



SONOMA COUNTY
Agricultural Crop Report 2004

Dedicated to Sonoma County's Dairy Industry

Honoring
John Westoby

serving as
Sonoma County
Agricultural Commissioner/Sealer



John retired in July 2004 after dedicating 31 years to Fresno, San Francisco, and Sonoma counties' agricultural departments and the many important programs serving their communities.

John served as Agricultural Commissioner of Sonoma County from 1998 to 2004. John's accomplishments include implementation of the Vineyard Erosion and Sedimentation Control Ordinance and the Glassy-winged Sharpshooter programs, and the completion and move to our department's new building. One of John's greatest qualities is his ability to establish and maintain strong relationships. This ability comes from John's natural and genuine respect and caring for people, and makes his accomplishments and many other collaborative efforts possible.

John's contributions to Sonoma County will forever be remembered.



OFFICE OF THE AGRICULTURAL COMMISSIONER

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

June 2005

and

The Honorable Board of Supervisors of Sonoma County:

Valerie Brown – First District

Mike Kerns – Second District

Tim Smith - Third District, Chairman

Paul L. Kelley – Fourth District

Mike Reilly – Fifth District

It is with pleasure that I present to you the 2004 Sonoma County Crop Report as pursuant to Section 2279 of the California Food and Agricultural Code. The reported production value for 2004 was \$525,992,600 representing a 2.9 percent increase from the 2003 value of \$511,268,100. This report reflects the gross production values and not the net income or costs of production for an individual producer.

This year's crop report celebrates the dairy industry, which in 2004 reported a record value of \$98.8 million for market and manufacturing milk. While production levels have declined slightly, the value per unit continues to rise, and is reflected in the \$19.3 million increase in value for 2004. Also contributing to this year's increased production value is a \$1.7 million gain in nursery product values due primarily to higher prices.

In 2004 decreases in values were seen in wine grapes, apples, and vegetables crops. The value for wine grapes continue to lead farm production values at \$309,871,300, however this does represent a \$3,205,300 decrease from 2003. This decrease can be attributed to a \$78 reduction in average price paid per ton; nonetheless, this is less of a reduction than seen in 2003 (\$108). Overall wine grape production was up by 5,015 tons due primarily to higher yields.

This year also saw the apple and vegetable crop production values decrease by \$1.5 million and \$739,000 respectively. The decrease in apple values can be attributed to reduced prices and yields for late apples. However, the value for Gravenstein apples increased by \$659,000.

Appreciation goes to the growers, producers, ranchers, and others who provided vital information making this report possible. I would also like to give credit to Cree Morgan for his efforts in producing this report, and to Marilyn Vernon, Laura Knudsen, and Deanna McAulay for their assistance and support in this project.

Respectfully submitted,

Lisa Correia,
Agricultural Commissioner/Sealer

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Note: The crop values stated in this report are based on grower submitted surveys and data provided by state agencies. Numbers are rounded to the hundreds place.

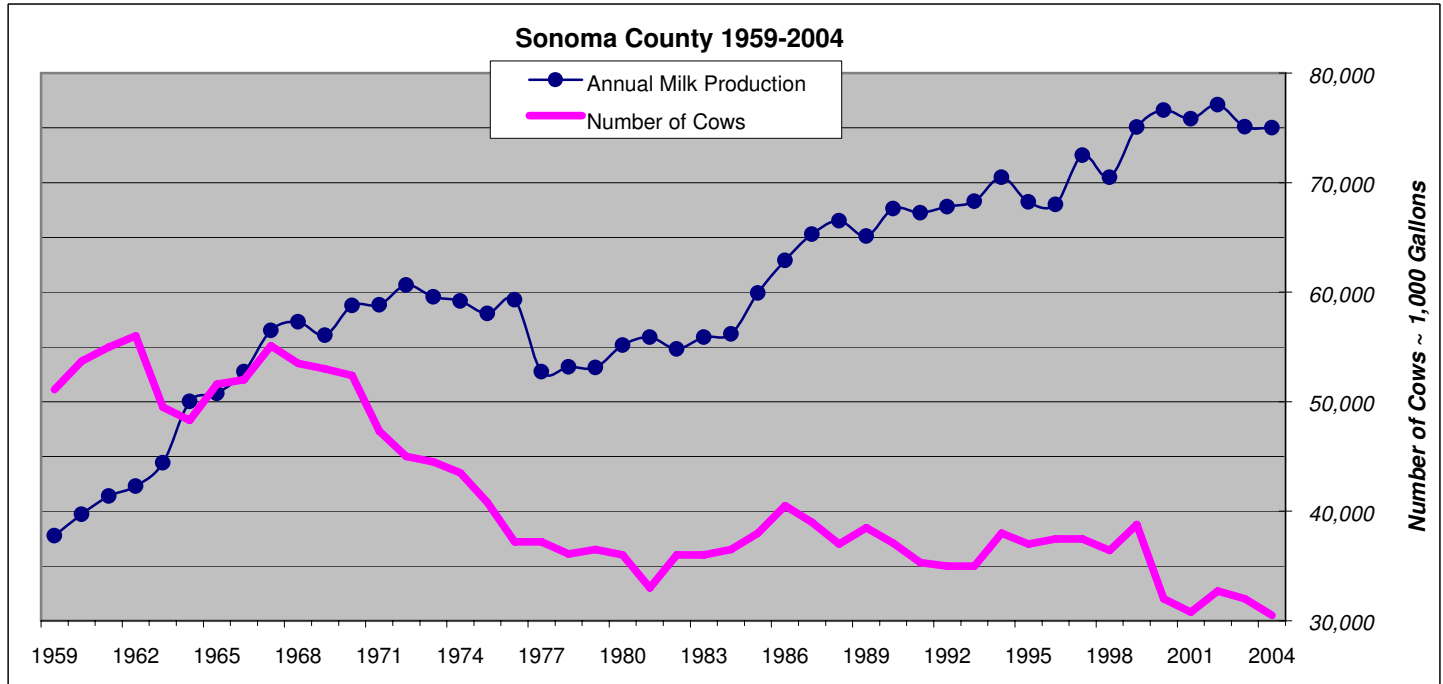
Celebrating Sonoma County's Dairy Industry

