

AGRICULTURAL CROP REPORT 1983



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 1983. This report deals with the acreage, production, and gross value of agricultural products produced in Solano County and does not reflect any net values.

The gross value for all agricultural products for 1983 was \$136,460,600-- down \$1,376,100 from 1982. This reduction in gross value is due primarily to the wet spring that caused reduced yields in fruit and nut crops and the Payment-in-Kind (PIK) Program for field corn and wheat.

Field corn was again the leading crop both in terms of gross value for a single crop with a gross value of \$23,400,000 and the leading cultivated agricultural crop with 48,000 acres.

Sugar beets was the second leading agricultural crop in terms of gross value with \$20,818,500, which is an increase of \$3,459,500 from 1982.

Tomatoes went from the second leading agricultural crop in terms of gross value to third with a gross value of \$19,960,000.

Field crops in general were up \$2,149,700 due to increased nursery stock and sugar beet production and higher prices for field corn.

Fruit and nut crops were down \$3,245,100 due to the wet spring that caused decreased yields and decreased markets for pears and walnuts.

Seed crops were up \$286,500 largely due to the increased production of certified bean seed and watermelon seed.

Truck crops were up \$788,700 due to increased production of asparagus, herbs, and tomatoes.

The gross value for livestock production was down \$1,846,000 due to decreases in production and value per unit of cattle & calves and hogs & pigs, and the loss of our turkey production.

The PIK Program in Solano County amounted to \$8,044,500 in 1983.

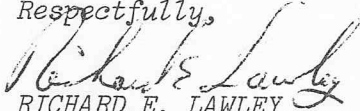
Urbanization has taken approximately 300 acres in the Vallejo area in 1983.

I again emphasize that this report represents 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.

This report is compiled by my staff under the direction of my Assistant Commissioner, John Donahue. To these people I wish to express my appreciation for an excellent report on the gross values of agricultural production in Solano County for the year 1983.

Respectfully,



RICHARD E. LAWLEY

Agricultural Commissioner

REL:np

ANNUAL CROP REPORT



GROSS VALUES 1983

STATE DIRECTOR OF FOOD AND AGRICULTURE
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SOLANO COUNTY FRUIT AND NUT ACREAGE STATISTICS
1983

<u>Orchard Crop</u>	<u>Bearing Acreage</u>	<u>Non-Bearing Acreage</u>	<u>Total</u>
Almonds	2,992	1	2,993
Apples	16	119	135
Apricots	1,340	13	1,353
Cherries	117	4	121
Figs	12	0	12
Grapes (Wine)	1,136	136	1,272
Kiwi	23	110	133
Olives	12	0	12
Oranges	26	0	26
Peaches (Freestone)	452	7	459
Pears	3,065	20	3,085
Pecans	2	0	2
Persimmons	4	0	4
Pistachio Nuts	14	0	14
Plums	19	1	20
Prunes	2,705	91	2,796
Tangerines	1	0	1
Walnuts (English)	2,282	277	2,559
Walnuts (Black)	15	47	62

FIELD 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>	
Barley	1983	5,500	1.25	6,875	Ton	125.00	859,400	
	1982	8,100	1.35	10,935	Ton	104.98	1,148,000	
Beans (Dry)	1983	3,705	1.02	3,779	Ton	475.00	1,795,000	
	1982	11,500	.85	9,775	Ton	325.00	3,177,000	
Field Corn	1983	48,000	3.75	180,000	Ton	130.00	23,400,000	
	1982	55,600	3.70	205,720	Ton	98.00	20,161,000	
Hay (Alfalfa)	1983	9,800	5.00	49,000	Ton	100.00	4,900,000	
	1982	10,100	6.80	68,680	Ton	90.00	6,181,000	
Hay (Grain)	1983	9,500	3.00	28,500	Ton	40.00	1,140,000	
	1982	6,800	3.10	21,080	Ton	55.98	1,180,000	
Hay (Grass)	1983	3,900	2.10	8,190	Ton	44.00	360,400	
	1982	4,500	2.00	9,000	Ton	40.00	360,000	
Milo	1983	2,000	2.80	5,600	Ton	124.00	694,400	
	1982	4,200	2.38	9,996	Ton	90.00	899,600	
Nursery Stock	1983	1,500	---	---	---	---	6,073,700	
	1982	1,260	---	---	---	---	5,272,000	
Oats	1983	2,150	1.10	2,365	Ton	135.00	319,300	
	1982	2,400	.96	2,304	Ton	120.00	276,500	
Pasture (Irrigated)	1983	22,000	---	---	Acre	100.00	2,200,000	
	1982	24,600	---	---	Acre	100.00	2,460,000	
Pasture (Other)	1983	147,000	---	---	Acre	10.00	1,470,000	
	1982	147,500	---	---	Acre	12.00	1,770,000	
Safflower	1983	6,600	1.00	6,600	Ton	235.00	1,551,000	
	1982	8,500	1.10	9,350	Ton	240.00	2,244,000	
Sugar Beets	1983	21,189	25.50	540,320	Ton	38.53	20,818,500	
	1982	19,906	25.11	499,840	Ton	34.73	17,359,000	
Sunflower	1983	750	.70	525	Ton	225.00	118,100	
	1982	1,600	.65	1,040	Ton	225.00	234,000	
Wheat	1983	40,000	2.25	90,000	Ton	134.00	12,060,000	
	1982	39,500	2.65	104,675	Ton	122.00	12,770,000	
Miscellaneous	1983							450,000
	1982	(Silage, Straw, Screenings, etc.)						568,000
TOTAL	1983	323,594					\$78,209,800	
FIELD CROPS	1982	346,066					\$76,060,100	

