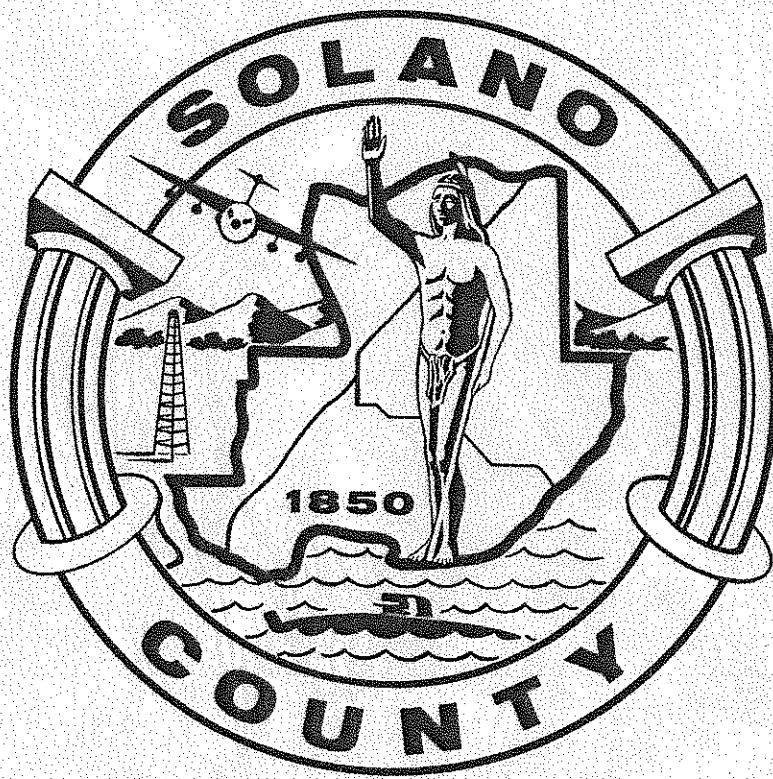


AGRICULTURAL CROP REPORT

1977



Solano County Department of Agriculture

Mr. Richard E. Rominger, Director
California Department of Food and
Agriculture

The Honorable Board of Supervisors
of the County of Solano

and

Mr. David Balmer, County Administrator

I am pleased to submit the Annual Crop Report of agricultural production for the year 1977, as required by Section 2279 of the California Food and Agricultural Code. This report shows the acreage, production, and gross value of agricultural products produced in Solano County.

The gross value for all agricultural products for 1977 was \$100,195,400. This is an increase of \$11,701,200 over 1976 and is the second highest gross value in Solano County history (\$109,914,000 in 1974).

Tomatoes continue to be the leading agricultural crop in Solano County with a gross value of \$29,585,000. Solano County growers produced 527,360 tons of tomatoes on 20,600 acres. Value of tomatoes was up approximately \$8 per ton. Tomatoes increased \$13,199,000 in value and account for the overall increase in total gross value of agricultural products for 1977.

The leading cultivated agricultural crop in Solano County in terms of total acres is field corn with 25,800 acres.

Fruit and nut crops were up approximately \$725,000 due to increased yields and returns for wine grapes, pears, prunes, walnuts, and almonds-- although apricots, cherries, plums, and peaches showed a decrease in yield.

Field crops showed a decrease of approximately \$1,728,000 due to depressed prices and a reduction in milo planting.

The gross value for livestock and poultry decreased \$935,000 because there were less livestock to sell than in 1976 (livestock producers have had to sell off much of their breeding stock due to the drought). I believe that livestock will also show a decrease in 1978 for the same reason and that it will take many years, if ever, for the livestock industry to get back to the 1974 level.

I must emphasize that this report represents gross values of agricultural products and does not reflect any net return to the producer. I must also emphasize that the drought had a tremendous effect on dryland growers and livestock producers in Solano County, which may not be reflected in this report.