"I firmly believe, from what I have seen, that this is the chosen spot of all this earth as far as Nature is concerned."

--Luther Burbank, on his arrival in Santa Rosa in 1875

Luther Burbank believed Sonoma County to be an exceptional place. All of us who live here know the special magic of Sonoma County's climate, features, and natural beauty. This is especially true in regards to our agriculture. Sonoma County produces award-winning wines, vegetables and fruits, and as highlighted by of this year's crop report, high quality dairy products.

Sonoma County's cool temperatures and long grass-growing seasons make it ideal for producing high quality milk. This is true for both traditional cow dairies, and specialty goat and sheep dairies. Sonoma County contains approximately 80 cow dairies, comprising 3.9% of the state's total dairies. Our dairies are generally smaller than the statewide average, with 374 cows per dairy compared with a statewide average of 825. Despite our smaller herds, we still produced over 75 million gallons of milk



for a total value of \$98,815,000. This equates to 1.8% of the states total milk production (by volume). Approximately 36 million gallons of milk was processed in Sonoma County in 2004. In addition to fluid milk sales, these efforts produced nearly 13 million pounds of cheese, generating over \$21.5 million in revenue.

One challenge facing our dairies is higher production costs. In 2004, it was estimated that it cost Sonoma County dairies 11% more to produce their milk as compared with California's average. Fortunately, our dairies are known for producing fresh, top-quality milk with a high fat, solids, and protein content. This is reflected in an 8% higher average price paid for Sonoma County milk. This reputation is helping our producers market their products and remain sustainable.

Recently, small groups of specialty cheesemakers have begun producing unique and flavorful cheeses in Sonoma County. These "artisan" cheesemakers are producing award-winning cheeses that are a perfect complement to the award winning wines of Sonoma County. Many of these cheesemaking operations have been developed to supplement traditional dairy operations, as the high value cheeses produced help offset high production costs.

There are also growing markets for organic milk. Currently, Sonoma County has seven dairies registered with the California Department of Agriculture as organic. In addition to cows, goats and sheep are increasingly being raised for their milk in Sonoma County. These operations are also producing high quality, world-renowned cheeses.

For this year's crop report we surveyed cow, goat, and sheep artisan cheesemakers, and discovered that there were almost 1.3 million gallons of milk processed by these operations. This translates to over one million pounds of cow, goat, and sheep cheese produced in 2004 alone. This includes aged and fresh cheeses, ice creams, and yogurts. Overall, these operations created retail products valued at over \$8.5 million for 2004.

Like its other agricultural industries, Sonoma County's dairies and cheesemakers have found unique ways to continue the historic traditions of the past, while creating products for new markets in the future. In this increasingly competitive economic climate, our dairies must work harder to find innovative ways to maintain and expand their market share. This year's crop report is dedicated to the perseverance, ingenuity, and hard work of Sonoma County's dairy producers.

Winning Ag Day Essay

To Live On a Farm

Jean Trompeter, 4th grade
Guadalupe Private School, Mrs. Bertoli

To define living on a farm one would find that a definition of farm is first needed. A farm is a piece of land on which crops or animals are raised.

It is on the farm that crops are cultivated and brought forth into the community for the betterment of society. This is evident in the wholesome food we find in our grocery stores to meet our nutritional requirements. Life on a farm would be a lot of hard work and fun at the same time. Farming is a huge responsibility. To farm the land is to depend on many variable factors. These variants include weather, natural resources, and human accountability.

When all these things are in order crops can be plentiful and abundant. If even one of these elements is missing, the whole process can be ruined. To live on a farm is to embrace the miraculous life cycle.

Fruit and Nut Acreage

Crop	Bearing	Non-Bearing	Total
Apples	3,027	7	3,034
Grapes (wine)	50,010	10,054	60,065
Kiwi	20	0	20
Olives	247	138	385
Peaches	20	0	20
Pears	94	1	95
Plums (incl. Prunes)	13	0	13
Walnuts	77	0	77
Miscellaneous	76	0	76
Total Acreage	53,584	10,200	63,784

