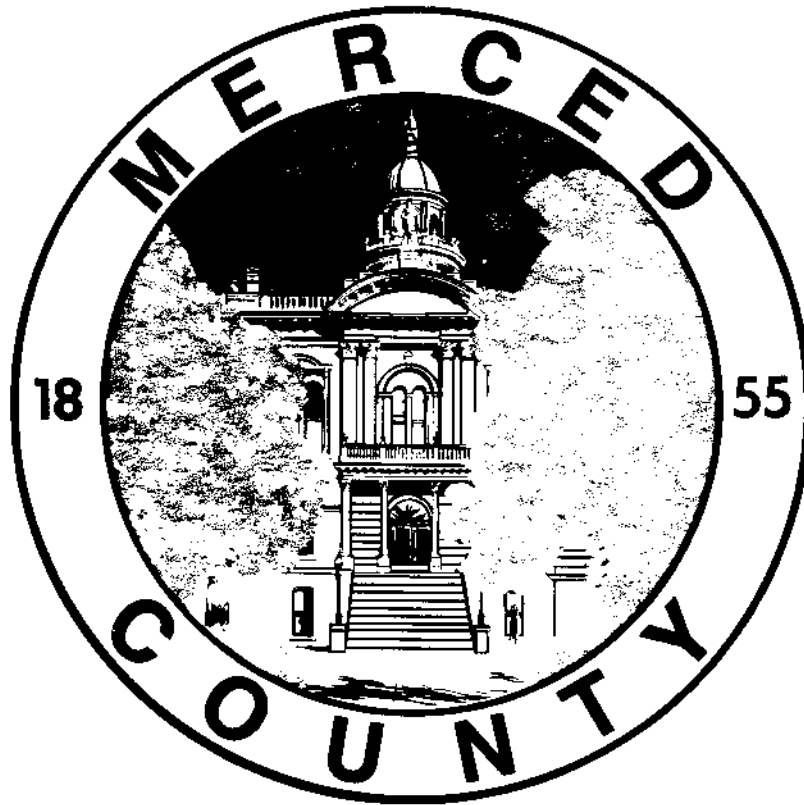


# 50th Annual Report of Agriculture



**1989**

Representing 50 Years of  
County Agricultural Production  
1939 - 1989

Merced County Department of Agriculture  
Merced, California

Michael J. Tanner, Agricultural Commissioner  
Gary Caseri, Assistant Agricultural Commissioner



## DEPARTMENT OF AGRICULTURE

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MICHAEL J. TANNER  
Agricultural Commissioner  
Director of Weights and Measures  
Director of Animal Control

GARY CASERH  
Assistant Agricultural Commissioner

TO: Henry J. Voss, Director, California Department of Food and Agriculture, and the Honorable Board of Supervisors of Merced County:

Dean Peterson, Chairman  
Wyatt "Dub" Davenport  
Ann Klinger

Michael Bogna  
Anthony Whitehurst

I am extremely pleased to submit the 1989 Agricultural Crop Report, the fiftieth, as required by Section 2279 of the California Food and Agricultural Code.

It is with great pride that I am able to announce a record smashing agricultural gross value of \$1,053,108,000 for Merced County. We have broken the magical one billion dollar barrier to become the sixth County in California of the 58 Counties to do so, and the fourth of the eight San Joaquin Valley Counties.

This year, to commemorate the 50th Annual Crop Report compiled by this office, we are featuring the first official report issued by the Agricultural Commissioner, Charles H. Kinsley, in 1939. Mr. Kinsley was Merced County Agricultural Commissioner from 1933 to 1945. He then joined the California Department of Food and Agriculture as a Regional Coordinator, retiring after 19 years in 1964. In that capacity, he served as liaison between the County Agricultural Commissioners and the State Department of Food and Agriculture. Mr. Kinsley was highly respected and dedicated to California agriculture.

Without a doubt, the Dairy Industry's production of milk is the County's number one agriculture industry in value at \$259,159,000. This was a \$41,136,000 increase due to higher production and price. Milk represents 24.6% of the total agriculture value. Chicken fryers and broilers, the number two commodity with the second highest gain, increased to \$161,295,000, up \$16,570,000. Price was fractionally up with production up over six million birds.

Market tomatoes made a strong showing for the second year in a row gaining \$13,558,000 advancing to \$35,378,000 due to increased acreage and price. Sweet potatoes enjoyed a good year increasing in value to \$34,776,000, up 35% due to 920 more acres and production up 29.7%. Turkeys increased to \$34,015,000 up \$9,443,000 as a result of 954,000 more produced and price slightly up.

Increased value of significance was also realized in the production of alfalfa hay, processing tomatoes, corn silage, sugar beets, silage (other), chicken eggs, freestone peaches and wine grapes.

