

County of



Department of Agriculture

**Two  
Billion  
Dollars**

Cosmo C. Insalaco  
Agricultural Commissioner

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

The Honorable Board of Supervisors  
County of Fresno

Bruce Bronzan, Chairman  
Harry Huey Sharon Levy  
Willard H. Johnson Jeff Reich  
Allan H. Colman  
County Administrative Officer

I am pleased to submit the 1980 Agricultural Crop and Livestock Report for the acreage, production, and value of agricultural crops and products in Fresno County.

1980 represents the largest gross returns in our history, \$2,002,318,900. This also establishes a record. It is the first time in a one-year period the gross returns have exceeded two billion dollars.

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

I sincerely appreciate the professional and dedicated work performed by Supervising Agricultural Biologist L. V. Hawley, Agricultural Biologists Tye T. Hafner and Leilani De Manty, and the staff of the Agricultural Commissioner's Office for the preparation of this report.

My thanks to 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 ...*

*"He is the continuous benefactor. He who digs a well, constructs a stone fountain, plants a grove of trees by the roadside, plants an orchard, builds a durable house, reclaims a swamp, or so much as puts a stone seat by the wayside, makes the land so far lovely and desirable, makes a fortune which he cannot carry away with him, but which is useful to his country long afterwards."*

*Ralph Waldo Emerson*

*The Cover . . .*

*Stan Hutchison Ranch, Minkler, California  
Photograph by Richard Kassabian  
Fresno County Department of Agriculture*

## 1980 IN RETROSPECT

1980 was a record year for Fresno County agriculture. Gross returns paid to growers exceeded two billion dollars for the first time. The \$2,002,318,900 income represents an increase of \$283,083,400 or 16.5% over 1979.

Forty-seven of the top fifty crops statewide are produced commercially in Fresno County. Agriculture continues as the major factor in the economic strength of Fresno County and reflects a multiplier effect in excess of five billion dollars generated to the total economy.

**FIELD CROPS:** Gross value increased \$96,194,000 or 18%. Cotton returns were up \$54,428,000 or 14%, reflecting a 23% increase in lint price. Yield was down slightly by 3.5%. Alfalfa hay returns were up \$7,635,000 or 15% reflecting a 14% increase in price. Wheat returns were up \$23,656,000 or 264% reflecting an increase of 59,300 acres or 228%. Sugar beet returns were up \$14,218,000 or 87% reflecting a price increase of 67%. Barley returns were down \$10,515,000 or 28% reflecting a decrease in acreage of 67,000 or 39%.

**SEED CROPS:** Gross value increased \$4,635,000 or 12%. Seed Alfalfa returns were up \$3,585,000 or 11% reflecting mostly yield increase of 10%.

**VEGETABLE CROPS:** Gross value increased \$23,788,000 or 15%. Processing tomatoes returns decreased \$16,777,000 or 25% reflecting a decrease of 6,750 acres or 16% and price decrease of 16%. Cantaloupe returns increased \$15,296,000 or 50% reflecting an increase in yield and price of 18% each. Head lettuce returns were up \$17,831,000 or 123% due mostly to a price increase of 89%.

**FRUIT AND NUT CROPS:** Gross value increased \$120,835,900 or 19%. Grapes increased \$66,188,000 or 16% reflecting an increase of \$18,840,000; a 7.5% increase in raisins due mostly to a production increase of 6,600 tons or 3%. Table grapes increased \$6,261,000 or 37%. Wine grapes increased \$8,088,000 or 17.5% due mostly to a production increase of 13%. Plums increased \$23,849,000 or 61% reflecting acreage increase of 1,082 acres, a price increase of 46%. Nectarines increased \$13,632,000 or 37.5% reflecting acreage increase of 1,013 acres and price increase of 17%. Oranges increased \$3,536,000 or 8%. Peaches increased \$5,813,000 or 17%.

**NURSERY PRODUCTS:** Gross value decreased \$416,000 or 10%.

**LIVESTOCK AND POULTRY:** Gross value increased \$18,530,600 or 7.4%. Turkeys increased \$17,749,000 or 32% and reflects the major increase. Cattle and calves decreased \$2,718,000 or 2% due mostly to lower prices.

