

AGRICULTURAL CROP REPORT 1981



Solano County Department of Agriculture

100 Years

Protecting Solano County Agriculture

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

The Honorable Board of Supervisors
of the County of Solano

and

Mr. Richard Watson, County Administrator

It is with a great deal of pleasure that I submit the annual crop report of agricultural production for the year 1981 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 1981 gross value for all agricultural products was \$151,097,700--down \$1,897,800 from the 1980 record high of \$152,995,500. This reduction in gross value is due primarily to three factors: the economy, extremely hot weather in early June, and overproduction of sunflower seeds statewide in 1980.

Sugar beets were again the leading agricultural crop in terms of gross value for a single crop with a gross value of \$21,507,200--down \$1,558,800 from 1980 due to a decrease of \$16.79 per ton in price.

Tomatoes were again the second leading crop with a gross value of \$20,300,000--down \$474,000 from 1980. The yield was down 2.70 tons per acre due to the extreme heat in early June.

Wheat was again the leading cultivated agricultural crop in Solano County in terms of total acreage for a single crop with 55,600 acres and a gross value of \$20,140,500.

Field crops in general were down \$661,200 due to weather and decreased prices.

Fruit and nut crops were up \$2,094,500 from 1980 due to slightly higher yields and prices for apricots, cherries, grapes, and walnuts.

Seed crops were down \$2,842,200 due to overproduction of sunflower seeds in 1980.

Truck crops were down \$779,600 due to a reduction of sweet corn acreage and the heat damage to tomatoes.

The gross value for livestock production increased \$526,500 due to increase production of cattle and calves although prices per unit were down generally from 1980.

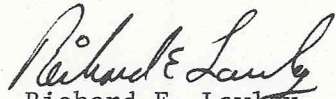
The loss of agricultural land to urbanization in 1980 almost stopped due to the economy as we only lost 150 acres of grazing land.

I must 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, Donald Haug. To these people I wish to express my appreciation for an excellent report on the gross value of agricultural production in Solano County for the year 1981.

Respectfully,



Richard E. Lawley
Agricultural Commissioner

REL:tg

ANNUAL CROP REPORT



GROSS VALUES 1981

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

1981

<u>Orchard Crop</u>	<u>Bearing Acreage</u>	<u>Non-Bearing Acreage</u>	<u>Total</u>
Almonds	2,990	18	3,008
Apples	11	6	17
Apricots	1,313	22	1,335
Cherries	98	23	121
Figs	5	0	5
Grapes (Wine)	1,140	122	1,262
Kiwi	21	21	42
Olives	1	0	1
Oranges	20	6	26
Peaches (Freestone)	451	0	451
Pears	3,289	62	3,351
Persimmons	2	0	2
Pistachio Nuts	9	2	11
Plums	19	0	19
Prunes	2,607	230	2,837
Tangerines	1	0	1
Walnuts (English)	1,995	468	2,463
Walnuts (Black)	5	56	61

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	1981	7,500	1.45	10,875	Ton	120.00	1,305,000	
	1980	8,300	1.40	11,620	Ton	135.00	1,568,700	
Beans (Dry)	1981	15,372	.94	14,450	Ton	520.00	7,514,000	
	1980	12,250	.95	11,638	Ton	584.04	6,797,000	
Field Corn	1981	32,366	3.92	126,875	Ton	118.00	14,971,300	
	1980	25,300	3.90	98,670	Ton	140.00	13,813,800	
Hay (Alfalfa)	1981	10,800	6.50	70,200	Ton	80.00	5,616,000	
	1980	12,600	6.40	80,640	Ton	98.00	7,902,700	
Hay (Grain)	1981	6,400	2.60	16,640	Ton	55.00	915,200	
	1980	7,200	2.50	18,000	Ton	72.00	1,296,000	
Hay (Grass)	1981	4,400	2.10	9,240	Ton	42.00	388,100	
	1980	4,300	2.00	8,600	Ton	55.00	473,000	
Milo	1981	1,900	2.35	4,465	Ton	105.00	468,800	
	1980	2,100	2.40	5,040	Ton	132.00	665,300	
Nursery Stock	1981	1,210	---	---	---	---	5,924,400	
	1980	1,210	---	---	---	---	5,048,000	
Oats	1981	3,500	.98	3,430	Ton	150.00	514,500	
	1980	4,300	.99	4,257	Ton	154.99	659,800	
Pasture (Irrigated)	1981	24,600	---	---	Acre	90.00	2,221,400	
	1980	24,600	---	---	Acre	80.00	1,968,000	
Pasture (other)	1981	147,550	---	---	Acre	12.00	1,770,600	
	1980	147,600	---	---	Acre	8.00	1,180,800	
Safflower	1981	4,800	.95	4,560	Ton	370.00	1,687,200	
	1980	5,200	1.30	6,760	Ton	285.00	1,926,600	
Sugar Beets	1981	25,379	25.68	651,733	Ton	33.00	21,507,200	
	1980	20,111	23.04	463,266	Ton	49.79	23,066,000	
Sunflower	1981	2,661	.78	2,076	Ton	230.00	477,500	
	1980	---	---	---	---	---	---	
Wheat	1981	55,600	2.83	157,348	Ton	128.00	20,140,500	
	1980	49,800	2.85	141,930	Ton	140.00	19,870,200	
Miscellaneous	1981	(Silage, Straw, Screenings etc.)						673,000
	1980							520,000
TOTAL	1981	344,038					\$86,094,700	
FIELD CROPS	1980	323,661					\$86,755,900	

