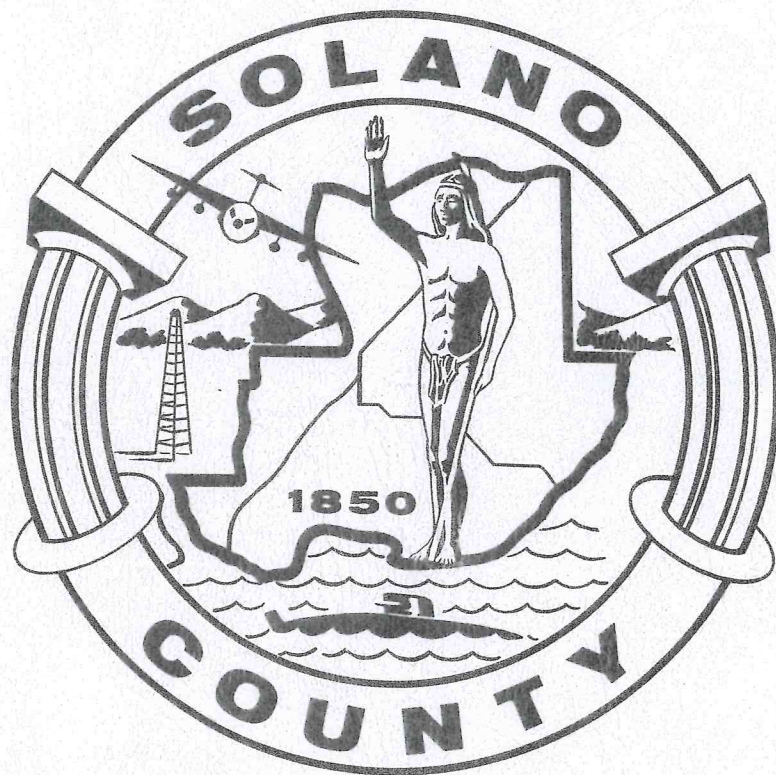


# **AGRICULTURAL CROP REPORT 1979**



**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

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 1979. This report shows the acreage, production, and gross value of agricultural products produced in Solano County.

The gross value for all agricultural products for 1979 was \$134,192,100. This was the highest gross value in the history of Solano County surpassing the previous high in 1974 by \$24,278,100 and was an increase of \$35,888,100 over 1978.

Tomatoes continued to be the leading agricultural crop in terms of gross value for a single crop with a gross value of \$25,296,000. Tomatoes increased in gross value from 1978 by \$6,789,000 due to a slightly higher value per unit and a better method of determining planted acreage.

Wheat was the leading cultivated agricultural crop in Solano County in terms of total acreage for a single crop with 42,200 acres and a gross value of \$15,086,500. Field crops in general showed an increase of \$20,524,700 due to increased acreage, yields, prices per unit, and a better method of determining planted acreage.

Fruit and nut crops were up approximately \$2,653,500 due to increased yields and returns for most of the crops in this group. Fruit and nut crops in terms of planted acreage seem to be stabilizing.

Seed crops increased by \$2,303,200 due largely to increased plantings of sunflower.

Truck crops increased by \$7,181,600 due to increased acreage of bell peppers and tomatoes.

The gross value for livestock and poultry increased by \$3,067,100 due to increased production and values for cattle and calves. The gross value for all sheep was up slightly while the production was down by 5,500 head.

I must emphasize that this report represents gross values 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, Donald Haug. 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 1979.

Respectfully,

A handwritten signature in cursive script that reads "Richard E. Lawley". The signature is written in dark ink and is positioned above the printed name and title.

