

county of fresno



DEPARTMENT OF AGRICULTURE

Cosmo C. Insalaco

~~Richard E. Rominger~~

Agricultural Commissioner

Ronald Atmajian

Assistant Agricultural Commissioner

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

The Honorable Board of Supervisors
County of Fresno

Sharon Levy, Chairman
Harry Huey Willard H. Johnson
Bruce Bronzan John R. Donaldson
Allan H. Colman
County Administrative Officer

I am pleased to submit the 1979 Agricultural Crop and Livestock Report for the acreage, production, and value of agricultural crops and products in Fresno County.

1979 represents the largest gross returns in our history, \$1,719,235,500 again exceeding one billion dollars in crop and livestock production for the fifth consecutive year.

The values published in this report represent gross figures only and not net income to the growers.

I sincerely appreciate the professional work performed by Supervising Agricultural Biologist, L. V. Hawley; Agricultural Biologist III, Tye T. Hafner; and the entire staff of the Agricultural Commissioner's Office for the preparation of this report.

I would like to thank the many individuals, related agencies and members of the agricultural industry for their contributions in the compilation of this report.

Respectfully submitted,

Cosmo C. Insalaco
Agricultural Commissioner

"The glory of the farmer is that, in the division of labors, it is his part to create. All trade rests at last on his primitive activity. He stands close to Nature; he obtains from the earth the bread and the meat. The food which was not, he causes to be. The first farmer was the first man, and all historic nobility rests on possession and use of land.

"Then the beauty of Nature, the tranquillity and innocence of the countryman, his independence and his pleasing arts -- the care of bees, of poultry, of sheep, of cows, the dairy, the care of hay, of fruits, of orchards and forests, and the reaction of these on the workman, in giving him a strength and plain dignity like the face and manners of Nature -- all men acknowledge."

Ralph Waldo Emerson.

The Cover . . .

Courtesy of Bill Fischer, Farm Advisor,
University of California Cooperative Extension
Fresno County Farm and Home Advisors Office

1979 IN RETROSPECT

Fresno County continues to lead the nation in gross cash receipts paid to growers and far exceeds the gross returns of many entire states in the nation. Fresno County comprises some 6,000 square miles with a cropland inventory of 1,190,975 acres. There are in excess of 6,800 farms; the average size is slightly in excess of 300 acres. Soil types range from clays through sands to coarse sandy loams. Soil depths range from less than one foot to in excess of 50 feet. Water availability varies depending on location and may include pump and surface water.

1979 was generally a very good year for Fresno County growers. Weather conditions were uneventful with adequate precipitation. Insect and pest disease problems were well within or less than expected incidence levels, and adequate irrigation water was available. Prices and demand were generally good. Raisin growers (natural sun dried) experienced considerable recovery from the 1978 rain damage disaster. Cotton growers also generally showed profit making yields as they were thankfully relieved of the season-long cultural problems of 1978. Some depressed prices occurred in red wine variety grapes in 1979 with individual losses recorded. However, the over-all wine grape returns were good.

The 1979 gross returns paid to growers represents a 38.5% increase over 1978, or \$478,286,400.

FIELD CROPS: Gross value increased \$253,580,500. Cotton returns were up 102%. Yield was up 73% over 1978. Wheat acreage increased by 17,500 acres or 206%. Alfalfa hay value increased 104%. Barley yield was up 61% over 1978; the value increased \$10,841,000 even considering an acreage decrease of 36,000 acres.

SEED CROPS: Gross value increased 80%. Seed alfalfa gross value increased 85% and reflected the majority of the increase.

VEGETABLE CROPS: Gross value decreased by 7%. This was due mostly to reduced returns for cantaloupe and head lettuce. Cantaloupes were down \$7,596,000 and head lettuce down \$28,685,000. Processing tomatoes were up 33% in returns.

FRUIT AND NUT CROPS: Gross value increased by 30%. This was due primarily to the increase in production and returns for grapes of \$123,658,000 over 1978. Almonds increased in value by 169% or \$26,168,000. Tree fruit generally reflected a decrease in returns to growers. Peaches, however, showed an increase in value over 1978 due to higher yield. Plums decreased by \$12,051,000.

NURSERY PRODUCTS: Gross value increased 25%.

LIVESTOCK AND POULTRY: Gross value increased 32% reflecting the generally improved economic conditions. Cattle and calves increased 40%.

Poultry was up 23%.

