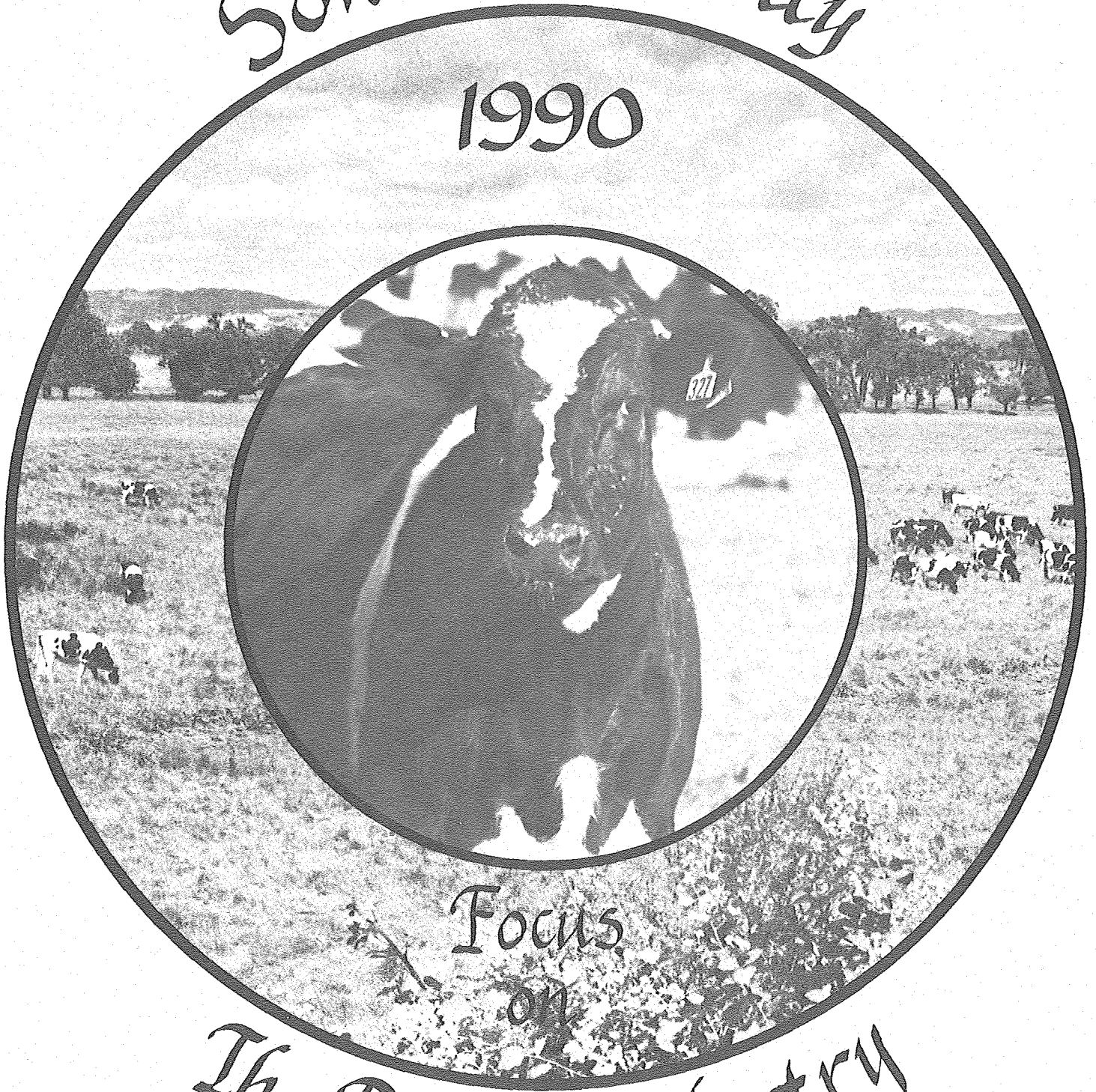


Agricultural Crop Report

Sonoma County

1990



*Focus
on*

The Dairy Industry



COUNTY OF SONOMA
OFFICE OF THE AGRICULTURAL COMMISSIONER

AGRICULTURE DEPARTMENT

2604 VENTURA AVENUE, ROOM 101
SANTA ROSA, CALIFORNIA 95403-2810
TELEPHONE (707) 527-2371

ERIC LAURITZEN
AGRICULTURAL COMMISSIONER
DONALD LOUKONEN
ASST. AGRICULTURAL COMMISSIONER

April, 1991

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

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

It is with pleasure that I submit the Sonoma County Annual Crop and Livestock Report for 1990. These figures represent the gross value of production regardless of utilization and are not meant to reflect net farm income.