Almonds, for the second year in a row, suffered the greatest loss of all commodities dropping \$23,960,000 to \$80,200,000 still retaining its third place ranking. This was due to a decline in production of 17.7% and price 12%. Cantaloupes, following a good year, plunged to \$10,109,000 losing \$7,420,000 as a result of less acreage, production down 40.5% and lower price.

Cattle and calves after making a gain in 1988, fell by \$5,690,000 to \$45,784,000 as numbers were down 12,000 head and price by 16.9%. Pistachios, on their alternate bearing year, dropped by \$4,835,000 as production was down 70% but price up 32%. Other significant losses occurred in alfalfa cubes and miscellaneous frozen fruit.

Merced County agriculture has made great strides and changed emphasis over the last 50 years while going from a twenty-one million to a one billion dollar industry. This report addresses the acreage, production and gross value of agricultural production in Merced County. It does not attempt to reflect net farm income or costs of production and marketing. This report also emphasizes an average production and average value of gross receipts. Value is based on farm gate prices except for fresh packed commodities which reflect an FOB, freight on board price.

I wish to express my sincere appreciation to those who have provided the information and assistance necessary for my staff to compile this crop report under the direction of Richard Carlson, Agricultural Biologist and Standards Inspector. My thanks to the growers of Merced County who truly make AGRICULTURE our number one and most valued industry.

Respectfully submitted,

*Michael J. Tanner*

Michael J. Tanner  
Agricultural Commissioner

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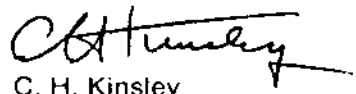
**ANNUAL REPORT OF AGRICULTURE**  
**1939**

We have attached hereto a statistical survey of Merced County agriculture. This is the first official survey which has been made by this office for a number of years because of lack of funds, making it impossible for us to carry on work of this character with the accuracy which we feel should characterize any statistics issuing from an official source. Chapter 317, Statutes of 1939, however, requires that the commissioner compile reports of condition, acreage, production and value of agricultural products in his county. The statute also authorizes the commissioner to publish such statistics and requires that a copy thereof be transmitted to the Director of Agriculture.

In view of this legislative mandate, Senior Inspector E. M. Lilley of the Merced County Department of Agriculture was assigned the task of gathering, compiling, and checking the necessary data. This, we feel, Inspector Lilley accomplished in a very creditable manner, at the same time recognizing that an absolutely accurate report of this kind can only be compiled on the basis of more extensive surveys of the sources of information than we were able to give with the funds and manpower which we could spare from regulatory activities.

In studying this report one should always keep in mind the fact that it is not the compilation of the net income of agriculture in Merced County. For instance, we have computed the value of alfalfa hay produced in this county as being \$3,226,728.00 and the value of milk as \$4,510,000.00. However, the bulk of the alfalfa hay produced in Merced County was consumed by dairy cattle within the county and, therefore, became an item of cost in the production of the milk and beef resulting therefrom. We have, wherever possible, given the farm value or the value f.o.b. local shipping point. In some cases, however, it has been impossible to do this because of the fact that such commodities as wine grapes are frequently sold delivered at the winery. In the case of beef cattle, sheep and apiary products, any figures we might compile would be subject to criticism because of the semi-migratory character of such businesses.

Respectfully submitted,

  
C. H. Kinsley  
Agricultural Commissioner

**FRUIT AND NUT CROPS - MERCED COUNTY  
SEASON 1939**

<b>CROP</b>	<b>PRODUCING ACRES</b>	<b>PRODUCTION</b>	<b>UNIT</b>	<b>VALUE</b>
ALMONDS	3,108	1,720	Ton	\$ 360,340
APPLES	19	2,470	Box	1,729
APRICOTS	979	5,385	Ton	67,312
CHERRIES	14	7.5	Ton	675
CHESTNUTS	3	1,500	Lbs.	90
CITRUS	15	1,200	Box	1,080
FIGS (Kadota)	2,541	10,926	Ton	464,355
FIGS (All Other)	6,602	6,461	Ton (Dry)	711,180
GRAPES (Raisin)	9,220	71,916	Ton	593,307
GRAPES (Table)	-----	-----	-----	-----
GRAPES (Ship't)	-----	1,120	Ton	21,280
GRAPES (Winery)	-----	15,256	Ton	137,304
GRAPES (Wine)	3,522	12,122	Ton	146,676
NECTARINES	89	320	Ton	5,800
OLIVES	64	96	Ton	4,800
PEACHES (Cling #1)	2,855	31,235	Ton	624,700
PEACHES (Cling #2)	-----	4,685	Ton	14,055
PEACHES (Freestone)	2,975	-----	Ton	-----
PEACHES (Shipping)	-----	3,583	Ton	59,100
PEACHES (Canning)	-----	1,800	Ton	31,500
PEACHES (Dried)	-----	2,577	Ton (Dry)	*345,010
PEARS	16	20	Ton	400
PECANS	13	2,100	Lbs.	210
PERSIMMONS	11	25	Ton	1,375
PLUMS	124	316	Ton	10,195
PRUNES	120	210	Ton (Dry)	11,550
POMEGRANATES	21	10	Ton	220
QUINCES	2	3	Ton	75
WALNUTS	1,198	780	Ton	136,500
<b>TOTAL</b>	<b>36,988</b>			<b>\$3,750,818</b>

