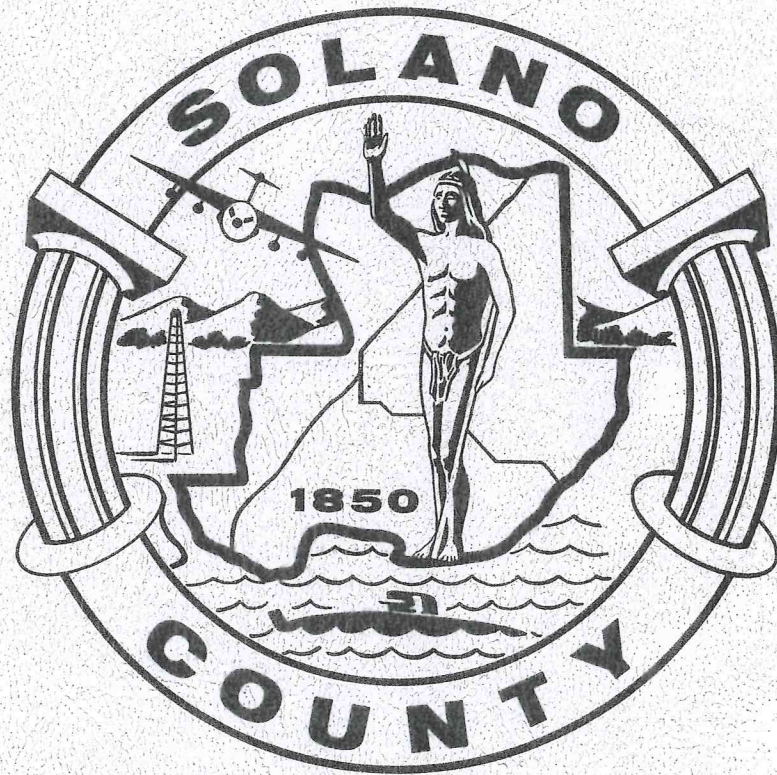


# AGRICULTURAL CROP REPORT 1985



**Solano County Department of Agriculture**

Mr. Clare Berryhill, Director  
California Department of Food and Agriculture

The Honorable Board of Supervisors of the County of Solano

and

Mr. Richard Watson, County Administrator

In accordance with Section 2279 of the California Food and Agricultural Code, I hereby submit the annual crop report of agricultural production for the year 1985. This report addresses the acreage, production, and gross value of agricultural production in Solano County and does not reflect any net values.

The gross value of all agricultural products for 1985 was \$153,178,300, up \$12,548,400 from 1984. This rise in gross value is due to increased acreage, yields, and value of seed crops--especially sunflowers; increased acreage, yields, and value of processing tomatoes; and increased production of cattle and sheep. This is part of the explanation for an increase in gross value despite another year of overall declining agricultural net income.

Again tomatoes were the leading crop in 1985 in gross value at \$28,434,500, which is an increase of \$6,941,800 over 1984. Acreage increased from 15,897 in 1984 to 18,500 in 1985.

Field corn was the second leading agricultural crop in terms of gross value with \$18,720,000.

Sugar beets dropped from the second leading crop in 1984 to the third leading crop in 1985. The 1985 gross value was \$18,656,200, down \$2,106,900 from 1984. This reduction is due largely to a reduced per-unit value.

Field crops in general were up \$1,539,100 from 1984. This increase is due to increased production of nursery products, wheat, barley, and straw despite an overall reduction in price paid per unit.

Fruit and nut crops were up \$175,700 due in part to increased value paid for pears and increased production of prunes. Overall production was down--especially for almonds and apricots, both of which are suffering from a depressed market.

Seed crops were up \$2,011,400 due to increased sunflower acreage.

Vegetable crops were up \$5,968,400 due to increased acreage and production of tomatoes.

The gross value of animal production was up \$2,853,800 due to increases in cattle and sheep production.

There were approximately 750 acres of agricultural land that were displaced by urbanization. Approximately 500 acres of non-irrigated pasture were displaced in Northeast Vallejo; approximately 50 acres of orchards were removed on both the east and west borders of Vacaville; and approximately 200 acres of orchard were removed in the Fairfield-Suisun area, mainly the industrial park area south of Solano Community College.

I again emphasize that this report represents only gross value of agricultural products and does not reflect any net return to the producer.

I wish to express my sincere appreciation to those who have provided the information and records necessary to compile this report and to the growers of Solano County who make agriculture our most valued industry.

Respectfully,

A handwritten signature in cursive script that reads "John M. Donahue".

