

County of



Department of Agriculture

Cosmo C. Insalaco
Agricultural Commissioner

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

The Honorable Board of Supervisors
County of Fresno

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

I am pleased to submit the 1981 Agricultural Crop and Livestock Report for the acreage, production, and value of agricultural crops and products in Fresno County.

1981 represents the second largest gross returns in our history, \$1,905,734,240. This also establishes a loss of \$96,714,660 or a 4.8 percent reduction from the revised 1980 Agricultural Crop and Livestock Report. Timber harvest is included for the first time in the 1981 report.

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 Thomas M. Schackmann, Tye T. Hafner and Susan L. Fitzpatrick as well as 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,

A handwritten signature in cursive script that reads "Cosmo C. Insalaco".

Cosmo C. Insalaco
Agricultural Commissioner

*'Fresno had great early appeal for me . . . of water flowing
in rivers and ditches, of orchards and vineyards set out in
great geometric patterns, of leaf and blossom and fruit. . .'*

--William Saroyan, 'Places Where I've Done Time'

The Cover. . .

*1890's combine harvesting grain, commemorating California
Agricultural Commissioners Association's Century of Service,
1881 through 1981. Photograph courtesy of the Fresno City
and County Historical Society Archives, A. W. Peters Collection.*

1981 IN RETROSPECT

Fresno County's agricultural diversity reflects forty-seven of the state's top fifty commercially produced crops. Agriculture continues as the leading industry in Fresno County and, through its multiplier effect, had a total economic impact in excess of five and two-thirds billion dollars.

FIELD CROPS: Gross value decreased \$55,479,000 or 8.7%. Cotton decreased in value \$25,511,000 or 5.8% reflecting a reduced price. Sugar beets decreased \$11,364,000 or 37% due mostly to lower prices. Alfalfa hay was down \$11,465,000 or 19% due to lower prices.

SEED CROPS: Gross value increased \$3,087,000 or 7%. Seed alfalfa increased \$4,301,000 or 11.5%.

VEGETABLE CROPS: Gross value decreased \$440,000 or less than 1%. Head lettuce decreased \$9,613,000 or 30% due to poor spring prices. Cantaloupes increased in value \$4,449,000 or 10% due to increased acreage and prices.

FRUIT AND NUT CROPS: Gross value decreased \$72,304,100 or 10%. Grapes decreased \$68,683,000 or 14% due to large reduction in acreage yield in Thompson Seedless and other varieties of up to 39%. Raisin quality was exceptional with reduced yield reflecting a 35,000 ton decrease from 1980. Wine grapes dropped in yield 16% but increased in price. Plums increased in value \$6,469,000 or 10% reflecting an acreage and yield increase. The price decreased 13%. Peaches decreased \$7,830,000 or 19%. Yield and price were both down. Nectarine value was up \$7,389,000 or 15% due to increased prices.

NURSERY PRODUCTS: Gross value increased \$1,746,000 or 44%. Prices were up considerably.

LIVESTOCK AND POULTRY: Gross value increased \$14,264,100 or 5%. Slaughter stock increased 22,450 head reflecting a \$6,210,000 or 7.5% increase. Turkeys were down in total value by \$17,840,000 or 25%.

LIVESTOCK PRODUCTS: Gross value increased \$8,088,000 or 8% due mostly to an increase in price. Milk increased in value \$7,855,000 or 8%.

APIARY: Gross value decreased \$376,660 or 6.5% due to reduced honey yield of 965,000 pounds or 60%.

TIMBER HARVEST: Gross value was \$4,700,000.

FRESNO COUNTY'S 10 LEADING CROPS

<u>Crop</u>	<u>1981 Rank</u>	<u>1981 Dollar Value</u>	<u>1980 Rank</u>	<u>1979 Rank</u>	<u>1971 Rank</u>
Cotton	1	\$ 417,555,000	2	2	2
Grapes	2	409,534,000	1	1	1
Cattle & Calves	3	150,482,000	3	3	3
Milk	4	103,943,000	4	5	4
Plums	5	69,575,000	7	10*	8
Tomatoes	6	61,326,000	6	4	6
Nectarines	7	57,348,000	9	12	10
Oranges	8	54,943,000	10	8	14
Turkeys	9	54,808,000	5*	6*	9
Cantaloupes	10	50,369,000	11	16	5

