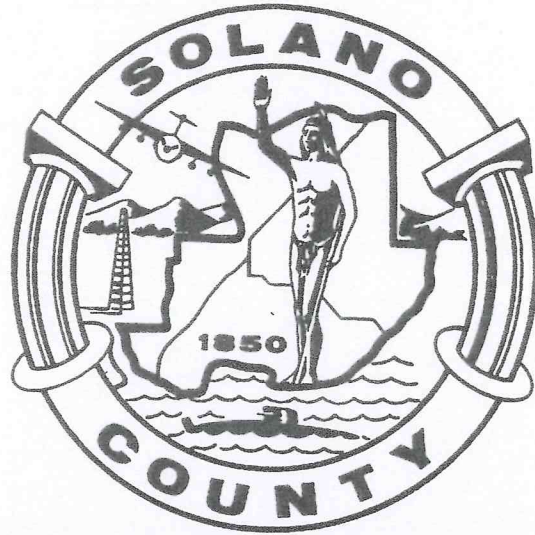


AGRICULTURAL CROP REPORT 1992



Solano County Department of Agriculture

1992

ANNUAL CROP REPORT

COUNTY OF SOLANO

SOLANO COUNTY DEPARTMENT OF AGRICULTURE
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DEPARTMENT OF AGRICULTURE

2000 WEST TEXAS STREET
FAIRFIELD, CALIFORNIA 94533

April 1993

HENRY J. VOSS, Director
California Department of Food and Agriculture

THE HONORABLE BOARD OF SUPERVISORS OF SOLANO COUNTY
San Caddle, Chairman, District 3
Barbara Kondylis, District 1
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Skip Thomson, District 5

Michael Johnson, County Administrative Officer

I am pleased to present the 1992 Solano County Crop Report in accordance with section 2279 of the California Food and Agricultural Code. This report addresses acreage, production, and gross values for agricultural commodities produced within the county. Net farm income or costs of production and marketing are not reflected in this report.

The value of agricultural commodities for 1992 totalled \$166,300,000 reflecting an approximate 8.5% decrease compared to 1991.

Vegetable values decreased largely due to fewer acres and weaker prices for processing tomatoes. Field crop values were slightly lower, though significant increases occurred in safflower and wheat acres. Fruit crops were slightly lower, though almonds and cherries showed strong increases in gross value. Seed crop acreages and values decreased overall. Livestock and poultry increased in gross value.

This report reflects the efforts of all Solano County growers and ranchers who produce raw agricultural products and significantly contribute to the county's economy. A special thank you goes to Lenny DaMassa, Supervising Agricultural Biologist, for compiling this report.

Pursuant to the California Food and Agricultural Code, section 2272, a sustainable agriculture report is included with this annual crop report.

Respectfully submitted,

A handwritten signature in cursive script that reads 'Susan E. Cohen'. The signature is written in black ink and is positioned above the printed name and title.

Susan E. Cohen
Agricultural Commissioner

Assessing the Economic Impact of Agriculture in Solano County

by
Lawrence Clement,
County Director -- UC Cooperative Extension
Yolo and Solano Counties

Attempting to precisely value the economic impact of agricultural production is not an easy task. Being a faceted and dynamic industry, developing a precise model is not always possible. We can, however, demonstrate trends and capture individual segments of the agricultural economy and derive conclusions that lead us to a reasonable economic assessment.

Let us first look at the national agriculture economy. Beyond any doubt, the United States is the world's foremost leader in the production of food and fiber. We are also the leader in technological advances in all aspects of agricultural production. Agriculture represents 16% of our Gross National Product (GNP) and 14% (\$37.6 billion in 1991) of our balance of trade with other nations. On the average, the American farmer produces enough food and fiber to support 80 people, 25 of them in other countries. This is accomplished by only 2% of our population.

Within California, the statistics are just as impressive. Our state, having the advantage of a diverse climate, a variety of highly productive soil types, and a reasonable supply of water during the growing season, allows us to lead the nation and the world in the production of food and fiber. In California we produce over 250 different commodities on 83,000 farms (8.5 million irrigated acres) and lead the nation in the production of most of them. Grapes, nursery products, cut flowers, processing tomatoes, lettuce, almonds, strawberries, eggs, lemons, broccoli, and carrots can all claim to be the exclusive products of California production. In 1990, California's on farm cash receipts of produced products totaled \$18,858,873,000. This represents 11.1 % of the national agricultural output and over 9% of California's economy. Exports account for a major share of the state's agricultural economy. California supports our national export market by providing about 10% of all exports that is nearly 25% of our total farm income. California is the exclusive supplier of almonds, dates, figs, raisins, kiwi, olives, cling peaches, prunes, pistachios, walnuts, and garlic for export. We also provide over 80% of all fruits and vegetable for export. When supporting industries are added into the formula, California impacts the state's economy by \$63,145,380,000 in value added impacts.

Where does Solano County fit into the picture? Considering our farmable land, availability of water, quality of soils, and mild climates, we fit quite nicely into the grand scheme. Solano County ranks 28th among food and fiber producing counties in the state. We produce over 65 different commodities with fill market niches in the national and statewide economies. In California, Solano County is a leader in the production of corn, sheep & lambs, wheat, barley, processing tomatoes, sugar beets, and pears. We also have significant production of almonds, walnuts, prunes, sunflowers, safflower, dry beans, popcorn and alfalfa hay. Since 1970 our gross production value has been on a steady climb. Like most industries, there are annual fluctuations; however, in the long term our economy is strong and healthy. Agricultural production is subject the whims of mother nature (drought, floods, pests, and diseases), local, national and international markets, and governmental policy decisions. Still our gross production value approaches \$200,000,000. In 1985 the UC Cooperative Extension office conducted an economic impact study of agriculture on the economy of Solano County. Our study indicates that the economic impact or value added of our industry adds \$1,438,233,000 in 1993 dollars to our economy. Food manufacturing accounts for 47% (\$703,700,000) of the impact value and overall agriculture supports about 11% of the employment base in Solano County.

Sources: Carter, H. O., and Goldman, G., The Measure of California Agriculture: Its Impact on the State Economy, University of California -- Division of Agriculture and Natural Resources, Leaflet 21517, November 1992.
Solano County Ag Commissioner Reports, 1989, 1990, 1991, 1992.