John M. Donahue  
Agricultural Commissioner

JMD:ld



TABLE OF CONTENTS

Solano County Fruit and Nut Acreage Statistics . . . . . 1

Field Crops: Acreage, Production and Value . . . . . 2,3

Fruit and Nut Crops: Acreage, Production and Value . . . . . 4,5

Seed Crops: Acreage, Production and Value . . . . . 6

Vegetable Crops: Acreage, Production and Value . . . . . 7

Livestock and Poultry: Production and Value . . . . . 8

Livestock, Poultry and Apiary Products and Value . . . . . 9

Grand total of All Agricultural Products . . . . . 9

Summary . . . . . 10

Million Dollar Crops . . . . . 11

SOLANO COUNTY FRUIT AND NUT ACREAGE STATISTICS

1985

<u>Orchard Crop</u>	<u>Bearing Acreage</u>	<u>Non-Bearing Acreage</u>	<u>Total</u>
Almonds	2,647	40	2,687
Apples	118	0	118
Apricots	1,175	30	1,205
Cherries	125	4	129
Figs	5	0	5
Guava	0	17	17
Grapes (Wine)	1,113	117	1,230
Kiwi	80	13	93
Olives	1	0	1
Oranges	26	0	26
Peaches (Freestone)	392	9	401
Pears	2,474	24	2,498
Persimmons	2	0	2
Pistachio Nuts	14	0	14
Plums	20	0	20
Prunes	2,681	102	2,783
Tangerines	1	4	5
Walnuts (English)	2,446	1,056	3,502
Walnuts (Black)	23	47	70

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Production			Value		
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total
Barley, (Irrigated)	1985	4,500	2.50	11,250	Ton	110.00	1,237,500
	1984	6,300	.85	5,355	Ton	130.00	696,200
Barley, (Other)	1985	4,319	1.25	5,399	Ton	100.00	539,900
	1984	(See Barley, Irrigated)			---	---	---
Beans	1985	6,400	1.10	7,040	Ton	420.00	2,956,800
	1984	5,810	.95	5,520	Ton	420.00	2,318,400
Field Corn	1985	48,000	3.90	187,200	Ton	100.00	18,720,000
	1984	51,000	3.65	186,150	Ton	110.00	20,476,500
Hay (Alfalfa)	1985	11,300	5.50	62,150	Ton	80.00	4,972,000
	1984	11,200	5.00	56,000	Ton	85.00	4,760,000
Hay (Grain)	1985	5,100	2.65	13,515	Ton	57.00	770,400
	1984	5,000	2.75	13,750	Ton	55.00	756,300
Hay (Grass)	1985	4,000	2.10	8,400	Ton	45.00	378,000
	1984	3,900	2.00	7,800	Ton	45.00	351,000
Milo	1985	1,900	2.50	4,750	Ton	90.00	427,500
	1984	1,500	3.00	4,500	Ton	97.00	436,500
Nursery Stock	1985	1,237	---	---	---	---	8,395,300
	1984	1,525	---	---	---	---	6,287,700
Oats	1985	2,100	1.00	2,100	Ton	115.00	241,500
	1984	2,200	.90	1,980	Ton	120.00	237,600
Pasture, (Irrigated)	1985	21,000	---	---	Acre	100.00	2,100,000
	1984	21,500	---	---	Acre	100.00	2,150,000
Pasture, (Other)	1985	146,000	---	---	Acre	10.00	1,460,000
	1984	146,500	---	---	Acre	11.00	1,611,500
Safflower	1985	2,200	1.00	2,200	Ton	250.00	550,000
	1984	6,200	1.10	6,820	Ton	265.00	1,807,300
Sugar Beet	1985	22,111	25.00	552,775	Ton	33.75	18,656,200
	1984	21,455	24.50	525,648	Ton	39.50	20,763,100
Sunflower	1985	85	1.25	106	Ton	240.00	25,400
	1984	(See Seed Crops)			---	---	---

FIELD CROPS: ACERAGE, PRODUCTION AND VALUE (Con't)

<u>Crop</u>	<u>Year</u>	<u>Production</u>			<u>Value</u>		
		<u>Bearing Acerage</u>	<u>Per Acre</u>	<u>Total</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
Wheat, (Irrigated)	1985	53,000	3.00	159,000	Ton	103.00	16,377,000
	1984	49,000	2.60	127,400	Ton	115.00	14,651,000
Wheat, (Other)	1985	4,153	1.25	5,191	Ton	103.00	534,700
	1984	(See Wheat, Irrigated)			---	---	---
Miscellaneous	1985	(Silage, Straw, Screenings, Etc.)			---	---	750,000
	1984	(Silage, Straw, Screenings, Etc.)			---	---	250,000
TOTAL FIELD CROPS	1985	337,405					\$ 79,092,200
	1984	335,290					\$ 77,553,100



FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

<u>Crop</u>	<u>Year</u>	<u>Production</u>		<u>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)	1985	---	---	683.0	Ton	1,200.00	819,600
	1984	---	---	1,145.0	Ton	1,700.00	1,946,500
Almond Hulls	1985	---	---	854.0	Ton	30.00	25,600
	1984	---	---	1,432.0	Ton	35.00	50,100
Total Almonds	1985	2,647	.258	683.0	Ton	---	845,200
	1984	2,777	.412	1,145.0	Ton	---	1,996,600
Apricots							
Dried	1985	---	---	138.0	Ton	1,155.00	159,400
	1984	---	---	571.0	Ton	1,560.00	890,800
Fresh Market	1985	---	---	628.0	Ton	640.00	401,900
	1984	---	---	536.0	Ton	585.00	313,600
Juice	1985	---	---	---	---	---	---
	1984	---	---	900.0	Ton	190.00	171,000
Total Apricots	1985	1,175	1.180	1,387.0	Ton	---	561,300
	1984	1,297	3.969	5,148.0	Ton	---	1,375,400
Cherries							
Fresh Market	1985	---	---	188.0	Ton	2,164.00	406,800
	1984	---	---	95.0	Ton	1,777.00	168,800
Total Cherries	1985	125	1.500	188.0	Ton	2,164.00	406,800
	1984	119	.798	95.0	Ton	1,777.00	168,800
Grapes, Wine							
Dark Variety	1985	---	---	2,784.0	Ton	270.00	751,700
	1984	---	---	3,118.0	Ton	260.00	810,700
White Variety	1985	---	---	3,274	Ton	250.00	818,500
	1984	---	---	2,514.0	Ton	285.00	716,500
Total Grapes	1985	1,113	5.440	6,058.0	Ton	---	1,570,200
	1984	1,054	5.343	5,632.0	Ton	---	1,527,200
Kiwi							
	1985	80	7.060	565.0	Ton	2,100.00	1,186,500
	1984	45	8.250	371.0	Ton	2,200.00	816,200
Peaches (Freestone)							
Dried	1985	---	---	257.0	Ton	900.00	231,300
	1984	---	---	147.0	Ton	825.00	121,300

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Production			Value		
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total
Peaches (Cont'd)							
Freezer	1985	---	---	---	---	---	---
	1984	---	---	450.0	Ton	125.00	56,300
Fresh Market	1985	---	---	5.0	Ton	168.00	800
	1984	---	---	25.0	Ton	375.00	9,400
Total Peaches	1985	392	5.140	2,015.0	Ton	---	232,100
	1984	441	3.583	1,580.0	Ton	---	187,000
Pears							
Canned #1	1985	---	---	12,434.0	Ton	206.00	2,561,400
	1984	---	---	11,598.0	Ton	175.00	2,029,700
Dried	1985	---	---	75.0	Ton	660.00	49,500
	1984	---	---	31.0	Ton	600.00	18,600
Fermenting Products	1985	---	---	40.0	Ton	50.00	2,000
	1984	---	---	3,084.0	Ton	60.00	185,000
Fresh Market	1985	---	---	177.0	Ton	564.00	99,800
	1984	---	---	676.0	Ton	413.00	279,200
Total Pears	1985	2,474	5.280	13,063.0	Ton	---	2,712,700
	1984	2,595	5.999	15,544.0	Ton	---	2,512,500
Plums	1985	20	2.500	50.0	Ton	984.00	49,200
	1984	20	2.175	43.5	Ton	666.00	29,000
Prunes	1985	2,681	2.400	6,434.0	Ton	580.00	3,732,000
	1984	2,630	1.500	3,945.0	Ton	620.00	2,445,900
Walnuts	1985	2,446	1.090	2,666.0	Ton	760.00	2,026,200
	1984	2,296	1.300	2,984.8	Ton	740.00	2,208,800
Miscellaneous	1985	189	(Apples, Berries, Figs, Olives,				160,900
	1984	81	Oranges, Persimmons, Pistachios, & Black Walnuts)				40,000
TOTAL FRUIT & NUT CROPS	1985	13,342					\$13,483,100
	1984	13,355					\$13,307,400

