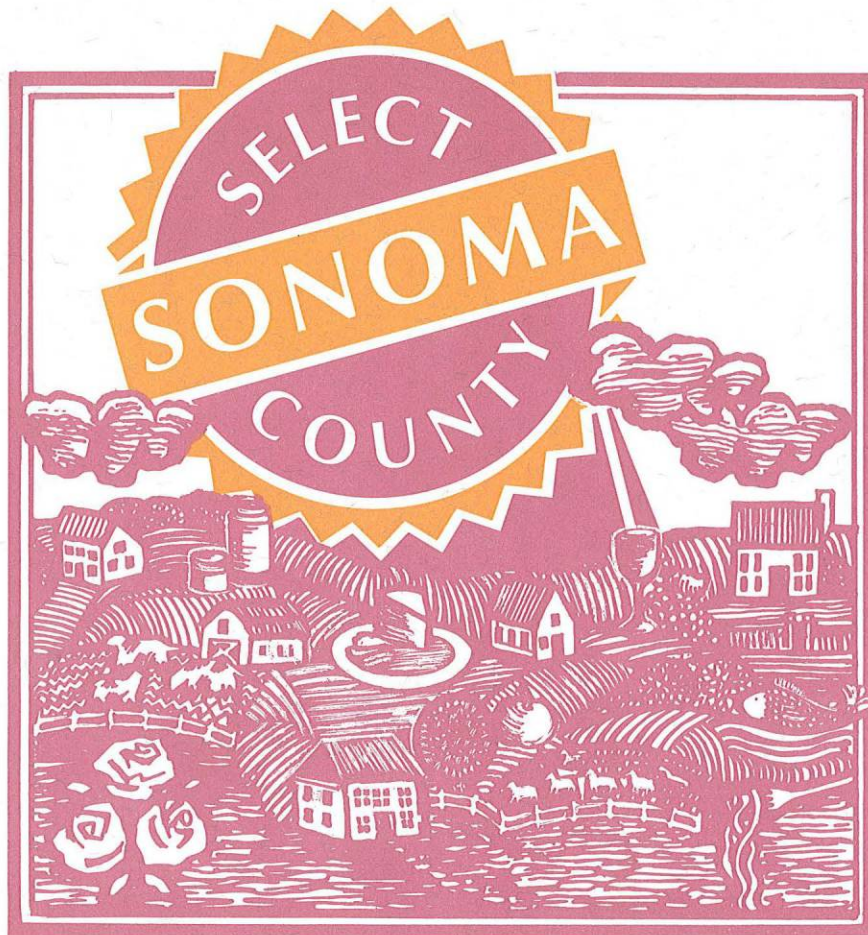


SONOMA COUNTY

1991

AGRICULTURAL
REPORT



FOCUS ON SCAMP

The Sonoma County Agricultural Marketing Program -
the nation's first county-wide agricultural marketing organization.

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OFFICE OF THE AGRICULTURAL COMMISSIONER

April 1992

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

Sonoma County Board of Supervisors:

Michael J. Cale	- District 1	James Harberson	- District 2
Nick Esposti	- District 4	Ernie Carpenter	- District 5
		Tim Smith, Chairman	- District 3

It is with pleasure that I submit the Sonoma County Annual Crop and Livestock Report of 1991. These figures represent the gross value of production regardless of utilization and are not meant to reflect net farm income. All values have been rounded to the nearest hundred dollars.

Total production value for the 1991 crop year is \$324,513,700. This value represents the largest total in the history of Sonoma County Agriculture despite a continued drought and a record-breaking freeze this past winter. Sonoma County ranks 16th in farm receipts in California, the leading production state in the nation.