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SOLANO COUNTY FRUIT AND NUT ACREAGE

1992

<u>Orchard Crop</u>	<u>Bearing Acreage</u>	<u>Non-Bearing Acreage</u>	<u>Total Acreage</u>
Almonds	1,636	0	1,636
Apples	117	0	117
Apricots	916	0	916
Cherries	78	12	90
Figs	12	0	12
Grapes (Wine)	1,786	148	1,934
Kiwi	87	0	87
Olives	12	0	12
Oranges	26	0	26
Peaches (Freestone)	303	31	334
Pears	1,706	1.5	1,707.5
Pecans	2	0	2
Persimmons	2	4	6
Pineapple Guava (Feijoa)	3	0	3
Pistachio Nuts	24	0	24
Plums	19	2	21
Prunes	2,211	248	2,459
Tangerines	5	0	5
Walnuts (English)	3,745	507	4,252
Walnuts (Black)	25	0	25
Totals	<u>12,715</u>	<u>953.5</u>	<u>13,668.5</u>

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Average Production			Average Value		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Barley (Irrigated)	1992	15,000	2.00	30,000	Ton	\$105.00	\$3,150,000
	1991	13,000	2.26	29,380	Ton	102.00	2,996,800
Barley (Dryland)	1992	3,785	1.18	4,466	Ton	105.00	468,900
	1991	2,272	1.74	3,953	Ton	102.00	403,200
Beans, Edible Dry, All Market Classes*	1992	5,000	.95	4,750	Ton	511.00	2,427,300
	1991	4,604	1.08	4,972	Ton	520.00	2,585,400
Corn, Field	1992	13,556	5.06	68,593	Ton	95.00	6,516,300
	1991	25,000	4.65	116,250	Ton	107.00	12,438,800
Corn, Pop	1992	1,667	3.33	5,551	Ton	207.00	1,149,100
	1991	1,610	3.34	5,377	Ton	204.00	1,096,900
Corn, Taco	1992	508	4.21	2,139	Ton	123.00	263,100
	1991	453	3.58	1,621	Ton	129.00	209,100
Hay (Alfalfa)	1992	20,735	6.47	134,155	Ton	85.00	11,403,200
	1991	19,276	6.84	131,847	Ton	115.00	14,503,200
Hay (Grain)	1992	1,708	2.89	4,936	Ton	60.00	296,200
	1991	2,199	2.48	5,453	Ton	72.00	392,600
Hay (Grass)	1992	3,500	1.00	3,500	Ton	45.00	157,000
	1991	3,500	1.63	5,705	Ton	48.00	273,800
Nursery Stock**	1992	665	---	---	---	---	14,169,000
	1991	644	---	---	---	---	13,731,900
Oats (Grain)	1992	3,916	2.17	8,498	Ton	75.00	637,400
	1991	5,089	1.91	9,719	Ton	103.00	1,001,100
Pasture (Irrigated)	1992	20,500	---	---	Acre	84.00	1,722,000
	1991	20,500	---	---	Acre	75.00	1,537,500
Pasture (Rangeland)	1992	143,700	---	---	Acre	15.00	2,155,500
	1991	143,800	---	---	Acre	15.00	2,157,000
Safflower, Oil	1992	7,651	1.15	8,799	Ton	300.00	2,639,700
	1991	1,899	.80	1,519	Ton	250.00	379,800

(continued)

* Value and Yield Vary By Variety

** Nursery Stock includes cuttings, buds, scions, Christmas trees, nursery stock, turf, root-stock, greenhouse, timber, firewood, etc.

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE
(continued)

Crop	Year	Average Production			Average Value		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Sorghum (Milo)	1992	220	1.75	385	Ton	100.00	38,500
	1991	---	---	---	---	---	---
Sugar Beets	1992	13,536	29.39	397,823	Ton	38.00	15,117,300
	1991	13,266	22.91	303,924	Ton	38.06	11,567,300
Wheat (Irrigated)	1992	43,500	2.54	110,490	Ton	111.00	12,264,400
	1991	34,500	2.61	90,045	Ton	119.00	10,715,400
Wheat (Dryland)	1992	7,123	1.44	10,257	Ton	111.00	1,138,500
	1991	3,894	2.14	8,333	Ton	119.00	991,600
Miscellaneous	1992	1,061	(Grass, Silage, Straw, Stubble,				1,080,900
	1991	---	Sunflower, Crop By-Products, Etc.)				900,000
<hr/>							
TOTAL	1992	307,331					\$ 76,794,800
FIELD CROPS	1991	295,506					\$ 77,881,400
<hr/>							

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Average Production			Average Value		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Tomatoes (Processing)	1992	18,603	32.54	605,342	Ton	\$45.57	\$27,585,400
	1991	23,804	32.60	776,010	Ton	54.00	41,904,500
Miscellaneous	1992	1,956	(Asparagus, Bell Peppers, Celery,				3,313,500
	1991	1,900	Endive, Garlic, Mushrooms,				3,135,900
			Onions, Pumpkins, Spices, Sweet Corn, Tomatoes, and Other Miscellaneous Vegetables)				
<hr/>							
TOTAL	1992	20,559					30,898,900
VEGETABLE CROPS	1991	25,704					45,040,400
<hr/>							

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

<u>Crop</u>	<u>Year</u>	<u>Average Production</u>			<u>Average Value</u>		
		<u>Bearing Acreage</u>	<u>Per Acre</u>	<u>Total</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
Almonds							
Almond (Meats)	1992	---	---	496.2	Ton	\$2,000.00	\$ 992,400
	1991	---	---	294.5	Ton	1,933.00	569,300
Almond Hulls	1992	---	---	620.2	Ton	30.00	18,600
	1991	---	---	368.1	Ton	35.00	12,900
Total Almonds	1992	1,636	.303	496.2	Ton	---	1,011,000
	1991	1,621	.181	249.5	Ton	---	582,200
Apricots							
Dried (6.6:1)*	1992	---	---	280.0	Ton	4,100.00	1,162,000
	1991	---	---	290.9	Ton	4,000.00	1,163,600
Fresh Market	1992	---	---	222.5	Ton	771.00	171,500
	1991	---	---	411.3	Ton	1,061.00	436,400
Total Apricots	1992	916	2.260	2,070.5	Ton	---	1,333,500
	1991	921	2.460	2,273.0	Ton	---	1,600,000
Cherries							
Fresh Market	1992	78	1.937	150.5	Ton	2,000.00	301,000
	1991	78	.347	27.1	Ton	2,775.00	75,200
Grapes, Wine **							
Dark Varieties	1992	---	---	3,442.6	Ton	585.00	2,013,900
	1991	---	---	4,364.3	Ton	470.00	2,051,200
White Varieties	1992	---	---	5,189.9	Ton	663.00	3,440,900
	1991	---	---	7,382.9	Ton	652.00	4,813,700
Total Grapes	1992	1,786	4.833	8,613.5	Ton	---	5,454,800
	1991	1,801	6.522	11,747.2	Ton	---	6,864,900
Kiwi ***	1992	87	9.000	783.0	Ton	1,200.00	939,600
	1991	92	7.000	644.0	Ton	1,200.00	772,800

