABLE OF CONTENTS

SONOMA COUNTY FARMERS' MARKETS	3
AGRICULTURE DIVISION SUMMARY	4
WEIGHTS & MEASURES DIVISION SUMMARY	5
ANIMAL CARE AND CONTROL DIVISION SUMMARY	6
MILLION DOLLAR CROPS AND NURSERY PRODUCTION	7
FRUIT & NUT SUMMARY AND WORLD WINEGRAPE ACREAGE	8
VINEYARD AND ORCHARD DEVELOPMENT	9
WINEGRAPE PRODUCTION (REDS)	10
WINEGRAPE PRODUCTION (WHITES)	11
APPLE PRODUCTION, APIARY PRODUCTS AND VEGETABLES	12
LIVESTOCK & POULTRY	13
PLANT HEALTH AND PEST PREVENTION REPORT	14
FIELD CROPS	15
TIMBER HARVEST, EQUESTRIAN INVENTORY AND COMMERCIAL FISH LANDINGS	16
COMMODITY EXPORTS	17
RECAPITULATION	18
WINNING AG DAYS ESSAY	19
DEPARTMENT STAFF	20

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SONOMA COUNTY FARMERS' MARKETS

"What a joy life is when you have made a close working partnership with Nature, helping her to produce for the benefit of mankind new forms, colors, and perfumes in flowers which were never known before; fruits in form, size, and flavor never before seen on this globe..."

– Luther Burbank



It has become increasingly important to know where our food is coming from and how it has been produced. Citizens of Sonoma County seek safe, wholesome and nutritious foods, and place a strong value on our local supply. People are concerned both about the impact their food choices have on our environment and the topic of sustainability. In 1977, the California Department of Food and Agriculture established regulations that allow for the operation of Certified Farmers' Markets in California. The regulations allow Certified Producers to be exempt from standards for packing and containers, and thus allow them to market their agricultural commodities direct to the consumer. With a more diverse group of growers in the market, consumers benefit by the increased access to fresh, local, affordable, and healthy sources of produce. Sonoma County Certified Farmers' Markets have been flourishing ever since.

Certified Farmers' Market locations are registered by the County Agricultural Commissioner. California has over 520 Certified Farmers' Markets, with more markets appearing every year. Statewide, 51% of Farmers' Markets operate year-round. In 2008, there were 13 market locations certified by the Sonoma County Agricultural Commissioner's Office. Three of these markets currently operate year-round. Others are operating seasonally from April/May through October/November. In Sonoma County, there are Farmers' Markets in virtually all regions, including Cloverdale, Cotati, Geyserville, Healdsburg, Oakmont, Occidental, Petaluma, Santa Rosa, Sebastopol, Sonoma, and Windsor. These local markets are operated under the supervision of a Board of Directors, and run by a Farm Market Manager. Many members of the various market boards are Certified Producers themselves.

Farmers become eligible to sell their produce at Certified Farmers' Markets by applying for a Certified Producers Certificate through the County Agricultural Commissioner's Office. Each year, county agricultural biologists visit production sites and every Farmers' Market to verify the producer's crop production and enforce regulations pertaining to food quality and consumer protection. In 2008, there were 147 Certified Producers in Sonoma County. Certified commodities include eggs, honey, nuts, fruits, vegetables, nursery stock and cut flowers.

The benefits of Certified Farmers' Markets are far-reaching. These venues offer a direct connection between the agrarian and urban communities, strengthening each and uniting them both. Farmers' Markets give the consumer and farmer the opportunity to meet face-to-face, creating conversations about how their food is produced, as well as the opportunity to learn about agricultural issues, farming practices, and challenges that affect our local farmers. These farmers are proud of the produce they bring to market and are happy to answer questions about the nuances of their cultivation practices. The markets foster a stronger sense of community, and provide a safe and fun gathering place for producers, neighbors, friends and families. Locals can stroll around or choose to sit and listen to music while enjoying local food. Aside from the bountiful produce, customers at Sonoma County Farmers' Markets enjoy a plethora of other savory delectables such as baked goods, pastries, meats, and cheeses. It is also a great venue for local artisans to display and sell their handmade crafts.

We at the Agricultural Commissioner's Office would like to honor all of our Sonoma County producers whom, through their labor of love, make it possible for Sonoma County residents to have access to such a diverse and fresh assortment of local foods. Our Farmers' Markets foster social equitability, environmental stewardship, and the economic viability of Sonoma County agriculture. They help us move closer to our goal of sustainability.

AGRICULTURE DIVISION SUMMARY

Agriculture División

In 2008 the Agriculture Division:

- Improved efficiency through an increased use of technology including: (1) increasing the number of growers electronically submitting pesticide use reports by approximately 25%, eliminating the need for manual data entry; (2) acquired tablet PCs to provide first responders with accurate data for agricultural sites; (3) transitioning to the use of cellular phones for staff communication working in the field; and (4) launching Permits Plus software used for issuing agricultural site planting permits.
- Performed outreach to 372 nurseries and landscape contractors, architects, and designers to prevent invasive species becoming established. Businesses were educated about invasive ornamental plants in the nursery trade and non-invasive plantes available to use that have similar characteristics.
- Detected exotic pests, most notable is the Light Brown Apple Moth (LBAM), which included approximately 11,365 trap inspections with 20 positive finds for LBAM. Department response included inspecting and certifying approximately 2,000 acres of cropland and approximately 30 nurseries. These inspections allowed businesses to continue the sale and movement of agricultural and plant commodities without interruption due to state and federal imposed quarantines. The division is providing ongoing community and industry outreach and education about the pest and regulatory restrictions.
- The Agricultural Commissioner's staff worked in collaboration with the Permit and Resources Management Department and County Counsel on a new county ordinance that includes orchard and vineyard site development and agricultural grading and drainage as directed by the Board of Supervisors and approved in December 2008. The purpose of the new ordinance is to provide for measures to help prevent soil erosion, and protect water quality and other natural resources. The new ordinance contains several changes to the ordinance that it replaces, the Vineyard Erosion and Sediment Control Ordinance, which was implemented in 2000.