The 1990 total of \$290,697,900 is 2% lower than the 1989 value for agricultural production in Sonoma County. Although many areas of production showed increases in value, the fruit and nut crop category dropped by almost \$12 million. Both grape and apple production were approximately 17,000 tons less than in 1989. The drop in grape yield was primarily due to rains during bloom and apple production was impacted by the continued drought.

Livestock and poultry products rose in value by over \$1 million. This was primarily due to increased milk production and increased egg production, coupled with a 6 cent increase in the average price of eggs/dozen. Nursery value continued to increase on the strength of ornamental, bedding plant, houseplant and cut flower sales. Grapevine production held steady as growers continue replacing phylloxera and virus susceptible rootstock. Although apiary products account for only a small portion of the total crop report, beekeepers experienced an exceptional honey flow during 1990 which resulted in honey value increasing by more than \$50,000.

Sonoma County vegetable production was up by \$1.3 million as a result of increased harvested acreage. This shows the continued interest in the fine quality vegetables that Sonoma County growers are supplying to restaurants, wholesalers, retailers and local farm markets. Cattle and sheep producers experienced decreased returns due to the continued drought. However, hogs, turkey poults, ducks and fryers were in strong demand which resulted in a net increase of \$3.6 million in the livestock and poultry category. Field crop production decreased by \$1.7 million as hay growers experienced substantial losses because of intense late season rains in May.

I wish to express by 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. Special recognition goes to Bonnie Sallee and Marilyn Vernon who compiled this report.

Respectfully submitted,

Eric Lauritzen
Agricultural Commissioner

WHAT SONOMA COUNTY AGRICULTURE MEANS TO ME
by Roalee P. Manuel

The following "Grand Prize" winning essay, from the Agricultural Day Essay Contest, sponsored by the North Bay Chapter of California Women for Agriculture, Sonoma County Farm Bureau and the Press Democrat, is reprinted with permission from Roalee P. Manuel and her parents.

Roalee is a 6th grade student from Two Rock Union School. Her award winning essay describes why agriculture brings life to Sonoma County.

"Sonoma County Agriculture means farms and dairies. They produce the foods we need to live. Vegetables, eggs, fruits, meats and milk are the agricultural products from Sonoma County.

Agriculture gives us fresh air and animals. It means I can get away from the city. The agriculture has to have wide open space, and all that wide open space is a place where I can live and grow.

Agriculture is hard work. It means that I can someday be something because I learn from agriculture and agriculture gives jobs and responsibility. Jobs are very important for people and agriculture helps to support our economy.

Agriculture is beauty. The trees, plants, grass and everything around us is agriculture. The hills and plains are the land on which agriculture thrives. The animals are part of agriculture that add productivity to the beauty of the country. They live and breed to bring a natural scenery for everyone to enjoy. Agriculture is fresh air with many different scents.

This is what our Sonoma County agriculture means to me. It means life. The life of every person, animal, and plant all interact. The whole world depends upon agriculture."

FOCUS ON DAIRY

Sonoma County has been discovered and described by many famous people over the years, as a truly unique and beautiful place. Sonoma County offers a diversity of habitats, all of them special to those of us lucky enough to visit or live here.

Over a century and a half ago, this beauty brought the first dairymen to Sonoma County. At this time, the Mexican land grants were being divided. With this division, these early immigrant settlers from many countries were able to purchase land they could call their own. The dairymen found that the emerald hills of Spring that turn to a golden brown in Summer were a perfect place to raise their cows and crops.

The dairymen were not the only people who discovered California. In 1849, with the discovery of a different kind of gold, came settlers by the thousands. Many of these settlers congregated in San Francisco and with the increase in population came a demand for goods and products. Agriculture in the North Bay grew in response to this market, more specifically the dairy industry in Sonoma County.