(continued)

- * Drying Ratio
- ** Price Varies by Variety
- *** Yields Vary by Grower and Age of Vines

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

(continued)

Crop	Year	Average Production			Average Value		
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total
Peaches (Freestone)							
Dried	1992	---	---	175.6	Ton	\$2,930.00	\$ 517,000
(7.1:1)*	1991	---	---	224.9	Ton	2,800.00	629,700
Total Peaches	1992	303	4.114	1,246.7	Ton	---	517,000
	1991	303	5.566	1,686.7	Ton	---	629,700
Pears							
Canned #1	1992	---	---	16,336.0	Ton	227.00	3,708,300
	1991	---	---	18,748.0	Ton	229.00	4,293,300
Dried	1992	---	---	288.0	Ton	2,700.00	777,600
(5.7:1)*	1991	---	---	78.0	Ton	2 600.00	202,800
Fermentation & Juice Concentrate	1992	---	---	994.0	Ton	120.00	119,300
	1991	---	---	485.0	Ton	77.00	37,300
Fresh Market	1992	---	---	1,768.0	Ton	300.00	530,400
	1991	---	---	937.0	Ton	300.00	281,100
Total Pears	1992	1,706	12.157	20,740.0	Ton	---	5,135,600
	1991	1,726	11.975	20,669.2	Ton	---	4,814,500
Prunes **	1992	2,211	1.407	3,112.0	Ton	958.00	2,981,300
	1991	2,171	1.860	4,038.0	Ton	827.00	3,339,400
Walnuts	1992	3,745	.867	3,250.0	Ton	1,300.00	4,225,000
	1991	3,730	1.057	3,944.0	Ton	1,260.00	4,969,400
Miscellaneous	1992	263	(Apples, Asian Pears, Black Walnuts, Feijoa, Figs, Jojoba, Olives, Oranges, Pecans, Plums, Persimmons, Pistachios, Tangerines, Other Miscellaneous Fruit & Nuts)				1,870,900
	1991	252					1,873,900

TOTAL FRUIT & NUT CROPS	1992	12,731					\$23,769,700
	1991	12,695					\$25,522,000

* Drying Ratio

** Dry Yield

SEED CROPS: ACREAGE, PRODUCTION AND VALUE

<u>Crop</u>	<u>Year</u>	Average Production			Average Value		
		<u>Harvested Acreage</u>	<u>Per Acre</u>	<u>Total</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
Beans, Dry, All Market Classes *	1992	1,706	.78	1,331	Ton	\$ 675.00	\$ 898,400
	1991	1,833	.84	1,540	Ton	693.00	1,067,200
Beans, Dry, All Market Classes,* Certified	1992	731	.60	439	Ton	656.00	288,000
	1991	826	1.00	826	Ton	720.00	594,700
Cantaloupe Non-Certified	1992	63	365	22,995	Lb.	2.00	46,000
	1991	120	379	45,480	Lb.	2.22	101,000
Cucumber Non-Certified	1992	502	435	218,370	Lb.	3.52	768,700
	1991	524	235	123,140	Lb.	3.68	453,200
Squash Non-Certified	1992	192	251	48,192	Lb.	3.30	159,000
	1991	200	400	80,000	Lb.	2.20	176,000
Sunflower Certified	1992	3,648	.62	2,262	Ton	1,074.00	2,429,400
	1991	5,648	.64	3,615	Ton	1,120.00	4,048,800
Watermelon Non-Certified	1992	372	300	111,600	Lb.	2.10	234,400
	1991	293	500	146,500	Lb.	2.28	334,000
Watermelon Certified	1992	36	199	7,164	Lb.	2.22	15,900
	1991	---	---	---	---	---	---
Wheat Certified	1992	1,485	2.50	3,713	Ton	120.00	445,600
	1991	1,315	3.25	4,274	Ton	115.00	491,500
Miscellaneous	1992	852	(Alfalfa, Basil, Clover, Carrot, Grass, Onion, Pepper, Safflower Oil, Sunflower Oil, Tomato, and Other Misc. Seed)				601,700
	1991	1,326					759,200
TOTAL		1992	9,587				\$5,887,100
SEED CROP		1991	12,085				\$8,025,600

