

AGRICULTURAL CROP REPORT 1980



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

It is with a great deal of pleasure that I submit the annual crop report of agricultural production for the year 1980 in accordance with Section 2279 of the California Food and Agricultural Code. This report indicates the acreage, production, and gross value of agricultural crops produced in Solano County.

The 1980 gross value for all agricultural products was \$152,995,500. This was the highest gross value in the history of Solano County surpassing the previous high in 1979 by \$18,803,400.

Sugar beets became the leading agricultural crop in terms of gross value for a single crop with a gross value of \$23,066,000. Sugar beets increased in gross value from 1979 by \$4,686,700 due to a higher value per unit. Tomatoes, which has been the leading single crop for many years, was second in 1980 with a gross value of \$20,774,000--down \$4,522,000 from 1979 due to a decrease in acreage.

Wheat was again the leading cultivated agricultural crop in Solano County in terms of total acreage for a single crop with 51,514 acres and a gross value of \$20,653,900.

Field crops in general showed an increase of \$20,638,200 due to increased plantings and in some crops a slightly higher value per unit.

Fruit and nut crops were down \$1,084,300 from 1979 due to reduced yields of almonds, apricots, cherries, and prunes caused by rain during the bloom period. Grape yields were down due to poor growing weather. Pears showed an increase of \$1,138,300 due to increased yields. While most of the bearing acreages show a decrease from 1979, this is due to an updating of records and a changing of crops--not necessarily urbanization.

Seed crops were up \$1,534,100 from 1979 due to increased acreages of certified seed crops.

Truck crops were down \$4,559,500 due to decreased plantings of bell peppers and tomatoes. It is interesting that the yield per acre of tomatoes increased by 4.45 tons.

The gross value for livestock and poultry increased by \$1,727,600 largely due to increased production of cattle and calves although prices per unit were down from 1979.

The production of livestock, poultry, and apiary products increased \$547,300 from 1979 due to increased yields and values per unit.

In 1980 there was an addition of two crops to the million dollar crop list. They were grain hay and safflower, which brings the total to 23 crops that have gross values in excess of \$1,000,000.

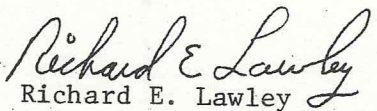
While Solano County continues to have a very viable agricultural industry, I must point out that urbanization is certainly taking its toll. My staff estimates that in the last two years Solano County has lost 3,650 acres to urbanization--970 acres of prime agricultural land and 2,680 acres of grazing land.

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 1980.

Respectfully,



Richard E. Lawley
Agricultural Commissioner

REL:np



ANNUAL CROP REPORT

GROSS VALUES 1980

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SOLANO COUNTY DEPARTMENT OF AGRICULTURE
2000 West Texas Street
Fairfield, California 94533
(707) 429-6465

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SOLANO COUNTY FRUIT AND NUT ACREAGE STATISTICS

1980

<u>Orchard Crop</u>	<u>Bearing Acreage</u>	<u>Non-Bearing Acreage</u>	<u>Total</u>
Almonds	2,970	23	2,993
Apples	8	9	17
Apricots	1,300	22	1,322
Cherries	92	28	120
Figs	5	0	5
Grapes (Wine)	1,138	142	1,280
Kiwi	20	22	42
Olives	1	0	1
Oranges	18	7	25
Peaches (Freestone)	401	2	403
Pears	3,171	106	3,277
Persimmons	2	0	2
Pistachio Nuts	7	4	11
Plums	19	0	19
Prunes	2,565	317	2,882
Tangerines	1	0	1
Walnuts (English)	1,890	519	2,409
Walnuts (Black)	1	61	62

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Production			Value			
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total	
Barley	1980	8,300	1.40	11,620	Ton	135.00	1,568,700	
	1979	8,700	1.45	12,615	Ton	110.03	1,388,000	
Beans (Dry)	1980	12,250	.95	11,638	Ton	584.04	6,797,000	
	1979	7,199	.94	6,767	Ton	530.07	3,587,000	
Field Corn	1980	25,300	3.90	98,670	Ton	140.00	13,813,800	
	1979	27,500	3.68	101,200	Ton	110.00	11,132,000	
Hay (Alfalfa)	1980	12,600	6.40	80,640	Ton	98.00	7,902,700	
	1979	12,600	6.20	78,120	Ton	85.00	6,640,200	
Hay (Grain)	1980	7,200	2.50	18,000	Ton	72.00	1,296,000	
	1979	6,900	2.00	13,800	Ton	58.00	800,400	
Hay (Grass)	1980	4,300	2.00	8,600	Ton	55.00	473,000	
	1979	3,200	1.75	5,600	Ton	48.00	268,800	
Milo	1980	2,100	2.40	5,040	Ton	132.00	665,300	
	1979	2,200	2.35	5,170	Ton	100.00	517,000	
Nursery Stock	1980	---	---	---	---	---	5,048,000	
	1979	---	---	---	---	---	3,124,600	
Oats	1980	4,300	.99	4,257	Ton	154.99	659,800	
	1979	4,700	.95	4,465	Ton	100.00	446,500	
Pasture (Irrigated)	1980	24,600	---	---	Acre	80.00	1,968,000	
	1979	24,600	---	---	Acre	80.00	1,968,000	
Pasture (Other)	1980	147,600	---	---	Acre	8.00	1,180,800	
	1979	147,600	---	---	Acre	10.00	1,476,000	
Safflower	1980	5,200	1.30	6,760	Ton	285.00	1,926,600	
	1979	3,800	.85	3,230	Ton	245.00	791,400	
Sugar Beets	1980	20,111	23.04	463,266	Ton	49.79	23,066,000	
	1979	22,965	26.56	610,000	Ton	30.13	18,379,300	
Wheat	1980	49,800	2.85	141,930	Ton	140.00	19,870,200	
	1979	42,200	2.75	116,050	Ton	130.00	15,086,500	
Miscellaneous	1980	(Silage, Straw, Screenings etc.)						520,000
	1979							512,000
TOTAL	1980	323,661					\$86,755,900	
FIELD CROPS	1979	314,164					\$66,117,700	