\*This figure includes drying cost of \$103,080

## VEGETABLE CROPS

CROP	PRODUCING ACRES	PRODUCTION	UNIT	VALUE
ASPARAGUS	70	9,100	Crate	\$ 13,923
BEANS - K.W.	143	14,300	Crate	32,175
CANEBERRIES	200	160,000	Crate	64,000
CANTALOUPE	1,030	160,150	Crate	147,690
CARROTS	75	128,216	Doz. Bu.	10,257
CASABAS	95	523	Ton	3,138
CELERY	4	1,100	Crate	660
CUCUMBERS	12	1,920	Lug	672
EGGPLANT	26	33,180	Lug	10,949
GARLIC	37	7,400	Lug	7,400
HONEYDEWS	207	1,449	Ton	10,143
LETTUCE	48	8,400	Crate	5,040
PEAS	250	18,750	Hamper	9,375
PERSIANS	10	50	Ton	600
PEPPERS - BELL	93	57,660	Crate	27,100
ELEPHANT EARS (Yams)	3	7,000	Lbs.	280
POTATOES	321	53,286	Sack	47,957
ONIONS	225	54,657	Sack	34,445
SPINACH	185	27,750	Crate	15,263
STRAWBERRIES	65	76,440	Crate	55,037
SQUASH - ITALIAN	27	5,700	Lug	2,423
SWEET CORN	250	17,500	Sack	30,625
TOMATOES (Shipping)	1,097	642,500	Lug	391,925
TOMATOES (Cannery)	----	6,000	Ton	42,000
WATERMELONS	645	5,676	Ton	39,732
<b>TOTAL</b>	<b>5,118</b>	<b>----</b>	<b>----</b>	<b>\$1,002,809</b>

## FIELD CROPS

CROP	PRODUCING ACRES	PRODUCTION	UNIT	VALUE
ALFALFA	75,923	379,615	Ton	\$3,226,728
ALFALFA (Seed)	190	57,000	Lbs.	9.120
BARLEY	86,092	990,058	Sacks	824,718
BEANS (Black Eye)	7,120	46,280	Sacks	192,062
BEANS (Lima)	100	1,200	Sacks	3,360
BEANS (Pinto)	1,580	19,118	Sacks	76,472
BEANS (Bean Straw)	----	5,000	Ton	10,000
COTTON	19,644	19,762	Bale	963,398
COTTON (Seed)	----	7,658	Ton	*229,740
FLAX (Seed)	1,200	22,800	Bu.	45,600
GRAIN (Hay)	12,500	18,750	Ton	131,250
GRAIN (Pasture)	14,700	----	----	29,400
MILO	3,075	30,750	Sack	44,280
OATS	7,568	113,520	Sack	125,440
PEANUTS	800	520	Ton	33,800
PERMANENT PASTURE	12,637	----	----	215,925
PASTURE	----	----	----	738,790
RICE	2,364	56,547	Sack	73,511
RYE	160	960	Sack	2,083
SILAGE (Corn and Sorghum)	5,700	68,400	Ton	205,200
SUDAN (Seed)	532	5,320	Sack	10,640
SUDAN (Pasture)	13,950	----	----	167,400
STUBBLE	106,160	----	----	53,080
SWEET POTATOES	3,857	403,675	Crate	504,594
SEED	----	1,125	Ton	33,750
CULLS	----	4,820	Ton	14,460
WHEAT	10,500	89,250	Sack	168,683
<b>TOTAL</b>	<b>386,352</b>	<b>----</b>	<b>----</b>	<b>\$8,133,484</b>

\*Includes cost of ginning.