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

<u>Crop</u>	<u>Year</u>	<u>Bearing Acreage</u>	<u>Production</u>		<u>Unit</u>	<u>Value</u>	
			<u>Per Acre</u>	<u>Total</u>		<u>Per Unit</u>	<u>Total</u>
Almonds							
Almonds (Meats)	1983	---	---	550	Ton	2,300.00	1,265,000
	1982	---	---	920	Ton	1,740.00	1,600,800
Almond Hulls	1983	---	---	688	Ton	25.00	17,200
	1982	---	---	1,334	Ton	20.02	26,700
Total Almonds	1983	2,992	.184	550	Ton	---	1,282,200
	1982	3,007	.306	920	Ton	---	1,627,500
Apricots							
Dried	1983	---	---	428	Ton	2,030.00	868,800
	1982	---	---	648	Ton	4,400.00	2,851,200
Fresh Market	1983	---	---	305	Ton	615.00	187,600
	1982	---	---	529	Ton	720.04	380,900
Total Apricots	1983	1,340	2.425	3,250	Ton	---	1,056,400
	1982	1,330	3.080	4,096	Ton	---	3,232,100
Cherries							
Barreled	1983	---	---	---	---	---	---
	1982	---	---	---	---	---	---
Fresh Market	1983	---	---	144	Ton	1,440.00	207,400
	1982	---	---	103	Ton	1,600.00	164,800
Total Cherries	1983	117	1.230	144	Ton	---	207,400
	1982	98	1.051	103	Ton	---	164,800
Grapes, Wine							
Dark Variety	1983	---	---	3,056	Ton	250.00	764,000
	1982	---	---	3,148	Ton	250.00	787,000
White Variety	1983	---	---	2,273	Ton	275.00	625,100
	1982	---	---	2,412	Ton	268.99	648,800
Total Grapes	1983	1,136	4.691	5,329	Ton	---	1,389,100
	1982	1,164	4.777	5,560	Ton	---	1,435,800
Kiwi							
Kiwi	1983	23	8.000	184	Ton	2,000.00	368,000
	1982	21	11.000	231	Ton	1,500.00	346,500
Peaches (Freestone)							
Dried	1983	---	---	79	Ton	1,080.00	85,300
	1982	---	---	212	Ton	2,130.19	451,600
Freezer	1983	---	---	354	Ton	135.00	47,800
	1982	---	---	385	Ton	129.89	50,000