**LIVESTOCK AND POULTRY PRODUCTS:** Gross value increased \$18,303,000 or 21%. Milk increased \$18,248,000 or 23% reflecting increased price and production of 11% each. Manure included for the first time was valued at \$1,120,000.

**APIARY:** Gross value increased \$1,212,900 or 26.5%. Honey production increased \$81,000 or 11% due mostly to increased production of 9%. Pollination services increased \$1,122,400 or 29.5% due mostly to a 31% increase in pollination fees.

FRESNO COUNTY'S 10 LEADING CROPS

<u>Crop</u>	<u>1980 Rank</u>	<u>1980 Dollar Value</u>	<u>1979 Rank</u>	<u>1978 Rank</u>	<u>1970 Rank</u>
Grapes	1	\$ 478,217,000	1	1	1
Cotton	2	443,066,000	2	2	2
Cattle & Calves	3	140,011,000	3	3	3
Poultry	4	121,156,000	4	4	6
Milk	5	96,088,000	6	5	5
Tomatoes	6	65,857,000	5	6	15
Plums	7	63,106,000	10*	7	8
Alfalfa Hay	8	59,655,000	7	14	4
Nectarines	9	49,959,000	12	10	12
Oranges	10	47,209,000	8	9	13

\*Revised

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE - 1980

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Barley	1980	106,000	2.10	223,000	ton	\$ 120.00	\$ 26,760,000
	1979	173,000	2.05	355,000	ton	105.00	37,275,000
Beans, dry	1980	10,200	.77	7,850	ton	615.00	4,828,000
	1979	10,100	.87	8,790	ton	449.00	3,947,000
Corn	1980	7,400	2.80	20,700	ton	155.00	3,208,000
	1979	8,000	2.80	22,400	ton	133.00	2,979,000
Cotton Lint	1980	424,000	1078 <sup>a/</sup>	929,000 <sup>b/</sup>	bale	.830 <sup>c/</sup>	385,535,000
	1979	430,000	1117	1,001,000	bale	.675	337,838,000
Cotton Seed	1980			381,000	ton	151.00	57,531,000
	1979			400,000	ton	127.00	50,800,000
Hay							
Alfalfa <sup>d/</sup>	1980	85,000	7.23	615,000	ton	97.00	59,655,000
	1979	85,000	7.20	612,000	ton	85.00	52,020,000
Other <sup>e/</sup>	1980	42,400	1.15	48,800	ton	77.00	3,758,000
	1979	7,950	2.00	15,900	ton	41.00	652,000
Pasture and Range							
Alfalfa <sup>f/</sup> stubble	1980	70,000			acre	10.00	700,000
	1979	68,000			acre	7.00	476,000
Irrigated Pasture	1980	40,000			acre	110.00	4,400,000
	1979	40,000			acre	100.00	4,000,000
Grazing Range	1980	1,000,000			acre	7.00	7,000,000
	1979	1,040,000			acre	5.00	5,200,000
Rice	1980	11,000	2.80	30,800	ton	236.00	7,269,000
	1979	14,700	2.65	39,000	ton	180.00	7,020,000
Safflower	1980	13,800	1.40	19,300	ton	300.00	5,790,000
	1979	16,400	1.19	19,500	ton	254.00	4,953,000
Screenings	1980			8,400	ton	71.00	596,000
	1979			6,000	ton	30.00	180,000
Silage							
Corn	1980	9,200	19.00	175,000	ton	18.00	3,150,000
	1979	10,000	24.00	240,000	ton	16.00	3,840,000
Sorghum	1980	600	21.00	12,600	ton	17.00	214,000
	1979	1,450	18.00	26,100	ton	16.50	431,000