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Production			Value			
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total	
Almonds								
Almonds (Meats)	1981	---	---	1,354	Ton	1,320.00	1,787,300	
	1980	---	---	1,250	Ton	1,651.20	2,064,000	
Almond Hulls	1981	---	---	1,693	Ton	24.80	42,000	
	1980	---	---	1,562	Ton	59.99	93,700	
Total Almonds	1981	2,990	.453	1,354	Ton	---	1,829,300	
	1980	2,970	.42	1,250	Ton	---	2,157,700	
Apricots								
Dried	1981	---	---	789	Ton	4,200.00	3,313,800	
	1980	---	---	388	Ton	3,450.00	1,338,600	
Fresh Market	1981	---	---	345	Ton	557.68	192,400	
	1980	---	---	414	Ton	551.93	228,500	
Total Apricots	1981	1,313	3.56	4,674	Ton	---	3,506,200	
	1980	1,300	1.96	2,548	Ton	---	1,567,100	
Cherries								
Barreled	1981	---	---	14	Ton	557.14	7,800	
	1980	---	---	26	Ton	430.78	11,200	
Fresh Market	1981	---	---	112	Ton	1,100.00	123,200	
	1980	---	---	86	Ton	1,000.00	86,000	
Total Cherries	1981	98	1.29	126	Ton	---	131,000	
	1980	92	1.22	112	Ton	---	97,200	
Grapes, Wine								
Dark Variety	1981	---	---	3,689	Ton	311.00	1,147,300	
	1980	---	---	3,050	Ton	298.00	908,900	
White Variety	1981	---	---	1,465	Ton	372.00	545,000	
	1980	---	---	1,494	Ton	351.00	524,400	
Total Grapes	1981	1,140	4.521	5,154	Ton	---	1,692,300	
	1980	1,138	3.99	4,544	Ton	---	1,433,300	
Kiwi	1981	21	10.52	221	Ton	1,800.00	397,800	
	1980	Shown in miscellaneous crops						
Peaches (Freestone)								
Dried	1981	---	---	345	Ton	1,940.00	669,300	
	1980	---	---	247	Ton	1,900.00	469,300	
Freezer	1981	---	---	400	Ton	120.00	48,000	
	1980	---	---	400	Ton	110.00	44,000	
Fresh Market	1981	---	---	105	Ton	460.00	48,300	
	1980	---	---	85	Ton	460.00	39,100	