Did you know that in 2008, the Agriculture División...

- Serviced approximately 11,365 LBAM traps, inspected 2,000 acres of vineyard at harvest, and issued 1,450 quarantine compliance agreements
- Prepared and submitted 340 pest samples to state laboratories for identification and pest rating determination
- Issued 147 Producer certificates and 13 Farmers' Market certificates
- Conducted 329 pesticide regulatory inspections, issued 319 Restricted Materials permits, and 925 Operator Identification Numbers
- Inspected over 141 nurseries for plant pests totaling more than 200 acres
- Inspected 2.6 million chicken eggs for defects (via representative sampling)
- Held the annual certified applicator workshop in December 2008, with approximately 325 growers attending
- Sponsored two recycling events with nearly 12,000 pounds of plastic containers diverted from the landfill and 86 growers participating
- Inspected approximately 7,706 incoming shipments of plant material at nurseries and shipping terminals for exotic pests
- Registered 180 organic producers



WEIGHTS & MEASURES DIVISION SUMMARY

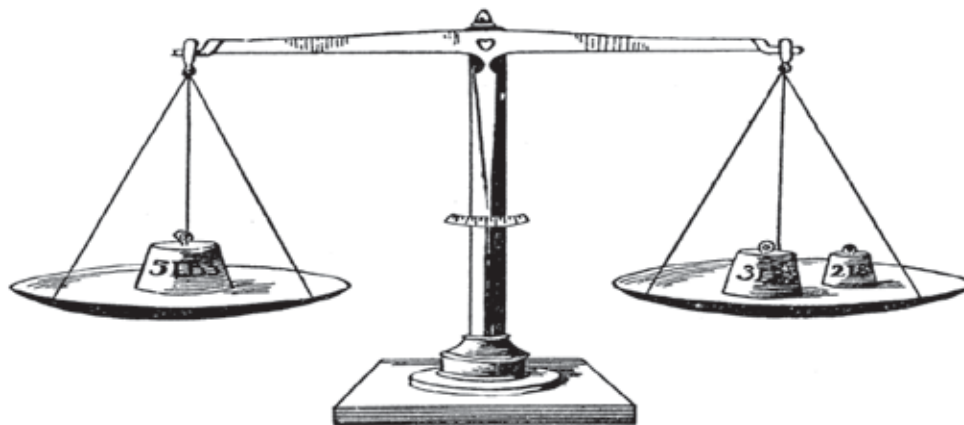
Weights & Measures Division

Since 1916 the Sealer of Weights & Measures has provided equity in the marketplace of Sonoma County. We are responsible for protecting the economic integrity of the community by preserving the public's confidence in the accuracy of commercial weighing and measuring devices and related business practices. We inspect all weighing and measuring devices used in commerce. Inspectors audit businesses for product quantity requirements, retail price scanning standards, and enforce labeling and advertising standards.

The Sealer works closely with the State Division of Measurement Standards and the District Attorney's Office to carry out our mandate. Through the education and enforcement efforts of Weights and Measures Standards Specialists, consumers are assured the means to accurately compare the value of their purchases. Business operators are assured that fair competition is enforced.

Did you know that in 2008 the Weights & Measures Division...

- Verified the accuracy of 3,894 commercial petroleum meters
- Verified the accuracy of 2,356 commercial scales ranging from the smallest jewelry scale measuring in carats to the largest vehicle scale with a capacity of 80,000 lbs
- Verified the accuracy of 1,623 electric meters, 1,772 water meters, and 1,186 vapor (natural gas, propane) meters used in a large portion of apartments and mobile homes in the county
- Recycled 212,540 gallons of water during water meter inspections
- Verified the accuracy of 44 propane delivery trucks as well as the 84 propane meters at service stations that fill your barbecues' propane tank
- Verified the accuracy of 130 taximeters, driving over 700 miles in the process
- Verified the accuracy of scanner price files in 450 retail stores in the county - Overcharges to the consumer exceeded undercharges at a ratio of 2:1
- Ordered OFF-SALE 2,807 packages for short weight or measure contents, or for misleading labeling
- Sent 22 investigations to the District Attorney's Office Environmental and Consumer Law Division for prosecution
- Cost each citizen less than \$2 per year for our program work



ANIMAL CARE AND CONTROL DIVISION SUMMARY

Animal Care and Control División

Did you know that in 2008 the Animal Care and Control División... *

- Responded to 11,479 animal law enforcement service requests
- Performed 954 bite/rabies control investigations
- Booked 3 felony convictions, 72 misdemeanor convictions and 793 infraction convictions
- Took in 5,887 live animals: 3,064 cats, 2,374 dogs and 449 others
- Returned 1,094 animals to their owners: 106 cats, 973 dogs and 15 others
- Transferred 483 animals to other agencies: 263 cats, 138 dogs and 82 others
- Adopted 1,700 animals to good homes: 1,042 cats, 577 dogs and 81 others
- Performed 1,419 pre-adoption spays/neuters: 896 cats, 489 dogs and 34 others
- Performed 472 free public spays/neuters: 258 cats, 206 dogs and 8 others
- Issued 42,629 dog licenses as part of our rabies control efforts
- Monthly had over 70 volunteers contribute time and services (not including foster homes).

(*Unaudited statistics)

Looking Ahead to 2009:

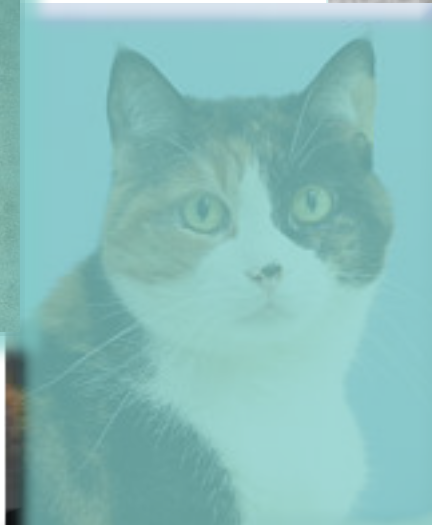
The Animal Care and Control Division has developed a new vision and mission for itself in an effort to better serve the domestic and disadvantaged animals of Sonoma County. They have accomplished this effort through long-term strategic planning.

