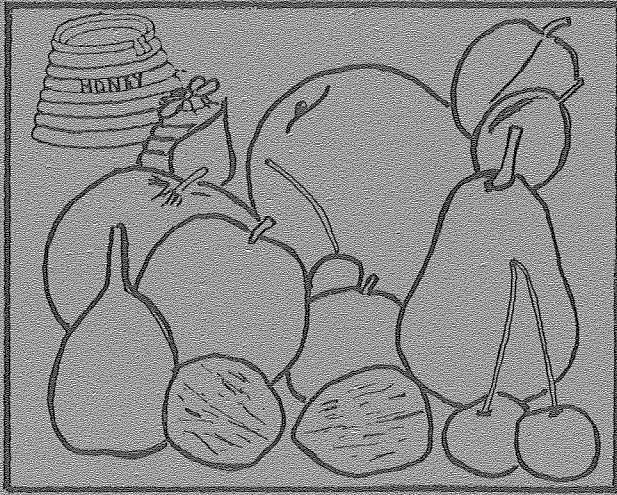
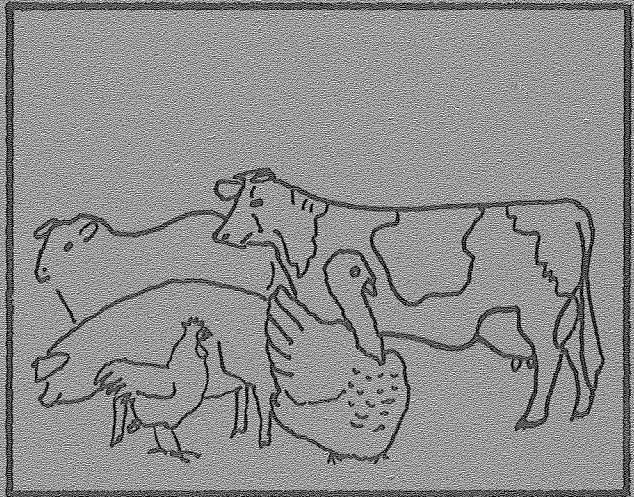
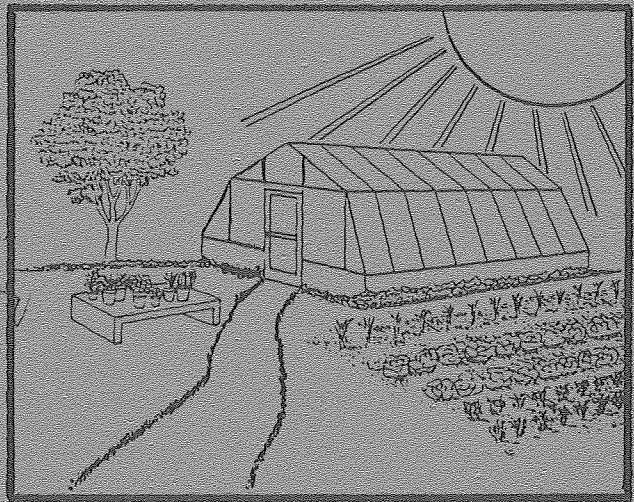


# Sonoma County Agricultural Crop Report 1989



COUNTY OF SONOMA  
DEPARTMENT OF AGRICULTURE  
ERIC LAURITZEN  
AGRICULTURAL COMMISSIONER/SEALER



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April 1990

Henry Voss, Director - California Department of Food and Agriculture  
and

Sonoma County Board of Supervisors:	Nick Esposti, Chairman - District 4
Janet Nicholas - District 1	James Harberson - District 2
Tim Smith - District 3	Ernie Carpenter - District 5

It is with pleasure that I submit the Sonoma County Annual Crop and Livestock Report for 1989. These figures represent the gross value of production regardless of utilization and are not meant to reflect net farm income.

The total value of agricultural production in 1989 was \$297,749,100 which is almost 21% higher than last year's record total. This underscores the importance of agriculture to the economy of Sonoma County.