LIVESTOCK AND POULTRY PRODUCTS: Gross value increased 14% of which milk reflected an increase of \$9,903,000. Chicken eggs increased \$520,000 in value, but decreased 4% in production.

APIARY PRODUCTS AND POLLINATION SERVICES: Gross value increase of 22%. Honey production decreased 5%. Pollination services increased 31% in value, or \$894,200.

FRESNO COUNTY'S 10 LEADING CROPS

<u>Crop</u>	<u>1979 Rank</u>	<u>1979 Dollar Value</u>	<u>1978 Rank</u>	<u>1977 Rank</u>	<u>1969 Rank</u>
Grapes	1	\$ 412,043,000	1	1	1
Cotton	2	388,638,000	2	2	3
Cattle & Calves	3	142,729,000	3	4	2
Poultry	4	99,979,000	4	3	7
Tomatoes	5	84,520,000	6	6	12
Milk	6	77,840,000	5	5	6
Alfalfa Hay	7	52,020,000	14	9	5
Oranges	8	43,673,000	9	8	14
Almonds	9	41,617,000	16	16	24
Peaches	10	34,297,000	12	12	10

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE - 1979

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Barley	1979	173,000	2.05	355,000	ton	\$ 105.00	\$ 37,275,000
	1978	209,000	1.27	265,000	ton	99.75	26,434,000
Beans, dry	1979	10,100	.87	8,790	ton	449.00	3,947,000
	1978	8,360	.71	5,940	ton	422.00	2,507,000
Corn	1979	8,000	2.80	22,400	ton	133.00	2,979,000
	1978	17,000	2.36	40,100	ton	109.50	4,391,000
Cotton Lint	1979	430,000	1117a/	1,001,000b/	bale	.675c/	337,838,000
	1978	390,000	647a/	526,000	bale	.63 c/	165,690,000
Cotton Seed	1979			400,000	ton	127.00	50,800,000
	1978			210,000	ton	125.00	26,250,000
Hay							
Alfalfa ^{d/}	1979	85,000	7.20	612,000	ton	85.00	52,020,000
	1978	82,500	5.45	450,000	ton	56.60	25,470,000
Other	1979	7,950	2.00	15,900	ton	41.00	652,000
	1978	9,800	1.80	17,600	ton	41.00	722,000
Pasture and Range							
Alfalfa ^{e/} stubble	1979	68,000			acre	7.00	476,000
	1978	65,000			acre	9.00	585,000
Barley and Wheat stubble ^{e/}	1979	49,800			acre	3.20	159,000
	1978	56,000			acre	2.50	140,000
Misc. ^{e/} stubble	1979	8,000			acre	3.20	26,000
	1978	8,600			acre	3.40	29,200
Irrigated Pasture	1979	40,000			acre	100.00	4,000,000
	1978	40,000			acre	100.00	4,000,000
Native Range	1979	1,040,000			acre	5.00	5,200,000
	1978	1,090,000			acre	5.00	5,450,000
Rice	1979	14,700	2.65	39,000	ton	180.00	7,020,000
	1978	13,000	1.95	25,400	ton	152.80	3,881,000
Safflower	1979	16,400	1.19	19,500	ton	254.00	4,953,000
	1978	13,000	1.13	14,700	ton	234.00	3,440,000
Screenings	1979			6,000	ton	30.00	180,000
	1978			2,010	ton	30.00	60,300

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE - 1979 (continued)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Silage							
Corn	1979	10,000	24.00	240,000	ton	\$ 16.00	\$ 3,840,000
	1978	13,200	17.00	224,000	ton	16.50	3,696,000
Sorghum	1979	1,450	18.00	26,100	ton	16.50	431,000
	1978	1,600	16.50	26,400	ton	16.50	436,000
Other	1979	2,700	15.00	40,500	ton	15.00	608,000
	1978	3,300	13.00	42,900	ton	13.00	558,000
Sorghum Grain	1979	3,900	3.50	13,600	ton	108.00	1,469,000
	1978	4,200	1.75	7,350	ton	85.00	625,000
Straw	1979			4,700	ton	28.00	132,000
	1978			5,300	ton	20.50	109,000
Sugar Beets	1979	20,000	28.18	564,000	ton	29.00	16,356,000
	1978	13,560	26.54	360,000	ton	25.50	9,180,000*
Wheat	1979	26,000	2.55	66,300	ton	135.00	8,950,000
	1978	8,500	1.90	16,200	ton	110.25	1,786,000
Other ^{f/}	1979	1,736					212,000
	1978	3,580					503,000
Total	1979	1,890,936					\$539,523,000
	1978	1,920,600*					285,942,500*