Agriculture is alive and well in Sonoma County and continues to be a major contributor to our economy. The total agricultural value was 11.6% above the 1990 figure. The largest and most valuable wine grape crop ever harvested was responsible for a large portion of the \$33 million increase. Demand for ornamental nursery stock after the winter freeze fueled a \$6 million increase in the "Nursery Products" category, as homeowners replaced landscape plants. Apple prices increased almost \$30 per ton, which sent the value of the 1991 crop up \$1.7 million. "Field Crop" value increased by \$1.2 million due primarily to increases in oat hay and oat silage acreage and production.

On the downside, "Vegetable" values decreased, although acreage in production increased. The freeze was largely responsible for the decrease. "Apiary" value was also dealt a blow by the cold weather as many of the nectar sources for bees were damaged or killed by the freeze. Overall "Livestock and Poultry" was down over \$4 million although cattle/calves and turkeys showed slight increases. The largest loss was in "Miscellaneous Products" which includes chicks, fryers, roasters and veal. "Livestock and Poultry Products" were also lower, as market milk price was down by 80 cents per hundred weight. Wool prices dropped .53 cents per pound as production increased by 24,000 pounds. Egg production went up by 400,000 dozen, but prices fell by two cents per dozen.

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 gather information. Special recognition goes to Bonnie Sallee and Marilyn Vernon who compiled this report.

Respectfully submitted,

Eric Lauritzen
Agricultural Commissioner

SONOMA COUNTY AGRICULTURAL MARKETING PROGRAM

"Select" is the perfect word - "something that is chosen in preference to others" the exact marketing position held for Sonoma County products. And "select" is what SCAMP, the non-profit Sonoma County Agricultural Marketing Program, is helping consumers to do - Select Sonoma County Products.

The U.S.A.'s first county-wide agricultural marketing program started in Sonoma County in 1989. A Blue-Ribbon Task Force was named by Sonoma County Board of Supervisors after encouragement by the Sonoma County Economic Development Board and the U.C. Cooperative Extension Service. The task force represented the diverse agricultural community plus leaders in the culinary arts, public education and marketing; it targeted the organization's specific purposes after a rewarding year of negotiation and consensus-building.

SCAMP was born to bring growers and processors closed to their intended markets through special promotions, marketing and consumer education and advertising materials such as the identifying logo -- the mark of Sonoma quality. SCAMP's ultimate purpose is to preserve Sonoma County's agricultural heritage.

The Select Sonoma County Products label identifies local produce, meats, fish, nursery products and processed foods from Sonoma County, California.

SCAMP has grown from 18 members to 115 growers and processors, plus more than 100 business supporters of local agricultural enhancement.

Program Accomplishments 1990 - 91

- . \$75,000 USDA grant for marketing education, agriculture diversification and development of ag-tourism program.
- . named lead agent for county advertising funds for 5 agricultural groups
- . developed multi-media advertising campaign and point-of-sale materials
- . garnered support of 25 independent grocery markets for Sonoma County Agricultural products promotions
- . developed 1st showcase of local food and non-alcoholic beverages for the Sonoma County Harvest Fair
- . developed bi-monthly marketing seminars
- . developed collaborative promotions with Sonoma County wineries .. Gauer Estate Vineyard rail car tour throughout the U.S. and Sonoma County Wineries Association sponsored events
- . developed a Taste of Sonoma County, a harvest showcase of Sonoma County, California held during August 1991 with local tourism groups, restaurants and hotels
- . membership growth from 18 to 215 members in two years.



For information about SCAMP or members/member products contact Betsy Timm, Executive Director, 1055 W. College Ave. #194 (mail only), Santa Rosa CA 95401 Phone 707/829-5528 (fax 823-6956)

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 Stacie Balletto and her parents.

Stacie is a 6th grade student from Bennett Valley School. Her award winning essay describes what farming in Sonoma County means to her.