VISION

“Create a balance between the population of domestic animals and responsible homes to care for them within the County of Sonoma.”

MISSION

- Protect the health and safety of people and animals
- Investigate and prosecute animal cruelty, abuse and neglect
- Educate the public about responsible domestic animal ownership
- Reduce pet overpopulation through spay/neuter programs
- Provide a safe environment for animals in need
- Place adoptable animals into caring homes



MILLION DOLLAR CROPS AND NURSERY PRODUCTION

MILLION DOLLAR CROPS

1	Winegrapes ~ All	\$381,092,000
2	Market Milk	\$ 95,630,800
3	Miscellaneous Poultry	\$ 33,448,500
4	Misc. Livestock and Poultry Products	\$ 16,174,900
5	Nursery ~ Ornamentals	\$ 11,691,000
6	Cattle and Calves	\$ 10,435,800
7	Misc. Nursery Products	\$ 9,482,000
8	Vegetables	\$ 9,058,000
9	Apples ~Late Varieties	\$ 5,873,900
10	Nursery ~ Bedding Plants	\$ 4,510,700
11	Nursery ~ Cut Flowers	\$ 2,750,700
12	Apples ~ Gravenstein	\$ 2,099,100
13	Sheep and Lambs	\$ 1,641,900
14	Oat Hay	\$ 1,495,300
15	Oat Silage	\$ 1,054,400



NURSERY PRODUCTION

Product	Year		Unit		Total
Ornamentals	2008	2,264,904	plant	\$	11,691,000
	2007	1,027,663	plant	\$	10,871,800
Bedding Plants	2008	209,372	flat	\$	4,510,700
	2007	205,034	flat	\$	5,400,000
Cut Flowers	2008			\$	2,750,700
	2007			\$	3,048,800
Christmas Trees	2008	8,051	each	\$	360,100
	2007	9,030	each	\$	387,700
Miscellaneous Products (a)	2008			\$	9,482,000
	2007			\$	9,102,200*
TOTAL VALUE	2008			\$	28,794,500
	2007			\$	28,810,500

(a) includes grapevines, deciduous fruit and nut trees, liners, bulbs, forest seedlings, house plants, herbaceous perennials, dry flowers, turf and wreaths

* revised

FRUIT & NUT SUMMARY AND WORLD WINEGRAPE ACREAGE

FRUIT & NUT SUMMARY

Crop	Year	Bearing Acres	Tons/Acre	Total Tons	\$/Ton	Dollar Value	Total
Apples (all)	2008	2,840	11.66	33,106	\$ 241		\$ 7,973,000
	2007	2,901	11.69	33,919	\$ 211		\$ 7,142,100
Fresh	2008					\$ 1,016,500	
	2007					\$ 696,100	
Processed (a)	2008					\$ 6,956,400	
	2007					\$ 6,446,000	
Grapes (wine)	2008	55,431	3.05	168,992	\$2,238		\$ 381,092,000
	2007	58,899	3.62	198,533	\$2,081		\$ 416,549,600
Olives (b)	2008						\$ 181,300
	2007						\$ 131,000
Miscellaneous (c)	2008						\$ 488,500
	2007						\$ 221,000
TOTAL VALUE	2008						\$ 389,734,800
	2007						\$ 424,043,700

(a) includes canned, juice, cider, vinegar

(b) previously included in Miscellaneous

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



FRUIT & NUT ACREAGE SUMMARY

Crop	Bearing	Non-Bearing	Total
Apples	2,840	52	2,892
Grapes (wine)	55,431	6,540	61,972
Olives	379	75	454
Pears	52	1	53
Plums (incl. Prunes)	67	0	67
Walnuts	92	0	92
Miscellaneous	39	0	39
TOTAL ACREAGE	58,900	6,668	65,569

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%
TOTAL ACREAGE	19,397,000	19,462,000	2.12%

Source: www.wineinstitute.org

VINEYARD AND ORCHARD DEVELOPMENT ORDINANCE PROJECT SUMMARY

Sonoma County Board of Supervisors adopted the Vineyard Erosion and Sediment Control Ordinance (VESCO) in February 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.

PROJECTS SUBMITTED*

Year	New						Replants					
	Level I		Level II & III		Acreage	Project	Level I		Level II & III		Acreage	Project
	Projects	Acreage	Projects	Acreage	Total	Total	Projects	Acreage	Projects	Acreage	Total	Total
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
2008	61	1,157	27	272	1,429	88	97	1,110	4	22	1,132	101
TOTAL	614	6,272	236	4,280	9,657	850	939	10,924	36	394	11,318	975

* Chart displays the number of projects submitted, not necessarily completed, since the adoption of the ordinance in 2000



