



**Department of Agriculture**

Cosmo C. Insalaco  
Agricultural Commissioner  
Sealer of Weights & Measures

Clare Berryhill, Director  
California Department of Food and Agriculture

The Honorable Board of Supervisors  
County of Fresno

Betty Ramacher, Chairperson  
Judy Andreen            A. Vernon Conrad  
Deran Koligian            Sharon Levy

Bruce Spaulding  
County Administrative Officer

I am pleased to submit the 1986 Fresno County Agricultural Crop and Livestock Report. This annual report presents statistical information pertaining to the acreage, yield, and value of Fresno County agricultural products.

The total gross production value of Fresno County agricultural products in 1986 was \$2,125,721,600. This is 3.49% above the 1985 total gross production value and is the largest total gross return in our history. I would emphasize that this total gross value and all agricultural product values, are gross values only, and do not reflect net income.

Fresno County agriculture continues to experience the difficult financial times reflected in the overall depressed state and national farm economy.

There are, however, some signs of guarded optimism with indications of some stabilizing of land values and commodity returns. More favorable dollar exchange rates on world markets are an additional positive signal.

I sincerely appreciate the professional and dedicated work performed by Deputy Agricultural Commissioner Dennis C. Plann, Supervising Agricultural Biologist L. V. Hawley, Agricultural Biologists Tom Schackmann and Sandra Peterson 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/Sealer

*No race can prosper till it  
learns there is as much  
dignity in tilling a field as  
there is in writing a poem.*

*Booker T. Washington*

*A COUNTRY IS ONLY AS STRONG AS ITS AGRICULTURE*

*Lest we forget: Dignity is born of honesty, self-respect, determination and hard work--the province of the farmer. It is generations of farm families caring for the land, the crops, the animals and each other. It founded a nation, guided its growth and will determine its future. That's dignity.*

*The cover. . . "Valley Cove"*

*Courtesy : Russell C. Fey, Professor  
Department of Urban & Regional Planning  
California State University, Fresno*

*Reproduction of "Valley Cove" prohibited.*

## 1986 RETROSPECT HIGHLIGHTS

**FIELD CROPS:** Gross production value of \$483,687,000 was down \$62,155,000 or 11.4% in all field crops. Cotton dropped in gross value \$61,304,000 or 15.5% to \$333,304,000 due to 90,000 fewer acres and a drop in yield. Safflower acreage increased 9,940 acres or 251.0% and reflected a \$2,362,000 or 138.0% increase in gross receipts. Sugar beet acreage was up 7,843 acres or 40.7% for a \$5,574,000 or 31.3% rise in gross value. Wheat gross value declined 32.3% or \$9,356,000 to \$19,600,000 due to reductions in acres, yield and returns.

**SEED CROPS:** Gross production value of all seed crops increased \$6,750,000 or 16.7% to \$47,064,000. Alfalfa seed gross receipts increased \$3,558,000 or 11.0% due mostly to an increase in acreage. Vegetable seed gross value gained \$2,357,000 or 161.9% and was due to additional acreage.

**VEGETABLE CROPS:** Gross production value of all vegetable crops climbed by 7.2% or \$24,627,000 to \$368,120,000. Broccoli gross receipts increased by \$4,875,000 to \$17,081,000; this 39.9% gain reflects 2,860 additional acres. Garlic gross value dropped \$28,991,000 or 48.4% to \$30,871,000. Iceberg head lettuce gross receipts rose \$17,179,000 or 42.7% to \$57,403,000; the increase was due to expanded acreage and a rise in yield and value. Bell pepper acreage increased 960 acres or 71.6% to 2,300 acres; gross receipts climbed by 81.3% to \$10,350,000. Sweet potato acreage increased 39.0% to 1,368 acres; yield increased 46.1% to 11,500 tons. Tomato gross returns climbed 9.7% or \$11,693,000 to \$132,331,000. Market varieties gross returns climbed \$5,905,000 to \$25,308,000 due to increased acreage and production. Processing varieties gross returns climbed \$5,662,000 to \$103,785,000 due to an acreage and yield increase.