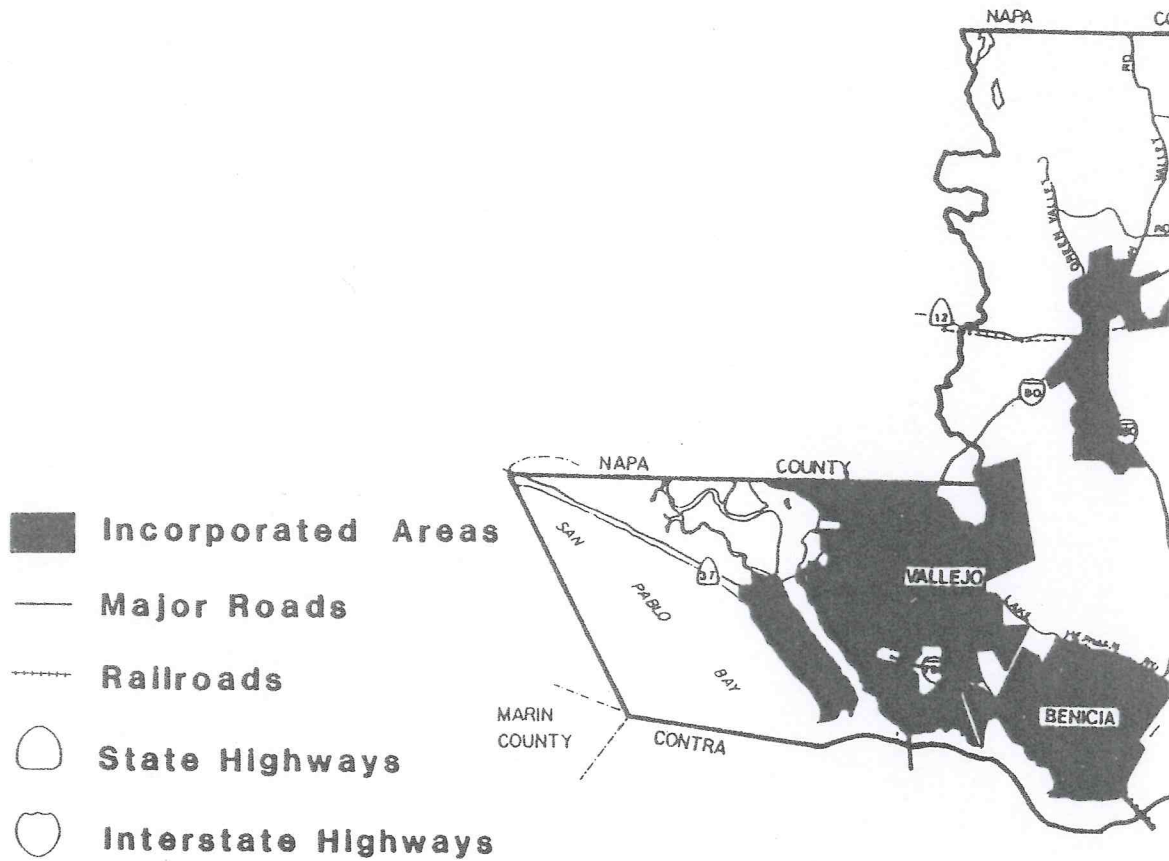
* Value and Yield Vary By Variety

Map of Solano County

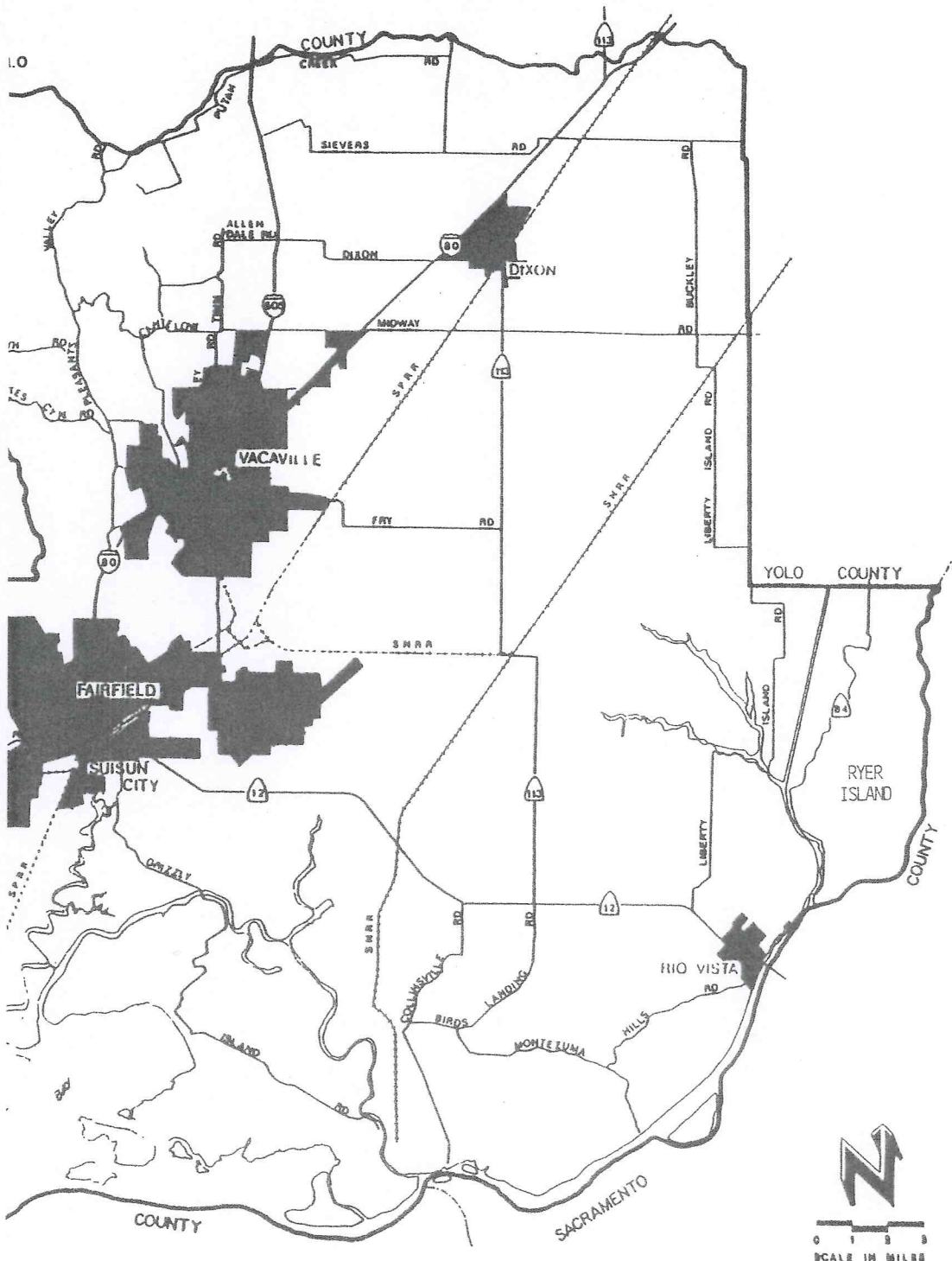
Area of County (Square Miles - Land) 828.2 Square Miles
 Area of County (Acres - Land) 530,048 Acres

Major Farming Districts

Dixon, Winters, Rio-Vista - Ryer Island, Suisun Valley, East Vacaville



Prepared by Solano County Depai



LIVESTOCK, POULTRY, AND APIARY PRODUCTS AND VALUE

<u>Item</u>	<u>Year</u>	<u>Average Production</u>		<u>Average Value</u>	
		<u>Production</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
Bees - Honey	1992	32,028	Lb.	\$.72	\$23,000
	1991	21,482	Lb.	1.00	21,500
- Packages *	1992	4,600	Pkg.	17.50	80,500
	1991	1,078	Pkg.	17.00	18,300
- Pollination **	1992	10,857	Colony	19.22	208,700
	1991	10,573	Colony	19.32	204,300
- Queens	1992	15,500	Each	6.25	96,900
	1991	14,599	Each	6.14	89,600
- Wax	1992	300	Lb.	1.50	500
	1991	525	Lb.	1.71	900
Milk - Market	1992	301,614	Cwt.	11.61	3,501,700
	1991	297,135	Cwt.	11.17	3,319,000
- Manufacturing	1992	---	---	---	---
	1991	83	Cwt.	9.70	800
Wool	1992	486,121	Lb.	.73	354,900
	1991	493,511	Lb.	.51	251,700
Miscellaneous	1992	---	---	---	6,900
	1991	(Fertile Chicken Eggs, Chicken Eggs, Breeder Queens)			4,600
TOTAL LIVESTOCK		1992 \$4,273,100		
POULTRY, AND APIARY PRODUCTS & VALUE		1991 \$3,906,100		