WHAT FARMING IN SONOMA COUNTY MEAN TO ME
by Stacie Balletto

"Farming never meant that much to me until I realized what it does for our county. The farm industry produces fruits and vegetables that are shipped all over the country. They are also sold locally. One of the things I like about living in a farm community is that I can get fresh fruits and vegetables without the high cost. Farmers in Sonoma County also produce grains such as alfalfa, barley and oats. These grains are used by the farmers to feed their animals. They also sell grains to ranchers and other farmers to feed their livestock. Another important product produced in Sonoma County is milk. There are many things produced from milk. Some of these are cheese, ice cream and yogurt. Petaluma was once known as the "egg capital" of the world. The sale of eggs and chickens brought a lot of money to Sonoma County. Some of the less known products produced in our county are: Christmas trees, pheasants, ostriches, oysters and llamas. The combination of all the products sold last year brought in over 246 million dollars.

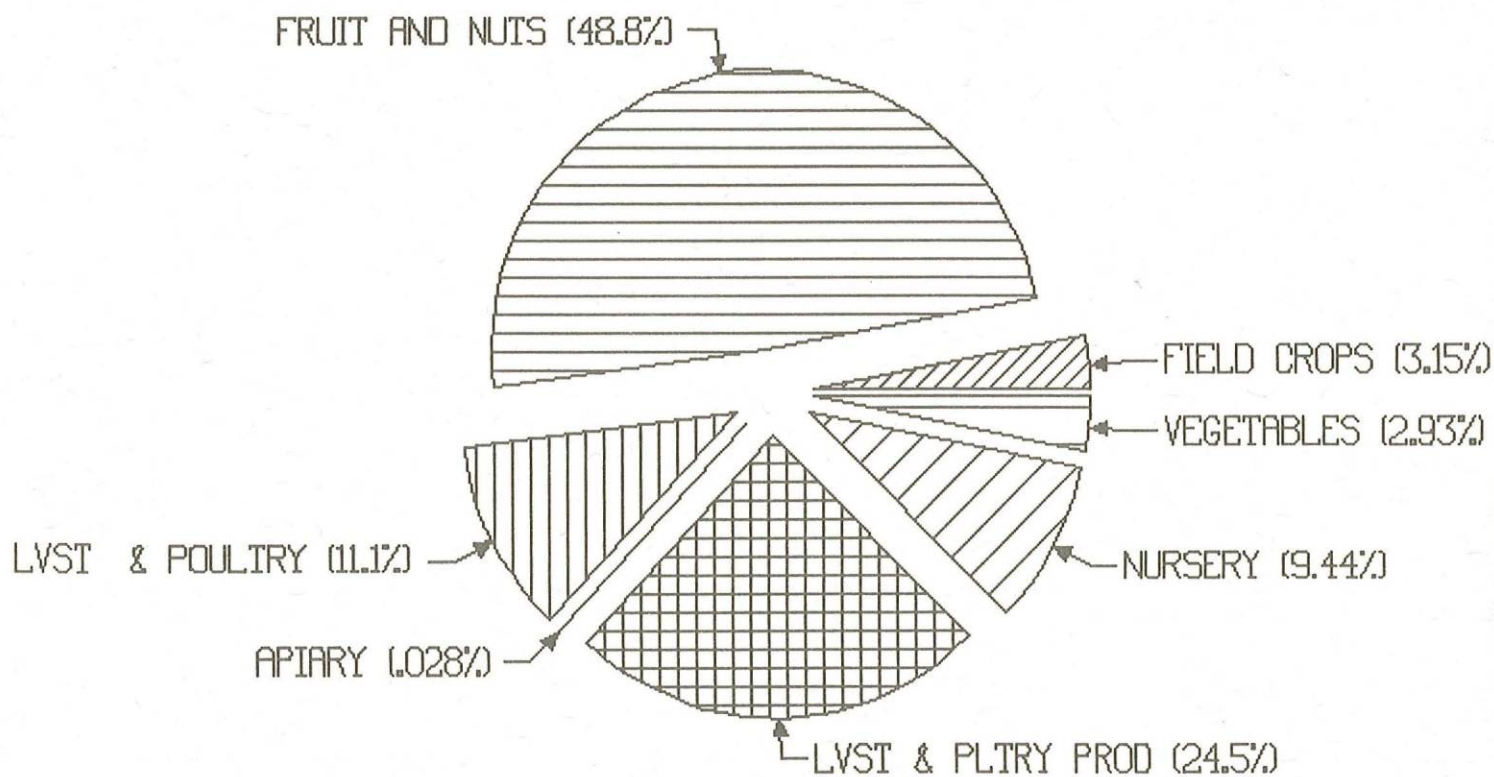
The reason Sonoma County was able to produce great foods was because of the open land and excellent climate for growing. When we drive by the farms in Sonoma County I always love to look at the beautiful scenery. Unfortunately, because of the increasing number of houses being built, there is less land for farming. Another problem created by the loss of farm land is an increase of air pollution,. This is because plants produce oxygen which helps to clear the air. The less plants we produce, the more the air becomes polluted.