**FRUIT AND NUT CROPS:** Gross production value of \$775,104,600 was up by 13.2% for all fruit and nut crops. The gross receipts for almonds increased \$23,426,000 or 87.4% due mostly to a 207.7% increase in almond meat returns. Grapes increased in total gross value \$63,042,000 or 18.7% to \$400,149,000. Raisin varieties crushed increased in gross value \$11,441,000 or 72.0%. The gross value for raisins increased 18.6% to \$215,272,000. Raisin varieties packed fresh increased in gross value \$12,977,000 or 25.9%. Table varieties increased in gross value \$14,481,000 or 40.3%. The gross value of peaches dropped \$7,789,000 or 8.9% to \$64,475,000. The gross return for plums increased \$17,281,000 or 22.4% to \$94,290,000 as a result of increased production and prices.

**NURSERY PRODUCTS:** Gross production value of all nursery products increased \$2,449,000 or 31.1% due to an increase in acreage.

**LIVESTOCK AND POULTRY:** Gross production value of all livestock and poultry rose by 3.1% to \$9,001,000 due mostly to increased poultry production. The number of cattle that moved through feedlots was down by 7,000 head. Turkey gross value was up \$786,000 or 1.1% which is an increase of 10.6% in the number of birds marketed.

**LIVESTOCK AND POULTRY PRODUCTS:** Gross production value of all livestock and poultry products increased \$2,392,000 or 1.8%. The rise in production of manufacturing and market milk was offset by lower returns resulting in no significant change in gross value. Egg returns increased \$2,898,000 or 45.3% reflecting increased production and value.

**APIARY PRODUCTS AND POLLINATION:** Gross production value of all apiary products and pollination services increased \$36,000 or .6%.

**TIMBER HARVEST:** Gross production value of all harvested timber decreased \$1,567,000 or 30.2%.

FRESNO COUNTY'S 10 LEADING CROPS

<u>Crop</u>	1986 <u>Rank</u>	1986 <u>Dollar Value</u>	1985 <u>Rank</u>	1984 <u>Rank</u>	1976 <u>Rank</u>
Grapes	1	400,149,000	2*	2	2
Cotton	2	333,304,000	1*	1	1
Cattle & Calves	3	133,316,000	3	3	3
Tomatoes	4	132,331,000	4	4	5
Milk	5	119,250,000	5	5	4
Plums	6	94,290,000	6	11	9
Turkeys	7	69,540,000	8	6	11
Oranges	8	64,526,000	9	7	10
Peaches	9	64,475,000	7	13	13
Nectarines	10	63,002,000	10	9	12

\*Revised



# FIELD CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Barley	1986	44,000	1.44	63,400	ton	\$ 90.00	\$ 5,706,000
	1985	45,000	1.98	89,100	ton	\$ 108.00	\$ 9,623,000
Beans, dry	1986	11,300	.80	9,000	ton	600.00	5,400,000
	1985	12,800	1.07	13,700	ton	400.00	5,480,000
Corn	1986	7,000	4.67	32,700	ton	90.00	2,943,000
	1985	8,000	4.50	36,000	ton	110.00	3,960,000
Cotton Lint	1986	331,000	1,300 <sup>a</sup>	854,000 <sup>b</sup>	bale	.68 <sup>c</sup>	290,360,000
	1985	421,000	1,350 <sup>a</sup>	1,128,000 <sup>b</sup>	bale	.602 <sup>c</sup>	339,528,000
Cotton Seed	1986			352,000	ton	122.00	42,944,000
	1985			459,000	ton	120.00	55,080,000
Hay Alfalfa <sup>d</sup>	1986	80,000	8.80	704,000	ton	83.00	58,432,000
	1985	75,000	8.80	660,000	ton	77.70	51,282,000
Other <sup>e</sup>	1986	31,200	.99	30,900	ton	66.00	2,039,000
	1985	28,000	1.02	28,600	ton	85.00	2,431,000
Pasture and Range							
Alfalfa Stubble <sup>f</sup>	1986	70,000			acre	13.00	910,000
	1985	70,000			acre	13.00	910,000
Irrigated Pasture	1986	50,000			acre	110.00	5,500,000
	1985	50,000			acre	110.00	5,500,000
Grazing Range	1986	900,000			acre	7.00	6,300,000
	1985	900,000			acre	7.00	6,300,000
Rice	1986	8,300	2.27	18,800	ton	252.00	4,738,000
	1985	8,180	2.25	18,400	ton	280.00	5,152,000
Safflower	1986	13,900	1.30	18,100	ton	225.00	4,073,000
	1985	3,960	1.80	7,130	ton	240.00	1,711,000
Silage							
Corn	1986	16,000	25.00	400,000	ton	15.50 <sup>g</sup>	6,200,000
	1985	12,000	26.50	318,000	ton	20.00	6,360,000