Richard E. Lawley  
Agricultural Commissioner

REL:np



ANNUAL CROP REPORT

GROSS VALUES 1979

STATE DIRECTOR OF FOOD AND AGRICULTURE

RICHARD ROMINGER

SOLANO COUNTY BOARD OF SUPERVISORS

Wallace Brazelton, Chairman

Richard Brann            Jan Hewitt

Larry Asera              Osby Davis

COUNTY ADMINISTRATOR

David Balmer

SOLANO COUNTY DEPARTMENT OF AGRICULTURE

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John DeHoop             Joseph Mraz

John Donahue            John Okpiz

AGRICULTURAL BIOLOGIST II

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William Newell          Nicholas Surjan

SECRETARY

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TYPIST CLERK III

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SOLANO COUNTY FRUIT AND NUT ACREAGE STATISTICS

1979

<u>Orchard Crop</u>	<u>Bearing Acreage</u>	<u>Non-Bearing Acreage</u>	<u>Total</u>
Almonds	3361	24	3385
Apples	8	3	11
Apricots	1699	10	1709
Cherries	158	25	183
Figs	11	0	11
Grapes (Wine)	1281	36	1307
Kiwi	16	5	21
Olives	1	0	1
Oranges	18	0	18
Peaches (Freestone)	599	34	633
Pears	3506	144	3650
Persimmons	3	0	3
Pistachio Nuts	4	7	11
Plums	57	4	61
Prunes	3210	216	3426
Tangerines	1	0	1
Walnuts (English)	2059	310	2369
Walnuts (Black)	12	49	61



FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Production			Value			
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total	
Barley	1979	8,700	1.45	12,615	Ton	110.03	1,388,000	
	1978	12,600	1.52	19,152	Ton	95.00	1,819,400	
Beans (Dry)	1979	7,199	.94	6,767	Ton	530.07	3,587,000	
	1978	5,750	.95	5,462	Ton	410.00	2,239,400	
Field Corn	1979	27,500	3.68	101,200	Ton	110.00	11,132,000	
	1978	28,700	3.80	109,060	Ton	95.00	10,360,700	
Hay (Alfalfa)	1979	12,600	6.20	78,120	Ton	85.00	6,640,200	
	1978	12,500	6.30	78,750	Ton	55.00	4,332,000	
Hay (Grain)	1979	6,900	2.00	13,800	Ton	58.00	800,400	
	1978	6,800	1.75	11,900	Ton	35.00	416,500	
Hay (Grass)	1979	3,200	1.75	5,600	Ton	48.00	268,800	
	1978	2,900	1.50	4,350	Ton	30.00	130,500	
Milo	1979	2,200	2.35	5,170	Ton	100.00	517,000	
	1978	2,400	2.80	6,720	Ton	88.00	591,400	
Nursery Stock	1979	---	---	---	---	---	3,124,600	
	1978	---	---	---	---	---	1,701,500	
Oats	1979	4,700	.95	4,465	Ton	100.00	446,500	
	1978	4,800	.98	4,704	Ton	98.00	461,000	
Pasture (Irrigated)	1979	24,600	---	---	Acre	80.00	1,968,000	
	1978	24,600	---	---	Acre	80.00	1,968,000	
Pasture (Other)	1979	147,600	---	---	Acre	10.00	1,476,000	
	1978	147,600	---	---	Acre	6.00	885,600	
Safflower	1979	3,800	.85	3,230	Ton	245.00	791,400	
	1978	4,100	.80	3,280	Ton	225.00	738,000	
Sugar Beets	1979	22,965	26.56	610,000	Ton	30.13	18,379,300	
	1978	22,384	23.63	529,004	Ton	27.10	14,336,000	
Wheat	1979	42,200	2.75	116,050	Ton	130.00	15,086,500	
	1978	23,300	2.20	51,260	Ton	100.00	5,126,000	
Miscellaneous	1979	(Christmas Trees, Popcorn, Rice, Screenings,						512,000
	1978	Silage, & Straw)						487,000
TOTAL	1979	314,164					\$66,117,700	
FIELD CROPS	1978	298,434					\$45,593,000	