If it were not for the fact that most areas of Solano County had adequate water for agricultural production (because of Solano County's irrigation districts), this report would probably show the lowest gross agricultural production values in history.



ANNUAL CROP REPORT

GROSS VALUES 1977

STATE DIRECTOR OF FOOD AND AGRICULTURE

RICHARD ROMINGER

SOLANO COUNTY BOARD OF SUPERVISORS

Thomas M. Hannigan, Chairman

Larry Asera
Richard Brann

Wallace Brazelton
Robert Scofield

COUNTY ADMINISTRATOR
David Balmer

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SOLANO COUNTY FRUIT AND NUT ACREAGE STATISTICS

1977

<u>Orchard Crop</u>	<u>Bearing Acreage</u>	<u>Non-Bearing Acreage</u>	<u>Total</u>
Almonds	3,395	267	3,662
Apples	5	8	13
Apricots	2,133	27	2,160
Cherries	146	17	163
Figs	22	0	22
Grapes (Wine)	1,130	413	1,543
Kiwi	18	4	22
Olives	21	0	21
Oranges	19	0	19
Peaches (Freestone)	559	119	678
Pears	3,458	223	3,681
Pecans	2	0	2
Persimmons	7	0	7
Pistachio Nuts	2	0	2
Plums	59	0	59
Prunes	3,227	221	3,448
Tangerines	1	0	1
Walnuts (English)	1,939	540	2,479
Walnuts (Black)	11	61	72

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 Hulls	1977	---	---	2,418	Ton	\$ 19.00	\$ 45,900
	1976	---	---	---	---	---	---
Almonds	1977	---	---	1,935	Ton	850.00	1,644,700
	1976	---	---	1,877	Ton	750.00	1,408,000
Total Almonds	1977	3,395	.57	1,935	Ton		1,690,600
	1976	3,541	.53	1,877	Ton		1,408,000
Apricots							
Dried	1977	---	---	725	Ton	2,400.00	1,740,000
	1976	---	---	1,072	Ton	2,000.00	2,144,000
Fresh Market	1977	---	---	645	Ton	340.00	219,300
	1976	---	---	820	Ton	320.00	262,000
Total Apricots	1977	2,133	2.17	4,629	Ton		1,959,300
	1976	2,247	2.99	6,718	Ton		2,406,000
Cherries							
Barreled	1977	---	---	8	Ton	425.00	3,400
	1976	---	---	21	Ton	420.00	9,000
Fresh Market	1977	---	---	68	Ton	1,000.00	68,000
	1976	---	---	136	Ton	950.00	129,000
Total Cherries	1977	146	.52	76	Ton		71,400
	1976	148	1.06	157	Ton		138,000
Grapes, Wine							
Dark Variety	1977	---	---	3,085	Ton	340.03	1,049,000
	1976	---	---	2,743	Ton	265.00	727,000
White Variety	1977	---	---	1,152	Ton	292.00	336,400
	1976	---	---	784	Ton	235.00	184,000
Total Grapes	1977	1,130	3.75	4,237	Ton		1,385,400
	1976	1,172	3.01	3,527	Ton		911,000
Peaches							
Canned	1977	---	---	407	Ton	95.00	38,700
	1976	---	---	280	Ton	95.00	27,000
Dried	1977	---	---	368	Ton	1,660.00	610,900
	1976	---	---	596	Ton	1,380.00	822,000
Fresh Market	1977	---	---	52	Ton	280.00	14,600
	1976	---	---	85	Ton	295.00	25,000
Total Peaches	1977	559	5.43	3,035	Ton		664,200
	1976	585	7.75	4,537	Ton		874,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE (Con't)