* Packages Include 2 Lbs. Bees Plus a Queen
 ** Pollination Fee Varies By Crop, Crops Pollinated Include Alfalfa, Almond, Kiwi, Onion, Prune, Sunflower, Vine Seed

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	Average Production		Average Value		
		Head	Liveweight	Unit	Per Unit	Total
Cattle & Calves	1992	38,000	190,000	Cwt.	\$69.83	\$13,267,700
	1991	33,000	165,000	Cwt.	72.46	11,955,900
Hogs & Pigs	1992	200	400	Cwt.	47.10	18,800
	1991	200	400	Cwt.	57.90	23,200
Stock Sheep	1992	64,000	76,800	Cwt.	22.50	1,728,000
	1991	75,000	90,000	Cwt.	17.90	1,611,000
Feeder Lambs	1992	156,014	148,213	Cwt.	62.90	9,322,600
	1991	167,225	142,141	Cwt.	53.80	7,647,200
Miscellaneous	1992	(Chickens, Dove, Ducks, Geese, Pheasants,				339,300
	1991	Pigeons, Rabbits, Quail, Turkeys, Fish, Eggs, Etc.)				162,200
TOTAL LIVESTOCK		1992				\$ 24,676,400
& POULTRY		1991				\$ 21,399,500

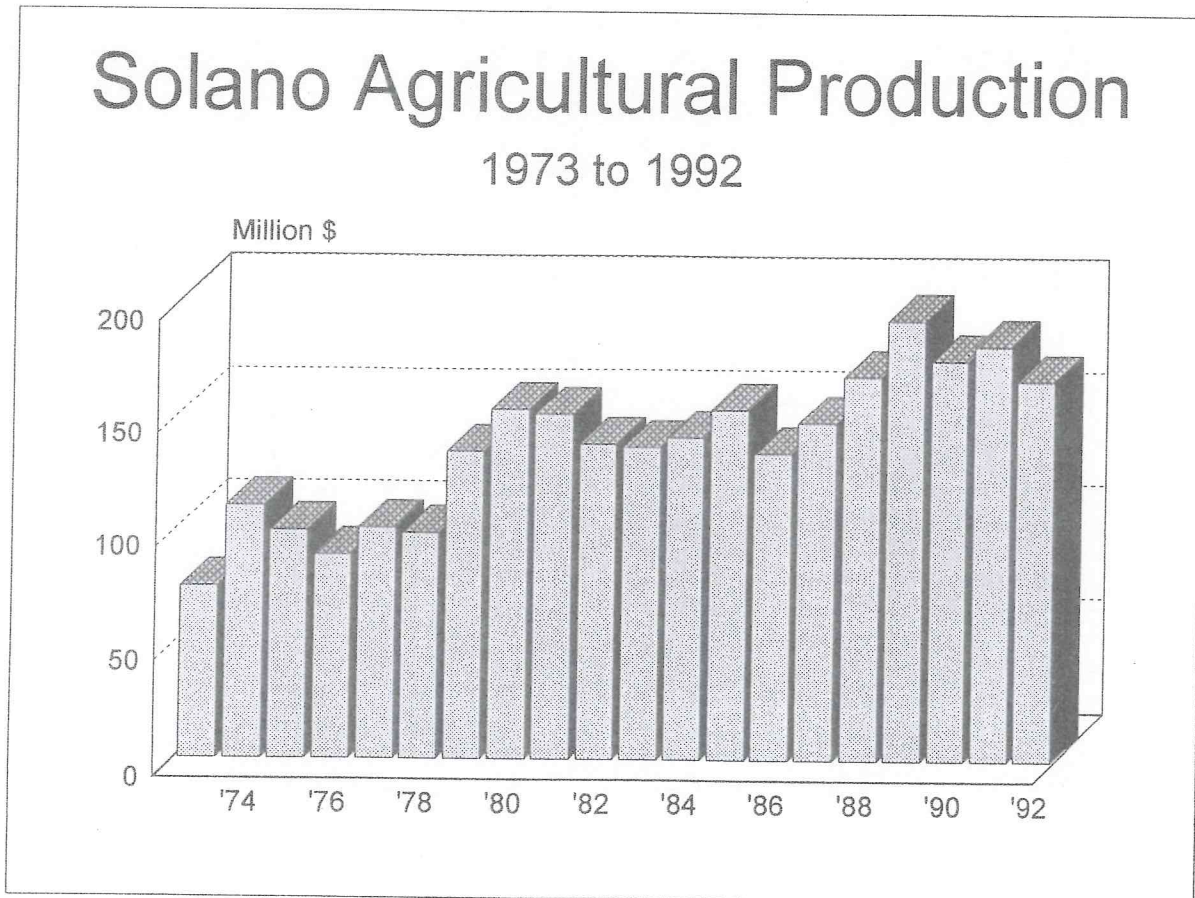
JANUARY 1, 1993 INVENTORY ESTIMATE OF LIVESTOCK AND POULTRY

Item	No. of Head
Cattle and Calves	
All	50,000
Milk Cows	1,600
Hogs and Pigs	200
Horses and Mules	4,200
Stock Sheep	64,000

 GRAND TOTAL OF ALL 1992 \$166,300,000
 AGRICULTURAL PRODUCTS 1991 \$181,775,000

V A L U E
 S U M M A R Y

<u>Year</u>	<u>Field Crops</u>	<u>Fruit & Nut Crops</u>	<u>Seed Crop</u>	<u>Vegetable Crops</u>	<u>Animal Production</u>	<u>Totals</u>
1983	78,209,800	11,727,900	3,000,000	25,070,700	18,452,200	136,460,600
1984	77,553,100	13,307,400	3,617,700	26,640,200	19,511,500	140,629,900
1985	79,092,200	13,483,100	5,629,100	32,608,600	22,365,300	153,178,300
1986	61,739,200	12,821,900	3,900,600	31,577,400	23,914,300	133,953,400
1987	69,850,100	17,045,700	4,825,200	29,850,100	26,044,600	147,615,700
1988	80,521,500	17,216,400	4,873,600	34,828,700	30,800,800	168,241,000
1989	95,353,400	20,133,500	8,291,800	38,217,200	31,007,000	193,002,900
1990	82,568,700	19,657,300	9,235,200	35,650,900	28,154,900	175,267,000
1991	77,881,400	25,522,000	8,025,600	45,040,400	25,305,600	181,775,000
1992	76,794,800	23,769,700	5,887,100	30,898,900	28,949,500	166,300,000