Winegrape production continues to lead the list of local agricultural products with a total value of \$122,306,600. Production was up over 25,000 tons and the average price per ton was over \$944 as compared with a 1988 average price of \$805 per ton. These production figures were especially significant considering losses of thousands of tons due to rain induced bunch rot at the end of the growing season.

Apple and prune production were both up in 1989 with a combined increase of over \$3 million over 1988 totals, even with declining acreage. The fresh apple market continued to be sluggish due to negative publicity surrounding the use of Alar and competition from the Pacific Northwest.


Total value of nursery products was up by nearly \$5 million as a result of increased grapevine production. Greater demand and higher prices for certified pest free vines accounted for the significant increase.

Vegetable crop values increased by more than \$400,000. This growth has been spurred by interest in local products from restaurants, wholesale/retail outlets and local farm markets.

Although this was a record year, some decreases in production were noted. This was an extremely poor year for honey production as the bee industry continues to be impacted by the spread of tracheal mite and other bee pests. Veal production was down and small losses were noted in hog, pig and turkey production.

I wish to express my appreciation to all growers, individuals and agencies who contributed information for this report. I would also like to thank members of my staff who assisted in gathering information and Rick Bennett, Cooperative Extension, for his assistance in developing the charts and graphs. Special recognition goes to Bonnie Sallee and Marilyn Vernon, who compiled this report and redesigned the format. The result of their work is a report that we think is much more informative and useful than the previous format.

Respectfully submitted

  
Eric Lauritzen  
Agricultural Commissioner



## AGRICULTURE - HEARTBEAT OF SONOMA COUNTY

This essay, which we believe captures the meaning of Agriculture in Sonoma County is,

Reprinted with the permission of **Ellen Martin**, 4th grade student from Two Rock Union School, who won the grand prize for the Agricultural Day Essay Contest sponsored by North Bay Chapter Women for Agriculture, Sonoma County Farm Bureau, and the Press Democrat.

"Our heart is critically important to our body just like agriculture is important to Sonoma County. We must be careful to take care of our heart and we must be careful to take care of agriculture in Sonoma County. If we don't pay attention to our heart then it will sometimes turn back on us. Agriculture is the same. If you don't pay attention to it and it gets into trouble, you may no longer be able to buy those special local products or enjoy the beautiful farm scenery.

If you didn't have your heart, then there would be nothing to pump the blood through your body. Without agriculture, we wouldn't have meat, milk, eggs, vegetables, fruits and natural fibers, to meet our complete needs. You couldn't live without your heart and you can't live without agricultural products.

Agriculture provides other necessary things to Sonoma County. Many of the jobs people have today relate to agriculture. People who drive ice-cream trucks, waitresses at soda fountains and people who work in cheese plants can all thank agriculture for their jobs. Our farms also give pleasure to passing people who aren't familiar with farm animals. If they haven't been used to open spaces, green grass, hills and fields, they will enjoy coming to Sonoma County. Those of us who already live here and enjoy our farm scenes every day need to be careful not to take them too lightly.

Just as we must keep our heart healthy, we must keep our farms healthy. Remember - Agriculture is the Heartbeat of Sonoma County!"

FRUIT AND NUT CROP SUMMARY

CROP	YEAR	BEARING ACRES	TON/ACRE	TOTAL TONS	DOLLAR VALUE		
					\$ /TON	SUB TOTAL	TOTAL
<u>Apples, all</u>	1989	4,821	14.37	69,259	125.28		\$ 8,676,900
	1988	5,075	8.41	42,662	153.62		6,553,900
Processed (a)	1989					\$6,924,537	
	1988					2,982,169	
Fresh	1989					1,752,343	
	1988					3,571,729	
<u>Grapes(wine) all</u>	1989	29,298	4.42	129,544	944.13		122,306,600
	1988	29,452	3.54	104,161	804.76		83,824,800
<u>Pears, Bartlett</u>	1989	180	4.22	760	173.68		132,000
	1988	180	3.95	711	195.92		139,300
Processed	1989			685	158.45	108,538	
	1988			637	178.00	113,386	
Fresh	1989			75	313.00	23,475	
	1988			74	350.00	25,900	
<u>Prunes</u>	1989	1,420	(b)1.74	2,473	756.45		1,870,700
	1988	1,471	(b)1.00	1,484	650.68		965,600
<u>Walnuts</u>	1989	370	.14	53	896.17		47,500
	1988	351	.51	69	1006.00		69,400
<u>Miscel. (c)</u>	1989						431,700
	1988						570,000
<u>TOTAL</u>	1989						\$133,465,400
	1988						92,122,700

(a) Includes canned, juice/cider and dried.