Field Crops

Crop	Year	Harvested Acreage	Ton/ Acre	Total Tons	Units	DOLLAR VALUE	
						\$/Unit	Total
Hay, Oat	2004	5,979	2.30	13,735	ton	\$ 89.14	\$ 1,224,300
	2003	5,500	3.15	17,339	ton	\$ 79.67	\$ 1,381,400
Hay, Volunteer	2004	205	2.61	535	ton	\$ 58.50	\$ 31,300
	2003	372	2.18	810	ton	\$ 40.28	\$ 32,700
Green Chop (A)	2004	288	10.99	3,164	ton	\$ 12.14	\$ 38,400
	2003	598	7.24	4,331	ton	\$ 15.89	\$ 68,900
Oats, Grain	2004	1,290	0.88	1,139	ton	\$ 118.00	\$ 134,400
	2003	1,702	5.25	8,936	ton	\$ 155.92	\$ 260,300
Silage, Corn (A)	2004	300	28.97	8,690	ton	\$ 21.76	\$ 189,100
	2003	385	23.81	9,165	ton	\$ 18.13	\$ 166,200
Silage, Oat (A)	2004	4,066	11.24	45,685	ton	\$ 19.59	\$ 895,000
	2003	3,847	12.40	47,697	ton	\$ 22.08	\$ 1,053,200
Straw	2004						\$ 97,800
	2003						\$ 23,700
Miscellaneous (B)	2004						\$ 219,500
	2003						\$ 248,500
Pasture, Irrigated (C)	2004	7,443			acre	\$ 100.00	\$ 744,300
	2003	8,329			acre	\$ 100.00	\$ 832,900
Rangeland* (C)	2004	403,531			acre	\$ 10.00	\$ 4,035,400
	2003	284,747			acre	\$ 10.00	\$ 2,847,500
TOTAL	2004						\$ 7,609,500
	2003						\$ 6,915,300

(A) much of the green chop and silage is not sold but used on the farm-- value is determined by it's feed equivalent

(B) includes alfalfa, barley, safflower, wheat, rye, vetch, Sudan, etc.

(C) Potential grazing value as calculated from Assessor's rolls

*Category was previously broken out into Grassland and Woodland

Livestock and Poultry

Item	Year	Number of Head	Total Live Weight	Unit	Dollar Value	
					\$/Unit	Total
Cattle/Calves	2004	34,572	183,420	cwt.	\$ 76.04	\$ 13,947,000
	2003	34,478	179,954	cwt.	\$ 68.75	\$ 12,372,100
Sheep/Lambs	2004	20,052	21,462	cwt.	\$ 81.15	\$ 1,741,600
	2003	17,775	18,956	cwt.	\$ 78.95	\$ 1,496,600
Hogs	2004	1,500	3,584	cwt.	\$ 47.01	\$ 168,500
	2003	1,677	4,005	cwt.	\$ 43.00	\$ 138,100
Miscellaneous (A)	2004					\$ 39,117,600
	2003					\$ 40,886,800
TOTAL	2004					\$ 54,974,700
	2003					\$ 54,893,600

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

Livestock and Poultry Products

Item	Year	Production	Unit	Dollar Value	
				\$/Unit	Total
Milk, Market	2004	6,451,816	cwt.	\$ 15.29	\$ 98,648,300
	2003	6,459,424	cwt.	\$ 12.28	\$ 79,321,800
Milk, Manufacturing	2004	10,966	cwt.	\$ 15.20	\$ 166,700
	2003	12,492	cwt.	\$ 11.82	\$ 147,700
Wool	2004	131,450	lb.	\$ 0.36	\$ 47,400
	2003	119,500	lb.	\$ 0.40	\$ 47,800
Miscellaneous Products (B)	2004				\$ 11,900,300
	2003				\$ 13,195,800
TOTAL	2004				\$ 110,762,700
	2003				\$ 92,713,100

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

Livestock and Poultry Inventory

(Number of head as of January 1, 2005—furnished by California Agricultural Statistics Service)

Item	Number
Cattle and Calves (all)	81,000
Milk Cows and heifers 2 years and over	30,500
Beef cows and heifers 2 years and over	13,000
Sheep and Lambs (all)	12,100
Hogs	1,377
Laying Hens and Pullets	882,316
Goats	1,400
Turkey Breeders	37,332
Horses	14,595

Nursery Products

Item	Year	Units Sold	Unit	DOLLAR VALUE	
				\$/Unit	Total
Grapevines (A)	2004		plant/		\$ 920,600
	2003		cuttings		\$ 1,520,500
Ornamentals (B)	2004	1,336,815	plant	\$ 7.70	\$ 10,295,900
	2003	1,547,755	plant	\$ 6.23	\$ 9,639,100
Bedding Plants	2004	94,398	flat	\$ 17.15	\$ 1,618,600
	2003	107,288	flat	\$ 14.36	\$ 1,540,900
Cut Flowers	2004				\$ 5,240,300
	2003				\$ 3,596,300
Christmas Trees	2004	11,431	each	\$ 40.55	\$ 463,500
	2003	9,271	each	\$ 38.54	\$ 357,300
Miscellaneous Products (C)	2004				\$ 10,138,200
	2003				\$ 10,306,000
TOTAL	2004				\$ 28,677,100
	2003				\$ 26,960,100

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

(B) average unit price includes all type trade containers

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

Apple Production

Crop	Year	Bearing Acres	Tons/Acre	Total Tons	Dollar Value		
					\$/Ton	Total	
Gravenstein	2004	929	8.35	7,759	\$ 194	\$ 1,501,500	
	2003	926	5.58	5,171	\$ 163	\$ 842,900	
	Fresh	2004			739	\$ 408	\$ 301,400
		2003			451	\$ 361	\$ 162,700
	Processed (A)	2004			7,020	\$ 171	\$ 1,200,100
		2003			4,720	\$ 144	\$ 680,200
Late Apples	2004	2,098	16.95	35,567	\$ 116	\$ 4,116,100	
	2003	2,082	20.34	42,357	\$ 149	\$ 6,323,700	
	Fresh	2004			605	\$ 567	\$ 342,900
		2003			858	\$ 793	\$ 680,200
	Processed (A)	2004			34,962	\$ 108	\$ 3,773,200
		2003			41,499	\$ 136	\$ 5,643,500
Total	2004	3,027	14.31	43,326		\$ 5,617,600	
	2003	3,008	15.80	47,528		\$ 7,166,600	

