

# AGRICULTURAL CROP REPORT 1982



**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

It is with a great deal of pleasure that I submit the annual crop report of agricultural production for the year 1982 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 gross value for all agricultural products was \$137,897,700 -- down \$13,200,000 from 1981. This reduction in gross value is due primarily to three factors: the economy, weather (both an extremely wet winter and spring plus early rains in August, September, and October), and lower prices received by the growers on most commodities.

Field corn became the leading agricultural crop both in terms of gross value for a single crop with a gross value of \$20,161,000 and the leading cultivated agricultural crop with 55,600 acres.

Tomatoes were again the second leading crop with a gross value of \$18,096,400 -- down \$2,203,600. Harvested acreage was down 2,800 acres due to the wet spring and fall.

Sugar beets went from the leading agricultural crop in terms of gross value to third with a gross value of \$17,359,000 -- down \$4,148,200 from 1981 due to the extremely wet spring and fall.

Field crops in general were down \$10,034,600 due to the wet weather and decreased prices.

Fruit and nut crops were down \$2,902,900 due to the wet spring, which caused decreased yields.

Seed crops were down \$971,500 due to the wet spring and fall and decreased prices for most commodities.

Truck crops were down \$471,300 due to the weather.

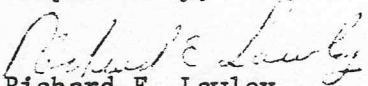
The gross value for livestock production increased \$391,000 due to increased production of cattle and calves although prices per unit were down except for hogs and pigs.

The state of the economy has virtually stopped any new urbanization of agricultural land.

I 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 individuals who have provided the information and records necessary to compile this report.

Respectfully,

  
Richard E. Lawley  
Agricultural Commissioner

REL:np

ANNUAL CROP REPORT



GROSS VALUES 1982

STATE DIRECTOR OF FOOD AND AGRICULTURE  
Clare Berryhill

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This Agricultural Crop Report is dedicated to Donald R. Haug, Assistant Agricultural Commissioner of the Solano County Agricultural Commissioner's Office.

Don is retiring on June 30, 1983, after 30 years with the Solano County Department of Agriculture, during the last 15 years of which one of his responsibilities has been directing the compiling of the Annual Crop Report.

Don began his career as an Agricultural Biologist I in April of 1953 and worked in the Vallejo area. He was promoted to Agricultural Biologist II in December of 1956 and to Senior Agricultural Biologist in February of 1962. In June of 1966 Don was promoted to Deputy Agricultural Commissioner and then to Assistant Agricultural Commissioner in December of 1976.

Don will be dearly missed by the members of the Agricultural Commissioner's Office and the growers of Solano County.

Don is to be commended for his 30 years of dedicated service to the citizens of Solano County and to Solano County's agriculture.

Don will spend his retirement hunting, fishing, and working on the home ranch in Pope Valley.

Don and his wife Helen reside in Fairfield and have three daughters and four grandchildren.

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SOLANO COUNTY FRUIT AND NUT ACREAGE STATISTICS  
1982

<u>Orchard Crop</u>	<u>Bearing Acreage</u>	<u>Non-Bearing Acreage</u>	<u>Total</u>
Almonds	3,007	1	3,008
Apples	16	119	135
Apricots	1,330	0	1,330
Cherries	98	23	121
Figs	5	0	5
Grapes (Wine)	1,164	103	1,267
Kiwi	21	56	77
Olives	1	0	1
Oranges	20	6	26
Peaches (Freestone)	447	2	449
Pears	3,248	26	3,274
Persimmons	2	0	2
Pistachio Nuts	9	2	11
Plums	19	0	19
Prunes	2,722	94	2,816
Tangerines	1	0	1
Walnuts (English)	2,139	316	2,455
Walnuts (Black)	10	51	61