(b) Dry tons.

(c) Includes cherries, bush-berries, kiwi, black walnuts, plums, asian pear, etc.

VEGETABLE CROPS

CROP	YEAR	HARVESTED ACREAGE	DOLLAR VALUE
Miscellaneous	1989	756	\$8,225,900
truck farms (d)	1988	715	7,816,300

(d) includes melons, mushrooms, potatoes, pumpkins, squash, tomatoes, etc.

**NURSERY PRODUCTS**

ITEM	YEAR	SOLD	UNIT	DOLLAR VALUE	
				\$ /UNIT	TOTAL
Grapevines	1989	3,500,500	plant/		\$ 8,243,500
	1988	1,482,327	cutting		2,474,900
Ornamentals	1989	1,891,349	plant	\$ 2.81(a)	5,316,400
	1988	2,651,044	plant	2.54(a)	6,743,600
Bedding Plant	1989	350,674	flat	9.73	3,413,700
	1988	268,887	flat	10.37	2,788,900
Christmas Trees	1989	29,052		21.96	651,100
	1988	32,868		21.98	722,400
Misc. Products (b)	1989				6,295,300
	1988				6,225,300
TOTAL	1989				\$23,920,000
	1988				18,955,100

(a) Per unit price includes all type trade containers.

(b) Includes deciduous fruit and nut trees, cut flowers, bulbs, turf, forest seedlings, house plants, orchids, cactus, herbaceous perennials and dry flowers.

**APIARY PRODUCTS**

ITEM	YEAR	PRODUCTION		DOLLAR VALUE	
		TOTAL	UNIT	\$ /UNIT	TOTAL
Honey	1989	11,670	lb.	.97	\$10,862
	1988	106,880	lb.	.57	60,900
Wax	1989	165	lb.	2.07	625
	1988	879	lb.	.93	800
Package bees	1989	0	lb.	.00	0
	1988	0	lb.	.00	0
Pollination	1989				77,900
	1988				64,200
Total	1989				89,800
	1988				125,900

**TIMBER HARVEST**

CROP	YEAR(c)	PRODUCTION	UNIT(d)	DOLLAR VALUE(e)
Timber	1988	37,900,000	board feet	\$4,776,000
	1987	25,281,000	board feet	2,818,000

(c) Harvest year 1988.

(d) Board feet is the quantity of timber cut and scaled.

(e) Value of the timber immediately before cutting (information only)

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	DOLLAR VALUE	
				PER UNIT	TOTAL
Milk	1989(a)	5,561,173	cwt	\$12.34	\$68,624,900
Market	1988	5,678,900	cwt	10.88	61,786,100
Manufacturing	1989(a)	24,610	cwt	11.60	285,500
	1988	23,400	cwt	9.89	231,100
Wool	1989	248,467	lb.	.79(b)	195,500
	1988	291,246	lb.	.87(b)	252,000
Eggs, chicken	1989	14,400,903	doz.	.57	8,256,500
Market	1988	17,634,567	doz.	.51	8,993,400
By-products	1989	859,856	doz.	.36	203,000
	1989	1,063,137	doz.	.19	202,000
Miscellaneous	1989				6,511,900
Products(c)	1988				5,485,000
TOTAL	1989				\$84,077,300
	1988				76,949,600

(a) Preliminary

(b) Does not include incentive payments.

(c) Includes market duck eggs, turkey hatching eggs, chicken hatching eggs, goat milk.