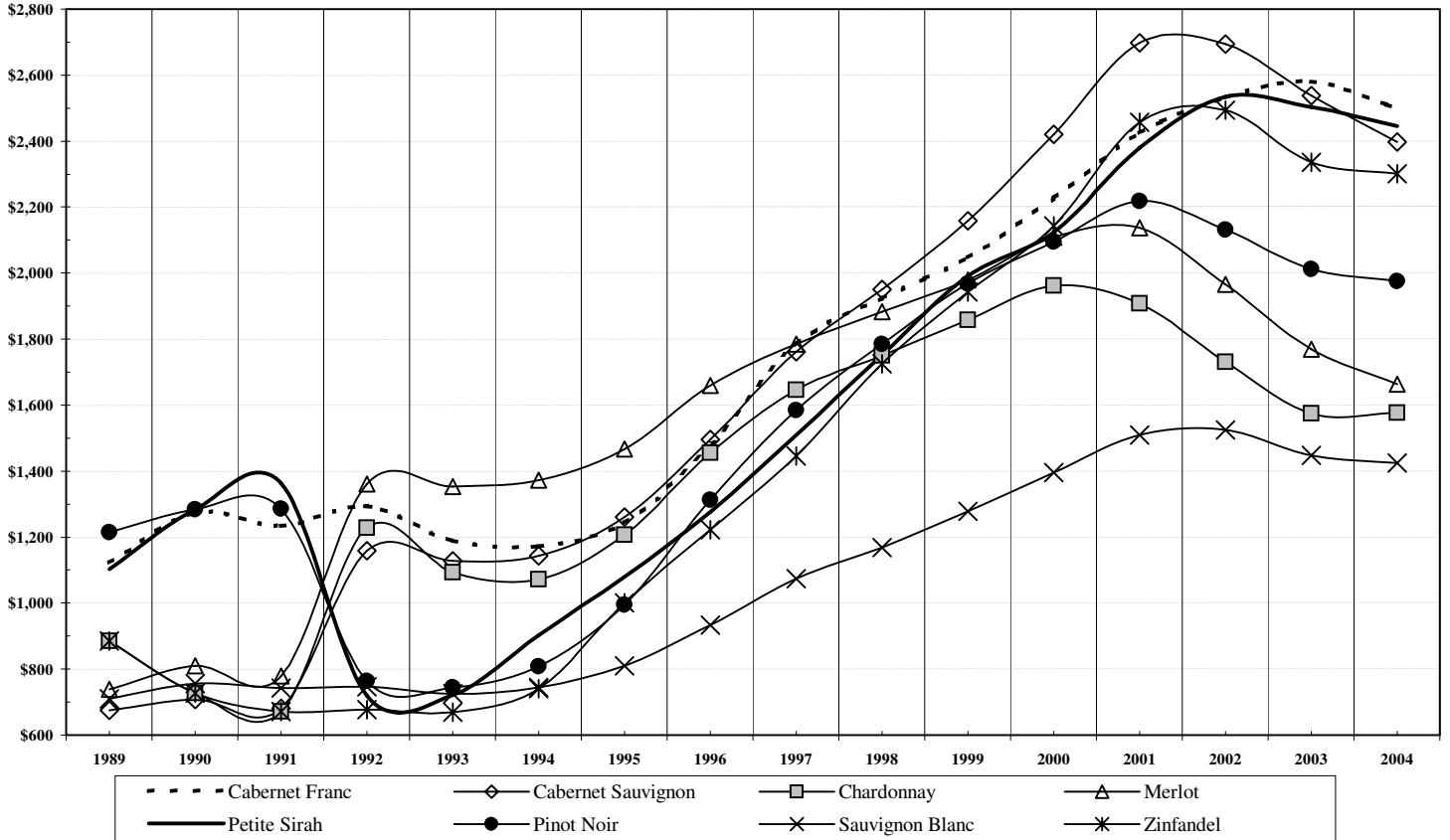
(A) includes canned, juice, vinegar, cider