*Revised



FIELD CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Barley	1981	93,800	1.76	165,000	ton	\$ 127.00	\$ 20,955,000
	1980	106,000	2.10	223,000	ton	120.00	26,760,000
Beans, dry	1981	11,300	.92	10,400	ton	672.00	6,989,000
	1980	10,200	.77	7,850	ton	615.00	4,828,000
Corn	1981	6,500	2.52	16,400	ton	180.00	2,952,000
	1980	7,400	2.80	20,700	ton	155.00	3,208,000
Cotton Lint	1981	451,000	1294 ^{a/}	1,179,000 ^{b/}	bale	.63 ^{c/}	371,385,000
	1980	424,000	1078	929,000	bale	.83	385,535,000
Cotton Seed	1981			486,000	ton	95.00	46,170,000
	1980			381,000	ton	151.00	57,531,000
Hay							
Alfalfa ^{d/}	1981	85,000	7.18	610,000	ton	79.00	48,190,000
	1980	85,000	7.23	615,000	ton	97.00	59,655,000
Other ^{e/}	1981	32,000	1.10	35,200	ton	76.00	2,675,000
	1980	42,400	1.15	48,800	ton	77.00	3,758,000
Pasture and Range							
Alfalfa ^{f/} stubble	1981	70,000			acre	12.00	840,000
	1980	70,000			acre	10.00	700,000
Irrigated Pasture	1981	40,000			acre	110.00	4,400,000
	1980	40,000			acre	110.00	4,400,000
Grazing Range	1981	1,000,000			acre	7.00	7,000,000
	1980	1,000,000			acre	7.00	7,000,000
Rice	1981	9,000	3.30	29,700	ton	180.00	5,346,000
	1980	11,000	2.80	20,800	ton	236.00	7,269,000
Safflower	1981	8,349	1.33	11,100	ton	375.00	4,162,000
	1980	13,800	1.40	19,300	ton	300.00	5,790,000
Silage							
Corn	1981	11,000	19.50	214,000	ton	20.00	4,280,000
	1980	9,200	19.00	175,000	ton	18.00	3,150,000

FIELD CROPS: (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	TOTAL
			PER ACRE	TOTAL			
Sorghum Grain	1981	3,800	2.05	7,790	ton	\$ 104.00	\$ 810,000
	1980	3,800	1.90	7,220	ton	128.00	924,000
Sugar Beets	1981	23,216	27.32	634,000	ton	30.30	19,210,000
	1980	22,360	28.30	633,000	ton	48.30	30,574,000
Wheat	1981	99,900	2.41	241,000	ton	131.00	31,571,000
	1980	85,300	2.79	238,000	ton	137.00	32,606,000
Other ^{g/}	1981	17,582					3,303,000
	1980	<u>5,010</u>					<u>2,029,000*</u>
Total	1981	1,983,797					\$580,238,000
	1980	1,865,470					635,717,000

a/ Pounds of lint per acre

b/ 495 pounds net weight

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, screenings, sesame, straw, stubble (barley and wheat), sudan grass and winter forage

*Revised



SEED CROPS



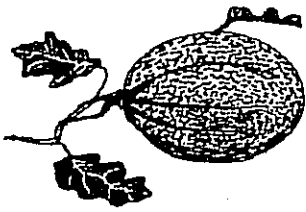
CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Alfalfa	1981	30,000	660	19,800,000	1b.	\$ 1.15	\$ 22,770,000
Certified	1980	33,000	550	18,150,000	1b.	1.30	23,595,000
Alfalfa	1981	26,000	660	17,160,000	1b.	1.10	18,876,000
Non-Certified	1980	20,000	550	11,000,000	1b.	1.25	13,750,000
Total All	1981	56,000		36,960,000	1b.		41,646,000
Alfalfa Seed	1980	53,000		29,150,000	1b.		37,345,000
Barley	1981	2,600	4,375	11,375,000	1b.	.074	842,000
Certified	1980	4,300	4,340	18,662,000	1b.	.073	1,362,000
Barley	1981	1,050	3,520	3,696,000	1b.	.060	222,000
Non-Certified	1980	1,300	4,200	5,460,000	1b.	.060	328,000
Cotton ^{a/}	1981	10,300		12,083,000	1b.	.060	892,000 ^{b/}
	1980	8,100		9,720,000	1b.	.080	905,000
Vegetable ^{c/}	1981	1,620					1,623,000
	1980	3,747					2,349,000
Other ^{d/}	1981	3,685					1,491,000
	1980	<u>4,012</u>					<u>1,340,000</u>
Total	1981	64,955					\$ 46,716,000
	1980	66,359					43,629,000

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

b/ Includes \$17 per acre approval on 9804 acres

c/ Carrot, lettuce, onion, parsley, snap bean, squash and tomato.

d/ Certified beans, 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 vetch, certified and non-certified wheat.