FIELD CROPS: (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Sorghum Grain	1986	1,300	2.25	2,930	ton	\$ 78.00	\$ 229,000
	1985	1,700	2.27	3,860	ton	\$ 95.00	\$ 367,000
Sugar Beets	1986	27,100	26.27	712,000	ton	32.87	23,403,000
	1985	19,257	29.96	577,000	ton	30.90	17,829,000
Wheat	1986	72,500	2.70	196,000	ton	100.00	19,600,000
	1985	82,500	3.08	254,000	ton	114.00	28,956,000
Other <sup>h</sup>	1986	18,700					4,910,000
	1985	<u>21,100</u>					<u>5,373,000</u>
Total	1986	1,612,300					\$483,687,000
	1985	1,758,497					\$545,842,000

a Pounds of lint per acre

b 504 pounds net weight

c Price per pound, 500 pound bales

d Includes bales, cubes, and green chop

e Includes hay and green chop from barley, oats, seed alfalfa, wheat

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

g Field price

h Includes oats, oat silage, screenings, straw, winter forage, and wheat silage



# SEED CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Alfalfa	1986	39,000	700	27,300,000	lb.	\$ .97	\$26,481,000
Certified	1985	33,000	700	23,100,000	lb.	\$ 1.05	\$24,255,000
Alfalfa	1986	15,000	650	9,750,000	lb.	.96	9,360,000
Non-Certified	1985	13,000	650	8,450,000	lb.	.95	8,028,000
Total All	1986	54,000		37,050,000	lb.		35,841,000
Alfalfa Seed	1985	46,000		31,550,000	lb.		32,283,000
Barley	1986	2,285	4,690	10,717,000	lb.	.050	536,000
Certified	1985	1,450	5,480	7,946,000	lb.	.060	477,000
Barley	1986	1,350	3,700	4,995,000	lb.	.040	200,000
Non-Certified	1985	1,000	3,800	3,800,000	lb.	.050	190,000
Cotton <sup>a</sup>	1986	4,100		1,230,000	lb.	.070	154,000 <sup>b</sup>
	1985	7,000		5,932,000	lb.	.090	677,000 <sup>b</sup>
Vegetable <sup>c</sup>	1986	2,300					3,813,000
	1985	1,400					1,456,000
Wheat	1986	7,200	5,600	40,320,000	lb.	.070	2,822,000
Certified	1985	7,900	6,000	47,400,000	lb.	.070	3,318,000
Wheat	1986	100	4,000	400,000	lb.	.069	27,600
Non-certified <sup>e</sup>							
Other <sup>d</sup>	1986	7,800					3,670,000
	1985	<u>2,800</u>					<u>1,913,000</u>
Total	1986	79,135					\$47,064,000
	1985	60,550					\$40,314,000

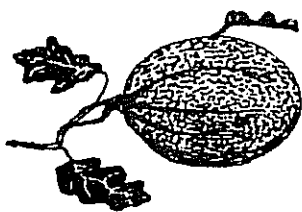
a Not included in total acreage for "Seed Crops"

b Includes \$27 per acre approval on 2518 acres

c Broccoli, carrot, cauliflower, cucumber, eggplant, lettuce, onion, parsley, pepper, tomato, and watermelon

d Certified and non-certified blackeye peas, certified clover, oats, rice, safflower, sudan grass, white beans, non-certified peas, lima beans and snap beans