A by-product of farming is the many jobs it creates. Some of these jobs include: butchers, grocers, truck drivers, food processors and clothing manufacturers. Farming is an important part of Sonoma County's industry.

The thing that makes Sonoma County farming important to me is that I have a relative that owns the largest truck ranch in the county. He started by growing vegetables with his father in their back yard in Sebastopol. They would sell their vegetables at the farmer's market. He now farms over one hundred acres, and ships his produce all over the state. Safeway is one of his largest buyers. If you're ever in the produce department of Safeway, look for the boxes with the labels **Mama Balletto Brand.**"

RECAPITULATION

	1990	1991
APIARY	\$ 165,200	\$ 92,300
FIELD CROPS	9,046,200	10,212,600
FRUIT AND NUT CROPS	121,801,900	158,452,900
LIVESTOCK AND POULTRY	40,800,900	36,045,200
LIVESTOCK AND POULTRY PRODUCTS	85,191,100	79,583,700
NURSERY PRODUCTS	24,151,000	30,634,300
VEGETABLE CROPS	9,541,600	9,492,700
TOTAL	\$ 290,697,900	\$324,513,700



FRUIT AND NUT CROP SUMMARY

CROP	YEAR	BEARING ACRES	TON/ ACRE	TOTAL TONS	P/TON	DOLLAR VALUE	
						SUB TOTAL	TOTAL
Apples, all	1991	5,008	10.70	53,564	\$160.30	\$	8,586,500
	1990	5,066	10.27	52,053	\$131.76	\$	6,858,300
Processed (a)	1991					\$6,418,900	
	1990					\$4,572,300	
Fresh	1991					2,167,600	
	1990					2,286,000	
Grapes (wine) all	1991	29,421	4.95	145,493	1,015.88		147,802,900
	1990	29,473	3.80	111,921	1,004.30		112,401,900
Pears, Bartlett	1991	170	5.31	903	210.82		190,400
	1990	193	4.31	832	234.25		194,900
Processed	1991			893	210.00	187,530	
	1990			782	231.00	180,642	
Fresh	1991			10	284.00	2,840	
	1990			50	285.00	14,250	
Prunes	1991	1,143	1.13	1,294	953.32		1,233,600
	1990	1,243	1.68	2,086	856.51		1,786,700
Walnuts	1991	375	.25	93	1,121.51		104,300
	1990	360	.16	57	1,020.63		58,200
Miscel.	1991						535,200
	1990						501,900
TOTAL	1991					\$158,452,900	
	1990					\$121,801,900	

(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 truck farms (d)	1991	1,003	\$ 9,492,700
	1990	837	9,541,600

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

NURSERY PRODUCTS

ITEM	YEAR	SOLD	UNIT	DOLLAR VALUE	
				P/UNIT	TOTAL
Grapevines	1991	3,313,273	plant/ cutting		\$ 7,496,500
	1990	3,050,084			8,154,400
Ornamentals	1991	3,890,782	plant	\$ 2.86 (a)	11,139,400
	1990	2,078,700	plant	2.71	5,642,200
Bedding Plant	1991	274,063	flat	9.87	2,704,100
	1990	327,968	flat	8.35	2,739,700
Christmas Trees	1991	30,737		22.32	686,100
	1990	25,425		23.20	589,900
Misc. Products (b)	1991				8,994,100
	1990				7,024,800
TOTAL	1991				\$30,634,300
	1990				24,151,000

