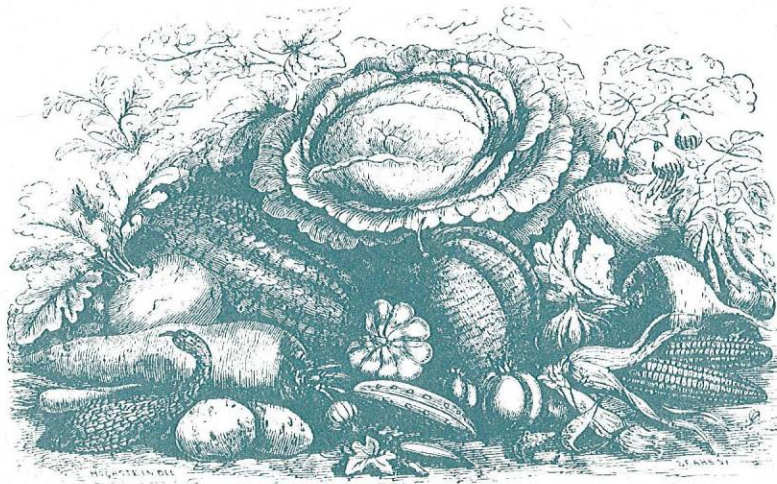


1992

Sonoma County

Agricultural Crop

R E P O R T



1918-1993
Seventy-Fifth Anniversary

Honoring 75 years of
Farm Bureau's Contribution
to Sonoma County Agriculture

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OFFICE OF THE AGRICULTURAL COMMISSIONER

April 1993

**Henry Voss, Director - California Department of Food and Agriculture
and
Sonoma County Board of Supervisors:**

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

It is always a distinct pleasure to submit the annual Agricultural Crop Report for Sonoma County. Each year this report allows us to focus our attention on the most important industry in Sonoma County - **agriculture**. The production values listed (rounded to the nearest hundred dollars), represent gross production and are not meant to reflect or infer net farm income. Further, this report in no way reflects the value that agriculture contributes to our local economy through processed products such as wine and dairy products, nor does it include reference to agricultural support industries such as transportation, labor, processors and other related industries.

As we have done in recent years, a specific segment of the agricultural industry has been highlighted and this year, the annual crop report is dedicated to Sonoma County Farm Bureau, recognizing its 75th anniversary and its contribution to agriculture. Additionally, the crop report includes valuable information such as our sustainable agricultural activities, timber harvest totals, commercial fish catch and the annual agricultural day essay contest winner for 1993.

The 1992 production value of agricultural commodities in the county (\$322 million) was down \$1.5 million from 1991, a record year. Decreases were in field crops, livestock and poultry products, apiary and nursery products. The most significant drop was noted in nursery products (\$4.7 million) due primarily to a decrease in production after the boom resulting from the freeze of 1991, and as a result of slower urban growth. Field crop values fell by approximately \$2.0 million as prices were down due to lower quality and disease problems. Market milk value was up by nearly \$3.5 million, while egg values declined due to reduced chicken egg production and price paid for eggs.

Increases in value were noted in fruit and nut crops, livestock and poultry and vegetable crops. Apple production was up by 2,400 tons and the price per ton rose \$25.00 over the 1991 price. Overall, the 1992 grape production value was the highest in the history of Sonoma County. The average price paid per ton decreased by approximately \$20.00, while production was up to 148,000 tons. This is especially significant in light of the continuing phylloxera infestation and other problems facing the wine grape industry. Vegetable production continued its rise in 1992 as demand for Sonoma County's specialty vegetable crops grew significantly. Livestock and poultry commodities have remained stable or have increased slightly in most categories.

Even with the slight drop in total production value from the 1991 report, production totaling over \$322 million indicates the continuing strength of Sonoma County agriculture. I would like to recognize all growers, individuals and agencies who provide the information that we depend on for the accuracy of this report. I would also like to thank members of my staff who assisted in gathering information. Special recognition goes to Bonnie Sallee who compiled the report and Karen Prestin who provided technical assistance in finalizing the report.

Respectfully submitted,



Eric Lauritzen
Agricultural Commissioner



SONOMA COUNTY FARM BUREAU

The year 1993 marks Farm Bureau's 75th year of serving the needs of Agriculture in Sonoma County. With over 2,200 family and business members, Farm Bureau is the largest membership organization in Sonoma County and the seventh largest Farm Bureau in the State.

Sonoma County Farm Bureau was not only involved in the very beginning of organized agriculture in our County, but has been at the forefront of many social, political and cultural changes.

