

AGRICULTURAL CROP REPORT 1978



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 1978, 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 1978 was \$98,303,900. This is a decrease of \$1,891,500 from 1977.

Tomatoes continue to be the leading agricultural crop in Solano County with a gross value of \$18,507,000. Tomatoes decreased in gross value from 1977 by \$11,078,000, which is due to less planted acreage and reduced yields. This decrease in gross value, of course, accounts for the decrease in total gross value for all agricultural products.

Field corn continues to be the leading cultivated agricultural crop in Solano County in terms of total acres with 28,700 acres and a gross value of \$10,360,700.

Fruit and nut crops were up approximately \$2,536,100 due to increased values for almonds, grapes, pears, prunes, walnuts, and nursery stock--although apricots and peaches showed a decrease in yield.

Field crops showed an increase of \$1,882,300 largely due to the increase in the value of field corn.

Seed crops increased by \$1,050,500 due to increased plantings.

Truck crops decreased by \$9,641,500 due to the reduced plantings and yields of tomatoes. This decrease in tomato planting was largely due to the extremely wet spring in 1978 but will, in all probability, stay decreased because of economic problems within the tomato industry.

The gross value for livestock and poultry increased by \$2,043,700 due to increased values for cattle and calves and sheep. 4,800 less head of cattle and calves were sold, and yet the gross value increased \$1,161,000. The sheep industry has made an outstanding recovery from the drought years.


I must emphasize that this report represents gross values of agricultural products and does not reflect any net return to the producer.

I believe that Solano County will continue to have a sound agricultural industry, largely due to its dedicated, hardworking agriculturalists.

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 sincere appreciation for an excellent report on the gross values of agricultural production in Solano County.

Respectfully,


Richard E. Lawley
Agricultural Commissioner

REL:kk



ANNUAL CROP REPORT

GROSS VALUES 1978

STATE DIRECTOR OF FOOD AND AGRICULTURE

RICHARD ROMINGER

SOLANO COUNTY BOARD OF SUPERVISORS

Larry Asera, Chairman

Richard Brann

Jan Hewitt

Wallace Brazelton

COUNTY ADMINISTRATOR

David Balmer

SOLANO COUNTY DEPARTMENT OF AGRICULTURE

2000 West Texas Street

Fairfield, California 94533

(707) 429-6465

AGRICULTURAL COMMISSIONER

Richard E. Lawley

ASSISTANT COMMISSIONER

Donald Haug

AGRICULTURAL BIOLOGIST III

Mack Cody

Eric Eastin

Lenny DaMassa

Emil Hogan

John DeHoop

Joseph Mraz

John Donahue

John Okpiz

AGRICULTURAL BIOLOGIST II

Frank Caruso

Gary Silveria

William Newell

AGRICULTURAL BIOLOGIST I

Nicholas Surjan

SECRETARY

Nancy Page

TYPIST CLERK II

Karen Knoppel

TABLE OF CONTENTS

Page

Solano County Fruit and Nut Acreage Statistics	1
Field Crops: Acreage, Production, and Value	2
Fruit and Nut Crops: Acreage, Production, and Value	3
Seed Crops: Acreage, Production, and Value	5
Truck Crops: Acreage, Production, and Value	6
Livestock and Poultry: Production and Value	7
Livestock, Poultry, and Apiary Products and Value	8
Grand Total of All Agricultural Products	8
Summary	9
Million Dollar Crops	10

SOLANO COUNTY FRUIT AND NUT ACREAGE STATISTICS
1978

<u>Orchard Crop</u>	<u>Bearing Acreage</u>	<u>Non-Bearing Acreage</u>	<u>Total</u>
Almonds	3,369	147	3,516
Apples	4	7	11
Apricots	1,818	10	1,828
Cherries	166	7	173
Figs	12	0	12
Grapes (Wine)	1,279	24	1,303
Kiwi	16	4	20
Olives	1	0	1
Oranges	18	0	18
Peaches (Freestone)	594	68	662
Pears	3,523	140	3,663
Persimmons	3	0	3
Pistachio Nuts	2	9	11
Plums	59	0	59
Prunes	3,269	212	3,481
Tangerines	1	0	1
Walnuts (English)	1,959	372	2,331
Walnuts (Black)	14	52	66