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

<u>Crop</u>	<u>Year</u>	<u>Bearing Acreage</u>	<u>Production</u>			<u>Value</u>		
			<u>Per Acre</u>	<u>Total</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>	
Peaches (Cont'd)								
Total Peaches	1981	451	6.47	2,918	Ton	---	765,600	
	1980	401	5.52	2,214	Ton	---	552,400	
Pears								
Canned #1	1981	---	---	23,012	Ton	165.00	3,797,000	
	1980	---	---	25,179	Ton	163.99	4,129,000	
Dried	1981	---	---	37	Ton	1,981.00	73,300	
	1980	---	---	39	Ton	1,958.97	76,400	
Fermenting Products	1981	---	---	6,114	Ton	70.00	428,000	
	1980	---	---	4,327	Ton	75.00	324,500	
Fresh Market	1981	---	---	475	Ton	417.89	198,500	
	1980	---	---	507	Ton	415.00	210,400	
Total Pears	1981	3,289	9.06	29,798	Ton	---	4,496,800	
	1980	3,171	9.53	30,227	Ton	---	4,740,300	
Plums	1981	19	1.37	26	Ton	461.54	12,000	
	1980	19	1.26	24	Ton	520.83	12,500	
Prunes	1981	2,607	1.51	3,937	Ton	650.00	2,559,000	
	1980	2,565	1.54	3,950	Ton	700.00	2,765,000	
Walnuts	1981	1,995	.95	1,895	Ton	1,010.00	1,913,900	
	1980	1,890	.82	1,550	Ton	948.00	1,469,400	
Miscellaneous	1981	54	(Apples, Berries, Figs, Olives					572,000
	1980	63	Oranges, Persimmons, Pistachios, & Black Walnuts					986,500
TOTAL FRUIT & NUT CROPS	1981	13,977					\$17,875,900	
	1980	13,609					\$15,781,400	

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Bearing Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Alfalfa	1981	65	380.00	24,700	Lb.	1.22	30,100
	1980	36	375.00	13,500	Lb.	1.27	17,100
Beans (Dry), Certified	1981	544	.94	511	Ton	615.07	314,300
	1980	203	.95	193	Ton	620.20	119,700
Beans (Snap)	1981	---	---	---	---	---	---
	1980	228	.85	194	Ton	850.00	164,900
Canteloupe	1981	97	355.00	34,435	Lb.	2.45	84,400
	1980	42	360.00	15,120	Lb.	2.35	35,500
Cucumber	1981	480	545.00	261,600	Lb.	3.25	850,200
	1980	302	520.00	157,040	Lb.	2.90	455,400
Popcorn	1981	---	---	---	---	---	---
	1980	365	2.75	1,004	Ton	245.02	246,000
Safflower	1981	240	.95	228	Ton	370.18	84,400
	1980	300	1.42	426	Ton	310.09	132,100
Sunflower	1981	30	.80	24	Ton	941.66	22,600
	1980	3,029	.73	2,211	Ton	945.00	2,089,400
Sunflower, Certified	1981	62	.80	50	Ton	980.00	49,000
	1980	1,039	.75	779	Ton	1,000.00	779,000
Watermelon	1981	145	344.00	49,880	Lb.	3.50	174,600
	1980	176	340.00	59,840	Lb.	3.75	224,400
Wheat, Certified	1981	1,533	2.98	4,568	Ton	145.00	662,400
	1980	1,714	2.95	5,056	Ton	155.00	783,700
Miscellaneous	1981	1,897	(Brome Grass, Cabbage, Carrot, Cauliflower, Endive, Garlic, Lettuce, Onion, Pumpkin, Squash, Sudan Grass & Tomato)				1,413,000
	1980	1,994					1,480,000
TOTAL SEED CROP	1981	5,093					\$3,685,000
	1980	9,428					\$6,527,200

TRUCK CROPS: ACREAGE, PRODUCTION, AND VALUE

<u>Crop</u>	<u>Year</u>	<u>Bearing Acreage</u>	<u>Production</u>			<u>Value</u>	
			<u>Per Acre</u>	<u>Total</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
Bell Pepper (Processing)	1981	270	13.0	3,510	Ton	144.50	507,200
	1980	378	10.30	3,893	Ton	132.00	513,900
Sweet Corn	1981	762	190.00	144,780	45 Lb.	6.50	941,100
	1980	1,250	270.00	337,500	45 Lb.	6.00	2,025,000
Tomatoes	1981	16,650	24.00	399,600	Ton	50.80	20,300,000
	1980	16,311	26.70	435,504	Ton	47.70	20,774,000
Miscellaneous	1981	1,878	(Asparagus, Beans, Carrots, Cucumbers,				3,005,000
	1980	1,480	Herbs, Melons, Onions, Peppers, Pumpkins, Squash, Tomatoes, & Misc. Vegetables)				2,220,000
TOTAL	1981	19,560					\$24,753,300
TRUCK CROPS	1980	19,419					\$25,532,900