Known as the "voice of agriculture", Farm Bureau unites and serves all aspects of the agricultural community. The strength of Farm Bureau membership and the recognition of Farm Bureau's name from City Hall to the Halls of Congress cannot be underestimated. Nor can the importance of each individual member to the effectiveness of the organization. As the foes of agriculture continue to multiply and become more vocal, so must each farmer's involvement in the political and educational arena.

Some of Farm Bureau's great accomplishments which enormously benefited farmers and ranchers include such issues as:

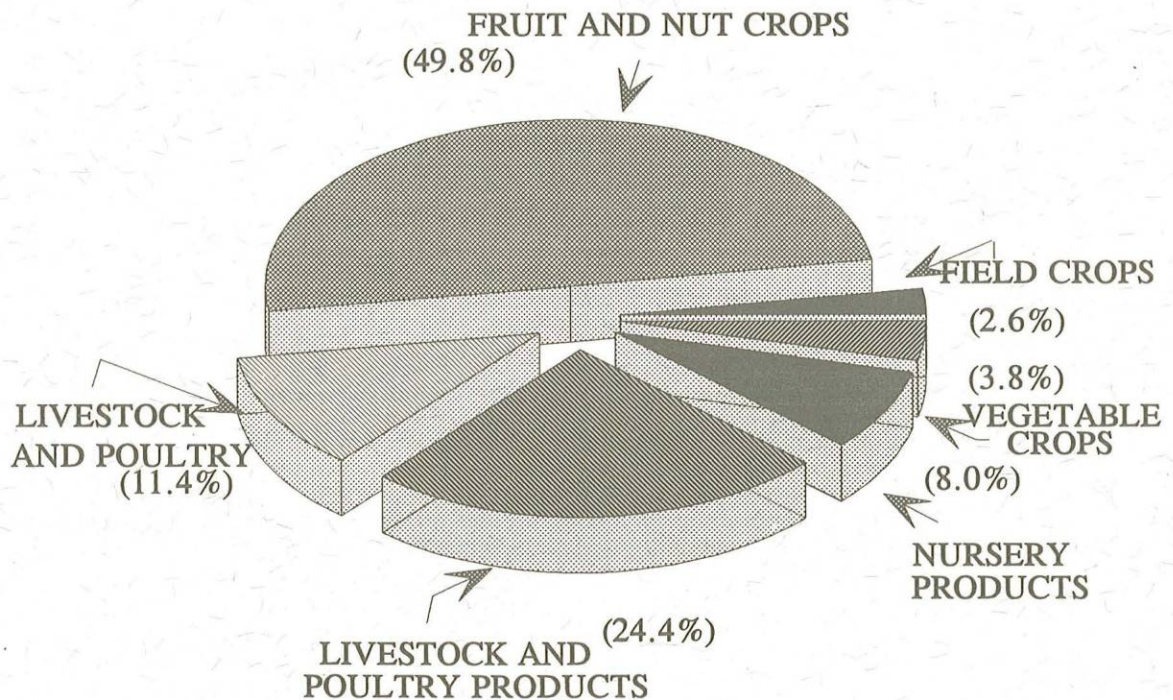
- ★ *Private property rights*
- ★ *Taxes and utility rates*
- ★ *User fees*
- ★ *Farm labor*
- ★ *Agricultural education for school children, the media and our legislators*
- ★ *Informational seminars for farmers and ranchers*

We are very proud of our role in the formation of a strong and economically vital agricultural industry. With continued perseverance and membership strength, the 75 year old Farm Bureau spirit remains positive that agriculture will grow and flourish in our beautiful part of the earth called Sonoma County.

For more information about Farm Bureau, contact Judy Van Winkle, Executive Director, 970 Piner Road, Santa Rosa, CA 95403, (707) 544-5575.

RECAPITULATION

	1991	1992
APIARY	\$ 92,300	\$ 80,500
FIELD CROPS	\$ 10,212,800	\$ 8,285,500
FRUIT AND NUT CROPS	\$ 158,452,900	\$ 160,883,100
LIVESTOCK AND POULTRY	\$ 36,045,200	\$ 36,733,800
LIVESTOCK AND POULTRY PRODUCTS	\$ 79,583,700	\$ 78,953,200
NURSERY PRODUCTS	\$ 30,634,300	\$ 25,863,800
VEGETABLE CROPS	\$ 9,492,700	\$ 12,316,800
TOTAL	\$ 324,513,900	\$ 323,116,700