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Production			Value			
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total	
Barley	1978	12,600	1.52	19,152	Ton	\$ 95.00	\$ 1,819,400	
	1977	12,400	1.50	18,600	Ton	90.00	1,674,000	
Beans (Dry)	1978	5,750	.95	5,462	Ton	410.00	2,239,400	
	1977	6,955	.97	6,746	Ton	455.00	3,069,400	
Field Corn	1978	28,700	3.80	109,060	Ton	95.00	10,360,700	
	1977	25,800	3.75	96,750	Ton	87.00	8,417,200	
Hay (Alfalfa)	1978	12,500	6.30	78,750	Ton	55.00	4,332,000	
	1977	12,300	6.20	76,260	Ton	60.00	4,575,600	
Hay (Grain)	1978	6,800	1.75	11,900	Ton	35.00	416,500	
	1977	5,400	1.50	8,100	Ton	45.00	364,500	
Hay (Grass)	1978	2,900	1.50	4,350	Ton	30.00	130,500	
	1977	2,800	1.30	3,640	Ton	40.00	145,600	
Milo	1978	2,400	2.80	6,720	Ton	88.00	591,400	
	1977	1,700	2.00	3,400	Ton	80.00	272,000	
Nursery Stock	1978	---	---	---	---	---	1,701,500	
	1977	---	---	---	---	---	1,370,000	
Oats	1978	4,800	.98	4,704	Ton	98.00	461,000	
	1977	3,200	.75	2,400	Ton	140.00	336,000	
Pasture (Irrigated)	1978	24,600	---	---	Acre	80.00	1,968,000	
	1977	24,600	---	---	Acre	75.00	1,845,000	
Pasture (Other)	1978	147,600	---	---	Acre	6.00	885,600	
	1977	149,600	---	---	Acre	4.00	598,400	
Safflower	1978	4,100	.80	3,280	Ton	225.00	738,000	
	1977	1,950	1.00	1,950	Ton	220.00	429,000	
Sugar Beets	1978	22,384	23.63	529,004	Ton	27.10	14,336,000	
	1977	22,002	27.65	608,355	Ton	24.13	14,680,000	
Wheat	1978	23,300	2.20	51,260	Ton	100.00	5,126,000	
	1977	24,700	2.70	66,690	Ton	85.00	5,669,000	
Miscellaneous	1978	(Christmas Tree, Screenings, Silage, and Straw)						487,000
	1977							265,000
TOTAL FIELD CROPS	1978	298,434					\$45,593,000	
	1977	293,407					\$43,710,700	

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>
Almonds							
Almonds	1978	---	---	1,617	Ton	\$1,485.00	\$ 2,401,200
	1977	---	---	1,935	Ton	850.00	1,644,700
Almond Hulls	1978	---	---	2,021	Ton	30.00	60,600
	1977	---	---	2,418	Ton	19.00	45,900
Total Almonds	1978	3,369	.48	1,617	Ton		2,461,800
	1977	3,395	.57	1,935	Ton		1,690,600
Apricots							
Dried	1978	---	---	430	Ton	2,918.60	1,255,000
	1977	---	---	725	Ton	2,400.00	1,740,000
Fresh Market	1978	---	---	530	Ton	516.00	273,500
	1977	---	---	645	Ton	340.00	219,300
Total Apricots	1978	1,818	1.59	2,895	Ton		1,528,500
	1977	2,133	2.17	4,629	Ton		1,959,300
Cherries							
Barreled	1978	---	---	14	Ton	835.71	11,700
	1977	---	---	8	Ton	425.00	3,400
Fresh Market	1978	---	---	39	Ton	1,651.28	64,400
	1977	---	---	68	Ton	1,000.00	68,000
Total Cherries	1978	166	.32	53	Ton		76,100
	1977	146	.52	76	Ton		71,400
Grapes, Wine							
Dark Variety	1978	---	---	3,215	Ton	357.40	1,149,000
	1977	---	---	3,085	Ton	340.03	1,049,000
White Variety	1978	---	---	1,147	Ton	345.50	396,300
	1977	---	---	1,152	Ton	292.00	336,400
Total Grapes	1978	1,279	3.41	4,362	Ton		1,545,300
	1977	1,130	3.75	4,237	Ton		1,385,400
Peaches							
Canned	1978	---	---	---	---	---	---
	1977	---	---	407	Ton	95.00	38,700
Dried	1978	---	---	250	Ton	1,750.00	437,500
	1977	---	---	368	Ton	1,660.00	610,900
Fresh Market	1978	---	---	95	Ton	360.00	34,200
	1977	---	---	52	Ton	280.00	14,600
Total Peaches	1978	594	3.53	2,096	Ton		471,700
	1977	559	5.43	3,035	Ton		664,200