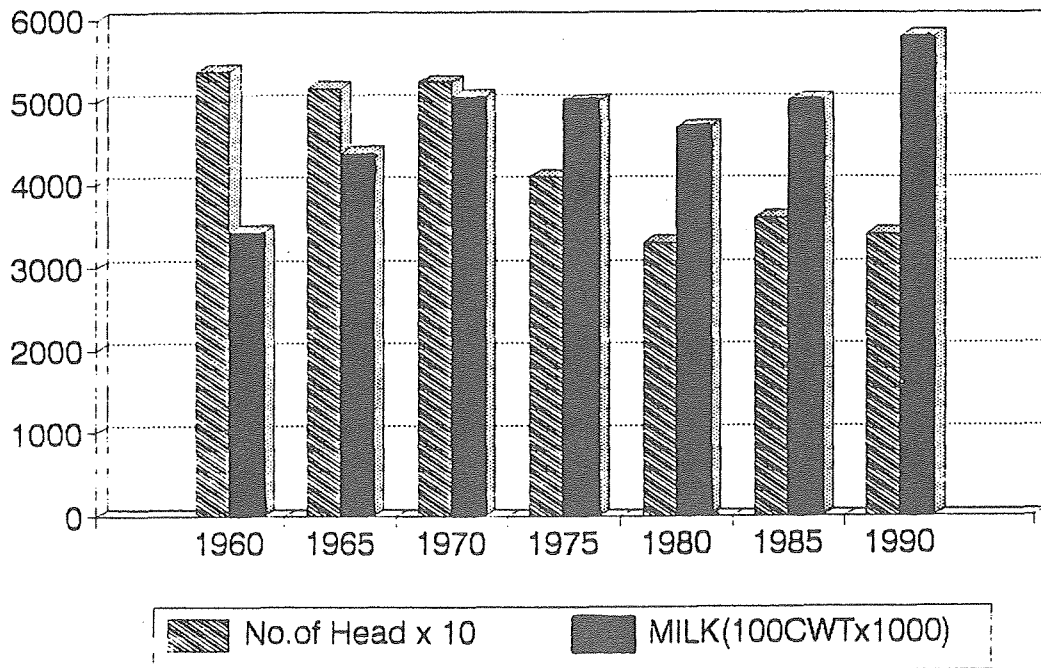
Early dairymen in Sonoma County usually owned 10 to 15 cows or as many as could be milked by hand. The cows then were breeds, such as Guernseys and Jerseys, with milk high in butterfat. The milk in the early part of the century was used to make butter and cheese due to the lack of refrigeration. Sonoma County's butter and cheese was transported to the San Francisco market via schooner down the Petaluma River, and later with the completion of the North Pacific Railroad, via rail. The geography, soil and climate of Sonoma County allowed the dairy industry to flourish, and at one time there were 800 dairy ranches.

Today descendants of these early dairymen are still rising early to milk the cows just as their grandparents did before them. The cows are milked by machine and the emphasis in the dairy industry has shifted from the production of butter and cheese to fluid milk. With the change in emphasis came a change in the breed of cows used for milking. The majority of dairies in Sonoma County milk the familiar black and white cow known as the Holstein. The Holstein has proven itself to be a good producer of fluid milk by producing as much as 7 gallons (60 pounds) in one day, which is almost double that of her 1950's counterpart.

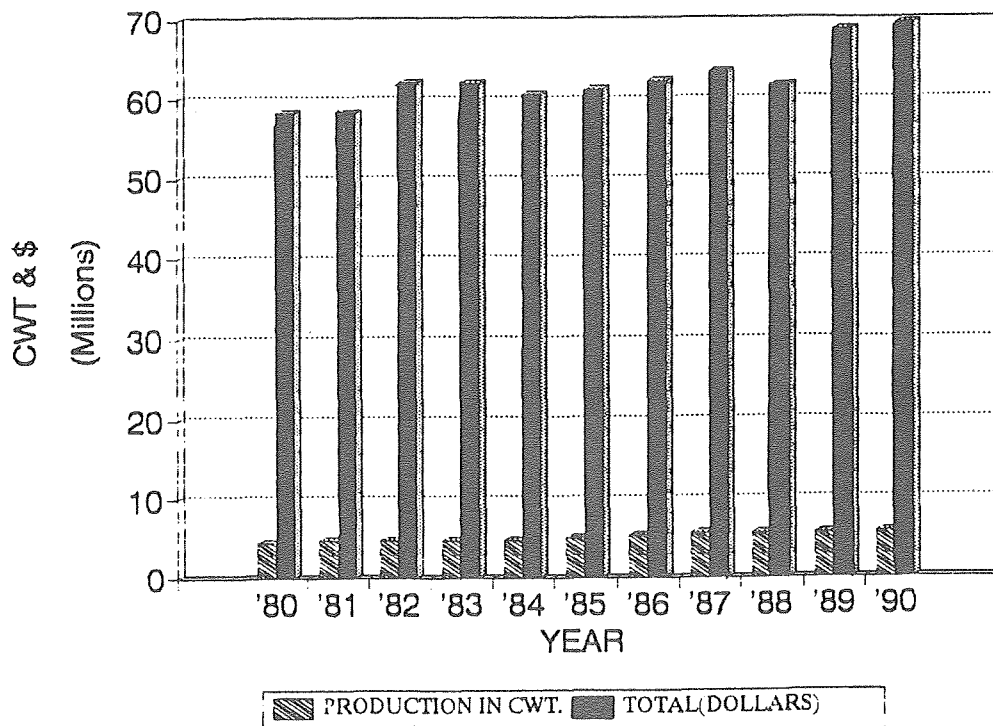
The dairy industry has played an important role in Sonoma County Agriculture for over a century. For many years milk production was the number one agricultural commodity until it fell to second in 1987 behind winegrapes. We are now ranked 9th in the state in milk production and it is hoped that the dairy industry will continue to play an important role in Sonoma County Agriculture. With the continued strength of the dairy industry, we the citizens of Sonoma County will be able to continue to enjoy the vistas of green pastures, golden hillsides and cows grazing and the dairy industry will still be a major force in the heartbeat of Sonoma County Agriculture.