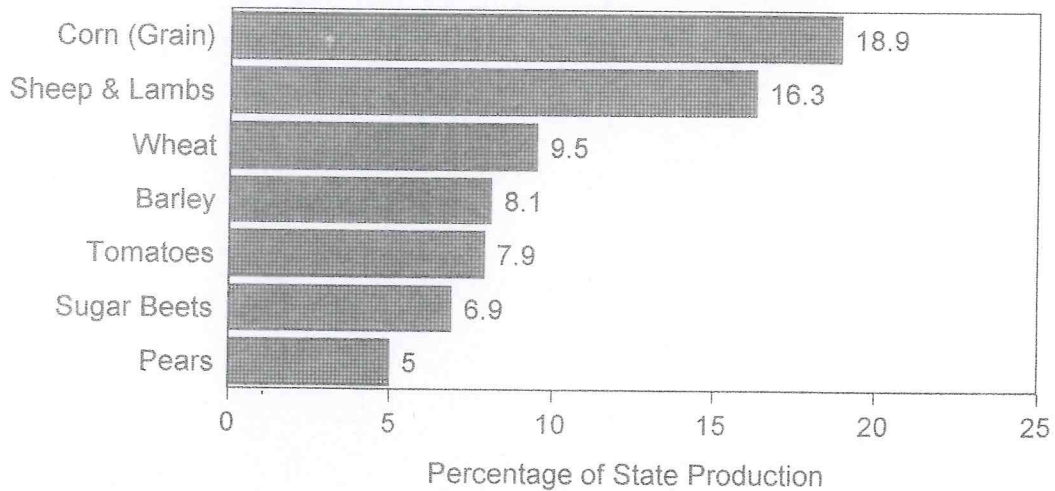


DISTRIBUTION OF FARM ACREAGE

	1992	1991
Field Crops	143,131	131,206
Fruit & Nut Crops	13,684 *	13,456 *
Pasture Lands	164,200	164,300
Seed Crops	9,587	12,085
Vegetable Crops	20,559	25,704
Fallowed Land	7,495	9,448
Waterbank	---	18,551
	-----	-----
Totals	358,656	374,750

* Includes Non-bearing Acreage

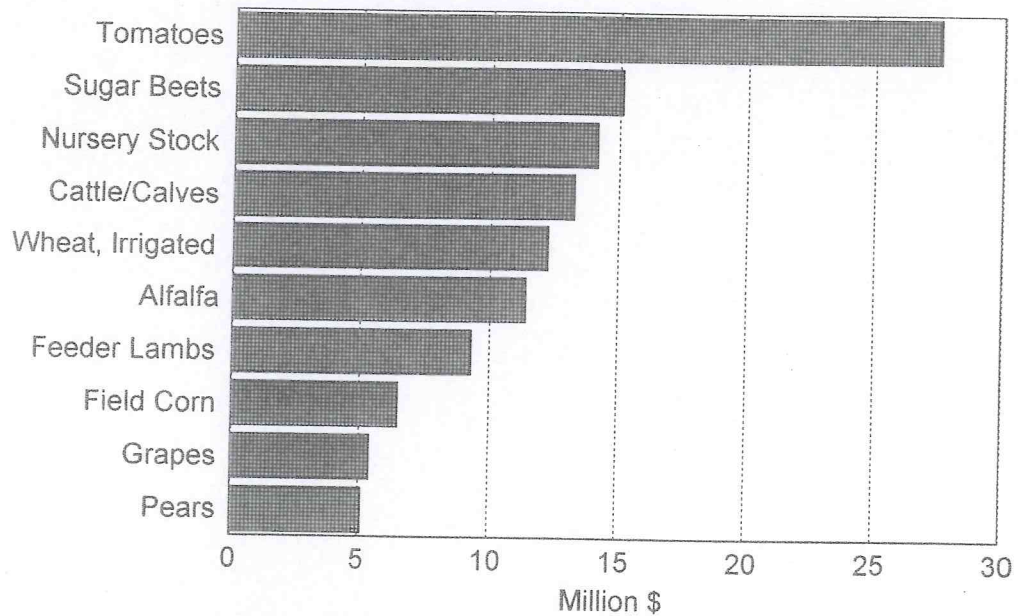
Solano County's Share of California Production



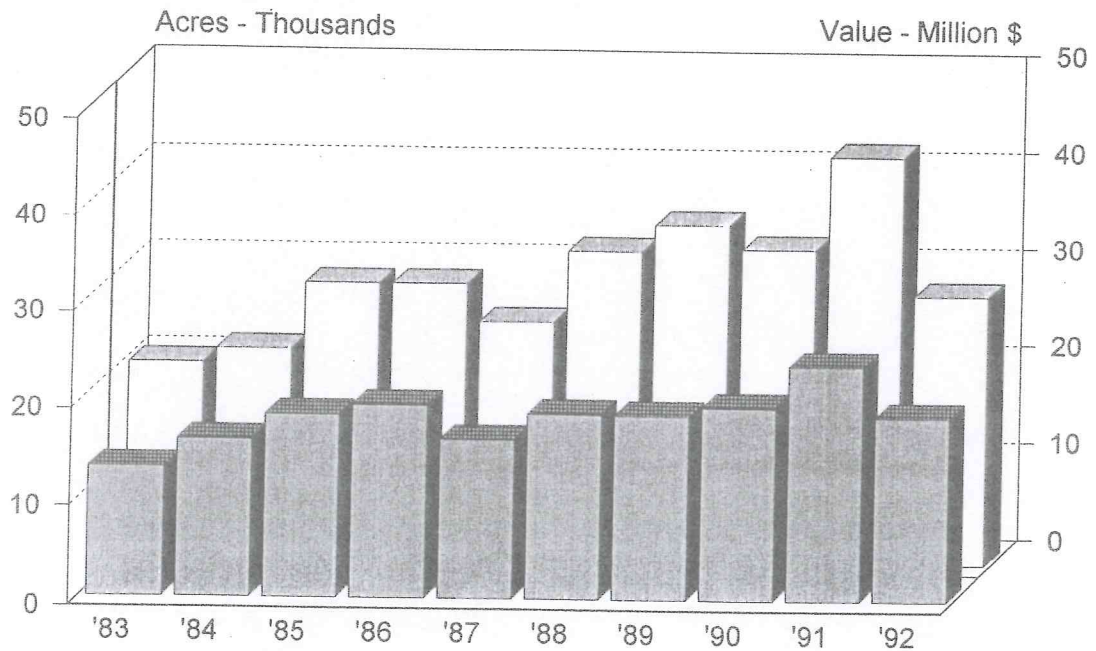
Values listed are for the crops in which Solano County ranked in the top five in the state based on gross value, during the 1991 crop year. Numbers at the end of each bar represent a percentage of the total state value for that crop produced in Solano County.