a/ Pounds of lint per acre

b/ 480 pounds net weight bales

c/ Price per pound, 500 pound bales

d/ Includes bales, cubes and green chop

e/ Not included in total acreage figures

f/ Includes oats and soybeans

*Revised

SEED CROPS: ACREAGE, PRODUCTION AND VALUE - 1979

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Alfalfa Certified	1979	40,000	490	19,600,000	lb.	\$ 1.30	\$ 25,480,000
	1978	37,500	330	12,375,000	lb.	1.25	15,469,000
Alfalfa Non-Certified	1979	15,000	460	6,900,000	lb.	1.20	8,280,000
	1978	8,000	300	2,400,000	lb.	1.15	2,760,000
Total All Alfalfa Seed	1979	55,000		26,500,000	lb.		33,760,000
	1978	45,500		14,775,000	lb.		18,229,000
Barley Certified	1979	2,650	3,725	9,871,000	lb.	.053	523,000
	1978	3,900	2,630	10,257,000	lb.	.056	574,000
Barley Non-Certified	1979	1,000	3,050	3,050,000	lb.	.050	152,000
	1978	1,000	2,400	2,400,000	lb.	.050	120,000
Cotton ^{a/}	1979	11,600		8,708,000	lb.	.070	610,000 ^{b/}
	1978	13,200		11,708,000	lb.	.064	898,000
Vegetable ^{c/}	1979	1,180					1,860,000
	1978	670					484,000
Other ^{d/}	1979	6,950					2,089,000
	1978	<u>4,500</u>					<u>1,374,000</u>
Total	1979	66,780					\$38,994,000
	1978	55,570					21,679,000

a/ Not included in total acreage for "Seed Crops"

b/ Includes \$17 per acre approval on 8,748 acres

c/ Cantaloupe, carrot, eggplant, lettuce, onion, pepper, snap bean, squash, tomato and watermelon

d/ Certified and non-certified blackeye cowpeas, certified lima beans, certified and non-certified oats, certified and non certified rice, non-certified safflower, certified and non-certified wheat

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE - 1979

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Beans	1979	1,510	2.2	3,320	ton	\$ 182	\$ 604,000
Snap	1978	1,300	2.5	3,250	ton	269	874,000
Chinese Vegetables ^{a/}	1979	432	13.1	5,660	ton	258	1,460,000
	1978	547	10.2	5,580	ton	194	1,083,000
Cucumbers	1979	100	11.2	1,120	ton	321	360,000
	1978	200	10.6	2,120	ton	375	795,000
Eggplant	1979	150	6.6	990	ton	462	457,000
	1978	100	4.4	440	ton	455	200,000
Garlic	1979	3,070	6.0	18,400	ton	306	5,630,000
	1978	2,730	4.8	13,100	ton	276	3,616,000
Lettuce							
Head							
Spring	1979	3,725	15.7	58,500	ton	115	6,728,000
	1978	3,620	19.7	71,300	ton	500	35,650,000
Fall	1979	4,800	12.0	57,600	ton	135	7,776,000
	1978	5,270	9.6	50,600	ton	149	7,539,000
Leaf	1979	100	8.5	850	ton	315	268,000
	1978	261	7.3	1,900	ton	192	365,000
Melons							
Cantaloupes	1979	22,900	7.7	176,000	ton	174	30,624,000
	1978	25,100	7.8	196,000	ton	195	38,220,000
Cranshaw	1979	193	5.6	1,080	ton	284	307,000
	1978	210	8.0	1,680	ton	255	428,000
Honeydew	1979	915	7.0	6,400	ton	167	1,069,000
	1978	1,440	6.7	9,650	ton	153	1,476,000
Watermelons	1979	190	9.0	1,710	ton	65	111,000
	1978	300	10.0	3,000	ton	80	240,000