PRODUCTION VS. NUMBER OF COWS

1960-1990



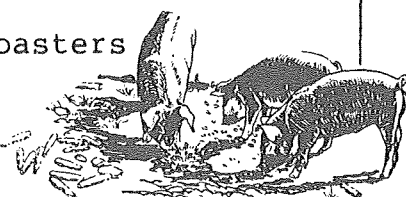
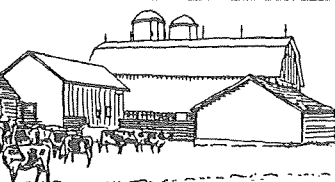
TEN-YEAR MILK PRODUCTION



LIVESTOCK AND POULTRY

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVEWEIGHT	UNIT	DOLLAR VALUE	
					PER UNIT	TOTAL
Cattle/	1990	35,553	201,926	cwt	\$68.72	\$ 13,876,500
Calves	1989	38,299	225,632	cwt	67.14	15,149,900
Sheep/	1990	21,868	23,479	cwt	50.96	1,196,600
Lambs	1989	21,270	23,033	cwt	58.09	1,338,000
Swine	1990	9,950	21,825	cwt	57.00	1,244,000
	1989	9,050	19,675	cwt	44.78	881,100
Turkeys	1990	153,256	3,327,620	lb.	.50	1,647,800
	1989	163,103	3,387,303	lb.	.494	1,673,600
Misc.	1990					22,836,000
Prod.(d)	1989					16,459,800
Total	1990					\$40,800,900
	1989					37,267,600

(d) Includes chicks, ducks, turkey poults, fryers, roasters and other chickens and veal.



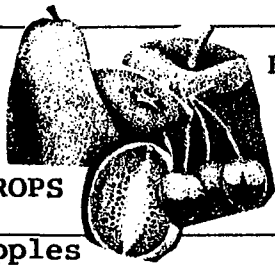
LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	DOLLAR VALUE	
				PER UNIT	TOTAL
Milk	1990(a)	5,777,231	cwt	\$11.96	\$69,580,800
Market	1989	5,561,173	cwt	12.34	68,624,900
Manufacturing	1990(a)	43,200	cwt	11.01	475,800
	1989	24,610	cwt	11.60	285,500
Wool	1990	240,317	lb.	.40(b)	95,120
	1989	248,467	lb.	.79(b)	195,500
Eggs, chicken	1990	16,968,929	doz.	.63	10,648,300
Market	1989	14,400,903	doz.	.57	8,256,500
By-products	1990	1,444,665	doz.	.14	201,900
	1989	859,856	doz.	.36	203,000
Miscellaneous	1990				4,189,200
Products(c)	1989				6,511,900
TOTAL	1990				\$85,191,100
	1989				84,077,300

(a) Preliminary

(b) Does not include incentive payments.

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



FRUIT, NUT AND GRAPEVINE ACREAGE

CROPS	ACRES		
	BEARING	NON-BEARING	TOTAL
Apples	5,066	35	5,101
Cherries	4	0	4
Figs	6	0	6
Grapes, wine	29,473	3,691	33,164
Kiwi	37	0	37
Peaches	20	0	20
Pears	154	5	159
Plums	8	1	9
Prunes			
French	(1,213)	(6)	(1,219)
Imperial	(30)	(0)	(30)
Total	1,243	6	1,249
Walnuts	360	1	361
TOTAL ACREAGE	36,371	3,739	40,110



INVENTORIES OF LIVESTOCK AND POULTRY (NUMBER OF HEAD)

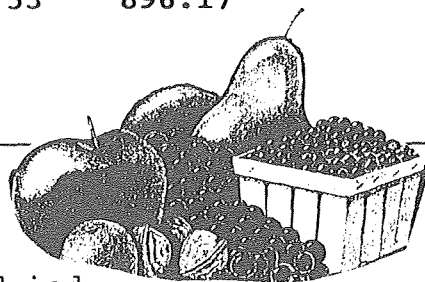
ITEM	1-1-90	1-1-91
Cattle and calves, all	126,000	116,000
Milk cows and heifers 2 years and over	34,000	36,000
Beef cows and heifers 2 years and over	16,800	16,100
Sheep and Lambs, all	25,800	25,000
Swine	5,600	5,500
Laying Hens and Pullets	824,900	914,900
Turkey Breeders	60,940	37,200
Equine (a)	17,255	17,500