LIVESTOCK AND POULTRY

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVEWEIGHT	UNIT	DOLLAR VALUE	
					PER UNIT	TOTAL
Cattle/	1989	38,299	225,632	cwt	67.14	\$15,149,900
Calves	1988	38,038	211,387	cwt	66.85	14,131,500
Veal	1989	4,510	16,011	cwt	105.00	1,765,200
	1988	8,000	28,000	cwt	* 117.50	3,290,000
Sheep/	1989	21,270	23,033	cwt	58.09	1,338,000
Lambs	1988	19,415	20,968	cwt	59.49	1,247,400
Hogs/	1989	9,050	19,675	cwt	44.78	881,100
Pigs	1988	9,230	20,105	cwt	45.52	915,200
Turkeys	1989	163,103	3,387,303	lb.	.494	1,673,600
	1988	187,856	4,099,816	lb.	.468	1,919,400
Misc.	1989					16,459,800
Prod.(d)	1988					* 19,033,400
Total	1989					\$37,267,600
	1988					40,536,900

(d) Includes animal breeding stock, chick, ducks, turkey poults, fryers, roasters and other chickens.

\* Revised 1988 figure.

FIELD CROPS

CROP	YEAR	HARVESTED ACRE	TON/ ACRE	TOTAL	UNIT	DOLLAR VALUE	
						\$ /UNIT	TOTAL
Hay	1989	16,049	2.90	46,641	ton	\$67.00	\$ 3,124,900
Grain	1988	17,114	2.15	37,340	ton	64.00	2,389,800
Wild	1989	1,750	2.06	3,610	ton	44.66	161,200
	1988	1,900	2.00	3,800	ton	42.25	160,600
Green Chop (a)	1989	318	38.05	12,100	ton	15.00	181,500
	1988	746	18.37	13,706	ton	*15.00	*205,600
Oats, grain	1989	2,145	1.19	2,557	ton	240.00	613,700
	1988	3,184	.92	2,934	ton	240.00	704,200
Pasture, irrigated	1989	8,800			acre	96.00	844,800
	1988	8,750			acre	95.75	837,800
Grassland	1989	209,500			acre	10.00	2,095,000
	1988	210,000			acre	9.00	1,890,000
Woodland	1989	175,500			acre	1.00	175,500
	1989	176,000			acre	1.00	176,000
Ensilage Corn	1989	586	18.21	10,672	ton	43.63	465,600
	1988	680	17.81	12,112	ton	38.17	462,300
Oats Silage	1989	6,502	10.21	66,402	ton	38.63	2,565,100
	1988	7,243	10.44	75,633	ton	33.17	2,508,700
Straw	1989			1,060	ton	28.97	30,500
	1988			300	ton	30.00	9,000
Miscel. (b)	1989	1,931					445,300
	1988	1,632					428,100
Total	1989						\$10,703,100
	1988						* 9,772,100

(a) Much of the green chop and ensilage is not sold, but used on the farm. The value is determined by its feed equivalent of hay after it is cut, loaded and ensiled.

(b) Includes alfalfa, barley, safflower, wheat, rye and sudan.

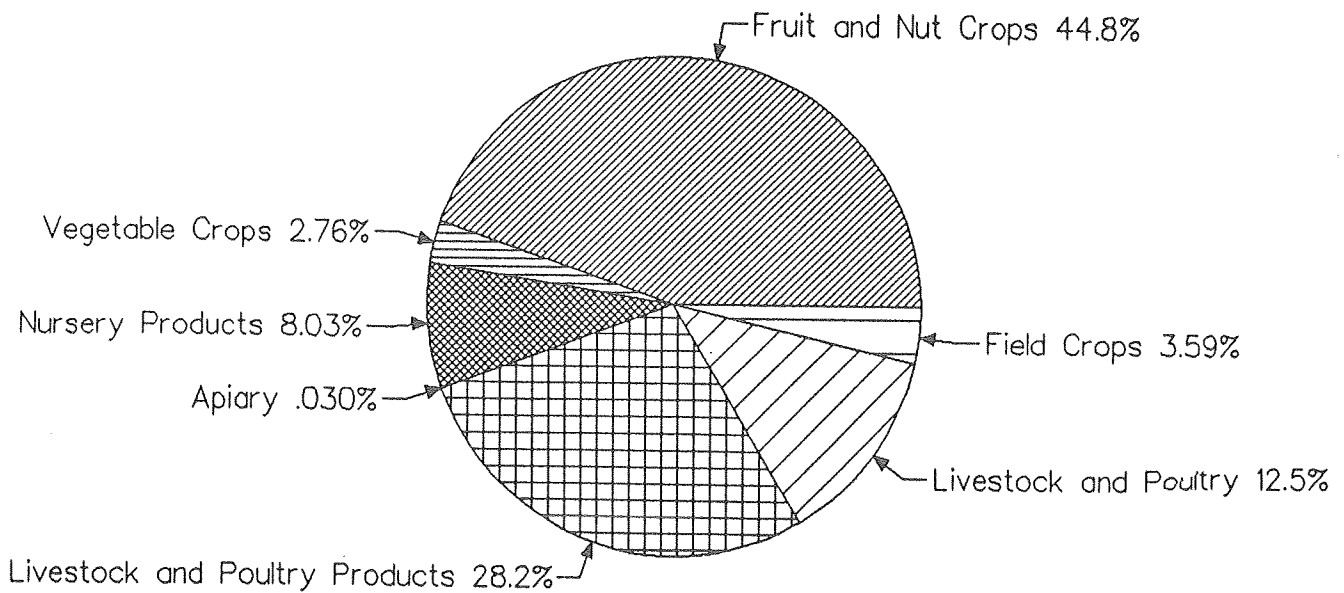
(\*) Revised 1988 totals.