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE - 1979 (continued)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Onions							
Dry							
Fresh	1979	1,187	15.3	18,200	ton	\$ 205	\$ 3,731,000
	1978	871	6.3	5,490	ton	188	1,032,000
Processed	1979	3,587	18.9	67,800	ton	56	3,797,000
	1978	2,450	14.5	35,500	ton	56	1,988,000
Green	1979	200	13.5	2,700	ton	444	1,199,000
	1978	270	11.3	3,050	ton	400	1,220,000
Peppers							
Bell	1979	260	5.2	1,350	ton	433	585,000
	1978	556	6.0	3,340	ton	430	1,436,000
Chili	1979	330	2.5	825	ton	774	639,000
Fresh	1978	350	3.0	1,050	ton	700	735,000
Radishes	1979	300	3.8	1,140	ton	267	304,000
	1978	330	4.5	1,480	ton	240	355,000
Spinach	1979	950	8.1	7,700	ton	67	516,000
Processed ^{b/}							
Squash							
Summer	1979	350	11.5	4,020	ton	341	1,371,000
	1978	212	10.3	2,180	ton	328	715,000
Winter	1979	94	6.0	560	ton	282	158,000
	1978	89	6.0	534	ton	282	151,000
Sweet Potatoes/ Yams	1979	1,473	10.5	15,500	ton	210	3,255,000
	1978	1,000	8.3	8,300	ton	250	2,075,000
Tomatoes							
Fresh							
Cherry	1979	444	15.0	6,660	ton	502	3,343,000
	1978	475	10.5	4,990	ton	460	2,295,000
Regular	1979	2,450	15.4	37,700	ton	362	13,647,000
	1978	2,780	13.2	36,700	ton	332	12,184,000
Processed	1979	41,630	28.6	1,191,000	ton	56.7	67,530,000
	1978	36,900	25.6	945,000	ton	53.8	50,841,000

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE - 1979 (continued)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Other Vegetables ^{c/}	1979	7,544				\$	7,315,000
	1978	<u>7,313</u>					<u>8,004,000</u>
Total	1979	98,884					\$162,784,000
	1978	94,825					173,725,000

^{a/} Includes bitter melon, bok choy, daikon, dunqua, gai choy, gobo, lo bak, moqua, napa, and sinqua

^{b/} Not reported separately in the 1978 Crop Report

^{c/} Includes alfalfa sprouts, asparagus, bean sprouts, beets, broccoli, cabbage, cauliflower, chili peppers (processed), cucumbers (hothouse), cucumbers (lemon), eggplant (Japanese), endive, escarole, greens (collard, mustard, and turnip), leeks, lima beans (processed), lettuce (shredding), melon balls (frozen), melons (Casaba, Persians, Santa Claus and Canary), mushrooms, parsley, peas, pumpkins, sugar cane, sun chokes, sweet corn, Swiss chard, taro root, tomatoes (hothouse), turnips