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE - 1980 (continued)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Sorghum Grain	1980	3,800	1.90	7,220	ton	\$ 128.00	\$ 924,000
	1979	3,900	3.50	13,600	ton	108.00	1,469,000
Straw	1980			9,000	ton	20.00	180,000
	1979			4,700	ton	28.00	132,000
Sugar Beets	1980	22,360	28.30	633,000	ton	48.30	30,574,000
	1979	20,000	28.18	564,000	ton	29.00	16,356,000
Wheat	1980	85,300	2.79	238,000	ton	137.00	32,606,000
	1979	26,000	2.55	66,300	ton	135.00	8,950,000
Other <sup>g/</sup>	1980	4,410					1,039,000
	1970	4,436*					1,005,000*
Total	1980	1,865,470					\$635,717,000
	1979	1,890,936					539,523,000

a/ Pounds of lint per acre

b/ 492 pounds net weight bales

c/ Price per pound, 500 pound bales

d/ Includes bales, cubes and green chop

e/ Includes hay from barley, oats, seed alfalfa, and wheat

f/ Not included in total acreage figures; includes acreage from alfalfa hay and seed alfalfa

g/ Includes oats, sesame, soybeans, stubble (barley and wheat), sudan grass and sunflowers

\*Revised

SEED CROPS: ACREAGE, PRODUCTION AND VALUE - 1980

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Alfalfa Certified	1980	33,000	550	18,150,000	1b.	\$ 1.30	\$ 23,595,000
	1979	40,000	490	19,600,000	1b.	1.30	25,480,000
Alfalfa Non-Certified	1980	20,000	550	11,000,000	1b.	1.25	13,750,000
	1979	15,000	460	6,900,000	1b.	1.20	8,280,000
Total All Alfalfa Seed	1980	53,000		29,150,000	1b.		37,345,000
	1979	55,000		26,500,000	1b.		33,760,000
Barley Certified	1980	4,300	4,340	18,662,000	1b.	.073	1,362,000
	1979	2,650	3,725	9,871,000	1b.	.053	523,000
Barley Non-Certified	1980	1,300	4,200	5,460,000	1b.	.060	328,000
	1979	1,000	3,050	3,050,000	1b.	.050	152,000
Cotton <sup>a/</sup>	1980	8,100		9,720,000	1b.	.080	905,000 <sup>b/</sup>
	1979	11,600		8,708,000	1b.	.070	610,000
Vegetable <sup>c/</sup>	1980	3,747					2,349,000
	1979	1,180					1,860,000
Other <sup>d/</sup>	1980	4,012					1,340,000
	1979	<u>6,950</u>					<u>2,089,000</u>
Total	1980	66,359					\$43,629,000
	1979	66,780					38,994,000

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

b/ Includes \$17 per acre approval on 7,499 acres

c/ Cabbage, cantaloupe, carrot, cucumber, lettuce, onion, parsley, pepper, snap bean, tomato and watermelon

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

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE - 1980

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Beans Snap <sup>a/</sup>	1980	640	3.1	1,980	ton	\$ 277	548,000
	1979	1,510	2.2	3,320	ton	182	604,000
Chinese Vegetables <sup>b/</sup>	1980	716	14.4	10,300	ton	223	2,297,000
	1979	432	13.1	5,660	ton	258	1,460,000
Cucumbers	1980	234	8.7	2,040	ton	302	616,000
	1979	100	11.2	1,120	ton	321	360,000
Eggplant	1980	156	6.2	967	ton	550	532,000
	1979	150	6.6	990	ton	462	457,000
Garlic <sup>a/</sup>	1980	3,560	6.8	24,200	ton	262	6,340,000
	1979	3,070	6.0	18,400	ton	306	5,630,000
Lettuce							
Head							
Spring	1980	4,614	15.9	73,400	ton	256	18,790,000
	1979	3,725	15.7	58,500	ton	115	6,728,000
Fall	1980	4,641	13.9	64,500	ton	210	13,545,000
	1979	4,800	12.0	57,600	ton	135	7,776,000
Leaf	1980	158	9.1	1,440	ton	336	484,000
	1979	100	8.5	850	ton	315	268,000
Melons							
Cantaloupes	1980	24,600	9.1	224,000	ton	205	45,920,000
	1979	22,900	7.7	176,000	ton	174	30,624,000
Cranshaw	1980	280	9.9	2,770	ton	516	1,429,000
	1979	193	5.6	1,080	ton	284	307,000
Honeydew	1980	378	9.8	3,704	ton	300	1,111,000
	1979	915	7.0	6,400	ton	167	1,069,000



VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE - 1980 (continued)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
<b>Onions</b>							
<b>Dry</b>							
Fresh	1980	1,314	15.7	20,600	ton	\$ 313	\$ 6,448,000
	1979	1,187	15.3	18,200	ton	205	3,731,000
Processed	1980	4,500	22.0	99,000	ton	58	5,742,000
	1979	3,587	18.9	67,800	ton	56	3,797,000
Green	1980	285	13.1	3,730	ton	466	1,738,000
	1979	200	13.5	2,700	ton	444	1,199,000
<b>Peppers</b>							
Bell	1980	141	9.4	1,330	ton	546	726,000
	1979	260	5.2	1,350	ton	433	585,000
Chili Fresh	1980	271	1.8	488	ton	849	414,000
	1979	330	2.5	825	ton	774	639,000
Radishes	1980	200	6.3	1,260	ton	287	362,000
	1979	300	3.8	1,140	ton	267	304,000
<b>Squash</b>							
Summer	1980	299	8.7	2,600	ton	385	1,001,000
	1979	350	11.5	4,020	ton	341	1,371,000
Winter	1980	183	10.4	1,903	ton	218	415,000
	1979	94	6.0	560	ton	282	158,000
Sweet Potatoes/Yams	1980	672	9.0	6,050	ton	443	2,680,000
	1979	1,473	10.5	15,500	ton	210	3,255,000
<b>Tomatoes</b>							
<b>Fresh</b>							
Cherry	1980	475	13.9	6,600	ton	696	4,594,000
	1979	444	15.0	6,660	ton	502	3,343,000
Regular	1980	2,310	10.6	24,500	ton	429	10,510,000
	1979	2,450	15.4	37,700	ton	362	13,647,000
Processed	1980	34,880	30.5	1,064,000	ton	47.7	50,753,000
	1979	41,630	28.6	1,191,000	ton	56.7	67,530,000

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE - 1980 (continued)

Crop	Year	Harvested acreage	Production		Value	
			Per acre	Total	Unit	Per unit
Other Vegetables <sup>c/</sup>	1980	8,437				\$ 9,577,000
	1979	<u>8,684*</u>				<u>7,942,000*</u>
Total	1980	93,944				\$186,572,000
	1979	98,884				162,784,000

a/ Includes fresh and processed

b/ Includes bitter melon, bok choy, daikon, dunqua, gai choy, gobo, lo bak, moqua, napa, and sinqua

c/ Includes alfalfa sprouts, artichokes, 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), melons (canary, casaba, Persian, Santa Claus, and watermelon), mushrooms, parsley, peas, pumpkins, sugar cane, sun chokes, sweet corn, Swiss chard, taro root, tomatoes (hothouse), turnips