Top Ten Crops in Solano County

By Value for 1992

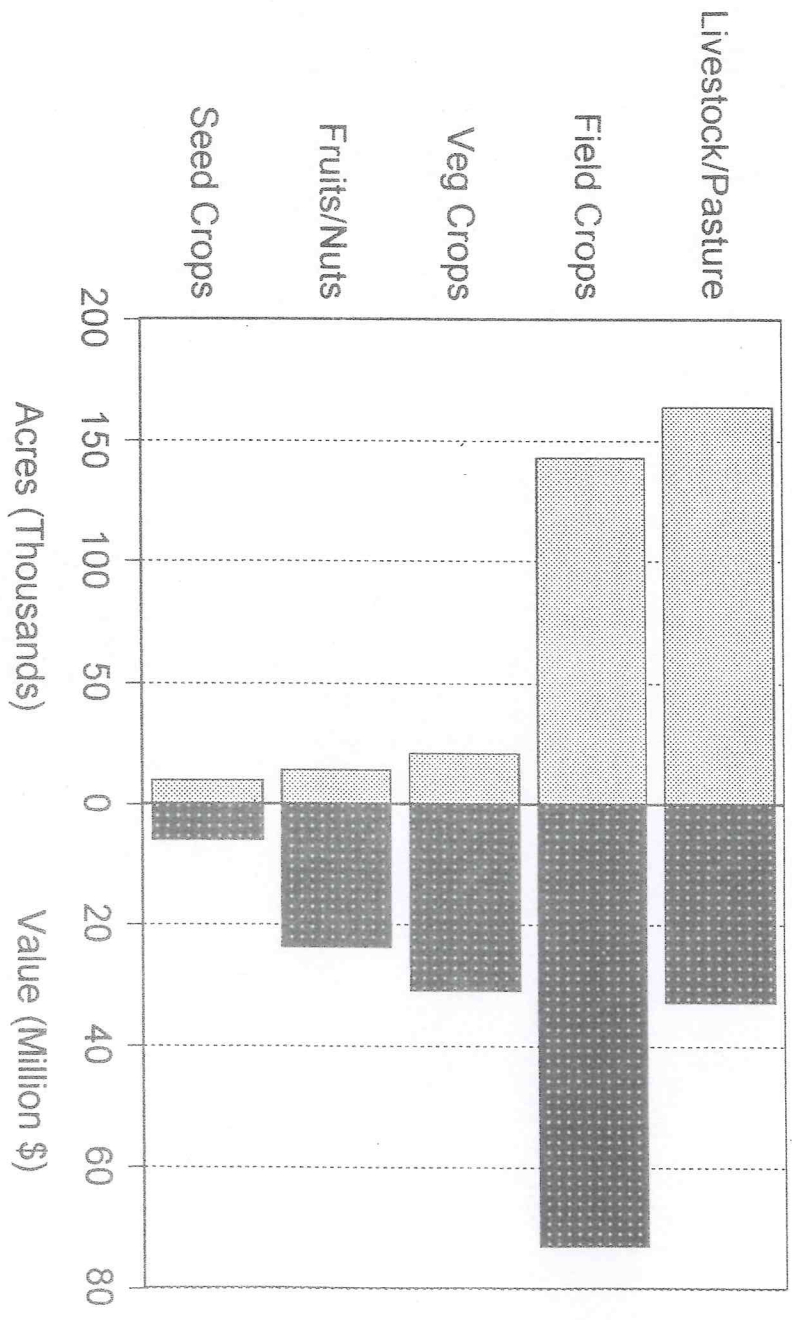


Historical Production of Processing Tomatoes in Solano County

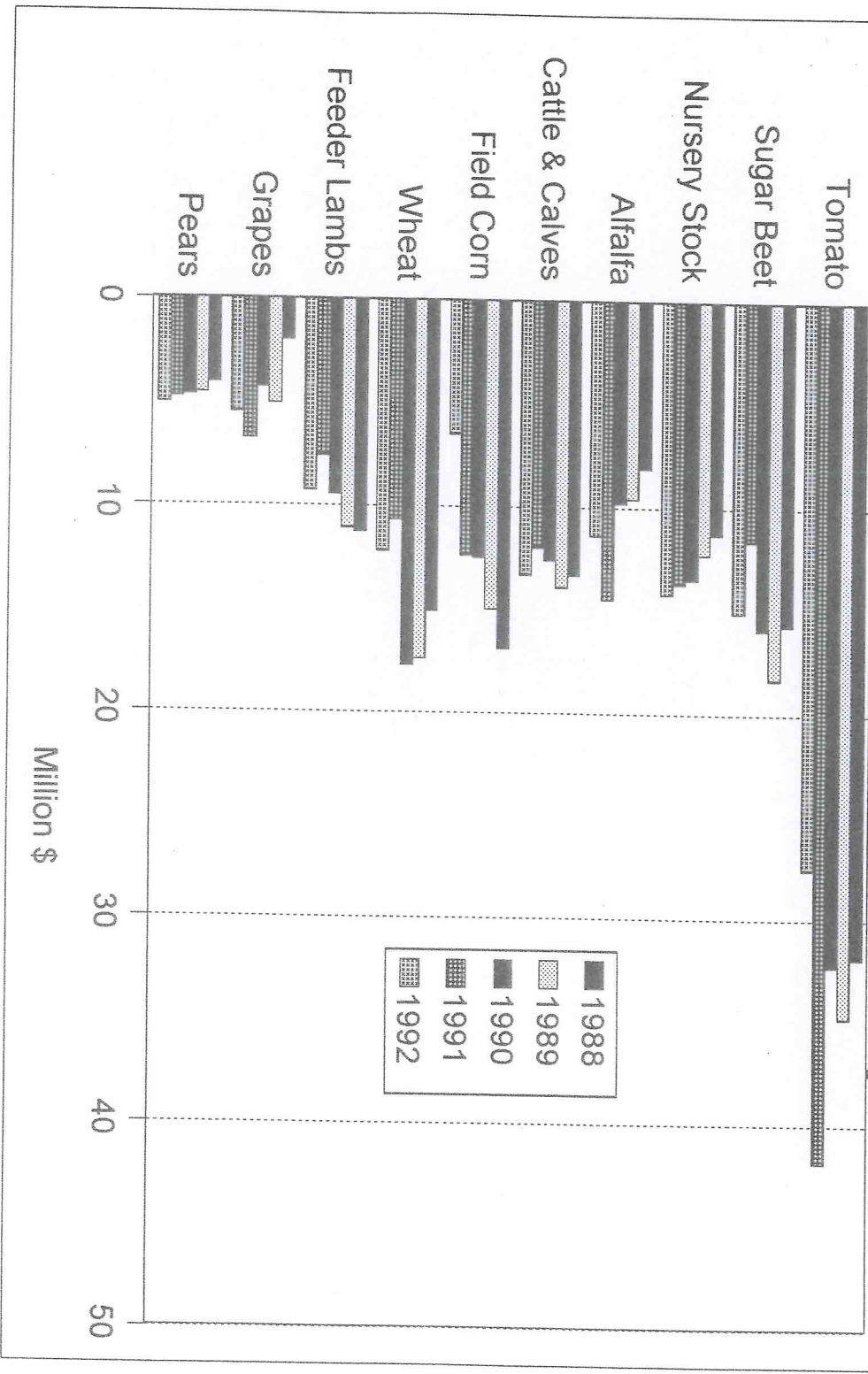


Solano County Crop Production 1992

By Major Commodities



History of Key Commodities Produced in Solano County



MILLION DOLLAR CROPS

		1992 RANK	1991 RANK
TOMATOES, PROCESSING.	\$27,585,400	1	1
SUGAR BEETS	15,117,300	2	6
NURSERY STOCK	14,169,000	3	3
CATTLE & CALVES	13,267,700	4	5
WHEAT, IRRIGATED	12,264,400	5	7
ALFALFA HAY	11,403,200	6	2
FEEDER LAMBS	9,322,600	7	8
FIELD CORN	6,516,300	8	4
GRAPES	5,442,600	9	9
PEARS	5,135,600	10	11
WALNUTS	4,225,000	11	10
MILK	3,501,700	12	14
BARLEY, IRRIGATED	3,150,000	13	15
PRUNES	2,981,300	14	13
SAFFLOWER, OIL	2,639,700	15	--
SUNFLOWER SEED CERTIFIED	2,429,400	16	12
BEANS, EDIBLE, DRY ALL MARKET CLASSES	2,427,300	17	16
PASTURE, RANGELAND	2,155,500	18	17
STOCK SHEEP	1,728,000	19	18
PASTURE, IRRIGATED	1,722,000	20	21
APRICOTS	1,333,500	21	19
POP CORN	1,149,100	22	22
ALMONDS	1,011,000	23	--
BEANS, SEED, DRY ALL MARKET CLASSES			20
OATS, GRAIN			23

SOLANO COUNTY ANNUAL SUSTAINABLE AGRICULTURE REPORT

1992

Pest	Agent/Mechanism	Scope of Program *
COUNTY BIOLOGICAL CONTROL		
Puncture Vine <u>Tribulus terrestris</u>	Stem & Seed Weevils <u>Microlarinus lypriformis</u> <u>Microlarinus lareynii</u>	2 Sites
Yellow Star Thistle <u>Centaurea solstitialis L.</u>	Seed Head Weevil <u>Bangasternus orientalis</u>	5 Sites
Ash Whitefly <u>Siphoninus phillyreae</u>	Parasitic Wasp <u>Encarsia sp.</u>	15 Sites
PEST MANAGEMENT		
Artichoke Thistle <u>Cynara cardunculus L.</u>	Mechanical/Chemical	Various Sites
PEST EXCLUSION		
Gypsy Moth <u>Lymantria dispar</u>	Household Goods Shipments 408 Shipments Inspected	
Exotic Pests	Inspections of packages and shipments at UPS, Trucks, Foreign Aircraft	
Gypsy Moth/Asian Gypsy Moth Mediterranean Fruit Fly Oriental Fruit Fly Japanese Beetle/Melon Fly Khapra Beetle Nantucket Pine Tip Moth European Pine Shoot Moth	904 Traps placed throughout the county to detect the presence of these pests	