WINEGRAPE PRODUCTION

Red Varieties	Year	Acreage			Production		
		Bearing	Non-Bearing	Total	Tons	\$/Ton	Total Value
Cabernet Franc	2008	638.7	49.9	688.6	1,594.8	\$ 2,338.83	\$ 3,730,000
	2007	635.6	58.8	694.4	2,066.5	\$ 2,097.15	\$ 4,333,800
Cabernet Sauvignon	2008	11,576.0	678.4	12,254.4	31,870.8	\$ 2,321.51	\$ 73,988,400
	2007	11,405.0	688.7	12,093.7	41,550.6	\$ 2,237.73	\$ 92,979,100
Carignane	2008	181.1	0.0	181.1	327.7	\$ 1,944.90	\$ 637,400
	2007	180.5	0.6	181.1	384.6	\$ 1,861.81	\$ 716,100
Malbec	2008	272.0	76.0	348.0	787.6	\$ 2,550.60	\$ 2,008,900
	2007	252.7	77.3	330.0	837.2	\$ 2,487.87	\$ 2,082,900
Merlot	2008	5,875.6	133.4	6,009.0	13,298.5	\$ 1,555.48	\$ 20,685,600
	2007	6,206.6	211.8	6,418.4	21,337.4	\$ 1,452.25	\$ 30,987,300
Meunier	2008	105.9	4.5	110.4	325.2	\$ 2,769.47	\$ 900,700
	2007	114.4	1.5	115.9	416.7	\$ 2,476.94	\$ 1,032,200
Petite Sirah	2008	466.4	98.1	564.5	1,905.9	\$ 2,535.97	\$ 4,833,400
	2007	444.7	101.7	546.4	2,320.1	\$ 2,428.79	\$ 5,635,100
Petite Verdot	2008	174.4	45.1	219.5	650.3	\$ 2,707.89	\$ 1,761,000
	2007	164.8	52.3	217.1	704.9	\$ 2,688.20	\$ 1,895,000
Pinot Noir	2008	10,293.2	2,242.5	12,535.7	29,441.5	\$ 3,170.71	\$ 93,350,500
	2007	10,198.1	1,612.3	11,810.3	29,486.9	\$ 2,831.16	\$ 83,482,200
Sangiovese	2008	277.6	14.9	292.5	716.8	\$ 2,226.54	\$ 1,596,000
	2007	275.7	13.9	289.6	937.5	\$ 2,008.00	\$ 1,882,500
Syrah-Shiraz	2008	1,770.6	216.4	1,987.0	4,789.9	\$ 2,331.26	\$ 11,166,600
	2007	1,749.4	206.0	1,955.4	7,860.4	\$ 2,233.46	\$ 17,555,900
Zinfandel	2008	5,384.5	237.1	5,621.6	12,190.6	\$ 2,485.66	\$ 30,301,700
	2007	5,211.9	244.3	5,456.2	14,591.5	\$ 2,376.30	\$ 34,673,800
Other Reds	2008	512.7	80.7	593.4	1,5828.8	\$ 1,619.83	\$ 2,476,400
	2007	483.9	143.7	627.6	1,754.6	\$ 2,986.55	\$ 5,240,200
TOTAL REDS	2008	37,528.7	3,877.0	41,405.7	99,428.4	\$ 2,488.59 (a)	\$ 247,436,600
	2007	37,323.3	3,412.8	40,736.1	124,248.9	\$ 2,273.63 (a)	\$ 282,496,100

(a) weighted average

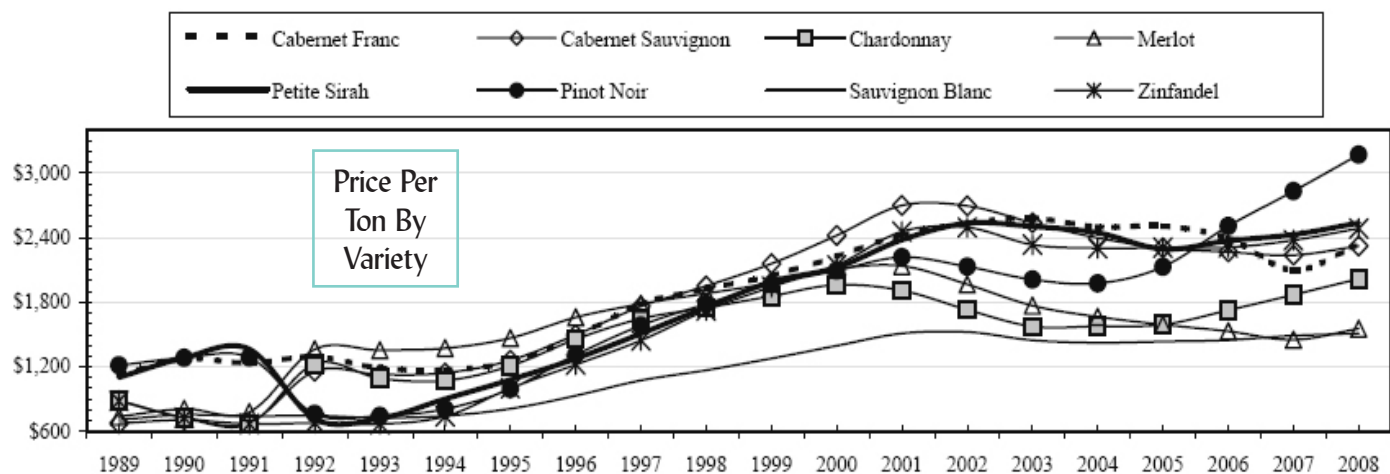
Total Value
Winegrapes
1978-2008



WINEGRAPE PRODUCTION

White Varieties	Year	Acreage			Production		
		Bearing	Non-Bearing	Total	Tons	\$/Ton	Total Value
Chardonnay	2008	14,255.9	2,140.0	16,395.9	53,533.1	\$ 2,016.52	\$ 107,950,600
	2007	13,950.4	2,077.7	16,028.1	58,433.3	\$ 1,869.52	\$ 109,242,300
French Colombard	2008	65.3	0.0	65.3	284.8	\$ 524.46	\$ 149,400
	2007	80.0	7.6	87.6	434.4	\$ 448.72	\$ 195,000
Gewürztraminer	2008	122.0	21.1	143.1	367.1	\$ 1,617.10	\$ 593,700
	2007	132.3	15.6	147.9	374.9	\$ 1,570.88	\$ 587,900
Muscat Blanc	2008	19.3	0.3	19.6	43.6	\$ 1,967.16	\$ 85,800
	2007	19.4	0.3	19.7	73.3	\$ 2,049.84	\$ 150,300
Pinot Blanc	2008	62.3	0.0	62.3	254.4	\$ 1,740.50	\$ 442,800
	2007	62.3	0.0	62.3	326.8	\$ 1,669.65	\$ 545,700
Pinot Gris	2008	419.4	90.5	509.9	1,529.6	\$ 1,945.49	\$ 2,975,900
	2007	401.6	106.4	508.0	1,583.4	\$ 1,853.87	\$ 2,935,500
Sauvignon Blanc	2008	2,302.5	334.8	2,637.3	11,872.8	\$ 1,510.90	\$ 17,938,700
	2007	2,279.1	269.3	2,548.4	10,893.3	\$ 1,490.72	\$ 16,238,900
Semillon	2008	150.1	6.2	156.3	370.5	\$ 1,970.72	\$ 730,200
	2007	150.5	1.0	151.5	535.4	\$ 1,923.61	\$ 1,030,000
Viognier	2008	253.2	40.2	293.4	449.1	\$ 2,360.65	\$ 1,060,200
	2007	216.3	59.3	275.6	698.4	\$ 2,238.17	\$ 1,563,200
White Riesling	2008	26.9	0.0	26.9	185.0	\$ 2,164.07	\$ 400,400
	2007	25.9	1.0	26.9	150.3	\$ 2,183.18	\$ 328,200
Other Whites	2008	225.8	30.1	255.9	673.6	\$ 1,971.05	\$ 1,327,700
	2007	136.5	78.8	215.3	781.1	\$ 1,583.02	\$ 1,236,500
TOTAL WHITES	2008	17,902.7	2,663.2	20,565.9	69,563.6	(a) \$ 1,921.34	(a) \$ 133,655,400
	2007	17,453.8	2,617.0	20,071.3	74,283.9	(a) \$ 1,804.61	(a) \$ 134,053,500
TOTAL WINE GRAPES	2008	55,431.4	6,540.2	61,971.6	168,992.0	\$ 2,237.75	\$ 381,092,000
	2007	54,777.1	6,029.8	60,807.4	198,532.8	\$ 2,081.27	\$ 416,549,600