<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>
Pears							
Canned #1	1977	---	---	21,003	Ton	\$ 120.00	\$2,520,400
	1976	---	---	21,654	Ton	105.00	2,274,000
Canned #2	1977	---	---	983	Ton	80.00	78,600
	1976	---	---	117	Ton	65.00	7,600
Dried	1977	---	---	44	Ton	1,320.00	58,100
	1976	---	---	119	Ton	1,200.00	143,000
Fresh Market	1977	---	---	390	Ton	295.00	115,000
	1976	---	---	710	Ton	225.00	160,000
Total Pears	1977	3,458	6.54	22,615	Ton		2,772,100
	1976	3,367	6.87	23,136	Ton		2,584,600
Plums	1977	59	.71	42	Ton	405.00	17,000
	1976	58	1.10	64	Ton	395.31	25,000
Prunes	1977	3,227	1.23	3,970	Ton	526.00	2,088,200
	1976	3,492	1.47	5,135	Ton	370.00	1,900,000
Walnuts	1977	1,939	.70	1,357	Ton	700.00	949,900
	1976	1,967	.52	1,023	Ton	621.00	635,000
Misc. Fruit & Nut Crops	1977	108	(Apples, Berries, Figs, Kiwi, Olives,				78,000
	1976	111	Oranges, Persimmons, & Black Walnuts)				70,000
TOTAL FRUIT & NUT CROPS	1977	16,154					\$11,676,100
	1976	16,688					\$10,951,600

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 (Canning)	1977	80	1.10	88	Ton	\$ 550.00	\$ 48,400
	1976	80	.98	78	Ton	420.00	33,000
Bell Pepper	1977	200	10.66	2,132	Ton	141.23	301,100
	1976	125	17.50	2,188	Ton	122.00	267,000
Sweet Corn	1977	1,375	275.00	378,125	45 Lb.	4.90	1,852,800
	1976	1,350	190.00	256,500	45 Lb.	5.00	1,283,000
Tomatoes	1977	20,600	25.60	527,360	Ton	56.10	29,585,000
	1976	16,700	20.70	345,690	Ton	47.40	16,386,000

TRUCK CROPS: ACREAGE, PRODUCTION, AND VALUE (Con't)

<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>
Miscellaneous Truck Crops	1977	1,050	(Beans, Carrots, Cucumbers, Herbs,			\$	765,000
	1976	1,340	Melons, Onions, Pumpkins, Squash, & Tomatoes)				829,000
TOTAL TRUCK CROPS	1977	23,305					\$32,552,300
	1976	19,595					\$18,798,000

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	1977	12,400	1.50	18,600	Ton	\$ 90.00	\$ 1,674,000
	1976	10,200	1.50	15,300	Ton	98.00	1,499,000
Beans (Dry)	1977	6,955	.97	6,746	Ton	455.00	3,069,400
	1976	5,140	1.06	5,448	Ton	310.00	1,689,000
Field Corn	1977	25,800	3.75	96,750	Ton	87.00	8,417,200
	1976	23,200	3.70	85,840	Ton	100.00	8,584,000
Oats	1977	3,200	.75	2,400	Ton	140.00	336,000
	1976	2,100	.80	1,680	Ton	195.00	328,000
Sugar Beets	1977	22,002	27.65	608,355	Ton	24.13	14,680,000
	1976	24,210	28.25	684,006	Ton	21.68	14,829,000
Wheat	1977	24,700	2.70	66,690	Ton	85.00	5,669,000
	1976	18,300	3.00	54,900	Ton	110.00	6,039,000
Hay (Alfalfa)	1977	12,300	6.20	76,260	Ton	60.00	4,575,600
	1976	12,200	6.10	74,420	Ton	80.00	5,954,000
Hay (Grain)	1977	5,400	1.50	8,100	Ton	45.00	364,500
	1976	4,800	1.60	7,680	Ton	60.00	461,000
Hay (Grass)	1977	2,800	1.30	3,640	Ton	40.00	145,600
	1976	3,100	1.40	4,340	Ton	50.00	217,000
Irrigated Pasture	1977	24,600	---	---	Acre	75.00	1,845,000
	1976	25,700	---	---	Acre	70.00	1,799,000
Other Pasture	1977	149,600	---	---	Acre	4.00	598,400
	1976	148,500	---	---	Acre	3.00	446,000
Milo	1977	1,700	2.00	3,400	Ton	80.00	272,000
	1976	5,700	2.00	11,400	Ton	90.00	1,026,000