FIELD 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>
Barley	1982	8,100	1.35	10,935	Ton	104.98	1,148,000
	1981	7,500	1.45	10,875	Ton	120.00	1,305,000
Beans (Dry)	1982	11,500	.85	9,775	Ton	325.00	3,177,000
	1981	15,372	.94	14,450	Ton	520.00	7,514,000
Field Corn	1982	55,600	3.70	205,720	Ton	98.00	20,161,000
	1981	32,366	3.92	126,875	Ton	118.00	14,971,300
Hay (Alfalfa)	1982	10,100	6.80	68,680	Ton	90.00	6,181,000
	1981	10,800	6.50	70,200	Ton	80.00	5,616,000
Hay (Grain)	1982	6,800	3.10	21,080	Ton	55.98	1,180,000
	1981	6,400	2.60	16,640	Ton	55.00	915,200
Hay (Grass)	1982	4,500	2.00	9,000	Ton	40.00	360,000
	1981	4,400	2.10	9,240	Ton	42.00	388,100
Milo	1982	4,200	2.38	9,996	Ton	90.00	899,600
	1981	1,900	2.35	4,465	Ton	105.00	468,800
Nursery Stock	1982	1,260	---	---	---	---	5,272,000
	1981	1,210	---	---	---	---	5,924,400
Oats	1982	2,400	.96	2,304	Ton	120.00	276,500
	1981	3,500	.98	3,430	Ton	150.00	514,500
Pasture (Irrigated)	1982	24,600	---	---	Acre	100.00	2,460,000
	1981	24,600	---	---	Acre	90.00	2,221,400
Pasture (other)	1982	147,500	---	---	Acre	12.00	1,770,000
	1981	147,550	---	---	Acre	12.00	1,770,600
Safflower	1982	8,500	1.10	9,350	Ton	240.00	2,244,000
	1981	4,800	.95	4,560	Ton	370.00	1,687,200
Sugar Beets	1982	19,906	25.11	499,840	Ton	34.73	17,359,000
	1981	25,379	25.68	651,733	Ton	33.00	21,507,200
Sunflower	1982	1,600	.65	1,040	Ton	225.00	234,000
	1981	2,661	.78	2,076	Ton	230.00	477,500
Wheat	1982	39,500	2.65	104,675	Ton	122.00	12,770,000
	1981	55,600	2.83	157,348	Ton	128.00	20,140,500
Miscellaneous	1982						568,000
	1981						673,000
							(Silage, straw, Screenings, etc.)
TOTAL	1982	346,066					\$76,060,100
FIELD CROPS	1981	344,038					\$86,094,700

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 (Meats)	1982	---	---	920	Ton	1,740.00	1,600,800
	1981	---	---	1,354	Ton	1,320.00	1,787,300
Almond Hulls	1982	---	---	1,334	Ton	20.02	26,700
	1981	---	---	1,693	Ton	24.80	42,000
Total Almonds	1982	3,007	.306	920	Ton	---	1,627,500
	1981	2,990	.453	1,354	Ton	---	1,829,300
<b>Apricots</b>							
Dried	1982	---	---	648	Ton	4,400.00	2,851,200
	1981	---	---	789	Ton	4,200.00	3,313,800
Fresh Market	1982	---	---	529	Ton	720.04	380,900
	1981	---	---	345	Ton	557.68	192,400
Total Apricots	1982	1,330	3.080	4,096	Ton	---	3,232,100
	1981	1,313	3.560	4,674	Ton	---	3,506,200
<b>Cherries</b>							
Barreled	1982	---	---	---	---	---	---
	1981	---	---	14	Ton	557.14	7,800
Fresh Market	1982	---	---	103	Ton	1,600.00	164,800
	1981	---	---	112	Ton	1,100.00	123,200
Total Cherries	1982	98	1.051	103	Ton	---	164,800
	1981	98	1.290	126	Ton	---	131,000
<b>Grapes, Wine</b>							
Dark Variety	1982	---	---	3,148	Ton	250.00	787,000
	1981	---	---	3,689	Ton	311.00	1,147,300
White Variety	1982	---	---	2,412	Ton	268.99	648,800
	1981	---	---	1,465	Ton	372.00	545,000
Total Grapes	1982	1,164	4.777	5,560	Ton	---	1,435,800
	1981	1,140	4.521	5,154	Ton	---	1,692,300
<b>Kiwi</b>							
Kiwi	1982	21	11.000	231	Ton	1,500.00	346,500
	1981	21	10.520	221	Ton	1,800.00	397,800
<b>Peaches (Freestone)</b>							
Dried	1982	---	---	212	Ton	2,130.19	451,600
	1981	---	---	345	Ton	1,940.00	669,300
Freezer	1982	---	---	385	Ton	129.89	50,000
	1981	---	---	400	Ton	120.00	48,000
Fresh Market	1982	---	---	90	Ton	500.00	45,000
	1981	---	---	105	Ton	460.00	48,300