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

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

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	DOLLAR VALUE	
		TOTAL		P/UNIT	TOTAL
Honey	1991	15,945	lb.	\$.99	\$ 15,800
	1990	100,910	lb.	.63	63,700
Wax	1991	116	lb.	2.50	300
	1990	2,475	lb.	.88	2,200
Package bees	1991	3,100	lb.	4.00	12,400
	1990	0	lb.	.00	0
Pollination	1991				63,800
	1990				99,300
Total	1991				\$ 92,300
	1990				165,200

LIVESTOCK AND POULTRY

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVEWEIGHT	UNIT	DOLLAR VALUE	
					PER UNIT	TOTAL
Cattle/	1991	37,551	213,035	cwt	\$ 67.70	\$14,422,900
Calves	1990	35,553	201,926	cwt	68.72	13,876,500
Sheep/	1991	20,014	22,047	cwt	45.49	1,002,900
Lambs	1990	21,868	23,479	cwt	50.96	1,196,600
Swine	1991	9,350	21,725	cwt	65.31	1,223,300
	1990	9,950	21,825	cwt	57.00	1,244,000
Turkeys	1991	169,185	3,907,420	lb.	.474	1,852,900
	1990	153,256	3,327,620	lb.	.50	1,647,800
Misc.	1991					17,543,200
Prod. (d)	1990					22,836,000
Total	1991					\$36,045,200
	1990					40,800,900

(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	1991 (a)	5,753,244	cwt	\$ 11.16	\$64,206,200
Market	*1990	5,775,576	cwt	11.96	69,075,900
Manufacturing	1991 (a)	30,231	cwt	10.46	316,200
	*1990	43,187	cwt	11.01	475,500
Wool	1991	264,063	lb.	.26 (b)	68,800
	1990	240,317	lb.	.79 (b)	95,120
Eggs, chicken	199	17,367,600	doz.	.61	10,556,200
Market	1990	16,968,929	doz.	.63	10,648,300
By-products	1991	911,297	doz.	.18	165,500
	1990	1,444,665	doz.	.14	201,900
Miscellaneous	1991				4,270,800
Products (c)	1990				4,189,200
TOTAL	1991				\$ 79,583,700
	1990				85,191,100

(a) Preliminary

(b) Does not include incentive payments.

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

* REVISED

FIELD CROPS

CROP	YEAR	HARVESTED ACRE	TON/P ACRE	TOTAL TONS	UNIT	DOLLAR VALUE	
						P/UNIT	TOTAL
Hay	1991	15,843	2.54	40,256	ton	\$67.00	\$2,697,100
Grain	1990	16,168	2.27	36,770	ton	\$64.00	\$2,353,300
Wild	1991	2,233	2.23	4,980	ton	54.34	270,600
	1990	1,465	1.31	1,916	ton	46.00	88,100
Green Chop	1991	515	18.26	9,402	ton	17.71	166,500
(a)	1990	1,818	7.60	13,813	ton	23.00	317,700
Oats,	1991	1,245	1.06	1,328	ton	228.00	302,300
grain	1990	1,517	.92	1,391	ton	255.00	354,700
Pasture,	1991	8,950			acre	100.00	895,000
irrigated	1990	8,950			acre	96.00	859,200
Grassland	1991	208,900			acre	10.00	2,080,900
	1990	209,000			acre	10.00	2,090,000
Woodland	1991	174,800			acre	1.00	174,800
	1990	175,000			acre	1.00	175,000
Ensilage	1991	319	19.43	6,197	ton	40.00	247,900
Corn(a)	1990	535	18.25	9,765	ton	44.83	437,800
Oats	1991	7,572	10.35	78,349	ton	39.00	3,055,600
Silage(a)	1990	4,652	10.55	49,106	ton	39.83	1,955,900
Straw	1991			1,105	ton	37.78	41,300
	1990			1,495	ton	34.79	52,000
Miscel.	1991	1,312					280,800
(b)	1990	1,323					362,500
TOTAL	1991						\$10,212,600
	1990						\$ 9,046,200

(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.