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	1981	30,900	154,500	Cwt.	63.10	9,749,000
	1980	26,500	132,500	Cwt.	68.80	9,116,000
Chicken, Other	1981	34,000	---	Head	.44	15,000
	1980	36,000	---	Head	.42	15,100
Hogs & Pigs	1981	610	1,220	Cwt.	48.77	59,500
	1980	575	1,150	Cwt.	42.70	49,100
Replacement Pullets	1981	40,000	---	Head	4.00	160,000
	1980	55,000	---	Head	3.00	165,000
Sheep (Ewe)	1981	13,200	17,820	Cwt.	16.10	286,900
	1980	12,700	16,510	Cwt.	20.80	343,400
Sheep (Lamb)	1981	105,600	79,200	Cwt.	59.00	4,672,800
	1980	99,700	74,775	Cwt.	63.00	4,710,800
Turkey	1981	56,800	1,079,200	Lb.	.41	442,500
	1980	58,750	1,116,250	Lb.	.43	480,000
Miscellaneous	1981	(Ducks, Pheasants, Rabbits, Squabs, etc.)				215,200
	1980					195,000
TOTAL LIVESTOCK AND POULTRY	1981					\$15,600,900
	1980					\$15,074,400

LIVESTOCK, POULTRY, AND APIARY PRODUCTS AND VALUE

<u>Item</u>	<u>Year</u>	<u>Production</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Value</u>	
						<u>Total</u>
Bees - Honey	1981	41,600	Lb.	.53		22,100
	1980	85,400	Lb.	.50		42,700
- Packages	1981	7,600	Lb.	6.00		45,600
	1980	7,900	Lb.	6.00		47,400
- Pollination	1981	6,280	Colony	15.00		94,200
	1980	6,850	Colony	12.00		82,200
- Queens	1981	6,200	Each	5.00		31,000
	1980	4,500	Each	5.00		22,500
Eggs, Chicken	1981	1,373,000	Doz.	.56		768,900
	1980	1,420,000	Doz.	.52		738,400
Milk - Market	1981	122,000	Cwt.	13.38		1,632,300
	1980	149,000	Cwt.	12.62		1,880,000
- Manufacturing	1981	1,900	Cwt.	12.53		23,800
	1980	---	---	---		---
Wool	1981	528,080	Lb.	.89		470,000
	1980	638,177	Lb.	.80		510,500
TOTAL LIVESTOCK, POULTRY AND APIARY PRODUCTS & VALUE	1981					\$3,087,900
	1980					\$3,323,700
GRAND TOTAL OF ALL AGRICULTURAL PRODUCTS	1981					\$151,097,700
	1980					\$152,995,500

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>
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
1981	86,094,700	17,875,900	3,685,000	24,753,300	18,688,800	151,097,700

CLASSIFICATION OF ACREAGE

Field Crops	171,888
Fruit & Nut Crops	13,977
Pasture Land.	172,150
Seed Crops	5,093
Truck Crops	19,560

TOTAL AREA

Square Miles - 827

Estimated Total County Population - 242,900

JANUARY 1, 1982 INVENTORY OF LIVESTOCK AND POULTRY

<u>Item</u>	<u>No. of Head</u>
Cattle & Calves	
All	47,000
Milk Cows (two years and older)	1,100
Hens & Pullets (of laying age).	76,000
Hogs & Pigs	200
Horses & Mules	3,550
Stock Sheep	55,000

MILLION DOLLAR CROPS

SUGAR BEETS	\$21,507,200
TOMATOES.	20,300,000
WHEAT	20,140,500
FIELD CORN	14,971,300
CATTLE AND CALVES	9,749,000
DRY BEANS	7,514,000
NURSERY STOCK	5,924,400
ALFALFA HAY	5,616,000
SHEEP AND LAMBS	4,959,700
PEARS	4,496,800
APRICOTS	3,506,200
PRUNES.	2,559,000
IRRIGATED PASTURE	2,221,400
WALNUTS	1,913,900
ALMONDS	1,829,300
PASTURE (OTHER)	1,770,600
GRAPES	1,692,300
SAFFLOWER	1,687,200
MILK.	1,656,100
BARLEY	1,305,000