FRUIT AND NUT CROP SUMMARY

CROP	YEAR	BEARING ACRES	TON/ ACRE	TOTAL TONS	DOLLAR VALUE		
					\$/TON	SUB-TOTAL	TOTAL
Apples, all	1992	5,014	11.2	55,979	\$ 185.14		\$ 10,364,100
	1991	5,008	10.7	53,564	\$ 160.30		\$ 8,586,500
Processed (a)	1992					\$ 8,199,500	
	1991					\$ 6,418,900	
Fresh	1992					\$ 2,164,600	
	1991					\$ 2,167,600	
Grapes (wine)	1992	31,263	4.76	148,010	\$ 1,004.11		\$ 148,618,600
	1991	29,421	4.95	145,492	\$ 1,016.01		\$ 147,820,900
Pears Bartlett	1992	165	5.92	1007	\$ 207.76		\$ 209,200
	1991	170	5.31	903	\$ 210.82		\$ 190,400
Processed	1992			977	\$ 198.17	\$ 193,600	
	1991			893	\$ 210.00	\$ 187,500	
Fresh (b)	1992			30	\$ 520.00	\$ 15,600	
	1991			10	\$ 284.00	\$ 2,840	
Prunes	1992	1,146	0.91 (c)	1,039	\$ 1,000.00		\$ 1,039,400
	1991	1,143	1.13 (c)	1,294	\$ 953.32		\$ 1,233,600
Walnuts	1992	359	0.31	113	\$ 1,020.00		\$ 115,600
	1991	375	.25	93	\$ 1,121.51		\$ 104,300
Misc. (d)	1992						\$ 536,200
	1991						\$ 535,200
TOTAL	1992						\$ 160,883,100
	1991						\$ 158,452,900

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

(b) Totals are from farm market and roadside sales.

(c) Dry tons.

(d) Includes cherries, bush-berries, kiwi, black walnuts, plums, asian pears, peaches, strawberries, figs, etc.

VEGETABLE CROPS

CROP	YEAR	HARVESTED ACREAGE	DOLLAR VALUE
Miscellaneous	1992	976	\$ 12,316,800
truck farms (d)	1991	1,003	\$ 9,492,700

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

NURSERY PRODUCTS

ITEM	YEAR	SOLD	UNIT	DOLLAR VALUE	
				\$/UNIT	TOTAL
Grapevines	1992	2,062,877	plant/		\$ 4,238,700
	1991	3,313,273	cutting		\$ 7,496,500
Ornamentals	1992	1,302,397	plant (a)	\$ 4.36	\$ 5,672,200
	1991	3,890,782	plant (a)	\$ 2.86	\$ 11,139,400
Bedding Plants	1992	290,500	flat	\$ 9.36	\$ 2,719,800
	1991	274,063	flat	\$ 9.87	\$ 2,704,100
Cut Flowers	1992				\$ 3,599,400
	1991	(included in miscellaneous)			
Christmas Trees	1992	26,909	each	\$ 23.70	\$ 637,800
	1991	30,737	each	\$ 22.32	\$ 686,100
Misc. Products (b)	1992				\$ 8,995,900
	1991				\$ 8,994,100
TOTAL	1992				\$ 25,863,800
	1991				\$ 30,634,300

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

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

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	DOLLAR VALUE	
				\$/UNIT	TOTAL
Honey	1992	58,065	lb.	\$.66	\$ 38,500
	1991	15,945	lb.	\$.99	\$ 15,800
Wax	1992	1,044	lb.	\$ 1.44	\$ 1,500
	1991	116	lb.	\$ 2.50	\$ 300
Packaged Bees	1992	2,543	lb.	\$ 4.01	\$ 10,200
	1991	3,100	lb.	\$ 4.00	\$ 12,400
Pollination	1992				\$ 30,300
	1991				\$ 63,800
TOTAL	1992				\$ 80,500
	1991				\$ 92,300

LIVESTOCK AND POULTRY

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVEWEIGHT	UNIT	DOLLAR VALUE	
					\$/UNIT	TOTAL
Cattle/Calves	1992	40,442	222,239	cwt	\$ 69.20	\$ 15,378,500
	1991	37,551	213,035	cwt	\$ 67.70	\$ 14,422,900
Sheep/Lambs	1992	21,890	23,641	cwt	\$ 53.55	\$ 1,265,900
	1991	20,014	22,047	cwt	\$ 45.49	\$ 1,002,900
Hogs	1992	10,450	24,200	cwt	\$ 45.31	\$ 1,096,600
	1991	9,350	21,725	cwt	\$ 65.31	\$ 1,223,300
Turkeys	1992	152,492	3,627,276	lb.	\$.53	\$ 1,919,900
	1991	169,185	3,907,420	lb.	\$.47	\$ 1,852,900
Misc. Products (a)	1992					\$ 17,072,900
	1991					\$ 17,543,200
TOTAL	1992					\$ 36,733,800
	1991					\$ 36,045,200