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

<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>	
Peaches (Cont'd)								
Total Peaches	1982	447	4.383	1,959	Ton	---	546,600	
	1981	451	6.470	2,918	Ton	---	765,600	
Pears								
Canned #1	1982	---	---	17,612	Ton	134.00	2,360,000	
	1981	---	---	23,012	Ton	165.00	3,797,000	
Dried	1982	---	---	15	Ton	2,060.00	30,900	
	1981	---	---	37	Ton	1,981.00	73,300	
Fermenting Products	1982	---	---	3,061	Ton	70.00	214,300	
	1981	---	---	6,114	Ton	70.00	428,000	
Fresh Market	1982	---	---	582	Ton	380.07	221,200	
	1981	---	---	475	Ton	417.89	198,500	
Total Pears	1982	3,248	6.572	21,345	Ton	---	2,826,400	
	1981	3,289	9.060	29,798	Ton	---	4,496,800	
Plums	1982	19	1.260	24	Ton	650.00	15,600	
	1981	19	1.370	26	Ton	461.54	12,000	
Prunes	1982	2,722	1.300	3,539	Ton	659.99	2,335,700	
	1981	2,607	1.510	3,937	Ton	650.00	2,559,000	
Walnuts	1982	2,139	1.000	2,139	Ton	1,113.98	2,382,800	
	1981	1,995	.950	1,895	Ton	1,010.00	1,913,900	
Miscellaneous	1982	74					59,200	
	1981	54					72,000	
			(Apples, Berries, Figs, Olives Oranges, Persimmons, Pistachios, & Black Walnuts)					
TOTAL FRUIT & NUT CROPS	1982	14,269					\$14,973,000	
	1981	13,977					\$17,875,900	



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	1982	95	400.00	38,000	Lb.	1.15	43,700
	1981	65	380.00	24,700	Lb.	1.22	30,100
Beans (Dry), Certified	1982	141	.85	120	Ton	480.00	57,600
	1981	544	.94	511	Ton	615.07	314,300
Canteloupe	1982	30	550.00	16,500	Lb.	2.10	34,700
	1981	97	355.00	34,435	Lb.	2.45	84,400
Cucumber	1982	212	360.00	76,320	Lb.	2.50	190,800
	1981	480	545.00	261,600	Lb.	3.25	850,200
Popcorn	1982	191	2.50	478	Ton	250.00	119,500
	1981	---	---	---	---	---	---
Safflower	1982	988	1.00	988	Ton	260.00	256,900
	1981	240	.95	228	Ton	370.18	84,400
Sunflower	1982	---	---	---	---	---	---
	1981	30	.80	24	Ton	941.66	22,600
Sunflower, Certified	1982	475	.65	309	Ton	1,100.00	339,900
	1981	62	.80	50	Ton	980.00	49,000
Watermelon	1982	70	400.00	28,000	Lb.	2.20	61,600
	1981	145	344.00	49,880	Lb.	3.50	174,600
Watermelon, Certified	1982	17	460.00	7,820	Lb.	3.00	23,500
	1981	---	---	---	---	---	---
Wheat, Certified	1982	1,285	2.80	3,598	Ton	150.00	539,700
	1981	1,533	2.98	4,568	Ton	145.00	662,400
Miscellaneous	1982	1,413	(Brome Grass, Cabbage, Carrot,				1,045,600
	1981	1,897	Cauliflower, Endive, Garlic, Lettuce, Oats, Onion, Pumpkin, Squash, Sudan Grass, & Tomato)				1,413,000
TOTAL SEED CROP	1982	4,917					\$2,713,500
	1981	5,093					\$3,685,000

TRUCK 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>
Asparagus	1982	550	.65	358	Ton	1,300.00	465,400
	1981	- Shown in Miscellaneous Crops					
Bell Pepper	1982	217	11.00	2,387	Ton	141.02	336,600
(Processing)	1981	270	13.00	3,510	Ton	144.50	507,200
Sweet Corn	1982	1,464	260.00	380,640	45 Lb.	7.25	2,759,600
	1981	762	190.00	144,780	45 Lb.	6.50	941,100
Tomatoes	1982	13,850	23.50	325,475	Ton	55.60	18,096,400
	1981	16,650	24.00	399,600	Ton	50.80	20,300,000
Miscellaneous	1982	1,640	(Beans, Carrots, Cucumbers, Herbs,				2,624,000
	1981	1,878	Melons, Onions, Peppers, Pumpkins, Squash, Tomatoes, & Misc. Vegetables)				3,005,000
TOTAL	1982	17,721					\$24,282,000
TRUCK CROPS	1981	19,560					\$24,753,300