e Not previously reported separately



# VEGETABLE CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Broccoli <sup>a</sup>	1986	7,640	7.6	58,100	ton	\$294.00	\$17,081,000
	1985	4,780	7.5	35,900	ton	\$340.00	\$12,206,000
Carrots <sup>a d</sup>	1986	2,400	29.0	69,600	ton	149.00	10,370,000
Cauliflower <sup>a</sup>	1986	955	4.0	3,820	ton	421.00	1,608,000
	1985	1,200	3.4	4,080	ton	525.00	2,142,000
Chinese Vegetables <sup>b</sup>	1986	709	12.5	8,860	ton	260.00	2,304,000
	1985	856	9.7	8,300	ton	338.00	2,805,000
Eggplant	1986	349	9.3	3,250	ton	404.00	1,313,000
	1985	283	9.6	2,720	ton	325.00	884,000
Garlic <sup>a</sup>	1986	9,960	6.8	67,700	ton	456.00	30,871,000
	1985	10,800	8.4	90,700	ton	660.00	59,862,000
Head Lettuce							
Spring	1986	6,100	17.6				
	1985	6,600	15.0				
Naked Wrapped Bulk				77,200	ton		
				23,600	ton		
				6,600	ton		
Season Total	1986	6,100	17.6	107,400	ton	283.00	30,394,000
	1985	6,600	15.0	99,000	ton	166.00	16,434,000
Fall	1986	8,200	16.8				
	1985	6,800	17.9				
Naked Wrapped Bulk				93,900	ton		
				31,600	ton		
				12,300	ton		
Season Total	1986	8,200	16.8	137,800	ton	196.00	27,009,000
	1985	6,800	17.9	122,000	ton	195.00	23,790,000
Melons							
Cantaloupe	1986	31,300	10.4	326,000	ton	172.00	56,072,000
	1985	31,400	10.1	317,000	ton	175.00	55,475,000
Crenshaw	1986	175	3.3	578	ton	303.00	175,000
	1985	210	5.5	1,160	ton	400.00	464,000



VEGETABLES CROPS: (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Honeydew	1986	2,000	9.3	18,600	ton	\$ 232.00	\$ 4,315,000
	1985	1,180	13.0	15,300	ton	\$ 265.00	\$ 4,055,000
Watermelon	1986	270	19.0	5,130	ton	83.00	426,000
	1985	592	11.0	6,510	ton	60.00	391,000
Onions							
Dry							
Fresh	1986	2,440	18.1	44,200	ton	178.00	7,868,000
	1985	1,430	14.7	21,000	ton	257.00	5,397,000
Processed	1986	8,900	17.7	158,000	ton	68.00	10,744,000
	1985	8,200	16.6	136,000	ton	72.00	9,792,000
Bell Peppers <sup>a</sup>	1986	2,300	9.0	20,700	ton	500.00	10,350,000
	1985	1,340	12.4	16,600	ton	344.00	5,710,000
Squash							
Summer	1986	423	7.2	3,050	ton	386.00	1,177,000
	1985	526	9.0	4,730	ton	330.00	1,561,000
Fall	1986	424	5.9	2,500	ton	349.00	873,000
	1985	182	7.8	1,420	ton	215.00	305,000
Sweet Potatoes/ Yams	1986	1,368	8.4	11,500	ton	525.00	6,038,000
	1985	984	8.0	7,870	ton	325.00	2,558,000
Tomatoes							
Fresh							
Cherry	1986	690	8.2	5,660	ton	572.00	3,238,000
	1985	525	9.0	4,730	ton	658.00	3,112,000
Standard	1986	5,300	15.2	80,600	ton	314.00	25,308,000
	1985	3,980	15.0	59,700	ton	325.00	19,403,000
Processed	1986	62,800	32.4	2,035,000	ton	51.00	103,785,000
	1985	60,600	31.5	1,909,000	ton	51.40	98,123,000

VEGETABLE CROPS: (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Other	1986	11,800					\$ 16,801,000
Vegetables <sup>c</sup>	1985	<u>11,950</u>					\$ <u>16,143,000</u>
Total	1986	166,503					\$368,120,000
	1985	154,950					\$343,493,000

a Includes fresh and processed

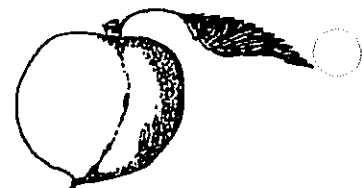
b Includes bitter melon, bok choy, daikon, dunqua, gai choy, gai lon, lo bok, long beans, moqua, napa and sinqua