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

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	DOLLAR VALUE	
				\$/UNIT	TOTAL
Milk (Market)	1992	(b) 5,831,341	cwt	\$ 11.61	\$ 67,701,900
	1991	5,753,244	cwt	\$ 11.16	\$ 64,206,200
Milk (Manufacturing)	1992	22,448	cwt	\$ 10.94	\$ 245,600
	1991	30,231	cwt	\$ 10.46	\$ 316,200
Wool	1992	240,003	lb.	\$.34 (c)	\$ 81,600
	1991	264,063	lb.	\$.26 (c)	\$ 68,800
Chicken Eggs (Market)	1992	14,983,458	doz.	\$.51	\$ 7,684,800
	1991	17,367,600	doz.	\$.61	\$ 10,556,200
Chicken Eggs (By-Products)	1992	875,221	doz.	\$.12	\$ 109,000
	1991	911,297	doz.	\$.18	\$ 165,500
Misc. Products (d)	1992				\$ 3,130,300
	1991				\$ 4,270,800
TOTAL	1992				\$ 78,953,200
	1991				\$ 79,583,700

(b) Preliminary.

(c) Does not include incentive payments.

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

FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	TON/ ACRE	TOTAL TONS	UNIT	DOLLAR VALUE	
						\$/UNIT	TOTAL
Hay, Oat	1992	16,039	2.61	41,817	ton	\$ 39.79	\$ 1,663,900
	1991	15,843	2.54	40,256	ton	\$ 67.00	\$ 2,697,100
Hay, Volunteer	1992	2,036	1.86	3,788	ton	\$ 28.59	\$ 108,300
	1991	2,233	2.23	4,980	ton	\$ 54.34	\$ 270,600
Green Chop (a)	1992	523	16.65	8,710	ton	\$ 15.47	\$ 134,700
	1991	515	18.26	9,402	ton	\$ 17.71	\$ 166,500
Oats, Grain	1992	1,695	0.74	1,257	ton	\$ 211.16	\$ 265,400
	1991	1,245	1.06	1,328	ton	\$ 228.00	\$ 302,300
Ensilage, Corn (a)	1992	354	19.41	6,870	ton	\$ 35.00	\$ 240,500
	1991	319	19.43	6,197	ton	\$ 40.00	\$ 247,900
Oats, Silage (a)	1992	6,690	11.32	75,700	ton	\$ 30.00	\$ 2,271,100
	1991	7,572	10.35	78,349	ton	\$ 39.00	\$ 3,055,600
Straw	1992			2,200	ton	\$ 30.77	\$ 67,700
	1991			1,105	ton	\$ 37.78	\$ 41,300
Pasture, Irrigated	1992	9,000			acre	\$ 100.00	\$ 900,000
	1991	8,950			acre	\$ 100.00	\$ 895,000
Grassland	1992	208,900			acre	\$ 10.00	\$ 2,089,000
	1991	208,900			acre	\$ 10.00	\$ 2,080,900
Woodland	1992	174,700			acre	\$ 1.00	\$ 174,700
	1991	174,800			acre	\$ 1.00	\$ 174,800
Miscellaneous (b)	1992	1,460					\$ 370,200
	1991	1,312					\$ 280,800
TOTAL	1992						\$ 8,285,500
	1991						\$ 10,212,800

(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, sudan, etc.

1992

MILLION DOLLAR CROPS

1.	WINE GRAPES	\$148,618,600
2.	MARKET MILK	67,701,900
3.	LIVESTOCK AND POULTRY (MISC.)	16,997,400
4.	CATTLE AND CALVES	15,378,500
5.	VEGETABLES	12,316,800
6.	APPLES (FRESH AND PROCESSED)	10,364,100
7.	NURSERY PRODUCTS (MISC.)	8,995,900
8.	CHICKEN EGGS	7,684,800
9.	NURSERY - ORNAMENTALS	5,672,200
10.	GRAPEVINES	4,238,700
11.	CUT FLOWERS	3,599,400
12.	LIVESTOCK AND POULTRY PRODUCTS (MISC.)	3,130,300
13.	BEDDING PLANTS	2,719,800
14.	OAT SILAGE	2,271,100
15.	GRASSLAND	2,089,000
16.	TURKEYS	1,919,900
17.	OAT HAY	1,663,900
18.	SHEEP AND LAMBS	1,265,900
19.	HOGS	1,096,600
20.	PRUNES	1,039,400