VEGETABLE CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Beans Snap ^{a/}	1981	1,531	1.5	2,300	ton	\$ 429	\$ 987,000
	1980	1,835	.8	1,470	ton	461	678,000*
Chinese Vegetables ^{b/}	1981	685	14.9	10,200	ton	370	3,774,000
	1980	716	14.4	10,300	ton	223	2,297,000
Cucumbers	1981	209	14.3	2,990	ton	355	1,061,000
	1980	234	8.7	2,040	ton	302	616,000
Eggplant	1981	161	10.4	1,670	ton	361	603,000
	1980	156	6.2	967	ton	550	532,000
Garlic ^{a/}	1981	4,371	6.8	29,700	ton	295	8,762,000
	1980	3,560	6.8	24,200	ton	262	6,340,000
Head Lettuce							
Spring Naked Wrapped Bulk	1981	3,628	17.1	46,000	ton		
				15,300	ton		
				681	ton		
Season Total	1981	3,628	17.1	61,980	ton	150	9,297,000
	1980	4,614	15.9	73,400	ton	256	18,790,000
Fall Naked Wrapped Bulk	1981	4,679	16.3	53,000	ton		
				21,500	ton		
				1,780	ton		
Season Total	1981	4,679	15.6	76,280	ton	176	13,425,000
	1980	4,641	13.9	64,500	ton	210	13,545,000
Melons							
Cantaloupes	1981	25,200	8.3	209,000	ton	241	50,369,000
	1980	24,600	9.1	224,000	ton	205	45,920,000
Cranshaw	1981	156	8.1	1,260	ton	445	561,000
	1980	280	9.9	2,770	ton	516	1,429,000
Honeydew	1981	770	10.8	8,320	ton	390	3,245,000
	1980	378	9.8	3,704	ton	300	1,111,000

VEGETABLES CROPS: (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE		
			PER ACRE	TOTAL		PER UNIT	TOTAL	
Onions								
Dry								
Fresh	1981	1,434	14.0	20,100	ton	\$ 320	\$	6,432,000
	1980	1,314	15.7	20,600	ton	313		6,448,000
Processed	1981	6,400	17.0	109,000	ton	65		7,085,000
	1980	4,500	22.0	99,000	ton	58		5,742,000
Green	1981	145	8.7	1,260	ton	824		1,038,000
	1980	285	13.1	3,730	ton	466		1,738,000
Peppers								
Bell	1981	264	5.3	1,400	ton	601		841,000
	1980	141	9.4	1,330	ton	546		726,000
Chili	1981	350	3.5	1,200	ton	1,196		1,435,000
Fresh	1980	271	1.8	488	ton	849		414,000
Radishes	1981	150	7.5	1,130	ton	317		358,000
	1980	200	6.3	1,260	ton	287		362,000
Squash								
Summer	1981	464	7.2	3,340	ton	441		1,473,000
	1980	299	8.7	2,600	ton	385		1,001,000
Winter	1981	166	14.1	2,340	ton	262		613,000
	1980	183	10.4	1,903	ton	218		415,000
Sweet Potatoes/ Yams	1981	802	9.0	7,220	ton	440		3,177,000
	1980	672	9.0	6,050	ton	443		2,680,000
Tomatoes								
Fresh								
Cherry	1981	313	9.0	2,820	ton	564		1,590,000
	1980	475	13.9	6,600	ton	696		4,594,000
Regular	1981	1,825	10.4	19,000	ton	342		6,498,000
	1980	2,310	10.6	24,500	ton	429		10,510,000
Processed	1981	36,640	28.6	1,048,000	ton	50.8		53,238,000
	1980	34,880	30.5	1,064,000	ton	47.7		50,753,000