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>
<b>Almonds</b>							
Almonds	1979	---	---	1,848	Ton	1,649.89	3,049,000
	1978	---	---	1,617	Ton	1,485.00	2,401,200
Almond Hulls	1979	---	---	2,310	Ton	37.00	85,500
	1978	---	---	2,021	Ton	30.00	60,600
Total Almonds	1979	3,361	.55	1,848	Ton		3,134,500
	1978	3,369	.48	1,617	Ton		2,461,800
<b>Apricots</b>							
Dried	1979	---	---	668	Ton	3,250.00	2,171,000
	1978	---	---	430	Ton	2,918.60	1,255,000
Fresh Market	1979	---	---	475	Ton	439.58	208,800
	1978	---	---	530	Ton	516.00	273,500
Total Apricots	1979	1,699	2.64	4,483	Ton		2,379,800
	1978	1,818	1.59	2,895	Ton		1,528,500
<b>Cherries</b>							
Barreled	1979	---	---	50	Ton	788.00	39,400
	1978	---	---	14	Ton	835.71	11,700
Fresh Market	1979	---	---	82	Ton	1,000.00	82,000
	1978	---	---	39	Ton	1,651.28	64,400
Total Cherries	1979	158	.84	132	Ton		121,400
	1978	166	.32	53	Ton		76,100
<b>Grapes, Wine</b>							
Dark Variety	1979	---	---	3,801	Ton	302.00	1,147,900
	1978	---	---	3,215	Ton	357.40	1,149,000
White Variety	1979	---	---	1,383	Ton	340.00	470,200
	1978	---	---	1,147	Ton	345.50	396,300
Total Grapes	1979	1,281	4.05	5,184	Ton		1,618,100
	1978	1,279	3.41	4,362	Ton		1,545,300
<b>Peaches (Freestone)</b>							
Dried	1979	---	---	260	Ton	1,840.00	478,400
	1978	---	---	250	Ton	1,750.00	437,500
Freezer	1979	---	---	380	Ton	130.00	49,400
	1978	---	---	---	---	---	---
Fresh Market	1979	---	---	72	Ton	380.55	27,400
	1978	---	---	95	Ton	360.00	34,200



FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE (Cont'd)

<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)								
Total Peaches	1979	599	3.79	2,270	Ton		555,200	
	1978	594	3.53	2,096	Ton		471,700	
Pears								
Canned #1	1979	---	---	19,015	Ton	164.29	3,124,000	
	1978	---	---	16,646	Ton	182.51	3,038,000	
Dried	1979	---	---	38	Ton	2,000.00	76,000	
	1978	---	---	51	Ton	1,920.00	97,900	
Fermenting Products	1979	---	---	2,365	Ton	98.56	233,100	
	1978	---	---	2,951	Ton	113.40	334,600	
Fresh Market	1979	---	---	377	Ton	448.00	168,900	
	1978	---	---	530	Ton	420.00	222,600	
Total Pears	1979	3,506	6.26	21,947	Ton		3,602,000	
	1978	3,523	5.79	20,400	Ton		3,693,100	
Plums	1979	57	.92	52	Ton	490.38	25,500	
	1978	59	1.10	65	Ton	410.77	26,700	
Prunes	1979	3,210	1.45	4,654	Ton	821.87	3,825,000	
	1978	3,269	1.28	4,184	Ton	620.00	2,594,000	
Walnuts	1979	2,059	.75	1,544	Ton	820.00	1,266,000	
	1978	1,959	.65	1,273	Ton	1,319.72	1,680,000	
Miscellaneous	1979	74	(Apples, Berries, Figs, Kiwi, Olives,					338,200
	1978	71	Oranges, Persimmons, & Black Walnuts)					135,000
TOTAL FRUIT & NUT CROPS	1979	16,004					\$16,865,700	
	1978	16,107					\$14,212,200	