APPLE PRODUCTION

CROP	YEAR	BEARING TON/ TOTAL			DOLLAR VALUE		
		ACRES	ACRE	TON	\$/TON	SUB-TOTAL	TOTAL
Gravenstein	1992	1,554	9.30	14,446	\$ 189.83		\$ 2,742,300
	1991	1,557	7.43	11,562	\$ 161.87		\$ 1,871,500
Fresh	1992			1,220	\$ 427.49	\$ 532,700	
	1991			1,185	\$ 496.71	\$ 588,600	
Canned	1992			3,416	\$ 169.92	\$ 580,400	
	1991			1,745	\$ 125.96	\$ 216,800	
Juice/cider/ vinegar	1992			4,761	\$ 149.20	\$ 710,300	
	1991			5,018	\$ 105.98	\$ 531,800	
Dried	1992 (a)			5,049	\$ 182.00	\$ 918,900	
	1991			3,614	\$ 147.01	\$ 531,300	
Late Apples	1992	3,460	12.00	41,533	\$ 183.51		\$ 7,621,800
	1991	3,451	12.17	42,002	\$ 159.87		\$ 6,715,000
Fresh	1992			3,247	\$ 500.25	\$ 1,631,900	
	1991			3,140	\$ 502.87	\$ 1,579,000	
Canned	1992			5,069	\$ 162.10	\$ 821,700	
	1991			5,158	\$ 126.75	\$ 653,800	
Juice/cider/ vinegar	1992			13,894	\$ 145.10	\$ 2,016,000	
	1991			18,679	\$ 116.02	\$ 2,167,100	
Dried	1992 (a)			19,323	\$ 163.13	\$ 3,152,200	
	1991			15,025	\$ 154.08	\$ 2,315,100	
TOTAL	1992	5,014	11.17	55,979	\$ 185.14		\$ 10,364,100
	1991	5,008	10.70	53,564	\$ 160.30		\$ 8,586,500

(a) Green tons.

TIMBER HARVEST

(information only)

CROP	YEAR	PRODUCTION	UNIT (c)	DOLLAR VALUE (d)
Timber	1992 (b)	32,600,000	board feet	\$ 8,094,000
	1991	52,200,000	board feet	\$ 12,104,700

(b) Harvest year 1991.

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

(d) Value of the timber immediately before cutting.

WINE GRAPE PRODUCTION - WHITE

VARIETY	YEAR	ACRES			PRODUCTION		
		BEARING	NON-		TONS	DOLLAR VALUE	
			BEARING	TOTAL		\$/TON	TOTAL
Burger	1992	49		49	208	\$ 373.13	\$ 77,600
	1991	55		55	291	\$ 304.41	\$ 88,600
Chardonnay	1992	10,526	1,276	11,802	54,493	\$ 1,228.35	\$ 66,936,500
	1991	9,507	2,110	11,617	51,430	\$ 1,286.65	\$ 66,172,400
Chenin Blanc	1992	380		380	2,167	\$ 414.46	\$ 898,100
	1991	467		467	2,938	\$ 393.87	\$ 1,157,200
French Colombard	1992	637	19	656	4,557	\$ 339.36	\$ 1,546,500
	1991	657	25	682	4,775	\$ 292.49	\$ 1,396,700
Gewurztraminer	1992	443		443	1,645	\$ 599.20	\$ 985,700
	1991	461		461	1,766	\$ 619.32	\$ 1,093,400
Grey Riesling	1992	21		21	64	\$ 370.92	\$ 23,700
	1991	21		21	99	\$ 275.00	\$ 27,100
Muscat Blanc	1992	58		58	154	\$ 895.40	\$ 137,900
	1991	58		58	214	\$ 859.14	\$ 184,000
Palomino	1992	40		40	18	\$ 392.86	\$ 7,100
	1991	42		42	51	\$ 281.88	\$ 14,200
Pinot Blanc	1992	205		205	766	\$ 904.42	\$ 692,800
	1991	203	2	205	930	\$ 917.69	\$ 853,600
Sauvignon Blanc	1992	1,619	53	1,672	8,584	\$ 747.25	\$ 6,414,400
	1991	1,612	68	1,680	9,871	\$ 742.32	\$ 7,327,700
Sauvignon Vert	1992	71		71	141	\$ 352.47	\$ 49,700
	1991	79		79	234	\$ 273.65	\$ 64,000
Semillion	1992	199		199	901	\$ 622.91	\$ 561,200
	1991	199	1	200	1,024	\$ 563.92	\$ 577,600
White Riesling	1992	329		329	1,276	\$ 502.82	\$ 641,600
	1991	344	11	355	1,671	\$ 451.80	\$ 754,900
Other Whites	1992	75	4	79	670	\$ 402.61	\$ 269,700
	1991	82	17	99	1,057	\$ 294.52	\$ 311,300
TOTAL	1992	14,652	1,352	16,004	75,642	\$ 1,047.60	\$ 79,242,500
	1991	13,787	2,234	16,021	76,351	\$ 1,048.10	\$ 80,022,700