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE - 1979

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Almonds	1979	23,433	.56	13,100	ton	\$ 3,100	\$ 40,610,000
	1978	21,217	.24	5,090	ton	2,925	14,888,000
Almond Hulls	1979			21,900	ton	46	1,007,000
	1978			10,200	ton	55	561,000
Apricots	1979	240	8.56	2,050	ton	627	1,285,000
	1978	238	6.60	1,570	ton	761	1,195,000
Avocados	1979	280	1.08	302	ton	901	272,000
	1978	265	2.05	543	ton	553	300,000
Boysenberries	1979	255	2.78	709	ton	1,300	922,000
	1978	191	4.27	816	ton	1,430	1,667,000
Citrus							
Lemons	1979	812	7.18				
	1978	798	10.53				
Fresh	1979			3,900	ton	498	1,942,000
	1978			5,780	ton	238	1,376,000
Processed	1979			1,900	ton	70	133,000
	1978			2,620	ton	16	41,900
Oranges							
Navel	1979	15,476	8.25				
	1978	15,383	9.70				
Fresh	1979			84,800	ton	379	32,139,000
	1978			115,000	ton	284	32,660,000
Processed	1979			42,900	ton	40	1,716,000
	1978			34,300	ton	15	514,000
Valencia	1979	3,351	10.87				
	1978	3,356	9.03				
Fresh	1979			23,300	ton	382	8,901,000
	1978			21,900	ton	301	6,592,000
Processed	1979			13,100	ton	70	917,000
	1978			8,420	ton	76	640,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE - 1979 (continued)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Citrus (continued)							
Other ^{a/}	1979	726	7.16				
	1978	679	6.30				
Fresh	1979			3,700	ton	\$ 292	\$ 1,080,000
	1978			3,660	ton	286	1,047,000
Processed	1979			1,500	ton	25	37,500
	1978			617	ton	92	56,800
Figs - Dried	1979	7,442	.65	4,840	ton	1,460	7,066,000
	1978	8,561	.49	4,190	ton	1,327	5,560,000*
Grapes							
Raisin Varieties	1979	146,095	9.21				
	1978	145,570	7.12				
Canned	1979			13,600	ton	225	3,060,000
	1978			11,800	ton	212	2,502,000
Crushed	1979			335,000	ton	150	50,250,000
	1978			439,000	ton	148	64,972,000
Dried	1979			218,400	ton ^{b/}	1,150	251,160,000
	1978			83,800	ton	1,550	129,890,000
Fresh	1979			56,400	ton	630	35,532,000
	1978			42,100	ton	640	26,944,000
Table Varieties	1979	5,819	7.71				
	1978	6,286	7.80				
Crushed	1979			17,800	ton	133	2,367,000
	1978			23,300	ton	122	2,843,000
Fresh	1979			27,100	ton	626	16,965,000
	1978			25,700	ton	610	15,677,000
Wine Varieties	1979	35,745	8.75				
	1978	36,184	7.82				
Crushed	1979			295,000	ton	156	46,020,000
	1978			272,000	ton	140	38,080,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE - 1979 (continued)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Wine Varieties (continued)							
Fresh	1979			17,800	ton	\$ 375	\$ 6,675,000
	1978			10,900	ton	348	3,793,000
Grapes Total	1979	187,659					412,029,000
	1978	188,040					288,371,000
Nectarines	1979	8,823	11.31	99,800	ton	364	36,327,000
	1978	7,751	10.09	78,200	ton	491	38,396,000
Olives	1979	1,598	1.87	2,990	ton	375	1,121,000
	1978	1,620	3.04	4,920	ton	226	1,112,000
Peaches							
Clingstone	1979	1,562	17.53	27,400	ton	162	4,439,000
	1978	1,515	12.92	19,600	ton	143	2,803,000
Freestone	1979	7,753	11.39				
	1978	7,050	10.58				
Fresh	1979			79,200	ton	361	28,591,000
	1978			63,700	ton	411	26,181,000
Processed	1979			9,050	ton	140	1,267,000
	1978			10,900	ton	88	959,000
Peaches Total	1979	9,315					34,297,000
	1978	8,565					29,943,000
Pears and Apple Pears	1979	144	8.43	1,210	ton	820	992,000
	1978	145	8.05	1,170	ton	382	447,000*
Pecans	1979	173	.80	138	ton	2,400	331,000
	1978	136	.45	61	ton	2,300	140,000
Persimmons	1979	49	6.30	309	ton	1,012	313,000
	1978	49	5.57	273	ton	973	266,000
Pistachio Nuts ^{C/}	1979	201	.40	80	ton	3,200	256,000
Plums	1979	11,170	7.37	82,300	ton	477	39,257,000
	1978	10,294	7.85	80,800	ton	635	51,308,000
Pomegranates	1979	901	3.33	3,000	ton	539	1,617,000
	1978	855	4.62	3,950	ton	452	1,785,000*
Prunes-Dried ^{C/}	1979	410	3.60	1,480	ton	822	1,217,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE - 1979 (continued)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Strawberries	1979	160	9.00	1,440	ton	\$ 710	\$ 1,022,000
	1978	164	9.92	1,630	ton	685	1,117,000
Walnuts	1979	3,568	1.16	4,140	ton	933	3,863,000
	1978	3,569	1.06	3,780	ton	1,160	4,385,000
Miscellaneous ^{d/}	1979	152					961,000
	1978	<u>774</u>					<u>2,203,000*</u>
Total	1979	276,338					\$631,630,500
	1978	272,650*					486,571,700*

^{a/} Includes blood oranges, grapefruit, mandarins, tangerines, and tangelos

^{b/} Dried tons

^{c/} Included in "Miscellaneous" in 1978

^{d/} Includes apples, dried apricots, cherries, fresh figs, substandard figs, dried nectarines, ollalieberries, kiwi, olive oil, dried peaches, processed plums, quince