VEGETABLE CROPS: (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Other Vegetables ^{c/}	1981	8,245				\$	10,400,000
	1980	8,437					10,061,000*
Total	1981	101,868				\$	186,262,000
	1980	93,944					186,702,000*

a/ Includes fresh and processed

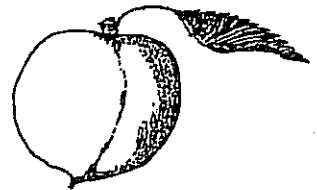
b/ Includes bitter melon, bok choy, daikon, dunqua, gai choy, gobo, lo bak, moqua, napa, and sinqua

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, honey cranshaw, Persian, Santa Claus, and watermelon), mushrooms, parsley, peas, pumpkins, sugar cane, sun chokes, sweet corn, Swiss chard, taro root, tomatoes (hothouse), turnips

*Revised



FRUIT & NUT CROPS



CROP	YEAR	BEARING ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds	1981	23,820	.75	17,900	ton	\$1,500	\$ 26,850,000
	1980	23,992	.59	14,200	ton	3,000	42,600,000
Almond Hulls	1981			25,800	ton	50	1,290,000
	1980			23,700	ton	75	1,778,000
Apricots	1981	246	6.73	1,660	ton	863	1,433,000
	1980	236	7.56	1,780	ton	700	1,246,000
Avocados	1981	328	2.40	787	ton	327	257,000
	1980	324	2.48	804	ton	568	457,000
Boysenberries	1981	338	1.89	639	ton	810	518,000
	1980	275	4.24	1,170	ton	748	875,000

FRUIT AND NUT CROPS: (continued)

CROP	YEAR	BEARING ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Citrus							
Lemons	1981	971	15.75				
	1980	875	11.20				
Fresh	1981			5,810	ton	\$ 396	\$ 2,301,000
	1980			4,800	ton	382	1,834,000
Processed	1981			9,480	ton	56	531,000
	1980			5,000	ton	103	515,000
Oranges							
Navel	1981	15,878	13.98				
	1980	15,939	12.99				
Fresh	1981			141,000	ton	280	39,480,000
	1980			131,000	ton	267	34,977,000
Processed	1981			81,000	ton	24	1,944,000
	1980			76,000	ton	28	2,128,000
Valencia	1981	3,274	17.68				
	1980	3,355	15.05				
Fresh	1981			34,500	ton	341	11,764,000
	1980			33,300	ton	275	9,158,000
Processed	1981			23,400	ton	75	1,755,000
	1980			17,200	ton	55	946,000
Other ^{a/}	1981	674	10.40				
	1980	695	12.17				
Fresh	1981			5,080	ton	320	1,626,000
	1980			6,480	ton	316	2,048,000
Processed	1981			1,930	ton	24	46,300
	1980			1,980	ton	28	55,400
Figs, Dried	1981	6,401	.69	4,420	ton	1,193	5,273,000
	1980	6,980	.79	5,510	ton	1,416	7,802,000
Grapes							
Raisin Varieties	1981	148,932	6.78				
	1980	146,777	11.12				
Canned	1981			9,600	ton	225	2,160,000
	1980			14,000	ton	228	3,192,000

FRUIT AND NUT CROPS: (continued)

CROP	YEAR	BEARING ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Grapes (continued)							
Crushed	1981			185,000	ton	\$ 200	\$ 37,000,000
	1980			346,000	ton	150	51,900,000
Dried	1981			190,000	ton	1,300	247,000,000
	1980			225,000	ton	1,200	270,000,000
Fresh	1981			46,000	ton	782	35,972,000
	1980			79,000	ton	743	58,697,000
Juice	1981			9,200	ton	385	3,542,000
	1980			18,500	ton	317	5,864,000
Table Varieties	1981	5,843	7.32				
	1980	5,907	8.77				
Crushed	1981			17,700	ton	188	3,328,000
	1980			22,400	ton	126	2,822,000
Fresh	1981			25,100	ton	818	20,532,000
	1980			29,400	ton	790	23,226,000
Wine Varieties	1981	34,210	8.53				
	1980	35,170	10.21				
Crushed	1981			274,000	ton	195	53,430,000
	1980			334,000	ton	162	54,108,000
Juice	1981			18,000	ton	365	6,570,000
	1980			25,100	ton	335	8,408,000
Grapes Total	1981	188,985					409,534,000
	1980	187,854					478,217,000
Nectarines	1981	11,135	9.70	108,000	ton	531	57,348,000
	1980	9,836	11.85	117,000	ton	427	49,959,000
Olives, Canned	1981	1,166	1.20	1,400	ton	662	927,000
	1980	1,578	2.09	3,300	ton	450	1,485,000
Peaches							
Clingstone	1981	1,473	15.86	23,400	ton	185	4,329,000
	1980	1,616	18.31	29,600	ton	188	5,565,000
Freestone	1981	8,829	8.47				
	1980	8,575	10.12				
Fresh	1981			71,800	ton	393	28,217,000
	1980			82,100	ton	422	34,646,000