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



FRUIT AND NUT CROP SUMMARY

CROP	YEAR	BEARING ACRES	TON/ACRE	TOTAL TONS	P/TON	DOLLAR VALUE SUB TOTAL	TOTAL
<u>Apples, all</u>	1990	5,066	10.27	52,053	\$131.76	\$	6,858,300
	1989	4,821	14.37	69,259	125.28		8,676,900
Processed (a)	1990						4,572,300
	1989						6,924,537
Fresh	1990						2,286,000
	1989						1,752,343
<u>Grapes(wine) all</u>	1990	29,473	3.80	111,921	1,004.30		112,401,900
	1989	29,298	4.42	129,544	944.13		122,306,600
<u>Pears, Bartlett</u>	1990	193	4.31	832	234.25		194,900
	1989	180	4.22	760	173.68		132,000
Processed	1990			782	231.00		180,642
	1989			685	158.45		108,538
Fresh	1990			50	285.00		14,250
	1989			75	313.00		23,475
<u>Prunes</u>	1990	1,243	1.68	2,086	856.51		1,786,700
	1989	1,420	(b)1.74	2,473	756.45		1,870,700
<u>Walnuts</u>	1990	360	.16	57	1,020.63		58,200
	1989	370	.14	53	896.17		47,500
<u>Miscel. (c)</u>	1990						501,900
	1989						431,700
<u>TOTAL</u>	1990						\$121,801,900
	1989						133,465,400



- (a) Includes canned, juice/cider and dried.
- (b) Dry tons.
- (c) Includes cherries, bush-berries, kiwi, black walnuts, plums, asian pear, peaches, strawberries, figs, etc.



VEGETABLE CROPS

CROP	YEAR	HARVESTED ACREAGE	DOLLAR VALUE
Miscellaneous	1990	837	\$9,541,600
truck farms (d)	1989	756	8,225,900

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



NURSERY PRODUCTS

ITEM	YEAR	SOLD	UNIT	DOLLAR VALUE	
				P/UNIT	TOTAL
Grapevines	1990	3,050,084	plant/		\$ 8,154,400
	1989	3,500,500	cutting		8,243,500
Ornamentals	1990	2,078,700	plant	\$ 2.71(a)	5,642,200
	1989	1,891,349	plant	2.81(a)	5,316,400
Bedding Plant **	1990	327,968	flat	8.35	2,739,700
	1989	222,175	flat	9.58	2,128,700
Christmas Trees	1990	25,425		23.20	589,900
	1989	29,052		21.96	651,100
Misc. Products (b)	1990				7,024,800
	1989				6,295,300
TOTAL	1990				\$24,151,000
	** 1989				22,635,000

** Revised 1989 totals

(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, dry flowers and wreaths.

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION		DOLLAR VALUE	
		TOTAL	UNIT	P/UNIT	TOTAL
Honey	1990	100,910	lb.	.63	\$63,700
	1989	11,670	lb.	.97	10,862
Wax	1990	2,475	lb.	.88	2,200
	1989	165	lb.	2.07	625
Package bees	1990	0	lb.	.00	0
	1989	0	lb.	.00	0
Pollination	1990				99,300
	1989				77,900
Total	1990				165,200
	1989				89,800

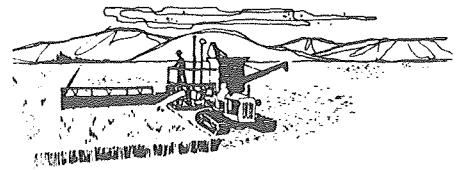
TIMBER HARVEST

CROP	YEAR(c)	PRODUCTION	UNIT(d)	DOLLAR
				VALUE(e)
Timber	1989	50,486,000	board feet	\$9,232,789
	1988	37,900,000	board feet	4,776,000

(c) Harvest year 1989.

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

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



FIELD CROPS

CROP	YEAR	HARVESTED ACRE	TON/P ACRE	TOTAL TONS	UNIT	DOLLAR VALUE	
						P/UNIT	TOTAL
Hay	1990	16,168	2.27	36,770	ton	\$64.00	\$2,353,300
Grain	1989	16,049	2.90	46,641	ton	67.00	3,124,900
Wild	1990	1,465	1.31	1,916	ton	46.00	88,100
	1989	1,750	2.06	3,610	ton	44.66	161,200
Green Chop	1990	1,818	7.60	13,813	ton	23.00	317,700
(a)	1989	318	38.05	12,100	ton	15.00	181,500
Oats,	1990	1,517	.92	1,391	ton	255.00	354,700
grain	1989	2,145	1.19	2,557	ton	240.00	613,700
Pasture,	1990	8,950			acre	96.00	859,200
irrigated	1989	8,800			acre	96.00	844,800
Grassland	1990	209,000			acre	10.00	2,090,000
	1989	209,500			acre	10.00	2,095,000
Woodland	1990	175,000			acre	1.00	175,000
	1989	175,500			acre	1.00	175,500
Ensilage	1990	535	18.25	9,765	ton	44.83	437,800
Corn	1989	586	18.21	10,672	ton	43.63	465,600
Oats	1990	4,652	10.55	49,106	ton	39.83	1,955,900
Silage	1989	6,502	10.21	66,402	ton	38.63	2,565,100
Straw	1990			1,495	ton	34.79	52,000
	1989			1,060	ton	28.97	30,500
Miscel.	1990	1,323					362,500
(b)	1989	1,931					445,300
Total	1990						\$ 9,046,200
	1989						10,703,100

(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.