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>
Peaches (Cont'd)							
Fresh Market	1983	---	---	60.0	Ton	480.00	28,800
	1982	---	---	90.0	Ton	500.00	45,000
Total Peaches	1983	452	2.502	1,131.0	Ton	---	161,900
	1982	447	4.383	1,959.0	Ton	---	546,600
Pears							
Canned #1	1983	---	---	8,717.0	Ton	135.00	1,176,800
	1982	---	---	17,612.0	Ton	134.00	2,360,000
Canned #2	1983	---	---	2,912.0	Ton	98.00	285,400
	1982	---	---	---	---	---	---
Dried	1983	---	---	71.0	Ton	810.00	57,500
	1982	---	---	15.0	Ton	2,060.00	30,900
Fermenting Products	1983	---	---	7,415.0	Ton	65.00	482,000
	1982	---	---	3,061.0	Ton	70.00	214,300
Fresh Market	1983	---	---	275.0	Ton	495.00	136,100
	1982	---	---	582.0	Ton	380.07	221,200
Total Pears	1983	3,065	6.441	19,743.0	Ton	---	2,137,800
	1982	3,248	6.572	21,345.0	Ton	---	2,826,400
Plums	1983	19	.500	9.5	Ton	1,340.00	12,700
	1982	19	1.260	24.0	Ton	650.00	15,600
Prunes	1983	2,705	1.750	4,734.0	Ton	660.00	3,124,400
	1982	2,722	1.300	3,539.0	Ton	659.99	2,335,700
Walnuts	1983	2,282	1.250	2,853.0	Ton	680.00	1,940,000
	1982	2,139	1.000	2,139.0	Ton	1,113.98	2,382,800
Miscellaneous	1983	68	(Apples, Berries, Figs, Olives				48,000
	1982	74	Oranges, Persimmons, Pistachios, & Black Walnuts)				59,200
TOTAL FRUIT & NUT CROPS	1983	14,199					\$11,727,900
	1982	14,269					\$14,973,000

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Bearing Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Alfalfa	1983	7	220.00	1,540	lb.	1.15	1,800
	1982	95	400.00	38,000	lb.	1.15	43,700
Beans (Dry), Certified	1983	360	1.02	367	Ton	700.00	256,900
	1982	141	.85	120	Ton	480.00	57,600
Cantaloupe	1983	75	300.00	22,500	lb.	2.00	45,000
	1982	30	550.00	16,500	lb.	2.10	34,700
Cucumber	1983	223	310.00	69,130	lb.	2.75	190,100
	1982	212	360.00	76,320	lb.	2.50	190,800
Popcorn	1983	--	--	--	--	--	--
	1982	191	2.50	478	Ton	250.00	119,500
Safflower	1983	167	.60	100	Ton	235.00	23,500
	1982	988	1.00	988	Ton	260.00	256,900
Sunflower	1983	654	.75	491	Ton	860.00	4 22, 300
	1982	--	--	--	--	--	--
Sunflower, Certified	1983	367	.75	275	Ton	900.00	247,500
	1982	475	.65	309	Ton	1,100.00	339,900
Watermelon	1983	218	300.00	65,400	lb.	1.95	127,500
	1982	70	400.00	28,000	lb.	2.20	61,600
Watermelon, Certified	1983	71	360.00	25,560	lb.	2.10	53,700
	1982	17	460.00	7,820	lb.	3.00	23,500
Wheat, Certified	1983	1,330	2.75	3,658	Ton	150.00	548,700
	1982	1,285	2.80	3,598	Ton	150.00	539,700
Miscellaneous	1983	513	(Brome Grass, Cabbage, Carrot, 1,083,000				
	1982	1,413	Cauliflower, Endive, Garlic, 1,045,600 Lettuce, Oats, Onion, Pumpkin, Squash, Sudan Grass, & Tomato)				
TOTAL SEED CROP	1983	3,985					\$3,000,000
	1982	4,917					\$2,713,500

TRUCK 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	1983	568	.85	483	Ton	1,400.00	676,200
	1982	550	.65	358	Ton	1,300.00	465,400
Bell Pepper (Processing)	1983	135	10.00	1,350	Ton	125.00	168,800
	1982	217	11.00	2,387	Ton	141.02	336,600
Sweet Corn	1983	402	250.00	100,500	45 lb.	6.50	653,300
	1982	1,464	260.00	380,640	45 lb.	7.25	2,759,600
Tomatoes	1983	13,056	27.30	356,429	Ton	56.00	19,960,000
	1982	13,850	23.50	325,475	Ton	55.60	18,096,400
Miscellaneous	1983	1,500	(Beans, Carrots, Cucumbers, Herbs,				3,612,400
	1982	1,640	Melons, Onions, Peppers, Pumpkins, Squash, Tomatoes, & Misc. Vegetables)				2,624,000
TOTAL	1983	15,661					\$25,070,700
TRUCK CROPS	1982	17,721					24,282,000