(a) weighted average



APPLE PRODUCTION, APIARY PRODUCTS, AND VEGETABLES

APPLE PRODUCTION

Crop	Year	Bearing Acres	Tons/Acre	Total Tons	\$/Ton	Dollar Value	Total	
Gravenstein	2008	875	9.00	7,877	\$ 266		\$ 2,099,100	
	2007	904	8.91	8,059	\$ 242		\$ 1,948,600	
	Fresh	2008			573	\$ 715	\$ 409,565	
		2007			551	\$ 629	\$ 346,400	
	Processed (a)	2008			7,304	\$ 231	\$ 1,689,459	
		2007			7,508	\$ 213	\$ 1,602,200	
Late Apples	2008	1,965	12.84	25,229	\$ 233		\$ 5,873,900	
	2007	1,997	12.95	25,860	\$ 201		\$ 5,193,500	
	Fresh	2008			1,675	\$ 362	\$ 606,892	
		2007			541	\$ 646	\$ 349,700	
	Processed (a)	2008			23,554	\$ 224	\$ 5,266,924	
		2007			25,319	\$ 191	\$ 4,843,800	
TOTAL	2008	2,840	11.66	33,106	\$ 241		\$ 7,973,000	
	2007	2,901	11.69	33,919	\$ 211		\$ 7,142,100	

(a) includes canned, juice, vinegar, and cider

APIARY PRODUCTS



TOTAL VALUE*	2008	\$274,000
	2007	\$403,600

*includes honey, wax and pollination

VEGETABLES



Crop	Year	Harvested Acreage	Dollar Value
Miscellaneous	2008	543	\$ 9,058,000
Vegetables (a)	2007	487*	\$ 7,654,500

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

* revised

LIVESTOCK & POULTRY SUMMARY

LIVESTOCK & POULTRY

	Year	Number of Head	Live Weight	Unit	\$/Unit	Total
Cattle/Calves	2008	28,243	148,517	cwt.	\$ 70.27	\$ 10,435,800
	2007	29,105	153,960	cwt.	\$ 70.41	\$ 10,840,000
Sheep/Lambs	2008	18,363	20,552	cwt.	\$ 79.89	\$ 1,641,900
	2007	19,832	18,528	cwt.	\$ 76.47	\$ 1,416,900
Hogs	2008	1,284	3,068	cwt.	\$ 46.37	\$ 139,200
	2007	1,337	3,193	cwt.	\$ 50.54	\$ 158,800
Miscellaneous Poultry (a)	2008					\$ 33,448,500
	2007					\$ 39,501,400
TOTAL VALUE	2008					\$ 45,665,400
	2007					\$ 51,917,100

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

LIVESTOCK & POULTRY PRODUCTS

Item	Year	Production	Unit	\$/Unit	Total
Milk, Market	2008	5,387,648	cwt.	\$ 17.75	\$ 95,630,800
	2007	5,477,650	cwt.	\$ 18.02	\$ 98,707,300
Milk, Manufacturing	2008	8,701	cwt.	\$ 18.85	\$ 164,000
	2007	6,207	cwt.	\$ 18.89	\$ 117,300
Wool	2008	89,800	lb.	\$ 0.40	\$ 36,000
	2007	105,647	lb.	\$ 0.40	\$ 42,300
Miscellaneous Products (b)	2008				\$ 16,174,900
	2007				\$ 19,915,300
TOTAL VALUE	2008				\$ 112,005,700
	2007				\$ 118,782,200

(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) *	70,000
Milk Cows and heifers (2 years and over)	26,800
Beef Cows and heifers (2 years and over)	10,000
Sheep and Lambs (all)	14,276
Hogs	1,284
Laying Hens and Pullets	1,441,800
Goats	1,597

*Number of head as of January 1, 2008—furnished by California Agricultural Statistics Service

1999 - 2008 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 var. 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 lareynii</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	
	2008	2007	2008	2007	2008	2007
Eggs	7	7	N/A	N/A	N/A	N/A
Fruits/Nuts	78	72	464	441	2,264	2,151
Grain/Hay	29	26	127	80	13,924	12,502
Meat	4	4	16	14	N/A	N/A
Milk	24	23	119	75	N/A	N/A
Nurseries	30	26	44	30	96	95
Vegetables	56	57	90	73	323	318
Winegrapes	30	26	68	67	774	565
Handlers	24	19	N/A	N/A	N/A	N/A
Total Individual Registrants	177	166	701	787	15,973	15,811

PEST DETECTION

Trapping: There were 2,209 traps placed for the detection of exotic insect pests including Mediterranean, Oriental, Olive and Melon Fruit Flies, Gypsy Moth, Japanese Beetle, Khapra and Asian Longhorned Beetles, and Light Brown Apple Moth. These traps were serviced 24,767 times. There were 146 traps placed in nurseries for the Glassy-winged Sharpshooter (GWSS), which were serviced 2,279 times. In addition, 475 traps were placed in urban areas for GWSS, which were serviced 6,650 times. The Light Brown Apple Moth was the only exotic pest detected through trapping in 2008.