Wine Grape Production

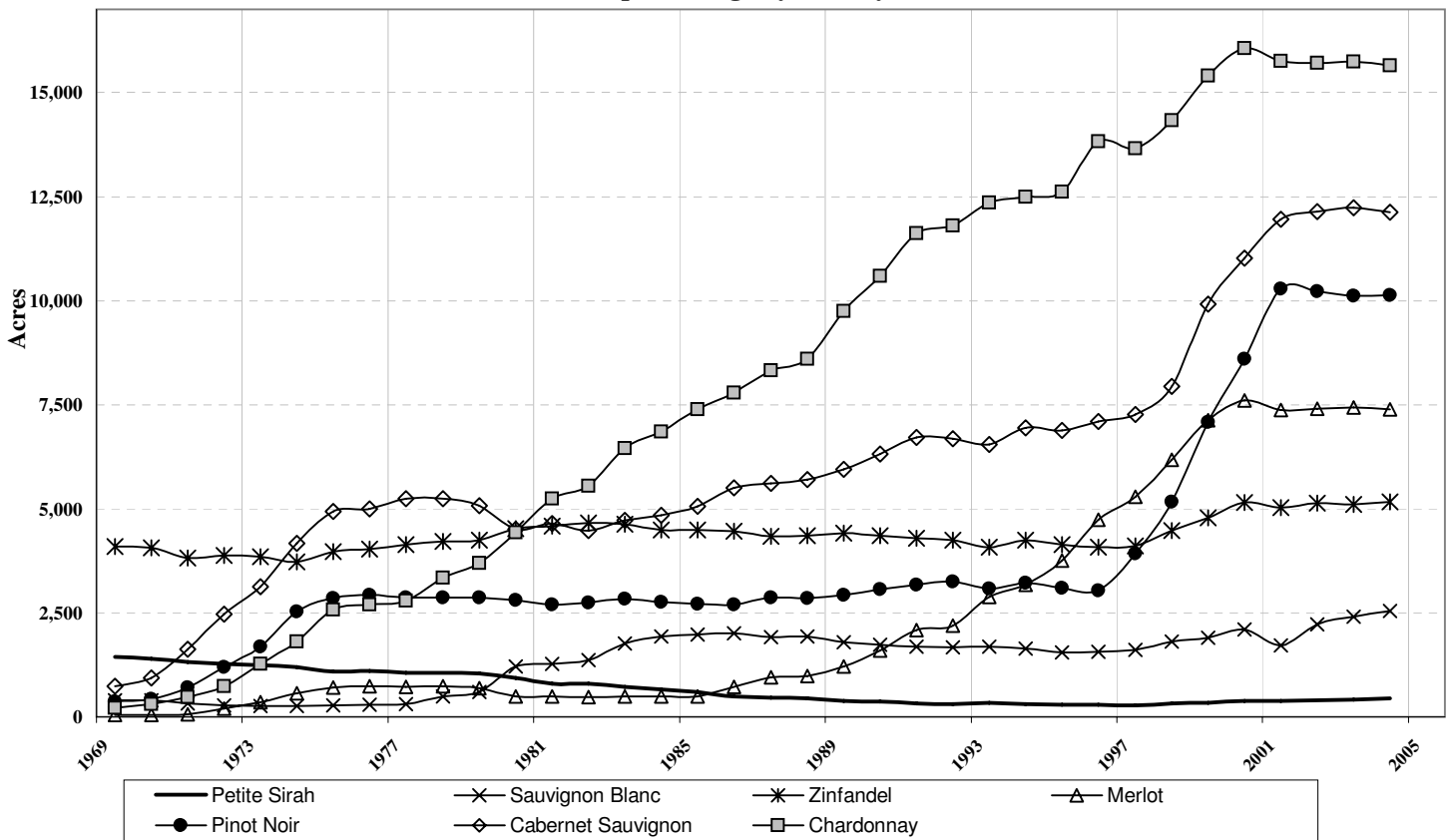
VARIETY	YEAR	Acres			Production			
		BEARING	NON-BEARING	TOTAL	TONS	\$ PER TON	TOTAL VALUE	
RED VARIETIES	Cabernet Franc	2004	603.1	87.2	690.2	1,692.1	\$ 2,498.88	\$ 4,228,400
	2003	612.0	75.0	687.0	1,813.2	\$ 2,580.74	\$ 4,679,400	
	Cabernet Sauv.	2004	10,216.0	1,910.2	12,126.2	30,561.3	\$ 2,397.71	\$ 73,277,200
	2003	10,554.0	1,682.0	12,236.0	36,471.4	\$ 2,537.94	\$ 92,562,300	
	Carignane	2004	185.7	9.1	194.8	418.9	\$ 1,477.99	\$ 619,200
	2003	183.0	3.1	186.1	397.5	\$ 1,718.81	\$ 683,300	
	Malbec	2004	206.5	67.0	273.5	430.5	\$ 2,419.96	\$ 1,041,800
	2003	244.9	67.0	311.9	146.7	\$ 2,503.24	\$ 367,300	
	Merlot	2004	6,873.0	518.4	7,391.4	22,855.2	\$ 1,663.90	\$ 38,028,800
	2003	7,027.0	402.0	7,429.0	20,917.5	\$ 1,768.89	\$ 37,000,800	
	Meunier	2004	109.0	14.0	123.0	471.3	\$ 1,951.39	\$ 919,700
	2003	109.0	13.0	122.0	572.6	\$ 2,060.14	\$ 1,179,700	
	Petite Sirah	2004	356.0	93.0	449.0	1,256.0	\$ 2,445.12	\$ 3,071,100
	2003	357.0	55.0	412.0	1,194.3	\$ 2,503.94	\$ 2,990,500	
	Petite Verdot	2004	134.6	37.1	171.6	444.8	\$ 2,685.95	\$ 1,194,800
	2003	144.0	31.0	175.0	400.1	\$ 2,676.19	\$ 1,070,800	
	Pinot Noir	2004	8,061.6	2,074.9	10,136.5	22,672.7	\$ 1,974.75	\$ 44,773,000
	2003	8,328.0	1,784.0	10,112.0	18,759.1	\$ 2,011.54	\$ 37,734,700	
	Sangiovese	2004	336.1	33.2	369.3	1,107.2	\$ 2,195.35	\$ 2,430,700
	2003	407.0	33.0	440.0	1,374.2	\$ 2,040.91	\$ 2,804,700	
Syrah-shiraz	2004	1,321.7	497.9	1,819.6	5,849.8	\$ 2,041.91	\$ 11,944,800	
2003	1,359.0	433.0	1,792.0	5,666.2	\$ 2,060.09	\$ 11,672,900		
Zinfandel	2004	4,429.3	732.6	5,161.9	11,783.2	\$ 2,301.63	\$ 27,120,600	
2003	4,504.0	607.0	5,111.0	11,561.3	\$ 2,334.96	\$ 26,995,200		
Other Reds	2004	505.3	734.6	1,239.9	1,520.2	\$ 2,557.90	\$ 2,888,400	
2003	816.0	718.0	1,535.0	1,684.9	\$ 2,152.29	\$ 3,313,900		
TOTAL REDS	2004	33,337.8	6,809.1	40,146.9	101,063.2	\$ 2,093.13	\$ 211,538,500	
2003	34,443.0	5,836.0	40,280.0	100,863.9	\$ 2,211.45	\$ 223,055,500		
WHITE VARIETIES	Chardonnay	2004	13,651.2	2,000.5	15,651.7	53,180.3	\$ 1,576.16	\$ 83,820,700
	2003	14,605.0	1,136.0	15,741.0	46,825.0	\$ 1,574.65	\$ 73,733,500	
	French Colombard	2004	101.1	0.0	101.1	311.2	\$ 529.16	\$ 164,700
	2003	101.0	0.0	101.0	359.0	\$ 555.23	\$ 199,200	
	Gewürztraminer	2004	145.3	14.2	159.5	424.9	\$ 1,292.17	\$ 549,100
	2003	151.0	6.0	158.0	347.0	\$ 1,206.79	\$ 418,600	
	Muscat Blanc	2004	23.8	1.0	24.8	34.3	\$ 2,170.17	\$ 74,500
	2003	28.0	0.7	28.7	34.0	\$ 1,966.56	\$ 66,100	
	Pinot Blanc	2004	45.1	44.9	90.0	360.9	\$ 1,712.79	\$ 618,200
	2003	60.0	45.0	105.0	274.0	\$ 1,887.22	\$ 517,100	
	Pinot Gris	2004	287.4	80.7	368.1	1,094.2	\$ 1,569.08	\$ 1,716,900
	2003	307.5	73.0	380.5	493.3	\$ 1,573.75	\$ 776,400	
	Sauvignon Blanc	2004	1,831.3	710.6	2,541.9	7,623.4	\$ 1,423.85	\$ 10,854,600
	2003	1,872.0	540.0	2,412.0	9,199.0	\$ 1,447.83	\$ 13,318,600	
	Semillon	2004	165.5	15.6	181.1	538.0	\$ 1,869.14	\$ 1,005,600
	2003	168.0	16.0	184.0	756.0	\$ 1,808.88	\$ 1,367,600	
	Viognier	2004	194.8	27.8	222.6	405.4	\$ 1,979.50	\$ 802,500
	2003	214.0	15.0	229.0	513.0	\$ 1,862.18	\$ 955,300	
	White Riesling	2004	27.4	7.5	34.9	69.4	\$ 2,017.62	\$ 140,100
	2003	27.0	7.0	34.0	60.0	\$ 2,172.63	\$ 130,400	
Other Whites	2004	199.7	342.4	542.1	677.6	\$ 1,321.46	\$ 824,800	
2003	477.0	196.0	673.0	1,368.0	\$ 1,747.15	\$ 2,389,400		
TOTAL WHITES	2004	16,672.6	3,245.3	19,917.9	64,719.6	\$ 1,553.96	\$ 100,571,700	
2003	17,732.0	1,961.0	19,693.0	59,904.0	\$ 1,555.93	\$ 93,206,800		
TOTAL WINE GRAPES	2004	50,010.4	10,054.4	60,064.8	165,782.8	\$ 1,869.14	\$ 309,871,300	
2003	52,176.0	7,797.0	59,973.0	160,768.1	\$ 1,947.38	\$ 313,076,600		