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

<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>	
Safflower	1977	1,950	1.00	1,950	Ton	\$220.00	\$ 429,000	
	1976	1,350	1.00	1,350	Ton	220.00	297,000	
Nursery Stock	1977	---	---	---	---	---	1,370,000	
	1976	---	---	---	---	---	2,025,000	
Miscellaneous	1977	(Christmas Tree, Screenings,						265,000
	1976	Sileage, and Straw)						246,000
TOTAL	1977	293,407					\$43,710,700	
FIELD CROPS	1976	284,500					\$45,439,000	

SEED 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>
Alfalfa	1977	110	100.00	11,000	Lb.	\$ 1.10	\$ 12,100
	1976	175	410.00	71,750	Lb.	.95	68,000
Oats, Certified	1977	120	.80	96	Ton	160.42	15,400
	1976	45	1.50	68	Ton	210.00	14,000
Beans, Certified	1977	327	1.00	327	Ton	525.08	171,700
	1976	172	1.20	206	Ton	500.00	103,000
Wheat, Certified	1977	927	3.00	2,781	Ton	120.00	333,700
	1976	1,473	3.00	4,419	Ton	120.00	530,000
Cucumber	1977	225	325.00	73,125	Lb.	2.10	153,600
	1976	---	---	---	---	---	---
Sunflower	1977	532	1525.00	811,300	Lb.	.55	446,200
	1976	245	2521.00	617,645	Lb.	.60	371,000
Safflower	1977	235	1.00	235	Ton	260.00	61,100
	1976	---	---	---	---	---	---
Trefoil	1977	60	140.00	8,400	Lb.	1.50	12,600
	1976	---	---	---	---	---	---
Miscellaneous	1977	577	(Clover, Melon, Onion, & Squash)				433,000
	1976	850					553,000
TOTAL	1977	3,113					\$1,639,400
SEED CROPS	1976	2,960					\$1,639,000

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

<u>Item</u>	<u>Year</u>	<u>Production</u>			<u>Value</u>	
		<u>Head</u>	<u>Liveweight</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
Cattle & Calves	1977	22,300	89,200	Cwt.	\$37.50	\$3,345,000
	1976	31,200	124,800	Cwt.	35.40	4,418,000
Hogs & Pigs	1977	250	525	Cwt.	40.95	21,500
	1976	215	452	Cwt.	43.00	19,000
Sheep (Lamb)	1977	87,500	65,625	Cwt.	54.09	3,550,000
	1976	92,600	69,450	Cwt.	53.75	3,733,000
Sheep (Ewe)	1977	20,000	34,000	Cwt.	13.00	442,000
	1976	18,000	21,600	Cwt.	13.00	281,000
Replacement Pullets	1977	95,200	---	Head	2.30	219,200
	1976	119,100	---	Head	2.70	322,000
Chicken, Other	1977	36,500	---	Head	.30	11,000
	1976	35,200	---	Head	.25	9,000
Turkey	1977	58,300	1,198,100	Lb.	.39	467,300
	1976	51,300	1,006,375	Lb.	.36	362,000
Miscellaneous	1977	(Ducks, Pheasants, Rabbits, Squabs, etc.)				180,000
	1976					27,000
TOTAL LIVESTOCK AND POULTRY	1977					\$8,236,000
	1976					\$9,171,000