## RECAPITULATION

	1988	1989
FRUIT AND NUT CROPS	\$92,122,700	\$133,465,400
VEGETABLE CROPS	7,816,300	8,225,900
NURSERY PRODUCTS	18,955,100	23,920,000
APIARY	125,900	89,800
LIVESTOCK AND POULTRY PRODUCTS	76,949,600	84,077,300
LIVESTOCK AND POULTRY	40,536,900	37,267,600
FIELD CROPS	9,772,090 *	10,703,100
<b>TOTAL</b>	<b>\$246,278,100 *</b>	<b>\$297,749,100</b>

\* Revised 1988 total.

## 1989 Production





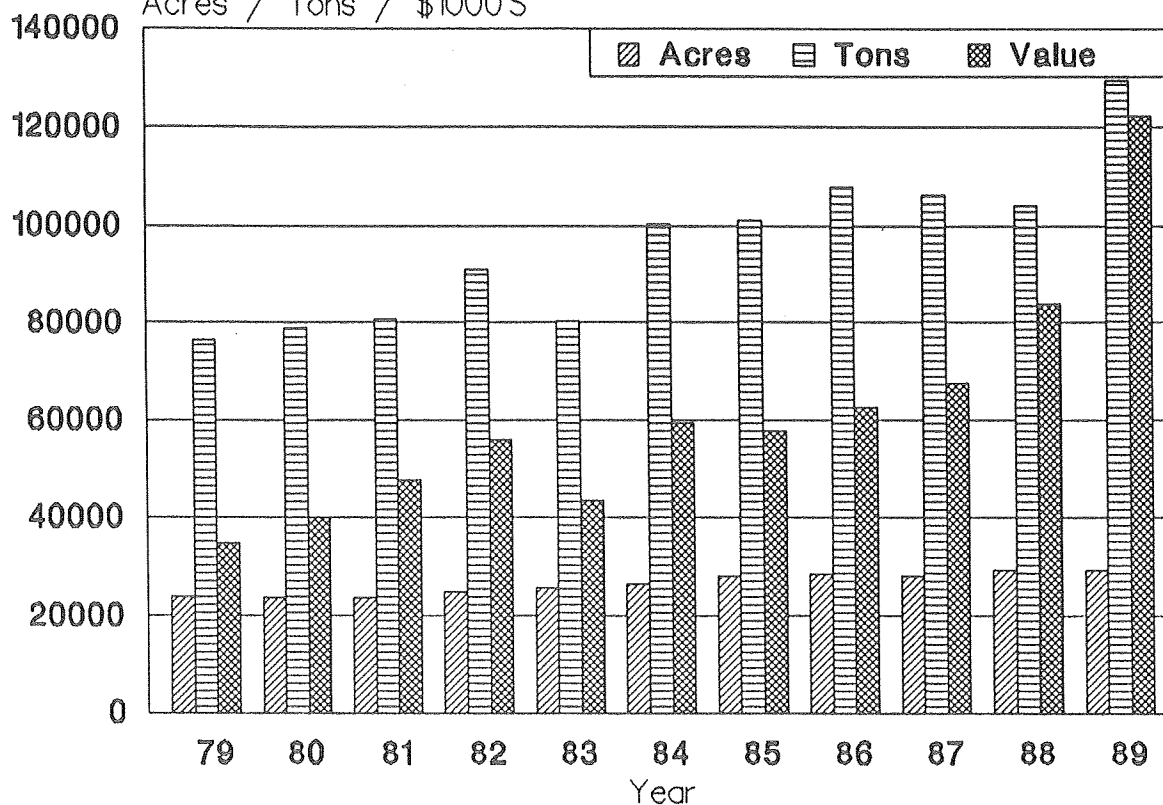
WINE GRAPE PRODUCTION

VARIETY	ACRES			PRODUCTION		
	BEARING	NON BEARING	TOTAL	TONS	\$ /TON	DOLLAR VALUE TOTAL
Alicante	59	0	59	130	\$ 402.94	\$ 52,302
Cabernet Franc	276	90	366	1,159	1,174.01	1,361,265
Cabernet Sauv.	5,426	522	5,948	20,525	1,123.46	23,059,128
Carignane	445	0	445	1,458	453.55	661,231
Early Burgandy	30	0	30	50	372.73	18,599
Gamay Beaujolais	284	0	284	966	566.35	547,377
Grenache	16	7	23	16	745.07	11,847
Merlot	826	382	1,208	4,337	1,101.85	4,778,723
Napa Gamay	264	0	264	1,009	520.42	525,156
Petite Sirah	381	9	390	494	674.85	333,511
Pinot Noir	2,737	189	2,926	15,571	738.31	11,496,446
Zinfandel	4,137	274	4,411	16,505	885.53	14,615,584
Other Reds	173	7	180	808	702.05	557,261
<b>TOTAL REDS</b>	<b>15,054</b>	<b>1,480</b>	<b>16,534</b>	<b>63,028</b>		<b>58,018,430</b>
<b>WHITE</b>						
Burger	92	0	92	292	299.10	87,487
Chardonnay	8,388	1,354	9,742	41,231	1,215.16	50,102,505