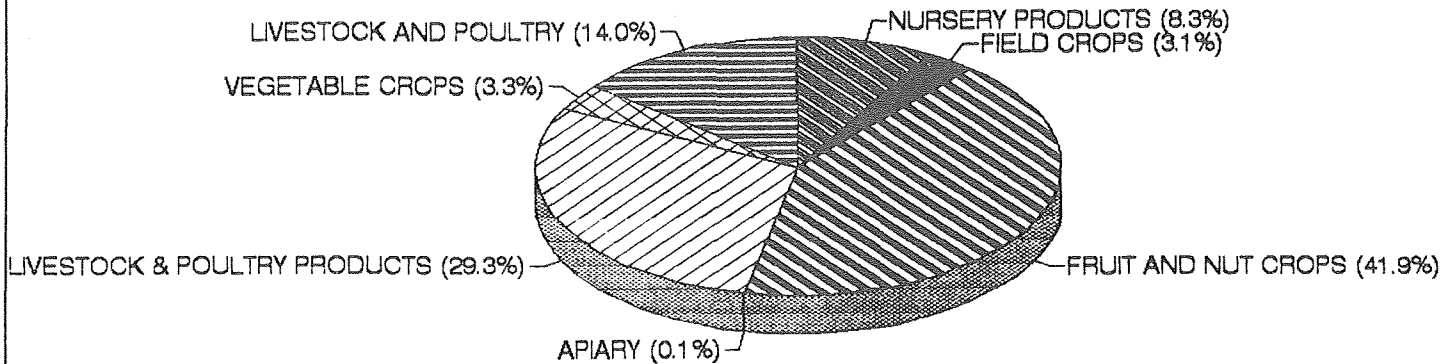
(b) Includes alfalfa, barley, safflower, wheat, rye, vetch and sudan.

RECAPITULATION

	1989	1990
FRUIT AND NUT CROPS	\$133,465,400	\$121,801,900
VEGETABLE CROPS	8,225,900	9,541,600
NURSERY PRODUCTS	**22,635,000	24,151,000
APIARY	89,800	165,200
LIVESTOCK AND POULTRY PRODUCTS	84,077,300	85,191,100
LIVESTOCK AND POULTRY	37,267,600	40,800,900
FIELD CROPS	10,703,100	9,046,200
TOTAL	**\$296,464,100	\$290,697,900

** corrected 1989 total

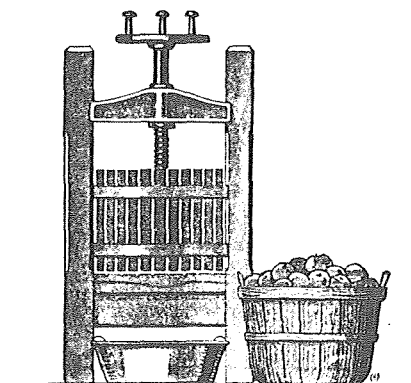
1990 PRODUCTION

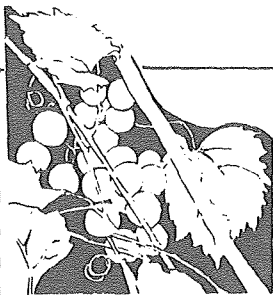


APPLE PRODUCTION

CROP	YEAR	BEARING ACRES	TON/ACRE	TOTAL TON	P/TON	DOLLAR VALUE SUB-TOTAL	TOTAL
<u>Gravenstein</u>	1990	1,564	7.90	12,363	\$124.65		\$1,541,100
	1989	1,386	16.05	22,243	124.21		2,762,800
Fresh	1990			1,825	337.59	\$ 616,100	
	1989			1,832	389.81	714,129	
Canned	1990			2,491	101.53	252,900	
	1989			2,148	115.06	247,140	
Juice/cider	1990			8,047	83.52	672,100	
	1989			15,981	96.59	1,543,674	
Dried (a)	1990			0			0
	1989			2,282	113.00	257,866	
<u>Late Apples</u>	1990	3,502	11.33	39,690	133.97		5,317,200
	1989	3,435	13.69	47,016	125.78		5,914,100
Fresh	1990			4,626	360.98	1,669,900	
	1989			2,994	346.76	1,038,214	
Canned	1990			9,584	122.63	1,175,300	
	1989			7,876	128.54	1,012,353	
Juice/cider	1990			18,024	86.63	1,561,400	
	1989			24,640	98.47	2,426,404	
Dried (a)	1990			7,456	122.13	910,600	
	1989			11,506	124.90	1,437,100	
TOTALS	1990	5,066	10.27	52,053	\$131.76		\$6,858,300
	1989	4,821	14.37	69,259	125.28		8,676,900