WINE GRAPE PRODUCTION - RED

VARIETY	YEAR	ACRES			PRODUCTION		
		BEARING	NON-BEARING	TOTAL	TONS	DOLLAR VALUE \$/TON	TOTAL
Alicante Bouchet	1992	52	0	52	128	\$ 414.91	\$ 53,100
	1991	54	0	54	93	\$ 427.99	\$ 39,900
Cabernet Franc	1992	419	54	473	1,843	\$ 1,292.73	\$ 2,382,500
	1991	365	102	467	1,759	\$ 1,379.07	\$ 2,425,200
Cabernet Sauvignon	1992	5,948	737	6,685	25,374	\$ 1,158.44	\$ 29,394,300
	1991	5,682	1,037	6,719	25,263	\$ 1,234.41	\$ 31,184,800
Carignane	1992	339	0	339	1,094	\$ 423.00	\$ 462,800
	1991	367	0	367	1,044	\$ 397.35	\$ 414,900
Early Burgundy	1992	18	0	18	39	\$ 381.68	\$ 14,900
	1991	18	0	18	58	\$ 350.00	\$ 20,300
Gamay Beaujolais	1992	230	0	230	663	\$ 458.34	\$ 303,900
	1991	231	0	231	658	\$ 422.45	\$ 277,800
Merlot	1992	1,658	531	2,189	8,628	\$ 1,361.78	\$ 11,749,400
	1991	1,343	746	2,089	6,933	\$ 1,363.42	\$ 9,453,100
Napa Gamay	1992	230	0	230	1,015	\$ 604.12	\$ 613,200
	1991	230	0	230	1,080	\$ 552.48	\$ 596,600
Petite Sirah	1992	308	3	311	566	\$ 718.95	\$ 406,900
	1991	316	1	317	661	\$ 680.51	\$ 449,800
Pinot Noir	1992	3,001	244	3,245	13,360	\$ 763.63	\$ 10,202,100
	1991	2,737	430	3,167	12,823	\$ 779.53	\$ 9,995,500
Zinfandel	1992	4,058	184	4,242	17,900	\$ 677.78	\$ 12,132,300
	1991	4,088	197	4,285	17,364	\$ 671.30	\$ 11,656,400
Other Reds	1992	350	130	480	1,759	\$ 944.11	\$ 1,660,700
	1991	203	200	403	1,406	\$ 913.14	\$ 1,283,900
TOTAL	1992	16,611	1,883	18,494	72,368	\$ 958.66	\$ 69,376,100
	1991	15,634	2,713	18,347	69,141	\$ 980.58	\$ 67,798,200
TOTAL ALL WINE GRAPES	1992	31,263	3,235	34,498	148,010	\$ 1,004.11	\$ 148,618,600
	1991	29,421	4,947	34,368	145,492	\$ 1,016.01	\$ 147,820,900

FRUIT, NUT AND GRAPEVINE ACREAGE

CROP	ACRES		TOTAL
	BEARING	NON-BEARING	
Apples	5,014	2	5,016
Cherries	4	0	4
Figs	6	0	6
Wine Grapes	31,263	3,235	34,498
Kiwi	36	0	36
Peaches	2	0	2
Pears	181	1	182
Plums	9	0	9
Prunes	1,146	16	1,162
Walnuts	359	1	360
TOTAL ACREAGE	38,020	3,255	41,275

INVENTORIES OF LIVESTOCK AND POULTRY

(NUMBER OF HEAD)

ITEM	YEAR	NUMBER
Cattle and Calves, all	1-1-93	112,000
	1-1-92	110,000
Milk cows and heifers 2 years and over	1-1-93	(35,000)
	1-1-92	(36,000)
Beef cows and heifers 2 years and over	1-1-93	(15,000)
	1-1-92	(15,000)
Sheep and Lambs, all	1-1-93	20,800
	1-1-92	23,500 *
Hogs	1-1-93	5,500
	1-1-92	5,500
Laying Hens and Pullets	1-1-93	809,917
	1-1-92	927,377
Turkey Breeders	1-1-93	32,478
	1-1-92	39,800

* Revised 1992 total.