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Production			Value		
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total
Alfalfa	1979	80	235.00	18,800	Lb.	1.00	18,800
	1978	85	220.00	18,700	Lb.	.95	17,800
Barley, Certified	1979	---	---	---	---	---	---
	1978	85	1.80	153	Ton	100.00	15,300
Beans (Dry), Certified	1979	55	.82	45	Ton	560.00	25,200
	1978	268	.75	201	Ton	540.00	108,500
Beans (Snap)	1979	321	.79	254	Ton	790.16	200,700
	1978	259	.74	192	Ton	720.00	138,200
Canteloupe	1979	68	376.79	25,622	Lb.	1.85	47,400
	1978	---	---	---	---	---	---
Cucumber	1979	702	357.77	251,154	Lb.	2.76	693,200
	1978	337	300.00	101,100	Lb.	3.00	303,300
Safflower	1979	493	.95	468	Ton	250.00	117,000
	1978	380	.90	342	Ton	235.10	80,400
Sunflower	1979	3,421	.67	2,292	Ton	900.00	2,062,800
	1978	594	1,375.00	816,750	Lb.	.55	449,200
Sunflower, Certified	1979	526	.70	368	Ton	950.00	349,600
	1978	554	1,375.00	761,750	Lb.	.65	495,100
Trefoil	1979	120	140.00	16,800	Lb.	2.65	44,500
	1978	120	135.00	16,200	Lb.	2.50	40,500
Watermelon	1979	99	423.23	41,900	Lb.	1.80	75,400
	1978	---	---	---	---	---	---
Wheat, Certified	1979	1,333	2.80	3,732	Ton	165.00	615,800
	1978	736	2.80	2,061	Ton	125.00	257,600
Miscellaneous	1979	1,061	(Blando Brome, Clover, Corn, Endive,				742,700
	1978	1,015	Lettuce, Onion, Peppers, Pumpkin, Squash, Tomatoes, & Vetch)				784,000
TOTAL SEED CROPS	1979	8,279					\$ 4,993,100
	1978	4,433					\$ 2,689,900

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>
Bell Pepper (Fresh)	1979	155	250.00	38,750	30 Lb.	4.00	155,000
	1978	245	500.00	122,500	30 Lb.	6.00	735,000
Bell Pepper (Processing)	1979	532	10.20	5,426	Ton	130.00	705,400
	1978	140	8.10	1,134	Ton	130.00	147,400
Cantaloupe	1979	---	---	---	---	---	---
	1978	150	210.00	31,500	54 Lb.	5.25	165,400
Radishes	1979	320	38.00	12,160	Cwt.	13.80	167,800
	1978	---	---	---	---	---	---
Sweet Corn	1979	1,330	275.00	365,750	45 Lb.	5.25	1,920,200
	1978	1,420	290.00	411,800	45 Lb.	5.00	2,059,000
Tomatoes	1979	20,051	22.25	446,135	Ton	56.70	25,296,000
	1978	15,360	22.40	344,000	Ton	53.80	18,507,000
Miscellaneous	1979	1,540	(Asparagus, Beans, Carrots, Cucumbers,				1,848,000
	1978	1,175	Herbs, Melons, Onions, Pumpkins, Squash, & Tomatoes)				1,297,000
TOTAL	1979	23,928					\$30,092,400
TRUCK CROPS	1978	18,490					\$22,910,800



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	1979	21,200	106,000	Cwt.	69.10	7,324,600
	1978	17,500	87,500	Cwt.	51.50	4,506,000
Chicken, Other	1979	35,000	---	Head	.38	13,300
	1978	37,200	---	Head	.32	11,900
Hogs & Pigs	1979	220	440	Cwt.	45.90	20,200
	1978	230	460	Cwt.	48.50	22,300
Replacement Pullets	1979	60,000	---	Head	2.21	132,600
	1978	62,800	---	Head	2.10	131,900
Sheep (Ewe)	1979	13,800	17,250	Cwt.	20.60	355,400
	1978	17,500	21,000	Cwt.	16.00	336,000
Sheep (Lamb)	1979	96,800	72,600	Cwt.	66.20	4,806,100
	1978	98,600	73,950	Cwt.	62.00	4,585,000
Turkey	1979	57,881	1,196,700	Lb.	.42	502,600
	1978	57,600	1,194,380	Lb.	.42	501,600
Miscellaneous	1979	(Ducks, Pheasants, Rabbits, Squabs, etc.)				192,000
	1978					185,000
TOTAL LIVESTOCK AND POULTRY	1979					\$13,346,800
	1978					\$10,279,700