Chenin Blanc	680	3	683	3,977	394.42	1,568,490
French Colombard	1,043	6	1,049	3,950	313.39	1,237,828
Gewurztraminer	742	0	742	3,032	606.04	1,837,453
Gray Riesling	55	0	55	213	315.52	67,143
Green Hungarian	13	0	13	89	300.00	26,520
Muscat Blanc	72	10	82	259	795.78	206,266
Palomino	55	0	55	56	357.75	20,177
Pinot Blanc	213	0	213	815	921.26	751,195
Sauvignon Blanc	1,776	20	1,796	9,662	709.11	6,851,421
Sauvignon Vert	88	0	88	231	288.87	66,700
Somillion	224	6	230	781	601.09	469,572
White Riesling	738	0	738	1,382	562.97	777,912
Other Whites	96	26	122	544	399.82	217,503
<b>TOTAL WHITE</b>	<b>14,244</b>	<b>1,425</b>	<b>15,669</b>	<b>66,513</b>		<b>64,288,171</b>
<b>TOTAL ALL WINE GRAPES</b>	<b>29,298</b>	<b>2,905</b>	<b>32,203</b>	<b>129,544</b>	<b>944.13</b>	<b>122,306,600</b>

# Ten Year Wine Grape Comparison

Sonoma County, California

Acres / Tons / \$1000'S



## FRUIT, NUT AND GRAPEVINE ACREAGE

CROPS	ACRES		TOTAL
	BEARING	NON-BEARING	
Apples	4,821	289	5,110
Cherries	4	0	4
Figs	6	0	6
Grapes, wine	29,298	2,905	32,203
Kiwi	25	0	25
Peaches	20	0	20
Pears	193	11	204
Plums	8	1	9
Prunes			
French	(1,390)	(22)	(1,412)
Imperial	(30)	(0)	(30)
Total	1,420	22	1,442
Walnuts			
Budded	(370)	(3)	(373)
Black	(16)	(0)	(16)
Total	386	3	389
<b>TOTAL ACREAGE</b>	<b>36,181</b>	<b>3,231</b>	<b>39,412</b>