Entryway Survey: 65 miles and 5 properties were surveyed for the presence of noxious weed and pests.

PEST EXCLUSION

A total of 2,326 premise visits occurred in 2008. During these visits, we inspected 42,264 shipments of plant material. Inspections occurred at the express carriers, nurseries, post offices, feed mills, post entry inspections, vineyards and other farms, and pet stores. To assist our industry, we issued 154 federal phytosanitary documents for international shipments and 709 state phytosanitary documents for shipments to other states. Ninety-one rejections of plant material were made, which is a decrease of 64% compared with 2007 rejections. Rejected plant material was either destroyed or reconditioned and released. To prevent the spread of GWSS into Sonoma County, department personnel inspected 2,322 shipments of nursery material arriving from infested counties in California. There were no shipments of plant material rejected for the presence of viable GWSS egg masses in Sonoma County in 2008. There were no GWSS adults intercepted in 2008.

EXOTIC PEST SPECIES INTERCEPTED IN 2008

Light Brown Apple Moth <i>Epiphyas postvittana</i>	Small Hive Beetle <i>Aethina tumida</i>	Magnolia White Scale <i>Pseudaulacaspis cockerelli</i>	"An Aphid" <i>Cinara sp.</i>
Coconut Scale <i>Aspidiotus destructor</i>	Vine Mealybug <i>Planococcus ficus</i>	Australian Sod Fly <i>Inopus rubriceps</i>	Quackgrass <i>Elytrigia repens</i>
Chrysanthemum White Rust <i>Puccinia horiana</i>	"A Weevil" <i>Gonipteris sp.</i>	White-footed Ant <i>Technomyrmex albipes</i>	Macadamia White Scale <i>Pseudaulacaspis brimblecombei</i>

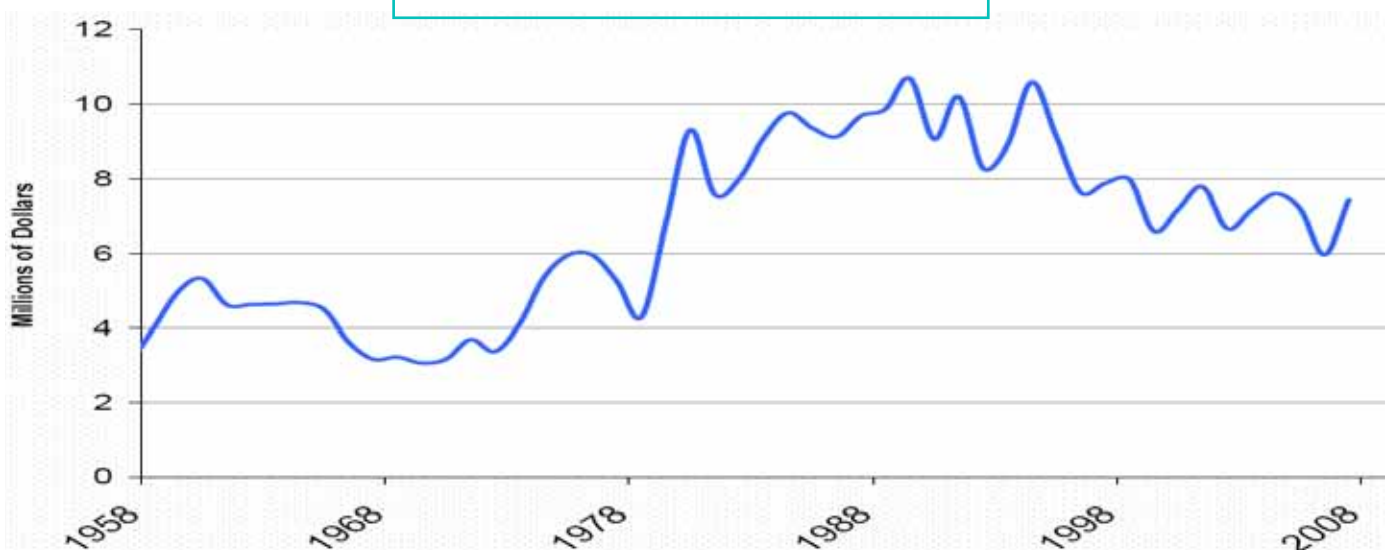
Crop	Year	Acres	Ton/ Acre	Total Tons	Unit	Per Unit	Total
Hay, Oat	2008	4,896	1.7	8,269	ton	\$ 182.07	\$ 1,495,300
	2007	4,470	2.4	11,440	ton	\$ 128.72	\$ 1,472,600
Hay, Volunteer	2008	316	2.2	701	ton	\$ 37.63	\$ 42,800
	2007	292	2.1	622	ton	\$ 90.84	\$ 56,500
Green Chop (a)	2008	248	7.3	1,815	ton	\$ 25.00	\$ 48,300
	2007	400	6.6	2,649	ton	\$ 14.99	\$ 39,700
Oats, Grain	2008	302	1.0	307	ton	\$ 416.80	\$ 120,000
	2007	753	1.4	1,022	ton	\$ 226.52	\$ 231,500
Silage, Corn (a)	2008	304	26.8	8,138	ton	\$ 34.40	\$ 378,000
	2007	294	31.1	9,146	ton	\$ 34.23	\$ 313,100
Silage, Oat (a)	2008	3,711	11.5	42,785	ton	\$ 20394	\$ 1,054,400
	2007	2,951	10.5	30,918	ton	\$ 26.53	\$ 820,400
Straw	2008						\$ 25,400
	2007						\$ 84,600
Miscellaneous (b)	2008						\$ 557,800
	2007						\$ 231,200
Pasture, Irrigated (c)	2008	6,997			acre	\$ 100.00	\$ 699,800
	2007	7,068			acre	\$ 100.00	\$ 706,800
Rangeland (c)	2008	345,272			acre	\$ 10.00	\$ 3,452,800
	2007	348,760			acre	\$ 10.00	\$ 3,487,700
TOTAL VALUE	2008						\$ 7,874,600
	2007						\$ 7,444,100