COMMERCIAL FISH CATCH

SPECIES	YEAR	POUNDS	VALUE
Urchin, Sea	1991	5,430,570	\$ 3,813,400
	1990	5,200,420	\$ 2,785,500
Salmon, Chinook	1991	795,332	\$ 1,972,000
	1990	684,137	\$ 1,840,400
Sole, Dover	1991	2,699,080	\$ 830,000
	1990	1,859,520	\$ 467,900
Crab, Dungeness	1991	397,133	\$ 721,600
	1990	419,524	\$ 838,300
Rockfish, unspecified	1991	1,070,900	\$ 375,000
	1990	1,651,260	\$ 601,400
Salmon, Coho	1991	138,975	\$ 201,200
	1990	57,865	\$ 112,000
Sablefish	1991	527,754	\$ 197,000
	1990	364,946	\$ 119,300
Thornyhead	1991	421,611	\$ 196,200
	1990	503,385	\$ 192,500
Swordfish	1991	43,240	\$ 166,700
	1990	112,070	\$ 426,800
Pacific Herring	1991	172,403	\$ 86,200
	1990	60,712	\$ 30,600
Sole, Rex	1991	199,394	\$ 71,600
	1990	73,370	\$ 24,200
Rockfish, Widow	1991	243,987	\$ 67,100
	1990	486,068	\$ 127,700
Sole, Petrale	1991	75,840	\$ 60,000
	1990	62,963	\$ 51,000
Rockfish, group red	1991	154,327	\$ 57,700
	1990	130,823	\$ 52,700
Lingcod	1991	149,773	\$ 52,200
	1990	208,895	\$ 73,400
Rockfish, group bolina	1991	53,043	\$ 46,400
	1990	41,806	\$ 24,800
Sole, English	1991	125,003	\$ 45,900
	1990	62,963	\$ 51,600
Squid, market	1991	436,441	\$ 45,100
	1990	89,344	\$ 74,000
Other	1991	337,301	\$ 174,900
	1990	552,429	\$ 151,000
TOTAL	1991	13,577,200	9,180,200
	1990	12,622,500	8,045,100

This report is for information only. The figures are provided by the California Department of Fish and Game. 1992 figures are not available until May of 1993.

Sonoma County 1992 Sustainable Agriculture Report

By Priscilla Lane

BIOLOGICAL CONTROL PROGRAM

Ash Whitefly

Sonoma County's Ash Whitefly, Siphoninus phillyreae, Biological Control Program for 1992 consisted of confirming establishment at our ten 1991 urban release sites of the parasitic wasp, Encarsia partenopea. Two locations had no Ash Whitefly, the remaining eight had a 60% to 80% rate of obvious parasitism. Three supplemental urban releases in late August, 1992, of Encarsia partenopea were made possible by the California Association of Nurserymen, Redwood Empire Chapter and two from collections at our County nursery site. All release locations were selected and monitored by the Agricultural Commissioner's staff.

Maintenance gardeners, nursery establishments and park departments were contacted and sent literature on the Commissioner's Office participation in this state-wide program.

Yellow Starthistle

Yellow starthistle, Centaurea solstitialis, has been the major weed pest targeted for biological control by the United States Department of Agriculture since 1984. Currently in Sonoma County, we have two research locations totaling 3400 acres of nature preserve rangeland under study by the USDA. The biological control, Bangasternus orientalis, a flowerhead bud weevil is established at these locations.

In 1992, the County Agricultural Commissioner's Office collected and released, at two locations onto private rangeland, Bangasternus orientalis and a gall fly, Urophora sirunaseva. We learned release techniques and how to check for establishment from both the USDA and the California Department of Food and Agriculture Biological Control Program personnel. There are a total of five insects expected to be introduced for control of Yellow starthistle into California. In the future, Sonoma County's Agricultural Commissioner's Office will receive all five for release.