\*Revised

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE - 1980

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Almonds	1980	23,992	.59	14,200	ton	\$ 3,000	\$ 42,600,000
	1979	23,433	.56	13,100	ton	3,100	40,610,000
Almond Hulls	1980			23,700	ton	75	1,778,000
	1979			21,900	ton	46	1,007,000
Apricots	1980	236	7.56	1,780	ton	700	1,246,000
	1979	240	8.56	2,050	ton	627	1,285,000
Avocados	1980	324	2.48	804	ton	568	457,000
	1979	280	1.08	302	ton	901	272,000
Boysenberries	1980	275	4.24	1,170	ton	748	875,000
	1979	255	2.78	709	ton	1,300	922,000
Citrus							
Lemons	1980	875	11.20				
	1979	812	7.18				
Fresh	1980			4,800	ton	382	1,834,000
	1979			3,900	ton	498	1,942,000
Processed	1980			5,000	ton	103	515,000
	1979			1,900	ton	70	133,000
Oranges							
Navel	1980	15,939	12.99				
	1979	15,476	8.25				
Fresh	1980			131,000	ton	267	34,977,000
	1979			84,800	ton	379	32,139,000
Processed	1980			76,000	ton	28	2,128,000
	1979			42,900	ton	40	1,716,000
Valencia	1980	3,355	15.05				
	1979	3,351	10.87				
Fresh	1980			33,300	ton	275	9,158,000
	1979			23,300	ton	382	8,901,000
Processed	1980			17,200	ton	55	946,000
	1979			13,100	ton	70	917,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE - 1980 (continued)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per Unit	Total
Citrus (continued)							
Other <sup>a/</sup>	1980	695	12.17				
	1979	726	7.16				
Fresh	1980			6,480	ton	\$ 316	\$ 2,048,000
	1979			3,700	ton	292	1,080,000
Processed	1980			1,980	ton	28	55,400
	1979			1,500	ton	25	37,500
Figs, Dried	1980	6,980	.79	5,510	ton	1,416	7,802,000
	1979	7,442	.65	4,840	ton	1,460	7,066,000
Grapes							
Raisin Varieties	1980	146,777	11.12				
	1979	146,095	9.21				
Canned	1980			14,000	ton	228	3,192,000
	1979			13,600	ton	225	3,060,000
Crushed	1980			346,000	ton	150	51,900,000
	1979			335,000	ton	150	50,250,000
Dried	1980			225,000	ton	1,200	270,000,000
	1979			218,400	ton	1,150	251,160,000
Fresh	1980			79,000	ton	743	58,697,000
	1979			56,400	ton	630	35,532,000
Juice	1980			18,500	ton	317	5,864,000
Table Varieties	1980	5,907	8.77				
	1979	5,819	7.71				
Crushed	1980			22,400	ton	126	2,822,000
	1979			17,800	ton	133	2,367,000
Fresh	1980			29,400	ton	790	23,226,000
	1979			27,100	ton	626	16,965,000
Wine Varieties	1980	35,170	10.21				
	1979	35,745	8.75				
Crushed	1980			334,000	ton	162	54,108,000
	1979			295,000	ton	156	46,020,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE - 1980 (continued)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Wine Varieties (continued)							
Juice	1980			25,100	ton	\$ 335	\$ 8,408,000
	1979			17,800	ton	375	6,675,000
Grapes Total	1980	187,854					478,217,000
	1979	187,659					412,029,000
Nectarines	1980	9,836	11.85	117,000	ton	427	49,959,000
	1979	8,823	11.31	99,800	ton	364	36,327,000
Olives, Canned	1980	1,578	2.09	3,300	ton	450	1,485,000
	1979	1,598	1.87	2,990	ton	375	1,121,000
Peaches							
Clingstone	1980	1,616	18.31	29,600	ton	188	5,565,000
	1979	1,562	17.53	27,400	ton	162	4,439,000
Freestone	1980	8,575	10.12				
	1979	7,753	11.39				
Fresh	1980			82,100	ton	422	34,646,000
	1979			79,200	ton	361	28,591,000
Processed	1980			4,700	ton	120	564,000
	1979			9,050	ton	140	1,267,000
Peaches Total	1980	10,191					40,775,000
	1979	9,315					34,297,000
Pears and Apple Pears	1980	142	9.00	1,280	ton	845	1,082,000
	1979	144	8.43	1,210	ton	820	992,000
Pecans	1980	203	.50	102	ton	2,000	204,000
	1979	173	.80	138	ton	2,400	331,000
Persimmons	1980	49	8.08	396	ton	635	251,000
	1979	49	6.30	309	ton	1,012	313,000
Pistachio Nuts	1980	271	.78	211	ton	4,500	950,000
	1979	201	.40	80	ton	3,200	256,000
Plums	1980	12,252	7.41	90,800	ton	695	63,106,000
	1979	11,170	7.37	82,300	ton	477	39,257,000
Pomegranates	1980	965	4.01	3,870	ton	494	1,912,000
	1979	901	3.33	3,000	ton	539	1,617,000
Prunes, Dried	1980	418	3.70	1,550	ton	812	1,259,000
	1979	410	3.60	1,480	ton	822	1,217,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE - 1980 (continued)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Strawberries	1980	105	15.07	1,580	ton	\$ 762	\$ 1,204,000
	1979	160	9.00	1,440	ton	710	1,022,000
Walnuts	1980	3,551	1.15	4,080	ton	958	3,909,000
	1979	3,568	1.16	4,140	ton	933	3,863,000
Miscellaneous <sup>b/</sup>	1980	185					1,734,000
	1979	<u>152</u>					<u>961,000</u>
Total	1980	280,271					\$752,466,400
	1979	276,338					631,630,500

a/ Includes blood oranges, grapefruit, mandarins, minneolas, tangerines, and tangelos

b/ Includes apples, dried apricots, fresh figs, substandard figs, loquat, processed nectarines, ollalieberries, kiwi, olive oil, processed plums, quince