FRUIT AND NUT CROPS: (continued)

CROP	YEAR	BEARING ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Peaches (continued)							
Processed	1981			2,980	ton	\$ 134	\$ 399,000
	1980			4,700	ton	120	564,000
Peaches Total	1981	10,302					32,945,000
	1980	10,191					40,775,000
Pears and Apple Pears	1981	156	7.30	1,139	ton	985	1,122,000
	1980	142	9.00	1,280	ton	845	1,082,000
Pecans	1981	252	.41	103	ton	2,400	247,000
	1980	203	.50	102	ton	2,000	204,000
Persimmons	1981	55	5.73	315	ton	1,185	373,000
	1980	49	8.08	396	ton	635	251,000
Pistachio Nuts	1981	271	.63	171	ton	3,100	530,000
	1980	271	.78	211	ton	4,500	950,000
Plums	1981	12,973	8.90	115,000	ton	605	69,575,000
	1980	12,252	7.41	90,800	ton	695	63,106,000
Pomegranates	1981	967	5.50	5,320	ton	570	3,032,000
	1980	965	4.01	3,870	ton	494	1,912,000
Prunes, Dried	1981	437	4.02	1,760	ton	690	1,214,000
	1980	418	3.70	1,550	ton	812	1,259,000
Strawberries	1981	83	11.25	934	ton	667	623,000
	1980	105	15.07	1,580	ton	762	1,204,000
Walnuts	1981	3,413	1.60	5,460	ton	1,022	5,580,000
	1980	3,551	1.15	4,080	ton	958	3,909,000
Miscellaneous ^{b/}	1981	639					2,044,000
	1980	185					1,734,000
Total	1981	282,764					\$680,162,300
	1980	280,271					752,466,400

a/ Includes blood oranges, grapefruit, mandarins, minneolas, tangerines, and tangelos
b/ Includes apples, processed apricots, fresh figs, substandard figs, processed nectarines, ollalieberries, kiwi, olive oil, fresh olives, and quince



NURSERY PRODUCTS



ITEM	YEAR	PRODUCTION AREA ACRES	QUANTITY SOLD BY PRODUCERS		UNIT	VALUE
Herbaceous Ornamentals ^{a/}	1981	21	1,411,000	b/		\$ 1,036,000
	1980	16	659,000	b/		664,000
Ornamental Trees and Shrubs ^{c/}	1981	138	427,000	plants		1,979,000
	1980	150	960,000	plants		1,507,000
Other Nursery crops ^{d/}	1981	42				2,660,000
	1980	95				1,758,000
Total	1981	201				\$ 5,675,000
	1980	261				3,929,000

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

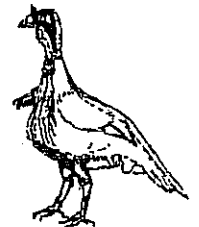
b/ Includes flats, dozens, cans, and single plants

c/ Includes Christmas trees

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



LIVESTOCK & POULTRY



ITEM	YEAR	PRODUCTION			VALUE	
		NO. OF HEAD	TOTAL LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Cattle and Calves						
Beef						
Breeding Stock						
Common	1981	2,120		head	\$ 475.00	\$1,007,000
	1980	2,000		head	525.00	1,050,000

LIVESTOCK AND POULTRY: (continued)