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	1982	34,500	172,500	Cwt.	61.25	10,565,600
	1981	30,900	154,500	Cwt.	63.10	9,749,000
Chicken, Other	1982	32,500	---	Head	.35	11,400
	1981	34,000	---	Head	.44	15,000
Hogs & Pigs	1982	625	1,250	Cwt.	58.24	72,800
	1981	610	1,220	Cwt.	48.77	59,500
Replacement Pullets	1982	42,000	---	Head	4.00	168,000
	1981	40,000	---	Head	4.00	160,000
Sheep (Ewe)	1982	12,900	17,415	Cwt.	17.00	296,100
	1981	13,200	17,820	Cwt.	16.10	286,900
Sheep (Lamb)	1982	103,500	77,625	Cwt.	56.00	4,347,000
	1981	105,600	79,200	Cwt.	59.00	4,672,800
Turkey	1982	42,500	807,500	Lb.	.39	314,900
	1981	56,800	1,079,200	Lb.	.41	442,500
Miscellaneous	1982	(Ducks, Pheasants, Rabbits, Squabs, etc.)				216,100
	1981					215,200
TOTAL LIVESTOCK AND POULTRY	1982					\$15,991,900
	1981					\$15,600,900

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	1982	62,250	Lb.	.58	36,100
	1981	41,600	Lb.	.53	22,100
- Packages	1982	5,400	Lb.	7.00	37,800
	1981	7,600	Lb.	6.00	45,600
- Pollination	1982	5,882	Colony	16.00	94,100
	1981	6,280	Colony	15.00	94,200
- Queens	1982	7,700	Each	6.00	46,200
	1981	6,200	Each	5.00	31,000
Eggs, Chicken	1982	1,365,000	Doz.	.52	709,800
	1981	1,373,000	Doz.	.56	768,900
Milk - Market	1982	202,000	Cwt.	13.22	2,670,000
	1981	122,000	Cwt.	13.38	1,632,300
- Manufacturing	1982	---	---	---	---
	1981	1,900	Cwt.	12.53	23,800
Wool	1982	435,680	Lb.	.65	283,200
	1981	528,080	Lb.	.89	470,000
TOTAL LIVESTOCK, POULTRY AND APIARY PRODUCTS & VALUE	1982				\$3,877,200
	1981				\$3,087,900
GRAND TOTAL OF ALL AGRICULTURAL PRODUCTS	1982				\$137,897,700
	1981				\$151,097,700

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>
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
1982	76,060,100	14,973,000	2,713,500	24,282,000	19,869,100	137,897,700

CLASSIFICATION OF ACREAGE

Field Crops . . . . .	173,966
Fruit & Nut Crops . . . . .	15,058
Pasture Land . . . . .	172,100
Seed Crops . . . . .	4,917
Truck Crops . . . . .	17,721

TOTAL AREA

Square Miles - 827

Estimated Total County Population - 250,031

JANUARY 1, 1983 INVENTORY OF LIVESTOCK AND POULTRY

<u>Item</u>	<u>No. of Head</u>
Cattle & Calves	
All . . . . .	45,000
Milk Cows (two years and older) . . . . .	1,300
Hens & Pullets (of laying age) . . . . .	75,000
Hogs & Pigs . . . . .	200
Horses & Mules . . . . .	3,600
Stock Sheep . . . . .	53,400

MILLION DOLLAR CROPS

FIELD CORN	. . . . .	\$20,161,000
TOMATOES	. . . . .	18,096,400
SUGAR BEETS	. . . . .	17,359,000
WHEAT	. . . . .	12,770,000
CATTLE AND CALVES	. . . . .	10,565,600
ALFALFA HAY	. . . . .	6,181,000
NURSERY STOCK	. . . . .	5,272,000
SHEEP AND LAMBS	. . . . .	4,643,100
APRICOTS	. . . . .	3,232,100
DRY BEANS	. . . . .	3,177,000
PEARS	. . . . .	2,826,400
SWEET CORN	. . . . .	2,759,600
MILK	. . . . .	2,670,000
IRRIGATED PASTURE	. . . . .	2,460,000
WALNUTS	. . . . .	2,382,800
PRUNES	. . . . .	2,335,700
SAFFLOWER	. . . . .	2,244,000
PASTURE (OTHER)	. . . . .	1,770,000
ALMONDS	. . . . .	1,627,500
GRAPES	. . . . .	1,435,800
HAY (GRAIN)	. . . . .	1,180,000
BARLEY	. . . . .	1,148,000