c Includes asparagus, bean sprouts, beets, cabbage, cauliflower, chile peppers, collards, cucumbers, (hot house, lemon, and regular), endive, garbanzo beans, greens (beets, mustard, and turnip), Japanese eggplant, kale, leaf lettuce (red, green, butter and bronze), leeks, lima beans, melons (canary, casaba, honeyball, Persian, and Santa Claus), mung beans, mushrooms, okra, parsley, peanuts, peas, pumpkins, radishes, red chard, romaine, snap beans, processed zucchini squash, sugar peas, sweet corn, Swiss chard, taro root, and turnips

d Not previously reported separately



## FRUIT & NUT CROPS



CROP	YEAR	BEARING ACREAGE	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Almonds	1986	30,685	.40	12,300	ton	\$4,000.00	\$ 49,200,000
	1985	31,156	.60	18,700	ton	\$1,300.00	\$ 24,310,000
Almond Hulls	1986			20,400	ton	50.00	1,020,000
	1985			46,000	ton	54.00	2,484,000
Apricots	1986	451	2.40	1,080	ton	1,515.00	1,636,000
	1985	400	6.59	2,640	ton	743.00	1,962,000
Avocados	1986	300	3.20	960	ton	400.00	384,000
	1985	394	3.24	1,280	ton	760.00	973,000
Boysenberries	1986	123	3.53	434	ton	1,400.00	608,000
	1985	216	3.23	698	ton	1,800.00	1,256,000

FRUIT AND NUT CROPS: (continued)

CROP	YEAR	BEARING ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
<b>Citrus</b>							
Lemons	1986	991	11.29				
	1985	1,011	12.51				
Fresh	1986			8,190	ton	\$632.00	\$ 5,176,000
	1985			6,800	ton	\$670.00	\$ 4,556,000
Processed	1986			3,000	ton	56.00	168,000
	1985			5,850	ton	61.00	357,000
<b>Oranges</b>							
Navel	1986	15,705	11.29				
	1985	15,983	9.19				
Fresh	1986			138,000	ton	376.00	51,888,000
	1985			126,000	ton	425.00	53,550,000
Processed	1986			39,300	ton	18.00	707,000
	1985			21,000	ton	42.00	882,000
Valencia	1986	3,487	13.56				
	1985	3,546	11.42				
Fresh	1986			29,700	ton	378.00	11,227,000
	1985			30,800	ton	390.00	12,012,000
Processed	1986			17,600	ton	40.00	704,000
	1985			9,700	ton	80.00	776,000
Other <sup>a</sup>	1986	545	11.93				
	1985	798	8.09				
Fresh	1986			5,700	ton	415.00	2,366,000
	1985			5,420	ton	408.00	2,211,000
Processed	1986			800	ton	37.00	29,600
	1985			1,040	ton	34.00	35,400
Figs, dried	1986	5,688	.73	4,150	ton	1,040.00	4,316,000
	1985	5,925	.89	5,270	ton	674.00	3,552,000
<b>Grapes</b>							
Raisin Varieties	1986	168,195	9.41				
	1985	169,373	9.53				
Canned	1986			8,690	ton	180.00	1,564,000
	1985			18,900	ton	180.00	3,402,000

FRUIT AND NUT CROPS: (continued)

CROP	YEAR	BEARING ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Grapes (continued)							
Crushed	1986			258,000	ton	\$105.88	\$ 27,317,000
	1985			210,000	ton	\$ 75.60	\$ 15,876,000
Dried	1986			284,000	ton	758.00 <sup>c</sup>	215,272,000 <sup>c</sup>
	1985			300,000	ton	605.00 <sup>*c</sup>	181,500,000 <sup>*c</sup>
Fresh	1986			94,200	ton	670.00	63,114,000
	1985			98,500	ton	509.00	50,137,000
Juice	1986			11,700	ton	312.00	3,650,000
	1985			10,900	ton	358.00	3,902,000
Table Varieties	1986	8,726	7.65				
	1985	8,310	6.69				
Crushed	1986			8,780	ton	70.00	615,000
	1985			7,900	ton	53.00	419,000
Fresh	1986			58,000	ton	859.00	49,822,000
	1985			47,700	ton	745.00	35,537,000
Wine Varieties	1986	37,535	7.47				
	1985	37,850	10.62				
Crushed	1986			263,000	ton	126.00	33,138,000
	1985			383,000	ton	104.00	39,832,000
Juice	1986			17,300	ton	327.00	5,657,000
	1985			18,900	ton	344.00	6,502,000
Grapes Total	1986	214,456					400,149,000
	1985	215,533					337,107,000*
Kiwi	1986	275	7.94	2,180	ton	1,760.00	3,837,000
	1985	204	11.40	2,330	ton	1,870.00	4,357,000
Nectarines	1986	11,771	9.24	109,000	ton	578.00	63,002,000
	1985	11,515	10.12	117,000	ton	554.00	64,818,000*
Olives, canned	1986	1,111	2.99	3,320	ton	459.00	1,524,000
	1985	1,132	2.86	3,240	ton	395.00	1,280,000
Peaches							
Clingstone	1986	1,347	17.65	23,800	ton	\$167.00	\$ 3,975,000
	1985	1,296	17.60	22,800	ton	\$187.00	\$ 4,264,000