SEED CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Production			Value		
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total
Alfalfa, Certified	1985	42	240.00	10,080	Lb.	.90	9,100
	1984	6	416.00	2,500	Lb.	1.05	2,600
Barley, Certified	1985	36	2.50	90	Ton	140.00	12,600
	1984	2	2.25	4.50	Ton	160.00	700
Beans (Dry), Certified	1985	384	1.00	384	Ton	480.00	184,300
	1984	717	.95	681	Ton	700.00	476,700
Cantaloupe	1985	101	370.00	37,370	Lb.	2.00	74,700
	1984	40	390.00	15,600	Lb.	2.00	31,200
Cucumber	1985	189	290.00	54,810	Lb.	3.75	205,500
	1984	307	400.00	122,800	Lb.	3.35	411,400
Popcorn	1985	---	---	---	---	---	---
	1984	478	3.50	1,673	Ton	200.00	334,600
Safflower	1985	445	.70	312	Ton	235.00	73,300
	1984	870	.48	418	Ton	230.00	96,100
Sunflower	1985	2,575	.80	2,060	Ton	1,000.00	2,060,000
	1984	77	.70	54	Ton	900.00	48,600
Sunflower, Certified	1985	1,916	.80	1,533	Ton	1,100.00	1,686,300
	1984	875	.70	613	Ton	1,100.00	674,300
Watermelon	1985	441	300.00	132,300	Lb.	2.75	363,800
	1984	---	---	---	---	---	---
Watermelon, Certified	1985	54	300.00	16,200	Lb.	2.00	32,400
	1984	104	400.00	41,600	Lb.	2.05	85,300
Wheat, Certified	1985	1,084	3.00	3,252	Ton	150.00	487,800
	1984	2,142	2.65	5,676	Ton	125.00	709,500
Miscellaneous	1985	297	(Squash, Tomato, Onion )				439,300
	1984	565					746,700
TOTAL SEED CROP	1985	7,564					\$5,629,100
	1984	6,183					\$3,617,700

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

<u>Crop</u>	<u>Year</u>	<u>Production</u>			<u>Value</u>		
		<u>Bearing Acreage</u>	<u>Per Acre</u>	<u>Total</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
Asparagus	1985	412	1.40	577	Ton	1,173.00	676,800
	1984	538	1.10	592	Ton	1,100.00	651,200
Bell Pepper, (Processing)	1985	128	12.00	1,536	Ton	150.00	230,400
	1984	174	14.00	2,436	Ton	135.00	328,900
Sweet Corn	1985	510	185.00	94,350	45 lb.	7.75	731,200
	1984	690	180.00	124,200	45 lb.	7.50	931,500
Tomatoes	1985	18,500	29.00	536,500	Ton	53.00	28,434,500
	1984	15,897	26.00	413,322	Ton	52.00	21,492,700
Miscellaenous	1985	1,500	(Beans, Carrots, Cucumbers,				2,535,700
	1984	1,500	Herbs, Melons, Onions, Peppers, Peppers, Popcorn, Pumpkins, Squash, Tomatoes, & Misc. Vegetables)				3,235,900
TOTAL	1985	21,050					\$32,608,600
VEGETABLE CROPS	1984	18,799					\$26,640,200

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

<u>Item</u>	<u>Year</u>	<u>Production</u>		<u>Unit</u>	<u>Value</u>	
		<u>Head</u>	<u>Liveweight</u>		<u>Per Unit</u>	<u>Total</u>
Cattle & Calves	1985	35,000	175,000	Cwt.	56.00	9,800,000
	1984	29,000	145,000	Cwt.	61.00	8,845,000
Chicken, Other	1985	12,500	---	Head	.36	4,500
	1984	15,000	---	Head	.32	4,800
Hogs & Pigs	1985	150	300	Cwt.	47.30	14,200
	1984	260	520	Cwt.	49.70	25,800
Replacement Pullets	1985	---	---	---	---	---
	1984	22,290	---	Head	3.00	66,900
Sheep (Ewe)	1985	20,945	28,276	Cwt.	23.10	653,200
	1984	15,230	20,561	Cwt.	12.00	246,700
Sheep (Lamb)	1985	153,601	115,201	Cwt.	68.30	7,868,200
	1984	126,923	95,192	Cwt.	59.70	5,683,000
Miscellaneous	1985					62,500
	1984	(Ducks, Pheasants, Rabbits, Squabs, etc.)				
TOTAL LIVESTOCK & POULTRY	1985					\$ 18,402,600
	1984					\$ 14,932,200