1991 MILLION DOLLAR CROPS

1.	WINE GRAPES -----	\$147,802,900
2.	MARKET MILK -----	64,206,200
3.	LIVESTOCK & POULTRY (MISC.) -----	17,543,200
4.	CATTLE & CALVES -----	14,422,900
5.	NURSERY - ORNAMENTAL -----	10,981,800
6.	EGGS, CHICKEN -----	10,440,000
7.	VEGETABLES -----	9,492,700
8.	NURSERY PRODUCTS (MISC.) -----	8,994,100
9.	APPLES -----	8,586,500
10.	GRAPEVINES -----	7,496,500
11.	LIVESTOCK & POULTRY PROD. (MISC.) -----	4,270,800
12.	OAT SILAGE -----	3,079,000
13.	NURSERY - BEDDING PLANTS -----	2,704,100
14.	OAT HAY -----	2,701,100
15.	GRASSLAND -----	2,080,900
16.	TURKEYS -----	1,852,900
17.	PRUNES -----	1,233,600
18.	SWINE -----	1,223,300
19.	SHEEP AND LAMBS -----	1,002,900

FRUIT, NUT AND GRAPEVINE ACREAGE

CROPS	ACRES		TOTAL
	BEARING	NON-BEARING	
Apples	5,008	39	5,047
Cherries	4	0	4
Fig	6	0	6
Grapes, wine	29,421	5,026	34,447
Kiwi	36	0	36
Peaches	20	0	20
Pears	180	7	187
Plums	9	0	9
Prunes			
French	(1,121)	(24)	(1,145)
Imperial	(22)	(0)	(22)
Total	1,143	24	1,167
Walnuts	375	1	376
TOTAL ACREAGE	36,202	5,097	41,299

**INVENTORIES OF LIVESTOCK AND POULTRY
(NUMBER OF HEAD)**

ITEM	1-1-91	1-1-92
Cattle and calves, all	116,000	110,000
Milk cows and heifers 2 years and over	36,000	36,000
Beef cows and heifers 2 years and over	15,000*	15,000
Sheep and Lambs, all	25,000	25,000
Hogs	5,500	5,500
Laying Hens and Pullets	914,900	927,377
Turkey Breeders	37,200	39,800
Equine (a)	17,500	17,718

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

* Revised 1991 total

APPLE PRODUCTION

CROP	YEAR	BEARING ACRES	TON/ ACRE	TOTAL TON	P/TON	DOLLAR VALUE	
						SUB-TOTAL	TOTAL
Gravenstein	1991	1,557	7.43	11,562	\$161.87		\$1,871,500
	1990	1,564	7.90	12,363	\$124.65		\$1,541,100
Fresh	1991			1,185	496.71	\$ 588,600	
	1990			1,825	337.59	\$ 616,100	
Canned	1991			1,745	125.96	219,800	
	1990			2,491	101.53	252,900	
Juice/ cider	1991			5,018	105.98	531,800	
	1990			8,047	83.52	672,100	
Dried (a)	1991			3,614	147.01	531,300	
	1990			0		0	
Late Apples	1991	3,451	12.17	42,002	159.87		6,715,000
	1990	3,502	11.33	39,690	133.97		5,317,200
Fresh	1991			3,140	502.87	1,579,000	
	1990			4,626	360.98	1,669,900	
Canned	1991			5,158	126.75	653,800	
	1990			9,584	122.63	1,175,300	
Juice/ cider	1991			18,679	116.02	2,167,100	
	1990			18,024	86.63	1,561,400	
Dried (a)	1991			15,025	154.08	2,315,100	
	1990			7,456	122.13	910,600	
TOTALS	1991	5,008	10.70	53,564	\$160.30		\$8,586,500
	1990	5,066	10.27	52,053	\$131.76		\$6,858,300