FRUIT AND NUT CROPS: (continued)

CROP	YEAR	BEARING ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Freestone	1986	10,600	10.38	110,000	ton	550.00	60,500,000
	1985	10,424	10.55	110,000	ton	619.00	68,090,000*
Peaches Total	1986	11,947					64,475,000
	1985	11,720					72,354,000*
Pears and Apple Pears	1986	203	8.76	1,780	ton	961.00	1,711,000
	1985	197	6.80	1,340	ton	1,400.00	1,876,000
Pecans	1986	336	.75	252	ton	2,300.00	580,000
	1985	329	.70	230	ton	2,200.00	506,000
Persimmons	1986	164	6.81	1,120	ton	1,212.00	1,357,000
	1985	142	5.90	838	ton	996.00	835,000
Pistachios	1986	363	.98	356	ton	2,980.00	1,061,000
	1985	289	.84	243	ton	2,360.00	573,000
Plums	1986	16,033	6.52	105,000	ton	898.00	94,290,000
	1985	15,545	6.31	98,100	ton	785.00	77,009,000
Pomegranates	1986	916	6.49	5,940	ton	567.00	3,368,000
	1985	916	6.91	6,330	ton	559.00	3,538,000
Prunes, dried	1986	1,037	3.40	3,530	ton	700.00	2,471,000
	1985	809	5.10	4,130	ton	693.00	2,862,000
Strawberries <sup>d</sup>	1986	210	15.50	3,260	ton	545.00	1,777,000
	1985	250	10.30	2,580	ton	728.00	1,878,000
Walnuts	1986	3,078	.93	2,860	ton	1,070.00	3,060,000
	1985	3,202	1.42	4,550	ton	760.00	3,458,000
Other <sup>b</sup>	1986	928					3,013,000
	1985	<u>941</u>					<u>3,609,000*</u>
Total	1986	320,803					\$775,104,600
	1985	322,153					\$684,976,400*

a Includes mandarin/tangerines and tangelos

b Includes apples, processed apricots, fresh figs, substandard figs, processed nectarines, ollalieberries, olive oil, fresh olives, processed peaches, processed pomegranates, and quince

c. Revised procedure that reflects a combined value of free tonnage, R.I.D. Program tonnage and industry projected value for reserve tonnage

d. Includes fresh and processed

\* Revised



## NURSERY PRODUCTS

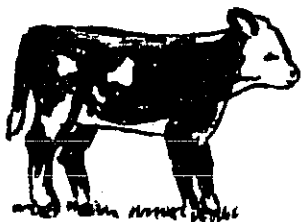


ITEM	YEAR	ACRES	QUANTITY	UNIT	VALUE
Christmas Trees	1986	107	12,500	trees	\$ 239,000
	1985	72	8,820	trees	\$ 179,000
Herbaceous Ornamentals <sup>a</sup>	1986	27	1,160,000	b	965,000
	1985	24	1,092,000	b	1,201,000
Ornamental Trees and Shrubs	1986	43	590,000	plants	4,368,000
	1985	34	612,000	plants	3,780,000
Other Nursery crops <sup>c</sup>	1986	116	64,783,000	plants	4,759,000
	1985	<u>144</u>	61,445,000	plants	<u>2,722,000</u>
Total	1986	293			\$10,331,000
	1985	274			\$ 7,882,000