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>
Pears							
Canned #1	1978	---	---	16,646	Ton	\$ 182.51	\$ 3,038,000
	1977	---	---	21,003	Ton	120.00	2,520,400
Canned #2	1978	---	---	---	---	---	---
	1977	---	---	983	Ton	80.00	78,600
Dried	1978	---	---	51	Ton	1,920.00	97,900
	1977	---	---	44	Ton	1,320.00	58,100
Fermenting Products	1978	---	---	2,951	Ton	113.40	334,600
	1977	---	---	---	---	---	---
Fresh Market	1978	---	---	530	Ton	420.00	222,600
	1977	---	---	390	Ton	295.00	115,000
Total Pears	1978	3,523	5.79	20,400	Ton		3,693,100
	1977	3,458	6.54	22,615	Ton		2,772,100
Plums	1978	59	1.10	65	Ton	410.77	26,700
	1977	59	.71	42	Ton	405.00	17,000
Prunes	1978	3,269	1.28	4,184	Ton	620.00	2,594,000
	1977	3,227	1.23	3,970	Ton	526.00	2,088,200
Walnuts	1978	1,959	.65	1,273	Ton	1,319.72	1,680,000
	1977	1,939	.70	1,357	Ton	700.00	949,900
Miscellaneous	1978	71	(Apples, Berries, Figs, Kiwi, Olives,				135,000
	1977	108	Oranges, Persimmons, & Black Walnuts)				78,000
TOTAL FRUIT & NUT CROPS	1978	16,107					\$14,212,200
	1977	16,154					\$11,676,100

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE

Crop	Year	Production			Value		
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total
Alfalfa	1978	85	220.00	18,700	Lb.	\$.95	\$ 17,800
	1977	110	100.00	11,000	Lb.	1.10	12,100
Barley, Certified	1978	85	1.80	153	Ton	100.00	15,300
	1977	---	---	---	---	---	---
Beans (Dry), Certified	1978	268	.75	201	Ton	540.00	108,500
	1977	327	1.00	327	Ton	525.08	171,700
Beans (Snap)	1978	259	.74	192	Ton	720.00	138,200
	1977	---	---	---	---	---	---
Cucumber	1978	337	300.00	101,100	Lb.	3.00	303,300
	1977	225	325.00	73,125	Lb.	2.10	153,600
Oats, Certified	1978	---	---	---	---	---	---
	1977	120	.80	96	Ton	160.42	15,400
Safflower	1978	380	.90	342	Ton	235.10	80,400
	1977	235	1.00	235	Ton	260.00	61,100
Sunflower	1978	594	1,375.00	816,750	Lb.	.55	449,200
	1977	532	1,525.00	811,300	Lb.	.55	446,200
Sunflower, Certified	1978	554	1,375.00	761,750	Lb.	.65	495,100
	1977	---	---	---	---	---	---
Trefoil	1978	120	135.00	16,200	Lb.	2.50	40,500
	1977	60	140.00	8,400	Lb.	1.50	12,600
Wheat, Certified	1978	736	2.80	2,061	Ton	125.00	257,600
	1977	927	3.00	2,781	Ton	120.00	333,700
Miscellaneous	1978	1,015	(Cantaloupe, Clover, Corn, Onion, Pumpkin,				784,000
	1977	577	Squash, Tomato, & Watermelon)				433,000
TOTAL SEED CROPS	1978	4,433					\$ 2,689,900
	1977	3,113					\$ 1,639,400

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)	1978	245	500.00	122,500	30 Lb.	\$ 6.00	\$ 735,000	
	1977	---	---	---	---	---	---	
Bell Pepper (Processing)	1978	140	8.10	1,134	Ton	130.00	147,400	
	1977	200	10.66	2,132	Ton	141.23	301,100	
Cantaloupe	1978	150	210.00	31,500	54 Lb.	5.25	165,400	
	1977	---	---	---	---	---	---	
Sweet Corn	1978	1,420	290.00	411,800	45 Lb.	5.00	2,059,000	
	1977	1,375	275.00	378,125	45 Lb.	4.90	1,852,800	
Tomatoes	1978	15,360	22.40	344,000	Ton	53.80	18,507,000	
	1977	20,600	25.60	527,360	Ton	56.10	29,585,000	
Miscellaneous	1978	1,175	(Asparagus, Beans, Carrots, Cucumbers,					1,297,000
	1977	1,050	Herbs, Melons, Onions, Pumpkins, Squash, & Tomatoes)					765,000
TOTAL	1978	18,490					\$22,910,800	
TRUCK CROPS	1977	23,305					\$32,552,300	