(a) green tons

TIMBER HARVEST

CROP	YEAR(c)	PRODUCTION	UNIT(d)	DOLLAR
				VALUE(e)
Timber	1990	52,200,000	board feet	\$12,104,726
	1989	50,486,000	board feet	9,232,789

(c) Harvest year 1990.

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

(e) Value of the timber immediately before cutting (info. only)

**WINE GRAPE PRODUCTION
(WHITE)**

VARIETY	YEAR	ACRES			TOTAL TONS	PRODUCTION	
		BEARING	NON BEARING	TOTAL		DOLLAR VALUE P/TON	TOTAL
Burger	1991	55	0	55	291	\$ 304.41	\$ 88,600
	1990	67	1	68	239	319.02	76,200
Chardonnay	1991	9,507	2,110	11,617	51,430	1,286.65	66,172,400
	1990	8,956	1,631	10,587	41,220	1,284.33	52,940,100
Chenin Blanc	1991	467	0	467	2,938	393.87	1,157,200
	1990	563	3	566	2,951	412.20	1,216,400
French Colombard	1991	657	25	682	4,775	292.49	1,396,700
	1990	893	23	916	4,673	312.56	1,460,600
Gewurz-traminer	1991	461	0	461	1,766	619.32	1,093,400
	1990	524	0	524	1,577	616.09	971,600
Grey Riesling	1991	21	0	21	99	275.00	27,100
	1990	43	0	43	152	317.24	48,200
Muscat Blanc	1991	58	0	58	214	859.14	184,000
	1990	70	3	73	207	845.59	175,000
Palomino	1991	42	0	42	51	281.88	14,200
	1990	46	0	46	14	270.50	3,800
Pinot Blanc	1991	203	2	205	930	917.69	853,600
	1990	208	0	208	1,031	919.86	948,400
Sauvignon Blanc	1991	1,612	68	1,680	9,871	742.32	7,327,700
	1990	1,712	19	1,731	6,723	755.23	5,077,400
Sauvignon Vert	1991	79	0	79	234	273.65	64,000
	1990	92	0	92	194	285.78	55,400
Semillon	1991	199	1	200	1,024	563.92	577,600
	1990	212	2	214	815	667.62	544,100
White Riesling	1991	344	11	355	1,671	451.80	754,900
	1990	602	11	613	1,513	542.86	821,300
Other Whites	1991	82	17	99	1,057	294.52	306,500
	1990	77	2	79	834	392.21	322,300
TOTAL WHITE	1991	13,787	2,234	16,021	76,351		\$80,017,900
	1990	14,065	1,695	15,760	62,143		\$64,660,800