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

b Includes flats, dozens, cans, and single plants

c Includes bareroot fruit & nut trees, grape rootings and vegetable plants



## LIVESTOCK & POULTRY



ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVEWEIGHT		PER UNIT	TOTAL
Cattle and Calves						
Beef						
Breeding Stock						
Common	1986	1,680		head	\$ 400.00	\$ 672,000
	1985	1,560		head	\$ 450.00	\$ 702,000
Registered	1986	420		head	800.00	336,000
	1985	390		head	900.00	351,000

LIVESTOCK & POULTRY: (continued)

ITEM	PRODUCTION			VALUE		
	NO. OF YEAR	HEAD	TOTAL LIVEWEIGHT	PER UNIT	UNIT	TOTAL
Feeders	1986	151,000	302,000	cwt.	56.50	17,063,000
	1985	119,000	238,000	cwt.	56.00	13,328,000
Calves	1986	28,700	132,000	cwt.	53.80	7,102,000
	1985	26,600	122,000	cwt.	55.80	6,808,000*
Slaughter Stock						
From Feed Lots	1986	297,000	1,396,000 <sup>a</sup>	cwt.	57.70	80,549,000
	1985	304,000	1,429,000 <sup>a</sup>	cwt.	59.98	85,711,000
From other sources	1986	6,300	55,400	cwt.	33.00	1,828,000
	1985	5,850	51,500	cwt.	39.40	2,029,000
Dairy						
Breeding Stock	1986	8,600		head	1,000.00	8,600,000
	1985	9,000		head	1,050.00	9,450,000
Cull Stock	1986	15,300	227,000	cwt.	32.80	7,446,000
	1985	15,300	227,000	cwt.	37.00	8,399,000
Calves	1986	41,200	124,000	cwt.	65.00	8,060,000
	1985	40,900	123,000	cwt.	62.50	7,688,000
Dairy Buy-out Program	1986	5,153	38,600	head	43.00	1,660,000
Hogs and Pigs						
Feeder Pigs and Slaughter Stock	1986	9,400	19,300	cwt.	53.00	1,023,000
	1985	9,700	19,900	cwt.	47.40	943,000
Horses and Mules						
Recreational and Working Stock	1986	2,500		head	650.00	1,625,000
	1985	2,900		head	750.00	2,175,000
Sheep and Lambs						
Slaughter Stock						
Lambs	1986	36,900	35,000	cwt.	\$70.80	\$ 2,478,000
	1985	45,500	43,200	cwt.	\$68.30	\$ 2,951,000
Sheep	1986	13,700	19,200	cwt.	16.00	307,000
	1985	10,400	14,600	cwt.	23.10	337,000

LIVESTOCK & POULTRY: (continued)

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVWEIGHT		PER UNIT	TOTAL
Turkeys	1986	7,701,000	161,721,000	lb.	.43	69,540,000
	1985	6,966,000	146,286,000	lb.	.47	68,754,000
Other <sup>b</sup>	1986					89,095,000
	1985					<u>78,757,000</u>
Total	1986					\$297,384,000
	1985					\$288,383,000*

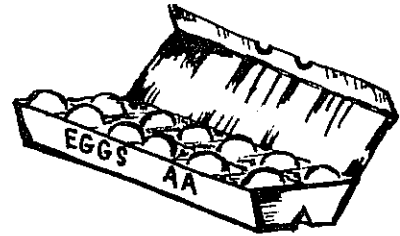
a Net feedlot gain

b Includes chickens, fish, game birds, and squab

\* Revised



## LIVESTOCK & POULTRY PRODUCTS



CROP	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Manure	1986	979,000	ton	\$ 5.70	\$ 5,580,000
	1985	801,000	ton	\$ 7.30	\$ 5,847,000
Milk					
Manufacturing	1986	72,800	cwt.	10.80	786,000
	1985	65,250*	cwt.	11.06	722,000*
Market	1986	10,238,900	cwt.	11.57	118,464,000
	1985	9,890,190*	cwt.	12.00	118,682,000*
Wool	1986	305,000	lb.	.69	210,000
	1985	518,000	lb.	.57	295,000



LIVESTOCK & POULTRY PRODUCTS: (continued)