(a) green tons



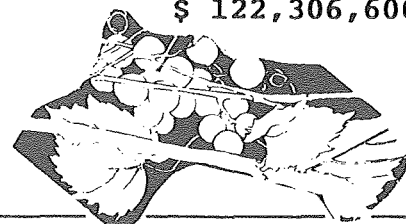


**WINE GRAPE PRODUCTION
(WHITE)**

VARIETY	YEAR	ACRES			PRODUCTION		
		BEARING	NON BEARING	TOTAL	TONS	P/TON	DOLLAR VALUE TOTAL
Burger	1990	67	1	68	239	\$ 319.02	\$ 76,200
	1989	92	0	92	292	299.10	87,487
Chardonnay	1990	8,956	1,631	10,587	41,220	1,284.33	52,940,100
	1989	8,388	1,354	9,742	41,231	1,215.16	50,102,505
Chenin Blanc	1990	563	3	566	2,951	412.20	1,216,400
	1989	680	3	683	3,977	394.42	1,568,490
French Colombard	1990	893	23	916	4,673	312.56	1,460,600
	1989	1,043	6	1,049	3,950	313.39	1,237,828
Gewurz-traminer	1990	524	0	524	1,577	616.09	971,600
	1989	742	0	742	3,032	606.04	1,837,453
Gray Riesling	1990	43	0	43	152	317.24	48,200
	1989	55	0	55	213	315.52	67,143
Muscat Canelli	1990	70	3	73	207	845.59	175,000
	1989	72	10	82	259	795.78	206,266
Palomino	1990	46	0	46	14	270.50	3,800
	1989	55	0	55	56	357.75	20,177
Pinot Blanc	1990	208	0	208	1,031	919.86	948,400
	1989	213	0	213	815	921.26	751,195
Sauvignon Blanc	1990	1,712	19	1,731	6,723	755.23	5,077,400
	1989	1,776	20	1,796	9,662	709.11	6,851,421
Sauvignon Vert	1990	92	0	92	194	285.78	55,400
	1989	88	0	88	231	288.87	66,700
Semillon	1990	212	2	214	815	667.62	544,100
	1989	224	6	230	781	601.09	469,572
White Riesling	1990	602	11	613	1,513	542.86	821,300
	1989	738	0	738	1,382	562.97	777,912
Other Whites	1990	77	2	79	834	392.21	322,300
	1989	109	26	135	633	399.82	244,023
TOTAL WHITE	1990	14,065	1,695	15,760	62,143		\$64,660,800
	1989	14,244	1,425	15,669	66,513		\$64,288,171

WINE GRAPE PRODUCTION
(RED)

VARIETY	YEAR	ACRES			TOTAL	TONS	PRODUCTION	
		BEARING	NON BEARING	TOTAL			P/TON	DOLLAR VALUE TOTAL
Alicante	1990	54	0	54	128	\$ 414.55	\$ 53,000	
	1989	59	0	59	130	402.94	52,302	
Cabernet Franc	1990	336	65	401	1,332	1,304.72	1,737,900	
	1989	276	90	366	1,159	1,174.01	1,361,265	
Cabernet Sauvignon	1990	5,609	714	6,323	15,133	1,274.98	19,294,300	
	1989	5,426	522	5,948	20,525	1,123.46	23,059,128	
Carignane	1990	413	0	413	1,218	469.12	571,400	
	1989	445	0	445	1,458	453.55	661,231	
Early Burgundy	1990	29	0	29	26	413.61	10,800	
	1989	30	0	30	50	372.73	18,599	
Gamay Beaujolais	1990	268	0	268	588	560.64	329,700	
	1989	284	0	284	966	566.35	547,377	
Merlot	1990	1,061	536	1,597	3,966	1,283.88	5,091,800	
	1989	826	382	1,208	4,337	1,101.85	4,778,723	
Napa Gamay	1990	226	1	227	879	539.44	474,200	
	1989	264	0	264	1,009	520.42	525,156	
Petite Sirah	1990	349	24	373	485	707.63	343,200	
	1989	381	9	390	494	674.85	333,511	
Pinot Noir	1990	2,728	336	3,064	10,225	809.81	8,280,300	
	1989	2,737	189	2,926	15,571	738.31	11,496,446	
Zinfandel	1990	4,147	200	4,347	15,314	727.20	11,136,300	
	1989	4,137	274	4,411	16,505	885.53	14,615,584	
Other Reds	1990	188	120	308	494	847.42	418,200	
	1989	189	14	203	824	702.05	569,108	
TOTAL REDS	1990	15,408	1,996	17,404	49,788		\$ 47,741,100	
	1989	15,054	1,480	16,534	63,028		\$ 58,018,430	
TOTAL ALL WINE GRAPES	1990	29,473	3,691	33,164	111,921		\$ 112,401,900	
	1989	29,298	2,905	32,203	129,544		\$ 122,306,600	