Wine Grape Production

Dollars per Ton by Variety 1989-2004



Total Wine Grape Acreage by Variety 1969-2004



Fruit and Nut Summary

Crop	Year	Bearing Acres	Tons/Acre	Total Tons	Dollar Value		
					\$/Ton	Total	
Apples (all)	2004	3,027	14.31	43,326	\$ 130	\$ 5,617,600	
	2003	3,008	15.80	47,528	\$ 151	\$ 7,166,600	
	Fresh	2004				\$ 644,300	
		2003				\$ 842,900	
	Processed (A)	2004				\$ 4,973,300	
		2003				\$ 6,323,700	
Grapes (wine)	2004	50,010	3.31	165,783	\$ 1,869	\$ 309,871,300	
	2003	52,176	3.08	160,768	\$ 1,947	\$ 313,076,600	
Prunes (B)	2004	8	0.50	4	\$ 772	\$ 3,100	
	2003	8	0.04	5	\$ 810	\$ 4,100	
Walnuts	2004	77	0.57	44	\$ 1,060	\$ 46,300	
	2003	86	1.73	149	\$ 1,000	\$ 149,000	
Miscellaneous (C)	2004					\$ 322,500	
	2003					\$ 574,900	
TOTAL	2004					\$ 315,860,800	
	2003					\$ 320,971,200	