CROP	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Eggs					
Chicken & Turkey <sup>a</sup>	1986	5,995,000	dozen	\$1.551	\$ 9,298,000
	1985	5,132,000	dozen	\$1.247	\$ 6,400,000
Total	1986				\$134,338,000
	1985				\$131,946,000*

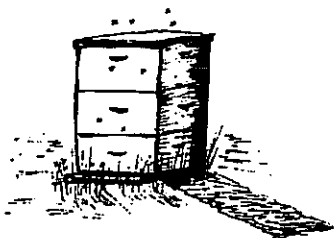
a Includes market eggs and hatching eggs

\* Revised

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

ITEM	January 1, 1987	January 1, 1986
Cattle and Calves		
All	363,000	360,000
Dairy and Beef Cows	103,000	93,000
Cattle on Feed	93,100	125,000
Stock Sheep and Lambs	80,000	79,000
Goats	900	800
Hogs and Pigs	5,200	5,400
Horses	19,000	19,000
Poultry	2,300,000	1,488,700

## APIARY PRODUCTS and POLLINATION SERVICES



ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Apiary Product <sup>a</sup>					
Honey	1986	1,445,000	lb.	\$ .61	\$ 881,000
	1985	1,654,000	lb.	\$ .56	\$ 926,000
Beeswax	1986	30,000	lb.	.60	18,000
	1985	23,300	lb.	1.16	27,000

APIARY: (continued)

ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Pollination <sup>b</sup>					
Seed Crops					
Alfalfa	1986	146,000	colony	\$18.00	\$2,628,000
	1985	124,000	colony	\$18.50	\$2,294,000
Tree Fruit <sup>c</sup>	1986	85,200	colony	22.60	1,926,000
	1985	105,000	colony	22.00	2,310,000
Cantaloupe	1986	41,600	colony	14.70	612,000
	1985	35,200	colony	13.40	<u>472,000</u>
Total	1986				\$6,065,000
	1985				\$6,029,000

- a Reflects bee colonies registered in Fresno County by commercial and semi-commercial beekeepers: 1986 - 39,013 colonies; 1985 - 47,360 colonies
- b Reflects value of pollination by all bee colonies located in Fresno County for pollination services during 1986. Estimated total colonies: 178,300
- c Almonds and plums



## TIMBER HARVEST



CROP	YEAR	PRODUCTION	UNIT (a)	VALUE (b)
Timber	1986	79,510,000	Board feet	\$3,628,000
	1985	87,534,000	Board feet	\$5,195,000

- a Board feet is the quantity of timber cut and sealed
- b Value of timber immediately prior to cutting

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

	1966	1976	1983	1984	1985	1986
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 -	2,002,448,900*			
1970 -	474,706,000*	1981 -	1,905,289,240*			
1971 -	507,930,000	1982 -	1,855,733,500			
1972 -	559,307,000*	1983 -	1,727,319,500			
1973 -	828,682,000*	1984 -	1,921,020,840*			
1974 -	967,350,000	1985 -	2,054,060,400*			
1975 -	1,026,356,000*	1986 -	2,125,721,600			
1976 -	1,178,373,000*					

SIX YEAR COMPARISON OF GROSS PRODUCTION VALUE IN FRESNO COUNTY

	1966	1976	1983	1984	1985	1986
Field Crops	\$ 144,589,000	\$ 426,163,000	\$ 481,053,000	\$ 522,738,000	\$ 545,842,000	\$ 483,687,000
Seed Crops	14,406,000	22,205,000	40,261,000	46,251,000	40,314,000	47,064,000
Vegetable Crops	43,430,000	170,079,000	290,898,000	319,163,000*	343,493,000	368,120,000
Fruit and Nut Crops	156,724,000	340,640,000	562,116,400	580,953,600	684,976,400*	775,104,600
Nursery Products	926,000	2,724,000	5,240,000	8,255,000	7,882,000	10,331,000
Livestock and Poultry	92,527,000	213,956,000	338,694,000	433,208,000	420,329,000*	431,722,000
Apiary	324,000	2,606,000	5,643,100	6,040,240	6,029,000	6,065,000
Timber Harvest	+	+	3,414,000	4,412,000	5,195,000	3,628,000
TOTAL	\$452,926,000	\$1,178,373,000*	\$1,727,319,500	\$1,921,020,840*	\$2,054,060,400*	\$2,125,721,600

\*Revised  
+Not reported