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	1980	401	5.52	2,214	Ton		552,400
	1979	599	3.79	2,270	Ton		555,200
Pears							
Canned #1	1980	---	---	25,179	Ton	163.99	4,129,000
	1979	---	---	19,015	Ton	164.29	3,124,000
Dried	1980	---	---	39	Ton	1,958.97	76,400
	1979	---	---	38	Ton	2,000.00	76,000
Fermenting Products	1980	---	---	4,327	Ton	75.00	324,500
	1979	---	---	2,365	Ton	98.56	233,100
Fresh Market	1980	---	---	507	Ton	415.00	210,400
	1979	---	---	377	Ton	448.00	168,900
Total Pears	1980	3,171	9.53	30,227	Ton		4,740,300
	1979	3,506	6.26	21,947	Ton		3,602,000
Plums	1980	19	1.26	24	Ton	520.83	12,500
	1979	57	.92	52	Ton	490.38	25,500
Prunes	1980	2,565	1.54	3,950	Ton	700.00	2,765,000
	1979	3,210	1.45	4,654	Ton	821.87	3,825,000
Walnuts	1980	1,890	.82	1,550	Ton	948.00	1,469,400
	1979	2,059	.75	1,544	Ton	820.00	1,266,000
Miscellaneous	1980	63	(Apples, Berries, Figs, Kiwi, Olives,				986,500
	1979	74	Oranges, Persimmons, & Black Walnuts)				338,200
TOTAL FRUIT & NUT CROPS	1980	13,609					\$15,781,400
	1979	16,004					\$16,865,700

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	1980	36	375.00	13,500	Lb.	1.27	17,100
	1979	80	235.00	18,800	Lb.	1.00	18,800
Beans (Dry), Certified	1980	203	.95	193	Ton	620.20	119,700
	1979	55	.82	45	Ton	560.00	25,200
Beans (Snap)	1980	228	.85	194	Ton	850.00	164,900
	1979	321	.79	254	Ton	790.16	200,700
Cantaloupe	1980	42	360.00	15,120	Lb.	2.35	35,500
	1979	68	376.79	25,622	Lb.	1.85	47,400
Cucumber	1980	302	520.00	157,040	Lb.	2.90	455,400
	1979	702	357.77	251,154	Lb.	2.76	693,200
Popcorn	1980	365	2.75	1,004	Ton	245.02	246,000
	1979	---	---	---	---	---	---
Safflower	1980	300	1.42	426	Ton	310.09	132,100
	1979	493	.95	468	Ton	250.00	117,000
Sunflower	1980	3,029	.73	2,211	Ton	945.00	2,089,400
	1979	3,421	.67	2,292	Ton	900.00	2,062,800
Sunflower, Certified	1980	1,039	.75	779	Ton	1,000.00	779,000
	1979	526	.70	368	Ton	950.00	349,600
Trefoil	1980	---	---	---	---	---	---
	1979	120	140.00	16,800	Lb.	2.65	44,500
Watermelon	1980	176	340.00	59,840	Lb.	3.75	224,400
	1979	99	423.23	41,900	Lb.	1.80	75,400
Wheat, Certified	1980	1,714	2.95	5,056	Ton	155.00	783,700
	1979	1,333	2.80	3,732	Ton	165.00	615,800
Miscellaneous	1980	1,994	(Cabbage, Carrot, Cauliflower, Endive,				1,480,000
	1979	1,061	Garlic, Lettuce, Onion, Pumpkin, Squash, Sudan Grass & Tomato)				742,700
TOTAL SEED CROPS	1980	9,428					\$ 6,527,200
	1979	8,279					\$ 4,993,100