(A) includes canned, juice/cider, vinegar

(B) dry tons

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

Apiary Products

Total Value (D)	2004	\$ 145,400
	2003	\$ 113,100

(D) includes honey, wax and pollination

Vegetable Crops

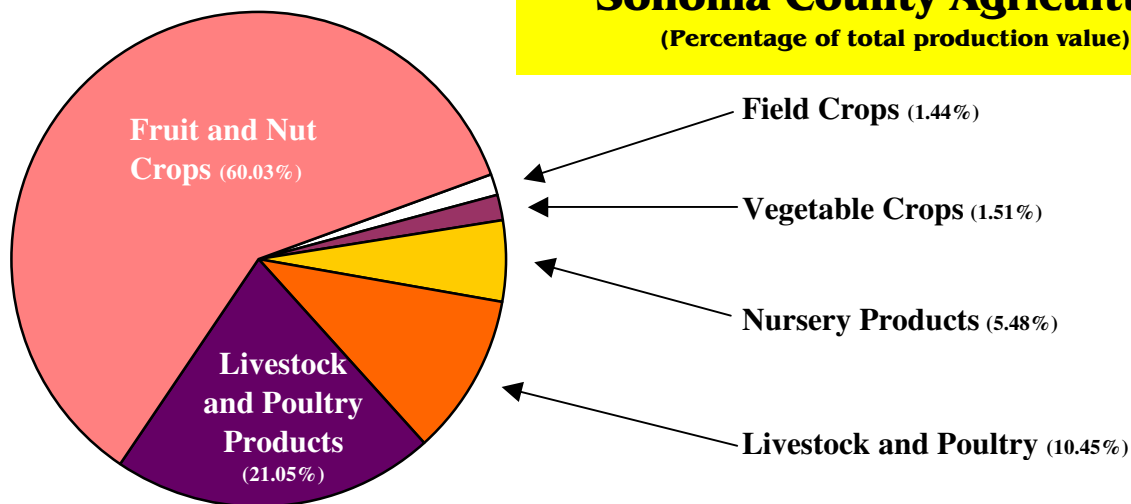
Crop	Year	Harvested Acreage	Dollar Value
Miscellaneous	2004	378	\$ 7,962,400
Truck Farms (E)	2003	383	\$ 8,701,700

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

Recapitulation

	2003	2004	Change
Apiary Products	\$ 113,100	\$ 145,400	0.29
Field Crops*	\$ 6,915,300	\$ 7,609,500	10.0%
Vegetable Crops	\$ 8,701,700	\$ 7,962,400	-8.5%
Nursery Products	\$ 26,960,100	\$ 28,677,100	6.4%
Livestock and Poultry	\$ 54,893,600	\$ 54,974,700	0.1%
Livestock and Poultry Products	\$ 92,713,100	\$ 110,762,700	19.5%
Fruit and Nut Crops	\$ 320,971,200	\$ 315,860,800	-1.6%
Total*	\$ 511,268,100	\$ 525,992,600	2.9%

Sonoma County Agriculture (Percentage of total production value)



Million Dollar Crops

1	Wine Grapes ~ All	\$ 309,871,300
2	Market Milk	\$ 98,648,300
3	Misc. Livestock and Poultry	\$ 39,117,600
4	Cattle and Calves	\$ 13,947,000
5	Misc. Livestock and Poultry Products	\$ 11,900,300
7	Nursery ~ Ornamentals	\$ 10,295,900
6	Misc. Nursery Production	\$ 10,138,200
8	Vegetables	\$ 7,962,400
9	Apples ~ All Varieties	\$ 5,617,600
10	Nursery ~ Cut Flowers	\$ 5,240,300
11	Sheep and Lambs	\$ 1,741,600
12	Nursery ~ Bedding Plants	\$ 1,618,600
13	Hay ~ All	\$ 1,255,600
14	Silage ~ All	\$ 1,084,100

*2003 figures revised

Commercial Fish Catch

(Informational Only—most recent figures available, furnished by California Dept. of Fish and Game)

Species		Pounds	Value
Salmon, Chinook	2003	1,455,317	\$ 2,684,265
	2002	754,650	\$ 1,114,172
Crab, Dungeness	2003	1,273,926	\$ 2,108,375
	2002	1,141,674	\$ 2,211,248
Sole, all	2003	283,189	\$ 139,558
	2002	269,016	\$ 134,034
Urchin, red	2003	157,515	\$ 71,970
	2002	945,067	\$ 533,096
Sablefish	2003	45,017	\$ 56,730
	2002	36,116	\$ 38,693
Thornyhead, all	2003	79,482	\$ 46,496
	2002	61,342	\$ 43,465
Tuna, Albacore	2003	33,990	\$ 44,997
	2002	105,678	\$ 82,552
Rockfish, all	2003	23,916	\$ 38,246
	2002	86,575	\$ 90,547
Halibut, California	2003	13,380	\$ 33,027
	2002	2,840	\$ 6,376
Lingcod	2003	5,511	\$ 7,619
	2002	6,357	\$ 8,096
Cabezon	2003	1,394	\$ 4,882
	2002	2,038	\$ 7,338
Miscellaneous	2003	151,279	\$ 126,019
	2002	89,374	\$ 33,808
Total	2003	3,391,664	\$ 5,362,184
	2002	3,515,333	\$ 4,427,955