(a) much of the green chop and silage is not sold, but used on the farm - value is determined by its feed equivalent

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

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

FIELD CROP VALUES 1956 - 2008



TIMBER HARVEST, EQUESTRIAN INVENTORY AND COMMERCIAL FISH LANDINGS



TIMBER HARVEST

Year	Production	Unit (a)	Value (b)
2008	11,835,000	board feet	\$ 6,806,279
2007	10,646,000	board feet	\$ 5,497,566

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

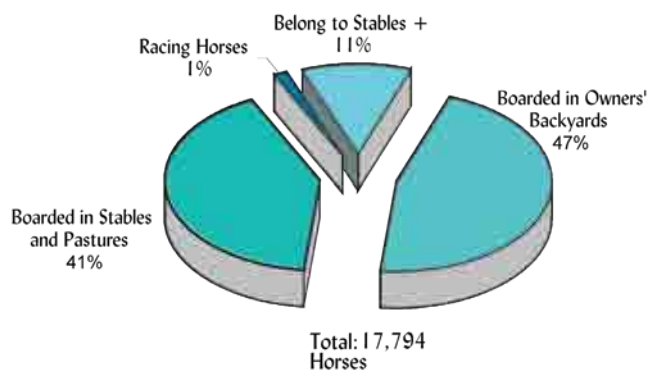
(b) value of the timber immediately before cutting

Informational only. Source: www.boe.ca.gov/proptaxes/timbertax.htm



SONOMA COUNTY HORSE

OPERATIONS - 2004



SONOMA COUNTY EQUESTRIAN INVENTORY*

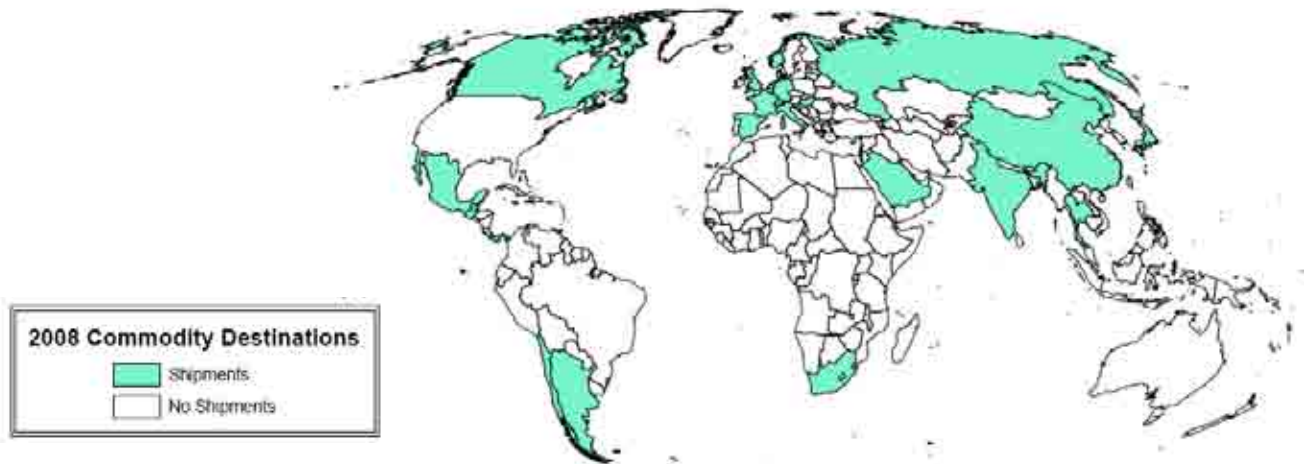
Year	Horses Owned by Households
1994	10,991
1998	11,433
2004	15,783

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

COMMERCIAL FISH LANDINGS

Species		Pounds	Value
Crab, Dungeness	2008	1,121,676	\$ 2,916,150
	2007	1,629,970	\$ 1,629,970
Salmon, Chinook	2008	460,565	\$ 2,159,414
	2007	441,522	\$ 2,156,101
Sole, all	2008	156,396	\$ 143,372
	2007	63,896	\$ 34,016
Rockfish, all	2008	25,449	\$ 57,404
	2007	23,751	\$ 53,732
Halibut, California	2008	2,849	\$ 11,346
	2007	1,612	\$ 5,680
Miscellaneous	2008	18,271	\$ 10,825
	2007	12,218	\$ 9,649
Sablefish	2008	6,116	\$ 9,492
	2007	19,987	\$ 24,133
Lingcod	2008	4,328	\$ 8,394
	2007	2,128	\$ 3,198
Tuna, Albacore	2008	6,077	\$ 6,662
	2007	25,275	\$ 43,443
Cabezon	2008	619	\$ 3,153
	2007	1,184	\$ 4,199
TOTAL	2008	1,802,346	\$ 5,326,212
	2007	2,232,209	\$ 3,968,788

Informational only. Most recent figures provided by California Department of Fish and Game. Source: www.dfg.ca.gov/marine/fishing.asp



Destination	Number of Certificates
Canada	25
Japan	20
Spain	17
French Polynesia	11
Hong Kong	9
China	9
Thailand	7
Italy	7
Mexico	6
Germany	5
South Africa	4
Hungary	4
France	4
Chile	4
Argentina	3
United Kingdom	2
Taiwan	2
Switzerland	2
Panama	2
Netherlands	2
India	2
Saudi Arabia	1
Norway	1
Puerto Rico	1
Russian Federation	1
Guatemala	1
Costa Rica	1
Jamaica	1