1990 MILLION DOLLAR CROPS

1.	WINE GRAPES -----	\$112,401,900
2.	MARKET MILK -----	69,580,800
3.	LIVESTOCK & POULTRY (MISC.) -----	22,836,000
4.	CATTLE & CALVES -----	13,876,500
5.	EGGS, CHICKEN -----	10,648,300
6.	VEGETABLES -----	9,541,600
7.	GRAPEVINES -----	8,154,400
8.	NURSERY PRODUCTS (MISC.) -----	7,024,800
9.	APPLES -----	6,858,300
10.	NURSERY - ORNAMENTAL -----	5,642,200
11.	LIVESTOCK & POULTRY PROD.(MISC.) -----	4,189,200
12.	NURSERY - BEDDING PLANTS -----	2,739,700
13.	OAT HAY -----	2,353,300
14.	GRASSLAND -----	2,090,000
15.	OAT SILAGE -----	1,955,900
16.	PRUNES -----	1,786,700
17.	TURKEYS -----	1,647,800
18.	SWINE -----	1,244,000

SONOMA COUNTY ANNUAL SUSTAINABLE AGRICULTURE REPORTING

The following is a report on different methods used to manage pests in Sonoma County. This list is a requirement of recent legislation that seeks to identify all methods of pest management in California.

Bio-control

Agent	Scope of Program
Yellow Star Thistle Weevil	2 nursery sites
Italian Thistle Seed Weevil	Generally distributed
Klamath Weed Beetle	Generally distributed
Puncture Vine Weevil	Generally distributed
Gorse Weevil	Generally distributed
Scotch Broom Stem Boring Moth	Generally distributed
Scotch Broom Seed Weevil	Generally distributed

Integrated Pest Management

This includes efforts to time pesticide applications by counting pests and observing temperature data that would indicate optimal treatment times. Use of cultural methods, mechanical methods and release of predatory agents in conjunction with pesticide use is another feature of this management. The following crops and acreage used IPM extensively as reported by Sue Blodgett, IPM Advisor, University of California Cooperative Extension.

Wine Grapes	24,000 acres
Apples	2,000 acres
Walnuts	200 acres
Prunes	500 acres

California Certified Organic Farmers Organic Farming (figures from North Coast Chapter)

Crop	# of Farms	Estimated Acres
Orchards (Apples & other tree fruit)	21	119.5
Grape Vineyards	10	738.5
Vegetables	48	430.75
Kiwi	2	7.5
Strawberries	1	2.6
Nursery	.66	1.0

Pest Prevention

Exclusion	67,000 shipments of plant material inspected - UPS, Postal, Federal Express, and Trucks	95 shipments quarantined for violation of plant quarantine laws
Detection	3,000 traps placed to detect exotic insects	

COMMERCIAL FISH CATCH 1988/1989

Commodity	** SUPPLEMENT TO CROP REPORT		Value
	Year	Pounds	
Salmon, Chinook	1989	896,534	\$ 2,095,370
	1988	3,587,150	10,321,300
Urchin, Sea	1989	4,025,650	1,782,550
	1988	3,726,600	1,207,160
Rockfish, Unspecified	1989	1,780,000	603,045
	1988	1,776,060	405,477
Crab, Dungeness	1989	342,921	548,668
	1988	938,083	1,303,310
Sole, Dover	1989	1,801,700	488,816
	1988	1,313,900	405,477
Sablefish	1989	466,948	177,754
	1988	353,718	139,491
Thornyhead	1989	346,194	128,843
	1988	102,020	34,723
Rockfish, Widow	1989	478,199	125,149
	1988	424,812	130,205
Swordfish	1989	32,333	121,089
	1988	1,941	10,250
Rockfish, Group Bocaccio/chili	1989	210,061	80,202
	1988	316,935	104,840
Sole, Petrale	1989	93,725	73,907
	1988	56,038	41,967
Sole, English	1989	199,322	73,694
	1988	105,114	41,639
Lingcod	1989	175,934	66,392
	1988	184,903	72,343
Sole, Rex	1989	104,432	38,347
	1988	75,591	28,895
Salmon, Coho	1989	21,968	37,704
	1988	28,545	66,973
Other	1989	235,279	164,137
	1988	701,691	433,495
Total	1989	11,211,225	\$ 6,605,667
	1988	13,693,101	15,010,704

** Source of figures is the "California Department of Fish and Game"
1990 figures are unavailable until May of 1991.