LIVESTOCK, POULTRY, AND APIARY PRODUCTION AND VALUE

<u>Item</u>	<u>Year</u>	<u>Production</u>	<u>Unit</u>	<u>Value</u>	
				<u>Per Unit</u>	<u>Total</u>
Bees - Honey	1985	44,385	Lb.	.55	24,400
	1984	30,493	Lb.	.56	17,100
- Packages	1985	3,655	Lb.	15.00	54,800
	1984	5,406	Lb.	8.75	47,300
- Pollination	1985	7,085	Colony	17.50	124,000
	1984	5,589	Colony	17.00	95,000
- Queens	1985	17,400	Each	5.50	95,700
	1984	9,650	Each	5.50	53,100
- Wax	1985	475	Lb.	1.15	500
	1984	455	Lb.	1.10	500
Eggs, Chicken	1985	954,146	Doz.	.52	496,200
	1984	878,417	Doz.	.53	465,600
Milk - Market	1985	236,000	Cwt.	12.17	2,872,100
	1984	263,190	Cwt.	12.84	3,379,300
- Manufacturing	1985	2,000	Cwt.	11.06	22,100
	1984	740	Cwt.	11.86	8,800
Wool	1985	462,497	Lb.	.59	272,900
	1984	408,642	Lb.	.78	318,700
TOTAL LIVESTOCK, POULTRY, AND APIARY PRODUCTS & VALUE	1985	. . . . .			\$ 3,962,700
	1984	. . . . .			\$ 4,385,400
<hr/>					
GRAND TOTAL OF ALL AGRICULTURAL PRODUCTS	1985	. . . . .			\$153,178,300
	1984	. . . . .			\$140,629,900

S U M M A R Y

<u>Year</u>	<u>Field Crops</u>	<u>Fruit &amp; Nut Crops</u>	<u>Seed Crops</u>	<u>Vegetable Crops</u>	<u>Animal Production</u>	<u>Totals</u>
1975	47,184,500	10,762,700	1,636,200	28,784,300	10,643,100	99,222,500
1976	45,439,000	10,951,600	1,639,000	18,798,000	11,666,600	88,494,200
1977	43,710,700	11,676,100	1,639,400	32,552,300	10,616,900	100,195,400
1978	45,593,000	14,212,200	2,689,900	22,910,800	12,898,100	98,304,000
1979	66,117,700	16,865,700	4,993,100	30,092,400	16,123,200	134,192,100
1980	86,755,900	15,781,400	6,527,200	25,532,900	18,398,100	152,995,500
1981	86,094,700	17,875,900	3,685,000	24,753,300	18,688,800	151,097,700
1982	76,060,100	14,973,000	2,713,500	24,282,000	19,808,100	137,836,700
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

CLASSIFICATION OF ACREAGE

Field Crops . . . . .	337,405
Fruit & Nuts Crops . . . . .	13,342
Pasture Lands . . . . .	167,000
Seed Crops . . . . .	7,564
Vegetable Crops . . . . .	21,050

TOTAL AREA

Square Miles - 827

Estimated Total County Population - 275,200

JANUARY 1, 1986 INVENTORY OF LIVESTOCK AND POULTRY

<u>Item</u>	<u>No. of Head</u>
Cattle and Calves	
All . . . . .	44,000
Milk Cows . . . . .	1,700
Hens and Pullets (of laying age) . . . . .	50,000
Hogs and Pigs . . . . .	100
Horses and Mules . . . . .	3,750
Stock Sheep . . . . .	75,500

MILLION DOLLAR CROPS

TOMATOES . . . . .	\$28,434,500
FIELD CORN . . . . .	18,720,000
SUGAR BEETS . . . . .	18,656,200
WHEAT, IRRIGATED. . . . .	16,377,000
CATTLE & CALVES . . . . .	9,800,000
SHEEP & LAMBS . . . . .	8,521,400
NURSERY STOCK . . . . .	8,395,300
ALFALFA HAY . . . . .	4,972,000
PRUNES . . . . .	3,732,000
BEANS . . . . .	2,956,800
MILK . . . . .	2,872,100
PEARS . . . . .	2,712,700
PASTURE, IRRIGATED. . . . .	2,100,000
SUNFLOWER SEED . . . . .	2,060,000
WALNUTS . . . . .	2,026,200
SUNFLOWER, CERTIFIED SEED . . . . .	1,686,300
GRAPES . . . . .	1,570,200
PASTURE, OTHER . . . . .	1,460,000
BARLEY, IRRIGATED . . . . .	1,237,500
KIWI . . . . .	1,186,500