**WINE GRAPE PRODUCTION
(RED)**

VARIETY	YEAR	ACRES		TOTAL	TONS	PRODUCTION	
		BEARING	NON BEARING			P/TON	DOLLAR VALUE TOTAL
Alicante	1991	54	0	54	93	\$ 427.99	\$ 39,900
Bouchet	1990	54	0	54	128	414.55	53,000
Cabernet Franc	1991	365	102	467	1,759	1,379.07	2,425,200
	1990	336	65	401	1,332	1,304.72	1,737,900
Cabernet Sauvignon	1991	5,682	1,037	6,719	25,263	1,234.41	31,184,800
	1990	5,609	714	6,323	15,133	1,274.98	19,294,300
Carignane	1991	367	0	367	1,044	397.35	414,900
	1990	413	0	413	1,218	469.12	571,400
Early Burgundy	1991	18	0	18	58	350.00	20,300
	1990	29	0	29	26	413.61	10,800
Gamay Beaujolais	1991	231	0	231	658	422.45	277,800
	1990	268	0	268	588	560.64	329,700
Merlot	1991	1,343	746	2,089	6,933	1,363.42	9,453,100
	1990	1,061	536	1,597	3,966	1,283.88	5,091,800
Napa Gamay	1991	230	0	230	1,080	522.48	596,600
	1990	226	1	227	879	539.44	474,200
Petite Sirah	1991	316	1	317	661	680.51	449,800
	1990	349	24	373	485	707.63	343,200
Pinot Noir	1991	2,737	430	3,167	12,823	779.53	9,995,500
	1990	2,728	336	3,064	10,225	809.81	8,280,300
Zinfandel	1991	4,088	197	4,285	17,364	671.30	11,656,400
	1990	4,147	200	4,347	15,314	727.20	11,136,300
Other Reds	1991	203	200	403	1,406	913.14	1,270,000
	1990	188	120	308	494	847.42	418,200
TOTAL REDS	1991	15,634	2,792	18,426	69,140		\$ 67,785,000
	1990	15,408	1,996	17,404	49,788		\$ 47,741,100
TOTAL ALL WINE GRAPES	1991	29,421	4,947	34,368	145,493		\$147,802,900
	1990	29,473	3,691	33,164	111,921		\$112,401,900

COMMERCIAL FISH CATCH 1989/1990

COMMODITY	** SUPPLEMENT TO CROP REPORT		VALUE
	YEAR	POUNDS	
Salmon, Chinook	1990	684,137	\$ 1,840,490
	1989	896,534	\$ 2,095,370
Urchin, Sea	1990	5,200,420	2,785,510
	1989	4,025,650	1,782,550
Rockfish, Unspecified	1990	1,651,260	601,361
	1989	1,780,000	603,045
Crab Dungeness	1990	419,524	838,314
	1989	342,921	548,668
Sole Dover	1990	1,859,520	467,942
	1989	1,801,700	488,816
Sablefish	1990	364,946	119,348
	1989	466,948	177,754
Thornyhead	1990	503,385	192,517
	1989	346,194	128,843
Rockfish, Widow	1990	486,068	127,746
	1989	478,199	125,149
Swordfish	1990	112,070	426,823
	1989	32,333	121,089
Rockfish, Group Bocaccia/chili	1990	155,233	68,936
	1989	210,061	80,202
Sole, Petrale	1990	62,963	51,012
	1989	93,725	73,907
Sole, English	1990	147,715	51,560
	1989	199,322	73,694
Lingcod	1990	208,895	73,412
	1989	175,934	66,392
Sole, Rex	1990	73,390	24,234
	1989	104,432	38,347
Salmon, Coho	1990	57,865	111,991
	1989	21,968	37,704
Other	1990	504,244	144,561
	1989	235,279	164,137
TOTAL	1990	12,491,635	\$ 7,925,757
	1989	11,211,225	\$ 6,605,667

** Source of figures is the California Department of Fish and Game. 1991 figures are unavailable until May of 1992.

SONOMA COUNTY ANNUAL SUSTAINABLE AGRICULTURE REPORTING

The following is 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
Ash Whitefly Encarsia Wasp	Releases in Cloverdale, Healdsburg, Petaluma, Rohnert Park, Santa Rosa and Sonoma

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 University of California Cooperative Extension.

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

1990 ORGANIC ACT - SONOMA COUNTY REGISTRATION

CROP	# OF FARMS	ESTIMATED ACRES
Vegetables	41	146
Grapes	8	252
Misc. Fruits & Berries	13	136
Nurseries	3	4.25
Apples	252	1,185

PEST PREVENTION

EXCLUSION	220,019 units of plant material profiled - UPS, Postal, Federal Express and Trucks.	476 shipments quarantined for violation of plant laws.
DETECTION	2706 traps were placed to detect exotic insects.	

10 YEAR AGRICULTURAL CROP YIELD IN 1000'S OF DOLLARS