ITEM	YEAR	PRODUCTION			VALUE	
		NO. OF HEAD	TOTAL LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Beef (continued)						
Registered	1981	530		head	\$ 800.00	\$ 424,000
	1980	500		head	900.00	450,000
Feeders	1981	138,000	276,000	cwt.	63.10	17,416,000
	1980	111,000	224,000	cwt.	69.30	15,523,000
Calves	1981	36,200	167,000	cwt.	60.20	10,053,000
	1980	34,200	157,000	cwt.	71.60	11,241,000
Slaughter Stock						
From Feed Lots	1981	280,000	1,316,000 ^{a/}	cwt.	65.20	85,803,000
	1980	258,000	1,213,000	cwt.	65.55	79,512,000
From Other Sources	1981	7,950	70,000	cwt.	42.40	2,968,000
	1980	7,500	66,000	cwt.	46.20	3,049,000
Dairy						
Breeding Stock	1981	10,700		head	1,310.00	14,017,000
	1980	10,100		head	1,265.00	12,776,000
Cull Stock	1981	15,400	228,000	cwt.	40.00	9,120,000
	1980	15,800	234,000	cwt.	42.95	10,050,000
Calves	1981	44,400	111,000	cwt.	67.00	7,437,000
	1980	42,400	106,000	cwt.	60.00	6,360,000
Sheep and Lambs						
Slaughter Stock						
Lambs	1981	88,200	83,800	cwt.	56.30	4,718,000
	1980	79,200	75,200	cwt.	63.00	4,738,000
Sheep	1981	21,200	29,700	cwt.	17.00	505,000
	1980	19,100	26,700	cwt.	16.10	430,000
Hogs and Pigs						
Feeder Pigs and Slaughter Stock	1981	15,050	31,600	cwt.	48.00	1,517,000
	1980	15,100	31,700	cwt.	49.09	1,556,000
Horses and Mules						
Recreational and Working Stock	1981	2,500		head	1,500.00	3,750,000
	1980	1,084		head	750.00	813,000

LIVESTOCK AND POULTRY: (continued)

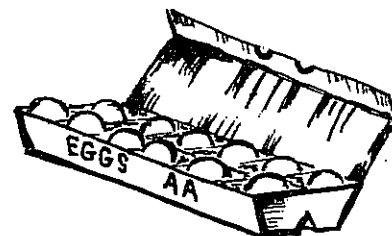
ITEM	YEAR	PRODUCTION			VALUE	
		NO. OF HEAD	TOTAL LIVWEIGHT	UNIT	PER UNIT	TOTAL
Turkeys	1981	6,186,000	123,720,000	1b.	\$.443	\$54,808,000
	1980	6,850,000	134,783,000	1b.	.539	72,648,000
Miscellaneous ^{b/}	1981					69,535,000
	1980					48,617,900*
Total	1981					\$283,078,000
	1980					268,813,900

a/ Net feed lot gain

b/ Includes chickens, chuckars, ducks, fish, geese, mink, pheasants, rabbits, and turkey poult



LIVESTOCK & POULTRY PRODUCTS

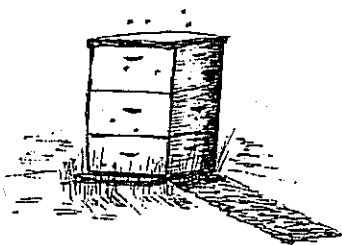


CROP	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Manure	1981	135,000	ton	\$ 12.00	\$ 1,620,000
	1980	166,000	ton	6.75	1,120,000
Milk					
Manufacturing	1981	28,500	cwt.	12.55	358,000
	1980	107,000	cwt.	11.96	1,280,000
Market	1981	7,769,000	cwt.	13.33	103,585,000
	1980	7,652,000	cwt.	12.39	94,808,000
Wool	1981	594,000	1b.	1.03	612,000
	1980	616,000	1b.	.96	591,000
Eggs					
Chicken & Turkey ^{a/}	1981	5,928,000	dozen	1.234	7,315,000
	1980	8,202,000	dozen	.927	7,603,000
Total	1981				\$113,490,000
	1980				105,402,000

a/ Includes market eggs and hatching eggs.