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	1983	28,500	142,500	Cwt.	59.80	8,521,500
	1982	34,500	172,500	Cwt.	61.25	10,565,600
Chicken, Other	1983	33,000	---	Head	.33	10,900
	1982	32,500	---	Head	.35	11,400
Hogs & Pigs	1983	550	1,100	Cwt.	51.50	56,700
	1982	625	1,250	Cwt.	58.24	72,800
Replacement Pullets	1983	55,526	---	Head	3.50	194,300
	1982	42,000	---	Head	4.00	168,000
Sheep (Ewe)	1983	13,300	17,955	Cwt.	17.00	305,200
	1982	12,900	17,415	Cwt.	17.00	296,100
Sheep (Lamb)	1983	111,196	83,397	Cwt.	58.00	4,837,000
	1982	103,500	77,625	Cwt.	56.00	4,347,000
Turkey	1983	---	---	---	---	---
	1982	42,500	807,500	lb.	.39	314,900
Miscellaneous	1983	(Ducks, Pheasants, Rabbits, Squabs, etc.)				220,300
	1982	(Ducks, Pheasants, Rabbits, Squabs, etc.)				216,100
TOTAL LIVESTOCK AND POULTRY	1983					\$14,145,900
	1982					\$15,991,900

LIVESTOCK, POULTRY, AND APIARY PRODUCTS 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	1983	33,185	lb.	.55	18,300
	1982	62,250	lb.	.58	36,100
- Packages	1983	9,604	lb.	8.50	81,600
	1982	5,400	lb.	7.00	37,800
- Pollination	1983	4,630	Colony	16.00	74,100
	1982	5,882	Colony	16.00	94,100
- Queens	1983	8,850	Each	6.00	53,100
	1982	7,700	Each	6.00	46,200
- Wax	1983	680	lb.	1.60	1,100
	1982	--	--	--	--
Eggs, Chicken	1983	1,773,554	Doz.	.55	975,500
	1982	1,365,000	Doz.	.52	709,800
Milk - Market	1983	215,000	Cwt.	12.94	2,782,100
	1982	196,900	Cwt.	13.22	2,603,000
- Manufacturing	1983	1,000	Cwt.	12.13	12,100
	1982	450	Cwt.	12.44	6,000
Wool	1983	550,695	lb.	.56	308,400
	1982	435,680	lb.	.65	283,200
TOTAL LIVESTOCK, POULTRY, AND APIARY PRODUCTS & VALUE	1983				\$4,306,300
	1982				\$3,816,200

GRAND TOTAL OF ALL AGRICULTURAL PRODUCTS	1983				\$136,460,600
	1982				\$137,836,700

S U M M A R Y

<u>Year</u>	<u>Field Crops</u>	<u>Fruit & Nut Crops</u>	<u>Seed Crops</u>	<u>Truck Crops</u>	<u>Animal Production</u>	<u>Totals</u>
1973	\$33,326,300	\$12,411,000	\$ 741,600	\$16,899,900	\$10,681,900	\$ 74,060,700
1974	57,924,800	11,484,200	1,636,200	28,833,900	10,034,900	109,914,000
1975	47,184,500	10,762,700	1,847,900	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

CLASSIFICATION OF ACREAGE

Field Crops	154,594
Fruit & Nut Crops.	15,059
Pasture Land	169,000
Seed Crops	3,985
Truck Crops	15,661

TOTAL AREA

Square Miles - 827

Estimated Total County Population - 261,300

JANUARY 1, 1984 INVENTORY OF LIVESTOCK AND POULTRY

<u>Item</u>	<u>No. of Head</u>
Cattle and Calves	
All	37,500
Milk Cows (two years and older).	1,600
Hens and Pullets (of laying age).	75,000
Hogs and Pigs	200
Horses and Mules.	3,600
Stock Sheep	67,000

MILLION DOLLAR CROPS

FIELD CORN	. . . . .	\$23,400,000
SUGAR BEETS	. . . . .	20,818,500
TOMATOES	. . . . .	19,960,000
WHEAT	. . . . .	12,060,000
CATTLE & CALVES	. . . . .	8,521,500
NURSERY STOCK	. . . . .	6,073,700
SHEEP & LAMBS	. . . . .	5,142,200
ALFALFA HAY	. . . . .	4,900,000
PRUNES	. . . . .	3,124,400
MILK	. . . . .	2,782,100
IRRIGATED PASTURE	. . . . .	2,200,000
PEARS	. . . . .	2,137,800
WALNUTS	. . . . .	1,940,000
DRY BEANS	. . . . .	1,795,000
SAFFLOWER	. . . . .	1,551,000
PASTURE (OTHER)	. . . . .	1,470,000
GRAPES	. . . . .	1,389,100
ALMONDS	. . . . .	1,282,200
HAY (GRAIN)	. . . . .	1,140,000
APRICOTS	. . . . .	1,056,400