Commodities Shipped

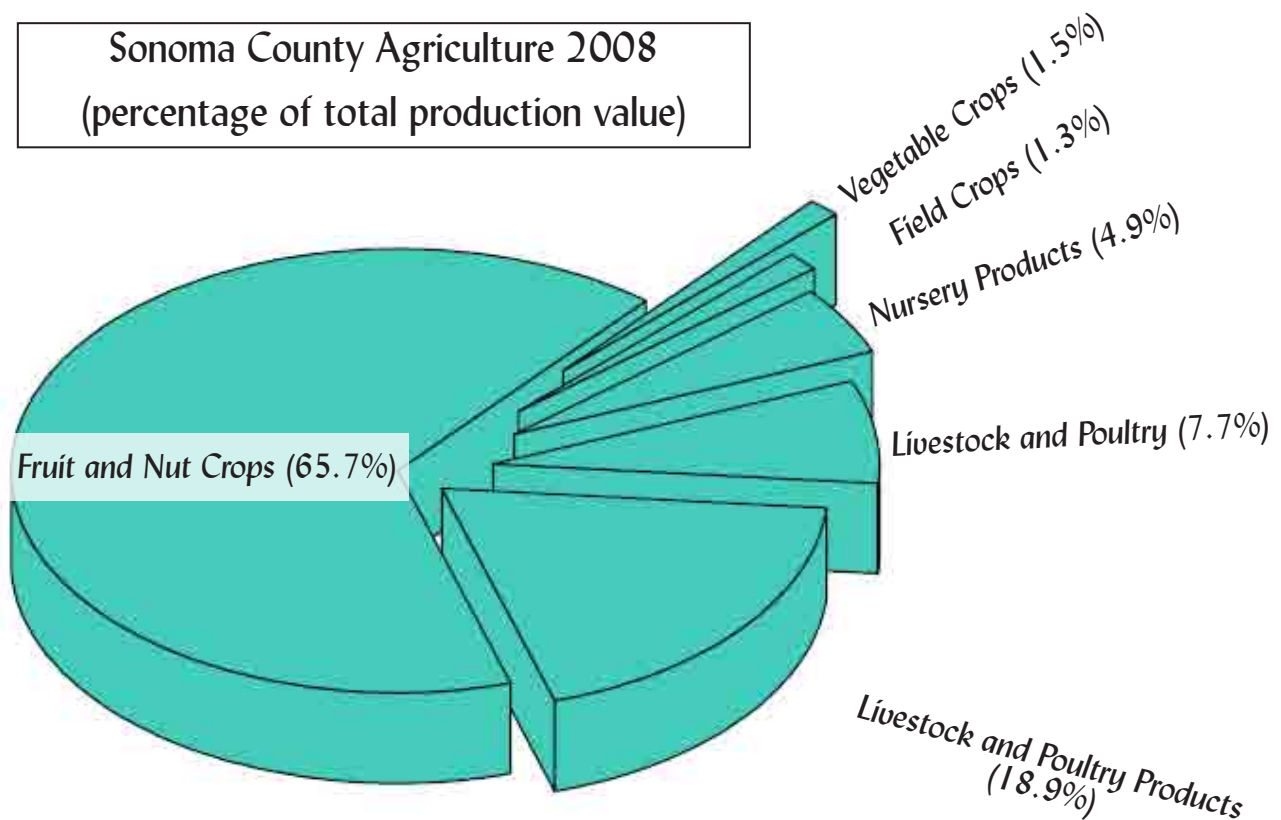
- Oak Pieces for Winemaking
- Bird Seed
- Corn
- Herbs/Spices
- Rose Plants
- Iris Rhizomes
- Vegetable Seed
- Ferns
- Grapevines
- Oak Wine Barrels
- Redwood Lumber
- Winegrapes

In 2008, the Sonoma County Agricultural Commissioner’s Office issued 154 Federal Phytosanitary Certificates for international shipments to 28 countries, and 709 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.

RECAPITULATION

	2007	2008	% CHANGE
APIARY PRODUCTS	\$ 403,600	\$ 274,000	-32.1%
FIELD CROPS	\$ 7,444,100	\$ 7,874,600	5.8%
VEGETABLE CROPS	\$ 7,654,500	\$ 9,058,000	18.3%
NURSERY PRODUCTS	\$ 28,810,500	\$ 28,794,500	-0.1%
LIVESTOCK AND POULTRY	\$ 51,917,100	\$ 45,665,400	-12.0%
LIVESTOCK AND POULTRY PRODUCTS	\$ 118,782,200	\$ 112,005,700	-5.7%
FRUIT AND NUT CROPS	\$ 424,043,700	\$ 389,734,800	-8.1%
TOTAL VALUE	\$ 639,055,700	\$ 593,407,000	-7.1%

Sonoma County Agriculture 2008
(percentage of total production value)



Ag Days is a Sonoma County tradition. The Sonoma County Farm Bureau annually sponsors the two-day event, which consists of a mini-fair and agricultural exposition. It is a celebration of Sonoma County's farming industry and the rich heritage that continues to define a way of life for Sonoma County residents.

Ag Days offers an opportunity for thousands of school children to learn more about the farms and ranches that unfold on the urban edge. An essay writing contest is one of the many farm-themed contests held each year, which also include posters, murals, scarecrow building and farm photography. Following is the winning Ag Days essay for 2009:

"LOCAL FARMS KEEP SONOMA COUNTY GREEN"

**BY: LYDIA GRIGGS-DEMMIN, 4TH GRADE
PRESTWOOD ELEMENTARY - SONOMA, CA**

"What do you love about Sonoma County? I love the clean air, the serene green meadows, the variety of wildlife and trees, and especially watching people take care of Sonoma's beautiful environment. Of course, I love taking care of it myself!

Some of the people who take really good care of our valley are farmers. Farmers are careful with water, their livestock, crops and energy use. Farmers know a lot about being eco-friendly. They compost things, such as orange peels and apple cores, which all give very good nutrients to the soil. Farmers also use solar energy and wind power - two natural forces. Now you can see why Sonoma County farmers are appreciated people who really care about our incredible, green valley."



Photo by: John Burgess

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