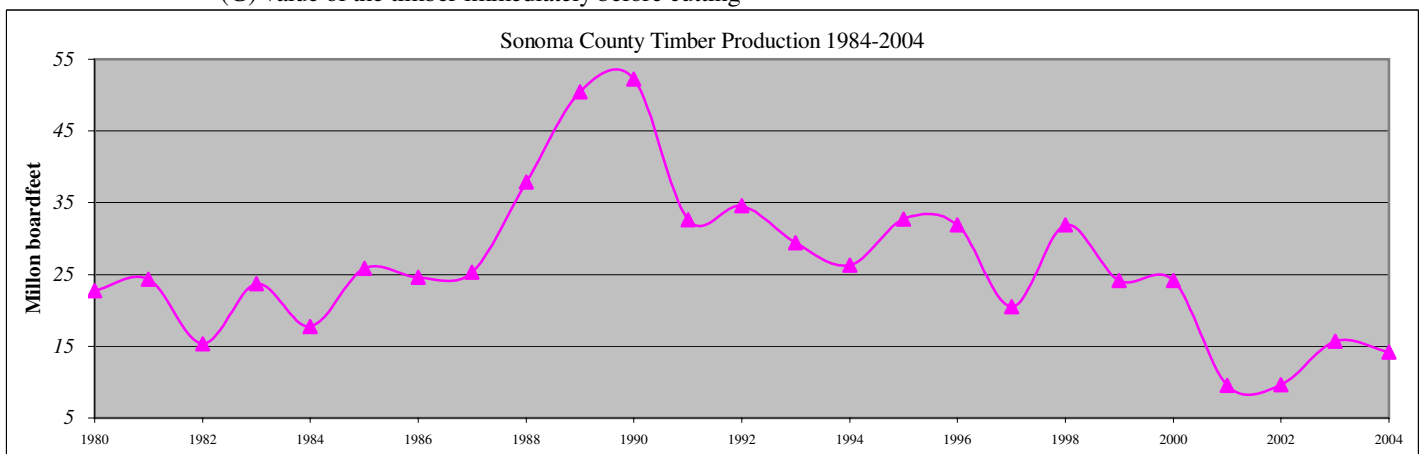
Timber Harvest

(Informational Only— most recent figures available, furnished by State Board of Equalization)

Year	Production	Unit (F)	Value (G)
2004	14,136,000	board feet	\$ 5,749,075
2003	15,698,000	board feet	\$ 7,291,430

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

(G) value of the timber immediately before cutting



Sustainable Agriculture Report

By Cree J. Morgan

2004 Biological Control Program

Targeted Noxious Weed	Releases	Monitoring
YELLOW STARThISTLE <i>(Centaurea solstitialis)</i>	Yellow Starthistle Rust <i>(Puccinia jaceae var. 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>)
RED GUM LERP PSYLLID <i>(Glycaspis brimblecombei)</i>		<i>Psyllaphaegus blitens</i>
ASH WHITEFLY <i>(Siphoninus phillyreae)</i>		<i>Encarsia partenopea</i>

Organic Farming Statistics

154 individual organic registrants

Commodity	Registrants	Acres
Eggs	5	N/A
Fruit/Nuts	77	1530
Grain/Hay	7	1879
Meat	4	N/A
Milk	7	N/A
Nurseries	27	11
Vegetables	62	200
Wine Grapes	26	532
Handlers	13	N/A

Pest Detection

Trapping: There were 1,927 traps placed for the detection of exotic insect pests including Mediterranean, Oriental, Olive and Melon Fruit Flies, Gypsy Moth, Japanese Beetle, Khapra Beetle, Vine Mealy Bug and Asian Longhorned Beetle. These traps were serviced 13,220 times. There were 521 traps placed for the Glassy-winged Sharpshooter (GWSS), which were serviced 6,529 times. There were no noxious, exotic pests detected in 2004.

Entryway Survey: 256 miles and 7 properties were surveyed for the presence of noxious weed and disease pests.

Pest Exclusion

A total of 2,168 premise visits occurred in 2004. During these visits, we inspected 43,370 shipments of plant material. Inspections occurred at the express carriers, nurseries, post offices, feed mills, post entry inspections, and pet stores. To assist our nursery industry, we issued 207 federal phytosanitary documents for international shipments, and 1,123 state phytosanitary documents for shipments to other states. Two hundred fifty-two rejections of plant material were made, which is an increase of 14% compared with 2003 rejections. Rejected plant material was either destroyed or reconditioned and released.

To prevent the spread of GWSS into Sonoma County, department personnel inspected 2,984 shipments of nursery material arriving from infested counties in California. There were no adults or viable egg masses intercepted in Sonoma County in 2004.

Listed below are a few of the economically important pest species intercepted in 2004:

Lesser Snow Scale <i>Pinnaspis strachani</i>	Gypsy Moth <i>Lymantria dispar</i>	Magnolia Scale <i>Neolecanium comuparvum</i>	Purple Loosestrife <i>Lythrum salicaria</i>
Soil Mealybug <i>Rhizoecus sp.</i>	Rice Smut <i>Entyloma oryzae</i>	Vine Mealybug <i>Planococcus ficus</i>	QuackGrass <i>Elytrigia repens</i>
Spiraling Whitefly <i>Aleurodicus dispersus</i>	Australian Sod Fly <i>Inopus rubriceps</i>	"Lygaeid Bug" <i>Metapoplex ditomoides</i>	Spotted Knapweed <i>Centaurea maculosa</i>
Longlegged Ant <i>Anoplolepis longipes</i>	Indian Stick Insect <i>Carausius morosus</i>	Bigheaded Ant <i>Pheidole megacephala</i>	Oblong Spurge <i>Euphorbia oblongata</i>

2004 Staff

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Assistant Agricultural Commissioner/Sealer

Michael Smith

Department Analyst

Esther Martinez

Chief Deputy Agricultural Commissioner

Stefan Parnay

Agriculture and Vineyard Conservation Coordinator

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Charity McGuire ~ Nina Reeser

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John O'Keefe ~ Richard Opbroek ~ Stan Peterson ~ Jennifer Peoples
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Phil Stevens ~ Zsuzsanna Vnagy