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>
Wool	1977	512,086	Lb.	\$.68	\$ 348,200
	1976	527,414	Lb.	.68	359,000
Eggs, Chicken	1977	1,290,000	Doz.	.49	632,100
	1976	1,240,000	Doz.	.51	632,000
Milk - Market	1977	132,000	Cwt.	9.72	1,283,000
	1976	148,000	Cwt.	9.22	1,365,000
- Mfg.	1977	2,020	Cwt.	7.79	15,700
	1976	910	Cwt.	7.18	6,500
Bees - Honey	1977	85,200	Lb.	.41	35,000
	1976	125,800	Lb.	.40	50,000
- Wax	1977	780	Lb.	1.80	1,400
	1976	900	Lb.	1.25	1,100
- Packages	1977	5,800	Lb.	4.50	26,100
	1976	8,600	Lb.	4.50	39,000
- Queens	1977	1,500	Each	4.53	6,800
	1976	1,800	Each	5.00	9,000
- Pollination	1977	4,660	Colony	7.00	32,600
	1976	4,825	Colony	7.00	34,000
TOTAL LIVESTOCK, POULTRY AND APIARY PRODUCTS & VALUE	1977				\$2,380,900
	1976				\$2,495,600
GRAND TOTAL OF ALL AGRICULTURAL PRODUCTS	1977				\$100,195,400
	1976				\$ 88,494,200

S U M M A R Y

<u>Year</u>	<u>Fruit & Nut Crops</u>	<u>Truck Crops</u>	<u>Field Crops</u>	<u>Animal Production</u>	<u>Seed Crops</u>	<u>Totals</u>
1967	\$ 6,753,700	\$12,785,500	\$15,634,100	\$13,004,000	\$ 700,100	\$ 48,877,400
1968	10,895,100	14,115,600	19,276,800	9,820,800	949,500	55,057,800
1969	9,628,400	8,898,900	20,662,700	8,982,500	888,100	49,060,600
1970	8,234,300	8,029,600	23,218,900	9,135,000	816,700	49,434,500
1971	7,890,100	10,653,200	25,002,100	8,292,100	723,800	52,561,300
1972	9,142,800	11,636,900	26,602,000	9,253,000	730,000	57,364,700
1973	12,411,000	16,899,900	33,326,300	10,681,900	741,600	74,060,700
1974	11,484,200	28,833,900	57,924,800	10,034,900	1,636,200	109,914,000
1975	10,762,700	28,784,300	47,184,500	10,643,100	1,847,900	99,222,500
1976	10,951,600	18,798,000	45,439,000	11,666,600	1,639,000	88,494,200
1977	11,676,100	32,552,300	43,710,700	10,616,900	1,639,400	100,195,400

CLASSIFICATION OF ACREAGE 1977

Field Crops	119,207
Fruit & Nut Crops	18,063
Pasture Land	174,200
Seed Crops	3,113
Truck Crops	23,305

TOTAL AREA

827 Square Miles - 529,280 Acres

Estimated Total County Population - 197,500

JANUARY 1, 1978, INVENTORIES OF LIVESTOCK AND POULTRY
IN NUMBER OF HEAD

<u>Item</u>	<u>No. of Head</u>
Cattle & Calves	
All	38,500
Milk Cows - two years & older	1,600
Hogs & Pigs	200
Horses & Mules	3,500
Stock, Sheep, & Lambs	74,500
Hens & Pullets - of laying age	77,000

MILLION DOLLAR CROPS

TOMATOES	\$29,585,000
SUGAR BEETS	14,680,000
FIELD CORN	8,417,200
WHEAT	5,669,000
ALFALFA HAY	4,575,600
SHEEP AND LAMBS	3,992,000
CATTLE AND CALVES	3,345,000
DRY BEANS	3,069,400
PEARS	2,772,100
PRUNES	2,088,200
APRICOTS	1,959,300
SWEET CORN	1,852,800
IRRIGATED PASTURE	1,845,000
ALMONDS	1,690,600
BARLEY	1,674,000
WINE GRAPES	1,385,400
NURSERY STOCK	1,370,000
MILK	1,298,700