*Revised

NURSERY PRODUCTS: PRODUCTION AREA, SALES AND VALUE - 1979

Item	Year	Production Area Acres	Quantity Sold by Producers	Unit	Value
Herbaceous Ornamentals ^{a/}	1979	16	786,000	<u>b/</u>	\$ 424,000
	1978	22	570,000		504,000
Ornamental Trees and Shrubs ^{c/}	1979	83	1,045,000	plants	2,313,000
	1978	67	664,000		1,643,000
Other Nursery Crops ^{d/}	1979	60			1,608,000
	1978	<u>124</u>			<u>1,328,000</u>
Total	1979	159			\$4,345,000
	1978	213			3,475,000

a/ Includes cut flowers and cut greens, potted plants, bedding plants and herbaceous perennials

b/ Includes flats, dozens, cans, and single plants

c/ Includes Christmas trees

d/ Includes flower seeds, grape rootings, turf grass, and vegetable plants

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE - 1979

Item	Year	Production			Value	
		No. of Head	Total Liveweight	Unit	Per Unit	Total
Cattle and Calves						
Beef						
Breeding Stock						
Common	1979	1,680		head	\$ 525.00	\$ 882,000
	1978	1,670		head	450.00	752,000
Registered	1979	490		head	908.00	445,000
	1978	480		head	900.00	432,000
Feeders	1979	116,000	234,000	cwt.	74.40	17,410,000
	1978	129,000	260,000	cwt.	54.25	14,105,000
Calves	1979	29,400	135,000	cwt.	76.70	10,354,000
	1978	19,600	90,200	cwt.	52.20	4,708,000
Slaughter Stock						
From Feed Lots	1979	260,000	1,221,000 ^{a/}	cwt.	66.50	81,196,000
	1978	255,000	1,198,000	cwt.	50.33	60,295,000
From Other Sources	1979	5,208	45,900	cwt.	49.80	2,286,000
	1978	6,400	56,400	cwt.	44.48	2,509,000
Dairy						
Breeding Stock	1979	9,515		head	1,310.00	12,465,000
	1978	8,650		head	910.00	7,872,000
Cull Stock	1979	14,700	218,000	cwt.	47.60	10,377,000
	1978	12,700	188,000	cwt.	34.00	6,392,000
Calves	1979	42,400	106,000	cwt.	69.00	7,314,000
	1978	37,700	94,200	cwt.	50.00	4,710,000
Sheep and Lambs						
Slaughter Stock						
Lambs	1979	69,300	65,800	cwt.	66.60	4,382,000
	1978	49,200	46,700	cwt.	60.90	2,844,000
Sheep	1979	16,800	23,500	cwt.	21.20	498,000
	1978	2,600	3,640	cwt.	16.60	60,400

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE - 1979 (continued)

Item	Year	Production			Value	
		No. of Head	Total Liveweight	Unit	Per Unit	Total
Hogs and Pigs						
Breeding Stock	1979	230		head	\$ 190.00	\$ 43,700
	1978	260		head	139.00	36,100
Feeder Pigs and Slaughter Stock	1979	18,500	38,900	cwt.	45.90	1,786,000
	1978	22,100	42,800	cwt.	50.19	2,148,000
Horses and Mules						
Recreational and Working Stock	1979	1,042		head	750.00	782,000
	1978	1,840		head	620.00	1,141,000
Poultry						
Chickens ^{b/}	1979	48,054,000		each	.741	35,608,000
	1978	42,380,000		each	.820	34,752,000
Turkeys	1979	5,382,000	107,645,000	lb.	.510	54,899,000
	1978	4,254,000	86,101,000	lb.	.443	38,143,000
Turkey Poults	1979	11,990,000		each	.790	9,472,000
	1978	11,174,000		each	.750	8,380,000
Miscellaneous ^{c/}	1979					83,600
	1978					144,000
Total	1979					\$250,283,300
	1978					189,423,500

a/ Net feed lot gain

b/ Includes broilers, fryers, breeders, chicks, pullets, old hens and old roosters

c/ Includes chuckars, earthworms, fish, goats, pheasants, pigeons and rabbits

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE - 1979

Crop	Year	Production	Unit	Value	
				Per Unit	Total
Milk					
Manufacturing	1979	67,700	cwt.	\$ 10.60	\$ 718,000
	1978	47,000	cwt.	9.60	451,000
Market	1979	6,923,000	cwt.	11.14	77,122,000
	1978	6,715,000	cwt.	10.05	67,486,000
Wool	1979	836,000	lb.	.89	744,000
	1978	769,000	lb.	.73	561,000
Eggs					
Chicken ^{a/}	1979	10,263,000	dozen	.646	6,630,000
	1978	10,644,000	dozen	.574	6,110,000
Turkey Hatching	1979	4,735,000	each	.398	1,885,000
	1978	5,144,000	each	.360	1,852,000
Total	1979				\$87,099,000
	1978				76,460,000

a/ Includes market eggs and hatching eggs

JANUARY 1 INVENTORIES OF LIVESTOCK AND POULTRY (In Number of Head)