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ORGANIC FARMING STATISTICS

FARMS	PRODUCTS	ACRES
15	VARIOUS FRUITS & VEGETABLES (Apricots, Beans, Carrots, Figs, Herbs, Lettuce, Melons, Mushrooms, Peppers, Squash, Tomatoes, Walnuts, Etc.)	500

* Represents total number of individual sites, trees, acres, etc. incorporated in program efforts (survey, trap servicings, releases, etc.)

SOLANO COUNTY GENERAL INFORMATION

County Seat Fairfield

County Population (January 1, 1992) 364,691

Benicia - 26,368	Dixon - 11,526	Fairfield - 85,564
Rio Vista 3,597	Suisun - 23,562	Vacaville - 78,301
	Vallejo - 114,772	

State Ranking In 1991 For Agricultural Production Values 28th

Ranking Among California Counties For Gross Value Of Production (1991)

- 2nd: Corn (For Grain) and Sheep & Lambs
- 3rd: Wheat(Excl. Seed)
- 4th: Pears, Sugarbeets, Tomatoes-Processing
- 5th: Barley(Excl. Seed)

Total Secured Assessed Value (1992-93) \$15,615,130,119

Total Land Area in California (Acres, 1991). 100,000,000 Acres

California Agricultural Land (Acres, 1991) 30,000,000 Acres

Area of County (Square Miles - Land) 828.2 Sq. Mi.

Area of County (Acres - Land) 530,048 Acres

Area of County (Square Miles - Water) 78.7 Sq. Mi.

Number of Farms in Solano County (1987) 895 Farms

Average U.S. Farm size (Acres, 1991) 467 Acres

Average California Farm Size (Acres, 1991) 361 Acres

Average Size of Solano Farm (Acres,1987) 359 Acres

Solano County Road Miles (Jan. 1, 1992) 610.3 Miles

Major Roadways - Interstates 80, 505, 680, 780 Highways 12, 29, 37,
84, 113, 220

Major Farming Districts - Dixon, Winters, Rio Vista - Ryer Island, Suisun
Valley, East Vacaville

Major Rivers & Waterways - Sacramento and Napa Rivers, Deep Water Ship
Channel, San Pablo and Suisun Bays

Railroads Southern Pacific, Amtrack

Facilities - Travis Air Force Base, Mare Island Naval Reserve, University
of California at Davis & Wolfskill Agricultural Experiment Stations