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	1979	38,500	Lb.	.48	18,500
	1978	98,400	Lb.	.42	41,300
- Packages	1979	7,200	Lb.	6.50	46,800
	1978	6,300	Lb.	6.00	37,800
- Pollination	1979	6,500	Colony	9.00	58,500
	1978	5,275	Colony	8.00	42,200
- Queens	1979	4,200	Each	5.00	21,000
	1978	2,400	Each	5.00	12,000
- Wax	1979	---	---	---	---
	1978	250	Lb.	1.60	400
Eggs, Chicken	1979	1,280,000	Doz.	.50	640,000
	1978	1,320,000	Doz.	.46	607,200
Milk - Market	1979	138,000	Cwt.	11.27	1,555,300
	1978	141,000	Cwt.	10.21	1,439,600
- Mfg.	1979	---	---	---	---
	1978	400	Cwt.	9.50	3,800
Wool	1979	525,650	Lb.	.83	436,300
	1978	602,934	Lb.	.72	434,100
TOTAL LIVESTOCK, POULTRY AND APIARY PRODUCTS & VALUE	1979				\$ 2,776,400
	1978				\$ 2,618,400
<hr/>					
GRAND TOTAL OF ALL AGRICULTURAL PRODUCTS	1979				\$134,192,100
	1978				\$ 98,304,000

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>Truck Crops</u>	<u>Animal Production</u>	<u>Totals</u>
1969	\$20,662,700	\$ 9,628,400	\$ 888,100	\$ 8,898,900	\$ 8,982,500	\$ 49,060,600
1970	23,218,900	8,234,300	816,700	8,029,600	9,135,000	49,434,500
1971	25,002,100	7,890,100	723,800	10,653,200	8,292,100	52,561,300
1972	26,602,000	9,142,800	730,000	11,636,900	9,253,000	57,364,700
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

CLASSIFICATION OF ACREAGE

Field Crops . . . . .	141,964
Fruit & Nut Crops . . . . .	16,004
Pasture Land . . . . .	172,200
Seed Crops . . . . .	8,279
Truck Crops . . . . .	23,928

TOTAL AREA

827 Square Miles - 529,280 Acres

Estimated Total County Population - 218,500

JANUARY 1, 1980 INVENTORY OF LIVESTOCK AND POULTRY

<u>Item</u>	<u>No. of Head</u>
Cattle & Calves	
All . . . . .	50,000
Milk Cows (two years and older) . . . . .	1,200
Hens & Pullets (of laying age) . . . . .	77,000
Hogs & Pigs . . . . .	275
Horses & Mules . . . . .	3,500
Stock, Sheep, & Lambs . . . . .	95,000



MILLION DOLLAR CROPS

TOMATOES . . . . .	\$25,296,000
SUGAR BEETS . . . . .	18,379,300
WHEAT . . . . .	15,086,500
FIELD CORN . . . . .	11,132,000
CATTLE AND CALVES . . . . .	7,324,600
ALFALFA HAY . . . . .	6,640,200
SHEEP AND LAMBS . . . . .	5,161,500
PRUNES . . . . .	3,825,000
PEARS . . . . .	3,602,000
DRY BEANS . . . . .	3,587,000
ALMONDS . . . . .	3,134,500
NURSERY STOCK . . . . .	3,124,600
SUNFLOWERS . . . . .	2,412,400
APRICOTS . . . . .	2,379,800
IRRIGATED PASTURE . . . . .	1,968,000
SWEET CORN . . . . .	1,920,200
WINE GRAPES . . . . .	1,618,100
MILK . . . . .	1,555,300
PASTURE (OTHER) . . . . .	1,476,000
BARLEY . . . . .	1,388,000
WALNUTS . . . . .	1,266,000