<u>Item</u>	<u>January 1, 1980</u>	<u>January 1, 1979</u>
Cattle and Calves		
All	372,000	380,000
Dairy and Beef Cows	100,000	84,500
Cattle on Feed	113,000	109,000
Stock Sheep and Lambs	110,000	98,000
Goats	600	600
Hogs and Pigs	9,000	12,200
Horses	16,700	16,900
Poultry		
Hens and Pullets of Laying Age	329,000	362,000
Chicken and Turkey Breeder Hens	391,000	254,000

APIARY PRODUCTS AND POLLINATION SERVICES: PRODUCTION AND VALUE - 1979

Item	Year	Production Total	Unit	Value	
				Per Unit	Total
<u>Apiary Products^{a/}</u>					
Honey	1979	1,468,000	lb.	\$.49	\$ 719,000
	1978	1,684,000	lb.	.45	758,000
Beeswax	1979	28,300	lb.	1.78	50,400
	1978	50,800	lb.	1.68	85,300
<u>Pollination^{b/}</u>					
<u>Seed Crops</u>					
Alfalfa	1979	133,000	colony	14.93	1,986,000
	1978	113,000	colony	12.94	1,462,000
Other ^{c/}	1979	1,690	colony	12.00	20,300
	1978	6,940	colony	11.25	78,100
Tree Fruit ^{d/}	1979	98,000	colony	13.82	1,354,000
	1978	60,000	colony	12.23	734,000
Cantaloupes	1979	35,300	colony	12.67	447,000
	1978	54,000	colony	11.83	639,000
Total	1979				\$4,576,700
	1978				3,756,400

a/ Reflects only the bees registered in Fresno County by commercial and semi-commercial beekeepers; 1979 - 32,890 colonies; 1978 - 31,926 colonies

b/ Reflects value of pollination by all bee colonies located in Fresno County for pollination services during 1979. Estimated total colonies: 172,111

c/ Cucumbers, onion seed, carrot seed, vegetable seed and other truck crops

d/ Almonds, cherries, plums

Growth of Fresno County Agriculture as Indicated by Gross Value
of Agricultural Products Over a Span of Twenty-One Years

1959 -	\$390,211,120	1970 -	\$ 474,706,000*
1960 -	388,802,520	1971 -	507,930,000
1961 -	385,091,740	1972 -	559,307,000*
1962 -	413,572,210	1973 -	828,682,000*
1963 -	423,206,000	1974 -	967,350,000
1964 -	443,088,000	1975 -	1,026,356,000*
1965 -	438,253,000	1976 -	1,178,373,000*
1966 -	452,926,000	1977 -	1,110,424,200*
1967 -	438,753,000*	1978 -	1,241,033,100*
1968 -	462,659,000	1979 -	1,719,235,500
1969 -	458,014,000		

SIX YEAR COMPARISON STUDY OF GROSS CROP VALUES IN FRESNO COUNTY

	1959	1969	1976	1977	1978	1979
Field Crops	\$162,923,520	\$119,648,000	\$426,163,000*	\$309,253,000*	\$285,942,500*	\$539,523,000
Seed Crops	12,980,830	8,968,000	22,205,000*	22,046,000	21,679,000	38,994,000
Vegetable Crops	22,387,770	41,613,000	170,079,000*	139,249,000*	173,725,000	162,784,000
Fruit and Nut Crops	127,063,560	186,000,000	340,640,000*	422,306,200*	486,571,700*	631,630,500
Nursery Products	489,100	762,000	2,724,000	3,158,000	3,475,000	4,345,000
Livestock and Poultry	64,118,280	100,544,000	213,956,000*	211,720,000*	265,883,500	337,382,300
Apiary	<u>248,060</u>	<u>479,000</u>	<u>2,606,000</u>	<u>2,692,000</u>	<u>3,756,400</u>	<u>4,576,700</u>
Grand Total	\$390,211,120	\$458,014,000	\$1,178,373,000*	\$1,110,424,200*	\$1,241,033,100*	\$1,719,235,500

*Revised