NURSERY PRODUCTS: PRODUCTION AREA, SALES AND VALUE - 1980

<u>Item</u>	<u>Year</u>	<u>Production Area Acres</u>	<u>Quantity Sold by Producers</u>	<u>Unit</u>	<u>Value</u>
Herbaceous Ornamentals <sup>a/</sup>	1980	16	659,000	b/	\$ 664,000
	1979	16	786,000	b/	424,000
Ornamental Trees and Shrubs <sup>c/</sup>	1980	150	960,000	plants	1,507,000
	1979	83	1,045,000	plants	2,313,000
Other Nursery crops <sup>d/</sup>	1980	95			1,758,000
	1979	<u>60</u>			<u>1,608,000</u>
Total	1980	261			\$3,929,000
	1979	159			4,345,000

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 grape rootings, turf grass, and vegetable plants

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE - 1980

Item	Year	Production			Value	
		No. of Head	Total Liveweight	Unit	Per Unit	Total
<b>Cattle and Calves</b>						
<b>Beef</b>						
<b>Breeding Stock</b>						
Common	1980	2,000		head	\$525.00	\$ 1,050,000
	1979	1,680		head	525.00	882,000
Registered	1980	500		head	900.00	450,000
	1979	490		head	908.00	445,000
Feeders	1980	111,000	224,000	cwt.	69.30	15,523,000
	1979	116,000	234,000	cwt.	74.40	17,410,000
Calves	1980	34,200	157,000	cwt.	71.60	11,241,000
	1979	29,400	135,000	cwt.	76.70	10,354,000
<b>Slaughter Stock</b>						
From Feed Lots	1980	258,000	1,213,000 <sup>a/</sup>	cwt.	65.55	79,512,000
	1979	260,000	1,221,000	cwt.	66.50	81,196,000
From Other Sources	1980	7,500	66,000	cwt.	46.20	3,049,000
	1979	5,208	45,900	cwt.	49.80	2,286,000
<b>Dairy</b>						
Breeding Stock	1980	10,100		head	1,265.00	12,776,000
	1979	9,515		head	1,310.00	12,465,000
Cull Stock	1980	15,800	234,000	cwt.	42.95	10,050,000
	1979	14,700	218,000	cwt.	47.60	10,377,000
Calves	1980	42,400	106,000	cwt.	60.00	6,360,000
	1979	42,400	106,000	cwt.	69.00	7,314,000
<b>Sheep and Lambs</b>						
<b>Slaughter Stock</b>						
Lambs	1980	79,200	75,200	cwt.	63.00	4,738,000
	1979	69,300	65,800	cwt.	66.60	4,382,000
Sheep	1980	19,100	26,700	cwt.	16.10	430,000
	1979	16,800	23,500	cwt.	21.20	498,000



LIVESTOCK AND POULTRY: PRODUCTION AND VALUE - 1980 (continued)

Item	Year	Production			Value	
		No. of Head	Total Liveweight	Unit	Per Unit	Total
<b>Hogs and Pigs</b>						
Breeding Stock	1980	220		head	\$180.00	\$ 40,000
	1979	230		head	190.00	43,700
Feeder Pigs and Slaughter Stock	1980	15,100	31,700	cwt.	49.09	1,556,000
	1979	18,500	38,900	cwt.	45.90	1,786,000
<b>Horses and Mules</b>						
Recreational and Working Stock	1980	1,084		head	750.00	813,000
	1979	1,042		head	750.00	782,000
<b>Poultry</b>						
Chickens <sup>b/</sup>	1980	49,730,000		each	.770	38,292,000
	1979	48,054,000		each	.741	35,608,000
Turkeys	1980	6,850,000	134,783,000	lb.	.539	72,648,000
	1979	5,382,000	107,645,000	lb.	.510	54,899,000
Turkey Poults	1980	12,308,000		each	.830	10,216,000
	1979	11,990,000		each	.790	9,472,000
Miscellaneous <sup>c/</sup>	1980					69,900
	1979					83,600
Total	1980					\$268,813,900
	1979					250,283,300