APPLE PRODUCTION

CROP	YEAR	BEARING ACRES	TON/ ACRE	TOTAL TON	DOLLAR VALUE		
					\$/TON	SUB-TOTAL	TOTAL
<u>Gravenstein</u>	1989	1,386	16.05	22,243	\$124.21		\$2,762,800
	1988	1,626	6.84	11,119	139.21		1,547,800
Fresh	1989			1,832	389.81	\$	714,129
	1988			2,067	391.38		808,982
Canned	1989			2,148	115.06		247,140
	1988			1,934	100.92		195,186
Juice/cider	1989			15,981	96.59		1,543,674
	1988			5,154	65.47		337,433
Dried	1989			2,282	113.00		257,866
	1988			1,964	105.00		206,220
<u>Late Apples</u>	1989	3,435	13.69	47,016	125.78		5,914,100
	1988	3,449	9.15	31,543	158.71		5,006,100
Fresh	1989			2,994	346.76		1,038,214
	1988			8,451	326.91		2,762,747
Canned	1989			7,876	128.54		1,012,353
	1988			6,855	105.45		722,867
Juice/cider	1989			24,640	98.47		2,426,404
	1988			8,053	65.69		529,033
Dried	1989			11,506	124.90		1,437,100
	1988			8,184	121.14		991,430
<u>TOTALS</u>	1989	4,821	14.37	69,259	\$125.28		\$8,676,900
	1988	5,075	8.41	42,662	153.62		6,553,900

INVENTORIES OF LIVESTOCK AND POULTRY  
(NUMBER OF HEAD)

ITEM	1-1-89	1-1-90
Cattle and calves, all	125,000	126,000
Milk cows and heifers 2 years and over	37,500	34,000
Beef cows and heifers 2 years and over	15,600	16,800
Sheep and Lambs, all	26,000	25,800
Hogs and Pigs	4,500	5,600
Laying Hens and Pullets	1,010,700	824,900
Turkey Breeders	61,390	60,940
Equine (a)	17,000	17,255

(a) Includes donkeys, mules, draft horses and ponies.  
(Informational only)

### 1989 MILLION DOLLAR CROPS

1.	Wine Grapes.....	\$122,306,600
2.	Market Milk.....	68,624,900
3.	Livestock and Poultry (Misc.).....	16,459,800
4.	Apples.....	8,676,900
5.	Eggs, Chicken.....	8,256,500
6.	Grapevines.....	8,243,500
7.	Vegetables.....	8,225,900
8.	Livestock and Poultry Products (Misc.).....	6,511,900
9.	Nursery Products (Misc.).....	6,295,300
10.	Ornamental.....	5,316,400
11.	Bedding Plants.....	3,413,700
12.	Oat Hay.....	3,124,900
13.	Oat Silage.....	2,565,100
14.	Grassland.....	2,095,000
15.	Prunes.....	1,870,700
16.	Veal.....	1,765,200
17.	Turkeys.....	1,673,600
18.	Sheep/Lambs.....	1,338,000

SONOMA COUNTY AGRICULTURAL COMMISSIONER'S STAFF

Agricultural Commissioner	Eric Lauritzen
Assistant Agricultural Commissioner	Don Loukonen
Deputy Agricultural Commissioner II	John Westoby Tom Roberts
Deputy Agricultural Commissioner	Jim Sallee Tosh Kobayashi Mike Smith
Agricultural Inspector III	Robert Key Pierre Gadd Marilyn Vernon
Agricultural Inspector II	Gary Bjork
Agricultural Inspector I	Bruce McArthur
Agricultural Field Assistant	Bonnie Sallee Bill Koenig
Hunter-Trapper	Jim O'Brien
Executive Secretary	Suzanne Stewart
Account Clerk II	Esther Martinez
Clerk Typist II	Kristine Binninger