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

<u>ITEM</u>	<u>January 1, 1982</u>	<u>January 1, 1981</u>
Cattle and Calves		
All	372,000	364,000
Dairy and Beef Cows	108,000	101,500
Cattle on Feed	89,600	112,600
Stock Sheep and Lambs	123,000	125,000
Goats	750	600
Hogs and Pigs	6,800	8,900
Horses	27,000	22,000
Poultry	420,000	406,000



APIARY PRODUCTS and POLLINATION SERVICES

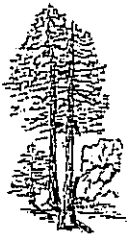


<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION TOTAL</u>	<u>UNIT</u>	<u>VALUE</u>	
				<u>PER UNIT</u>	<u>TOTAL</u>
Apiary Product ^{a/}					
Honey	1981	635,000	1b.	\$.51	\$ 324,000
	1980	1,600,000	1b.		
Beeswax	1981	26,500	1b.	1.98	52,500
	1980	31,500	1b.	1.90	59,900
Pollination ^{b/}					
Seed Crops					
Alfalfa	1981	143,000	colony	18.90	2,702,000
	1980	142,000	colony	18.08	2,567,000
Other ^{c/}	1981	300	colony	14.80	4,440
	1980	880	colony	19.00	16,700
Tree Fruit ^{d/}	1981	83,000	colony	21.46	1,781,000
	1980	80,200	colony	19.00	1,524,000

APIARY PRODUCTS AND POLLINATION SERVICES: (continued)

ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Pollination (continued)					
Cantaloupes	1981	29,400	colony	\$ 18.67	\$ 549,000
	1980	41,100	colony	20.00	<u>822,000</u>
Total	1981				\$5,412,940
	1980				5,789,600

- a/ Reflects only the bees registered in Fresno County by commercial and semi-commercial beekeepers; 1981 - 33,965 colonies; 1980 - 26,260 colonies
- b/ Reflects value of pollination by all bee colonies located in Fresno County for pollination services during 1981. Estimated total colonies: 228,095
- c/ Cucumbers, onion seed, carrot seed, vegetable seed and other truck crops
- d/ Almonds, cherries, plums



TIMBER HARVEST



CROP	YEAR	PRODUCTION	UNIT ^{1/}	VALUE ^{2/}
Timber	1981	55,351,000	Board feet	\$ 4,700,000

1/ Board feet is the quantity of timber cut and sealed.
 2/ Value of timber immediately before cutting

GROWTH OF FRESNO COUNTY AGRICULTURE AS INDICATED BY GROSS VALUE
OF AGRICULTURAL PRODUCTS OVER A SPAN OF TWENTY-ONE YEARS

1961 -	\$385,091,740
1962 -	413,572,210
1963 -	423,206,000
1964 -	443,088,000
1965 -	438,253,000
1966 -	452,926,000
1967 -	438,753,000*
1968 -	462,659,000
1969 -	458,014,000
1970 -	474,706,000*
1971 -	507,930,000
1972 -	\$ 559,307,000*
1973 -	828,682,000*
1974 -	967,350,000
1975 -	1,026,356,000*
1976 -	1,178,373,000*
1977 -	1,110,424,200*
1978 -	1,241,033,100*
1979 -	1,719,235,500
1980 -	2,002,448,900*
1981 -	1,905,734,240

SIX YEAR COMPARISON STUDY OF GROSS CROP VALUES IN FRESNO COUNTY

	1961	1971	1978	1979	1980	1981
Field Crops	\$153,431,490*	\$137,467,000	\$285,942,500*	\$539,523,000	\$635,717,000	\$580,238,000
Seed Crops	12,123,590*	15,216,000	21,679,000	38,994,000	43,629,000	46,716,000
Vegetable Crops	25,072,920*	47,585,000	173,725,000	162,784,000	186,702,000*	186,262,000
Fruit and Nut Crops	114,884,230*	195,375,000	486,571,700*	631,630,500	752,466,400	680,162,300
Nursery Products	605,210*	1,167,000	3,475,000	4,345,000	3,929,000	5,675,000
Livestock and Poultry	78,400,830*	110,494,000	265,883,500	337,382,300	374,215,900	396,568,000
Apiary	573,470*	626,000	3,756,400	4,576,700	5,789,600	5,412,940
Timber Harvest	+	+	+	+	+	4,700,000
Grand Total	\$385,091,740*	\$507,930,000	\$1,241,033,100*	\$1,719,235,500	\$2,002,448,900*	\$1,905,734,240

*Revised

+Not reported