a/ Net feed lot gain

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

c/ Includes chuckars, ducks, geese, mink, pheasants, and rabbits

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE - 1980

Crop	Year	Production	Unit	Value	
				Per Unit	Total
Manure <sup>a/</sup>	1980	166,000	ton	\$ 6.75	\$ 1,120,000
Milk					
Manufacturing	1980	107,000	cwt.	11.96	1,280,000
	1979	67,700	cwt.	10.60	718,000
Market	1980	7,652,000	cwt.	12.39	94,808,000
	1979	6,923,000	cwt.	11.14	77,122,000
Wool	1980	616,000	lb.	.96	591,000
	1979	836,000	lb.	.89	744,000
Eggs					
Chicken & Turkey	1980	8,202,000	dozen	.927	7,603,000
	1979	10,658,000	dozen	.798	8,515,000
Total	1980				\$105,402,000
	1979				87,099,000

a/ Not previously reported, includes cattle and poultry

b/ Includes market eggs and hatching eggs

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

<u>Item</u>	<u>January 1, 1981</u>	<u>January 1, 1980</u>
Cattle and Calves		
All	364,000	372,000
Dairy and Beef Cows	101,500	100,000
Cattle on Feed	112,600	113,000
Stock Sheep and Lambs	125,000	110,000
Goats	600	600
Hogs and Pigs	8,900	9,000
Horses	22,000	16,700
Poultry		
Hens and Pullets of Laying Age	178,000	329,000
Chicken and Turkey Breeder Hens	228,000	391,000

APIARY PRODUCTS AND POLLINATION SERVICES: PRODUCTION AND VALUE - 1980

Item	Year	Production Total	Unit	Value	
				Per Unit	Total
<b>Apiary Product<sup>a/</sup></b>					
Honey	1980	1,600,000	lb.	\$ .50	\$ 800,000
	1979	1,468,000	lb.	.49	719,000
Beeswax	1980	31,500	lb.	1.90	59,900
	1979	28,300	lb.	1.78	50,400
<b>Pollination<sup>b/</sup></b>					
<b>Seed Crops</b>					
Alfalfa	1980	142,000	colony	18.08	2,567,000
	1979	133,000	colony	14.93	1,986,000
Other <sup>c/</sup>	1980	880	colony	19.00	16,700
	1979	1,690	colony	12.00	20,300
Tree Fruit <sup>d/</sup>	1980	80,200	colony	19.00	1,524,000
	1979	98,000	colony	13.82	1,354,000
Cantaloupes	1980	41,100	colony	20.00	822,000
	1979	35,300	colony	12.67	447,000
Total	1980				\$5,789,600
	1979				4,576,700

a/ Reflects only the bees registered in Fresno County by commercial and semi-commercial beekeepers; 1980 - 26,260 colonies; 1979 - 32,890 colonies

b/ Reflects value of pollination by all bee colonies located in Fresno County for pollination services during 1980. Estimated total colonies: 167,360

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

1960 -	\$388,744,120	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	1980 -	2,002,318,900
1970 -	474,706,000*		

SIX YEAR COMPARISON STUDY OF GROSS CROP VALUES IN FRESNO COUNTY

	1960	1970	1977	1978	1979	1980
Field Crops	\$167,921,200*	\$139,484,000	\$309,253,000*	\$285,942,500*	\$539,523,000	\$635,717,000
Seed Crops	13,324,000*	17,550,000	22,046,000	21,679,000	38,994,000	43,629,000
Vegetable Crops	24,700,900*	39,713,000	139,249,000*	173,725,000	162,784,000	186,572,000
Fruit and Nut Crops	105,087,850*	173,469,000*	422,306,200*	486,571,700*	631,630,500	752,466,400
Nursery Products	527,990*	740,000	3,158,000	3,475,000	4,345,000	3,929,000
Livestock and Poultry	76,795,570*	103,353,000	211,720,000*	265,883,500	337,382,300	374,215,900
Apiary	<u>386,610*</u>	<u>397,000</u>	<u>2,692,000</u>	<u>3,756,400</u>	<u>4,576,700</u>	<u>5,789,600</u>
Grand Total	\$388,744,120*	\$474,706,000*	\$1,110,424,200*	\$1,241,033,100*	\$1,719,235,500	\$2,002,318,900

\*Revised