ORGANIC FARMING STATISTICS

<u>Commodity</u>	<u>Producers</u>	<u>Acres</u>
Apples	253	2279
Eggs	3	
Fruit and Nuts	26	117
<i>(Includes: Almond, Apricot, Berries, Cherry, Fejoa, Figs, Kiwi, Melon, Pear, Prune, Table Grapes, Walnut)</i>		
Nursery and Cut Flowers	4	24
Vegetables	63	258
<i>(Includes: Beans, Corn, Eggplant, Garlic, Herbs, Kale, Leeks, Mushrooms, Onions, Peppers, Potatoes, Salad Mix, Sprouts, Tomatoes, Tomatillos)</i>		
Winegrapes	10	332

PEST EXCLUSION

A total of 2,153 premise inspections for incoming shipments of plant material were made by the Sonoma County Agricultural Commissioner's Office. Inspections occurred at the Express Carriers, Nurseries, Post Office, Rail Road and United Parcel Service. 233 rejections of plant material were made. Material was either destroyed or reconditioned and released. Listed below are a few of the economically important pest species intercepted in 1992:

Pest (Rating)

Big Headed Ant (Q)
Pheidole megacephala

Chrysanthemum White Rust (A)
Puccinia horiana

Eastern Tent Caterpillar (Q)
Malacosoma americanum

False Powder Post Beetle (Q)
Sinoxylon anale

Green Garden Looper (Q)
Chrysodeixis eriosoma

Green Shield Scale (A)
Pulvinaria psidii

Pest (Rating)

Magnolia White Scale (A)
Pseudaulacaspis cockerelli

Palm Whitefly (Q)
Aleurotrachelus sp.

Purple Loosestrife (B)
Lythrum salicaria

Quack Grass (B)
Elytrigia repens

Red Wax Scale (A)
Ceroplastes rubens

Soft Scale (Q)
Coccus capparidis

PEST DETECTION

12,525 Trap Servicings for Exotic Pests

(Includes Mediterranean and Oriental Fruit Fly, Melon Fly, Apple Maggot, Gypsy Moth, Japanese Beetle, Khapra Beetle and Western Grapeleaf Skeletonizer)

SURVEYS

Chrysanthemum White Rust	15	Locations
High Hazard	171	Properties
Pet Stores	24	Stores
Entryway-Rangeland	944	Miles

WEED SURVEY

<u>Pest</u>	<u>Acres Surveyed</u>
Artichoke Thistle	250
Crupina	750
Distaff Thistle	100
Iberian Starthistle	750
Perennial Peppergrass	100
Purple Starthistle	100

AGRICULTURAL DAY GRAND PRIZE ESSAY

The following 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 Shelina Moreda and her parents.

Shelina is a 6th grade student from Two Rock Elementary School. Her award winning essay describes how Sonoma County agriculture grows better every day.

Sonoma County Agriculture Growing Better Every Day *By Shelina Moreda*

"Sonoma County has many great qualities about it. One of these qualities is our agriculture. Sonoma County has lots of cows and dairies. Our dairies keep our milk clean and our cows moving and producing an abundance of milk for cheese, yogurt, ice cream, and much, much more. Agriculture provides not only food for humans, but food for animals as well.

Sonoma County is a terrific place for agriculture; with agriculture there comes wide open fields, beautiful rolling hills, and lots of cows, sheep, and goats. Agriculture provides wondrous natural scenes and surprises, like Indian artifacts after plowing the ground to plant crops.

Sonoma County also has excellent produce. When people come to the stores and say, "Oh, look, it's that good ol' Sonoma County milk and corn, I'll take some of that!" They buy them and eat them for dinner. We clean our produce. We try to make a good impression on our customers with it. When they try our food we want them to know by the taste that hours of hard labor has gone into every bite of their food.

I love Sonoma County. I think we get better by knowledge and care. This is a wonderful place to live, so take care of it!"

AGRICULTURAL COMMISSIONER

Eric Lauritzen

ASSISTANT AGRICULTURAL COMMISSIONER

John Westoby

DEPUTY AGRICULTURAL COMMISSIONER II

Jim Sallee

DEPUTY AGRICULTURAL COMMISSIONERS

Hitoshi Kobayashi

Mike Smith

AGRICULTURAL INSPECTOR/BIOLOGISTS III

Lisa Correia

Alexis Czarnecki

Pierre Gadd, Jr.

Bob Key

Marilyn Vernon

AGRICULTURAL INSPECTOR/BIOLOGISTS II

Gary Bjork

Bruce McArthur

AGRICULTURAL FIELD ASSISTANTS

Priscilla Lane

Bonnie Sallee

COUNTY TRAPPER

Jim O'Brien

PEST DETECTION TRAPPERS

Don Milligan

Mike Milligan

Joanne Stewart

ADMINISTRATIVE SUPPORT STAFF

Esther Martinez

Kris McIntyre

Karen Prestin