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	1978	17,500	87,500	Cwt.	\$51.50	\$ 4,506,000
	1977	22,300	89,200	Cwt.	37.50	3,345,000
Chicken, Other	1978	37,200	---	Head	.32	11,900
	1977	36,500	---	Head	.30	11,000
Hogs & Pigs	1978	230	460	Cwt.	48.50	22,300
	1977	250	525	Cwt.	40.95	21,500
Replacement Pullets	1978	62,800	---	Head	2.10	131,900
	1977	95,200	---	Head	2.30	219,200
Sheep (Ewe)	1978	17,500	21,000	Cwt.	16.00	336,000
	1977	20,000	34,000	Cwt.	13.00	442,000
Sheep (Lamb)	1978	98,600	73,950	Cwt.	62.00	4,585,000
	1977	87,500	65,625	Cwt.	54.09	3,550,000
Turkey	1978	57,600	1,194,380	Lb.	.42	501,600
	1977	58,300	1,198,100	Lb.	.39	467,300
Miscellaneous	1978	(Ducks, Pheasants, Rabbits, Squabs, etc.)				185,000
	1977					180,000
TOTAL LIVESTOCK AND POULTRY	1978					\$10,279,700
	1977					\$ 8,236,000

LIVESTOCK, POULTRY, AND APIARY PRODUCTS AND VALUE

Value

<u>Item</u>	<u>Year</u>	<u>Production</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
Bees - Honey	1978	98,400	Lb.	\$.42	\$ 41,300
	1977	85,200	Lb.	.41	35,000
- Packages	1978	6,300	Lb.	6.00	37,800
	1977	5,800	Lb.	4.50	26,100
- Pollination	1978	5,275	Colony	8.00	42,200
	1977	4,660	Colony	7.00	32,600
- Queens	1978	2,400	Each	5.00	12,000
	1977	1,500	Each	4.53	6,800
- Wax	1978	250	Lb.	1.60	400
	1977	780	Lb.	1.80	1,400
Eggs, Chicken	1978	1,320,000	Doz.	.46	607,200
	1977	1,290,000	Doz.	.49	632,100
Milk - Market	1978	141,000	Cwt.	10.21	1,439,600
	1977	132,000	Cwt.	9.72	1,283,000
- Mfg.	1978	400	Cwt.	9.50	3,800
	1977	2,020	Cwt.	7.79	15,700
Wool	1978	602,934	Lb.	.72	434,100
	1977	512,086	Lb.	.68	348,200
TOTAL LIVESTOCK, POULTRY AND APIARY PRODUCTS & VALUE	1978				\$ 2,618,400
	1977				\$ 2,380,900

GRAND TOTAL OF ALL AGRICULTURAL PRODUCTS	1978				\$ 98,303,900
	1977				\$100,195,400

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>
1968	\$19,276,800	\$10,895,100	\$ 949,500	\$14,115,600	\$ 9,820,800	\$ 55,057,800
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	98,303,900

CLASSIFICATION OF ACREAGE

Field Crops	126,234
Fruit & Nut Crops	17,159
Pasture Land	172,200
Seed Crops	4,433
Truck Crops	18,490

TOTAL AREA

827 Square Miles - 529,280 Acres

Estimated Total County Population - 208,300

JANUARY 1, 1979 INVENTORY OF LIVESTOCK AND POULTRY

<u>Item</u>	<u>No. of Head</u>
Cattle & Calves	
All	36,000
Milk Cows (two years and older)	1,200
Hens & Pullets (of laying age)	78,000
Hogs & Pigs	300
Horses & Mules	3,500
Stock, Sheep, & Lambs	86,500

MILLION DOLLAR CROPS

TOMATOES	\$18,507,000
SUGAR BEETS	14,336,000
FIELD CORN	10,360,700
WHEAT	5,126,000
SHEEP AND LAMBS	4,921,000
CATTLE AND CALVES	4,506,000
ALFALFA HAY	4,332,000
PEARS	3,693,100
PRUNES	2,594,000
ALMONDS	2,461,800
DRY BEANS	2,239,400
SWEET CORN	2,059,000
IRRIGATED PASTURE	1,968,000
BARLEY	1,819,400
NURSERY STOCK	1,701,500
WALNUTS	1,680,000
WINE GRAPES	1,545,300
APRICOTS	1,528,500
MILK	1,443,400