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)	1980	---	---	---	---	---	---	
	1979	155	250.00	38,750	30 Lb.	4.00	155,000	
Bell Pepper (Processing)	1980	378	10.30	3,893	Ton	132.00	513,900	
	1979	532	10.20	5,426	Ton	130.00	705,400	
Radishes	1980	---	---	---	---	---	---	
	1979	320	38.00	12,160	Cwt.	13.80	167,800	
Sweet Corn	1980	1,250	270.00	337,500	45 Lb.	6.00	2,025,000	
	1979	1,330	275.00	365,750	45 Lb.	5.25	1,920,200	
Tomatoes	1980	16,311	26.70	435,504	Ton	47.70	20,774,000	
	1979	20,051	22.25	446,135	Ton	56.70	25,296,000	
Miscellaneous	1980	1,480	(Asparagus, Beans, Carrots, Cucumbers,					2,220,000
	1979	1,540	Herbs, Melons, Onions, Pumpkins, Squash, & Tomatoes)					1,848,000
TOTAL	1980	19,419					\$25,532,900	
TRUCK CROPS	1979	23,928					\$30,092,400	

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	1980	26,500	132,500	Cwt.	68.80	9,116,000
	1979	21,200	106,000	Cwt.	69.10	7,324,600
Chicken, Other	1980	36,000	---	Head	.42	15,100
	1979	35,000	---	Head	.38	13,300
Hogs & Pigs	1980	575	1,150	Cwt.	42.70	49,100
	1979	220	440	Cwt.	45.90	20,200
Replacement Pullets	1980	55,000	---	Head	3.00	165,000
	1979	60,000	---	Head	2.21	132,600
Sheep (Ewe)	1980	12,700	16,510	Cwt.	20.80	343,400
	1979	13,800	17,250	Cwt.	20.60	355,400
Sheep (Lamb)	1980	99,700	74,775	Cwt.	63.00	4,710,800
	1979	96,800	72,600	Cwt.	66.20	4,806,100
Turkey	1980	58,750	1,116,250	Lb.	.43	480,000
	1979	57,881	1,196,700	Lb.	.42	502,600
Miscellaneous	1980	(Ducks, Pheasants, Rabbits, Squabs, etc.)				195,000
	1979					192,000
TOTAL LIVESTOCK AND POULTRY	1980					\$15,074,400
	1979					\$13,346,800

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	1980	85,400	Lb.	.50	42,700
	1979	38,500	Lb.	.48	18,500
- Packages	1980	7,900	Lb.	6.00	47,400
	1979	7,200	Lb.	6.50	46,800
- Pollination	1980	6,850	Colony	12.00	82,200
	1979	6,500	Colony	9.00	58,500
- Queens	1980	4,500	Each	5.00	22,500
	1979	4,200	Each	5.00	21,000
Eggs, Chicken	1980	1,420,000	Doz.	.52	738,400
	1979	1,280,000	Doz.	.50	640,000
Milk - Market	1980	149,000	Cwt.	12.62	1,880,000
	1979	138,000	Cwt.	11.27	1,555,300
Wool	1980	638,177	Lb.	.80	510,500
	1979	525,650	Lb.	.83	436,300
TOTAL LIVESTOCK, POULTRY AND APIARY PRODUCTS & VALUE	1980				\$ 3,323,700
	1979				\$ 2,776,400
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GRAND TOTAL OF ALL AGRICULTURAL PRODUCTS	1980				\$152,995,500
	1979				\$134,192,100

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>
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
1980	86,755,900	15,781,400	6,527,200	25,532,900	18,398,100	152,995,500

CLASSIFICATION OF ACREAGE

Field Crops	151,461
Fruit & Nut Crops	13,609
Pasture Land	172,200
Seed Crops	9,428
Truck Crops	19,419

TOTAL AREA

827 Square Miles - 529,280 Acres

Estimated Total County Population - 230,228

JANUARY 1, 1981 INVENTORY OF LIVESTOCK AND POULTRY

<u>Item</u>	<u>No. of Head</u>
Cattle & Calves	
All	44,500
Milk Cows (two years and older)	1,100
Hens & Pullets (of laying age)	78,000
Hogs & Pigs	200
Horses & Mules	3,450
Stock Sheep	54,000

MILLION DOLLAR CROPS

SUGAR BEETS	23,066,000
TOMATOES	20,774,000
WHEAT	20,653,900
FIELD CORN	13,813,800
CATTLE AND CALVES	9,116,000
ALFALFA HAY	7,902,700
DRY BEANS	6,916,700
SHEEP AND LAMBS	5,054,200
NURSERY STOCK	5,048,000
PEARS	4,740,300
SUNFLOWERS	2,868,400
PRUNES	2,765,000
ALMONDS	2,157,700
SAFFLOWER	2,058,700
SWEET CORN	2,025,000
IRRIGATED PASTURE	1,968,000
MILK	1,880,000
BARLEY	1,568,700
APRICOTS	1,567,100
WALNUTS	1,469,400
WINE GRAPES	1,433,300
HAY (GRAIN)	1,296,000
PASTURE (OTHER)	1,180,800