## NURSERY STOCK

ACRES - 68	PLANTS	VALUE
Fruit & Nut Trees	322,000	\$32,200
Rooted Grape Vines	355,000	4,260
Strawberry Plants	1,500,000	10,500
Ornamentals	75,000	14,550
Rose Bushes	90,000	9,000
Cactus	8,000	800
Citrus (Navel Oranges)	1,800	2,250
<b>TOTAL</b>	<b>2,351,800</b>	<b>\$73,560</b>

## DAIRY, LIVESTOCK, POULTRY AND BEES

Dairy Cattle - 81,929	
Milk - 12,000,000 lbs. Butter fat	\$4,510,000
Cows - Bulls - Calves - 45,000	815,000
(Sold for beef and breeders)	
Beef Cattle - 60,000	1,072,000
Sheep	
Lambs & Ewes - 53,250	252,938
Wool - 480,000 lbs.	105,000
Hogs - 23,000	322,000
Turkeys - 205,000	482,776
Poults - 300,000 sold	105,000
Eggs - 200,000	30,000
Chickens - 79,236 Cases eggs	437,383
Baby chicks - 500,000	40,000
Meat: Broilers, Roasters, Fryers	106,588
Bees	
Honey - 8,000 colonies - 360,000 lbs.	10,800
Beeswax - 5,400 lbs.	1,188
<b>TOTAL</b>	<b>\$8,290,673</b>

### SUMMARY

Fruit and Nut Crops .....	\$ 3,750,818
Field Crops .....	8,133,484
Vegetable Crops .....	1,002,809
Nursery Stock .....	73,560
Dairy Cattle .....	5,325,000
Beef Cattle .....	1,072,000
Sheep .....	357,938
Hogs .....	322,000
Turkeys .....	617,776
Chickens .....	583,971
Bees .....	11,988
<b>GRAND TOTAL:</b>	<b>\$21,251,344</b>

### CLASSIFICATION MERCED COUNTY ACREAGE

Land Farmed	Acres
Fruit and Nut Crops .....	36,988
Field and Vegetable Crops .....	270,670
Pasture Land - Not Arable .....	545,290
Arable Land Not Farmed (Mostly Pastured)	311,252
Sloughs - Rivers - Ponds - Brush	
Building Sites - Railroads	
Roads - Canals - Ditches .....	59,000
<b>TOTAL 1905 Sq. Miles</b>	<b>1,219,200 acres</b>



**FIELD CROPS  
ACREAGE, PRODUCTION AND VALUE 1989-1988**

CROPS	YEAR	ACREAGE		PRODUCTION		UNIT	VALUE	
		HARVESTED	PER ACRE	TOTAL	PER UNIT		TOTAL	
BARLEY	1989	3,050	1.65	5,030	Ton	\$106.00	\$ 533,000	
	1988	5,132	1.57	8,060	Ton	110.00	887,000	
BEANS (Dry Lima)	1989	3,200	1.06	3,390	Ton	676.00	2,292,000	
	1988	2,900	1.19	3,450	Ton	739.00	2,550,000	
BEANS (Dry Other)	1989	2,340	.89	2,080	Ton	562.00	1,169,000	
	1988	2,740	1.19	3,260	Ton	521.00	1,698,000	
CORN (Grain)	1989	8,580	4.47	38,400	Ton	140.00	5,376,000	
	1988	9,940	3.91	38,900	Ton	131.00	5,096,000	
COTTON (Lint)	1989	60,800	1,220 lbs.	148,400	500 lb. bale	355.00	52,682,000	
	1988	70,200	1,130 lbs.	158,700	500 lb. bale	325.00	51,578,000	
COTTON (Seed)	1989	-----	-----	59,500	Ton	150.00	8,925,000	
	1988	-----	-----	59,900	Ton	175.00	10,483,000	
HAY (Alfalfa)	1989	62,600	6.84	428,000	Ton	103.00	44,084,000	
	1988	57,100	6.76	386,000	Ton	97.70	37,712,000	
HAY (Alfalfa-Cube)	1989	7,910	6.35	50,200	Ton	118.00	5,924,000	
	1988	13,100	6.50	85,200	Ton	113.00	9,628,000	
HAY (Grain)	1989	18,800	2.92	54,900	Ton	77.80	4,271,000	
	1988	16,200	3.42	55,400	Ton	69.20	3,834,000	
HAY (Sudan)	1989	832	3.55	2,950	Ton	68.50	202,000	
	1988	156	4.00	624	Ton	70.00	44,000	
OATS (Grain)	1989	2,460	2.20	5,410	Ton	150.00	812,000	
	1988	2,308	1.61	3,720	Ton	165.00	614,000	
PASTURE (Irrigated)	1989	83,000	-----	-----	Acre	110.00	9,130,000	
	1988	83,000	-----	-----	Acre	110.00	9,130,000	
PASTURE (Other)	1989	557,000	-----	-----	Acre	12.50	6,963,000	
	1988	557,000	-----	-----	Acre	12.50	6,963,000	
RICE	1989	8,700	3.59	31,200	Ton	145.00	4,524,000	
	1988	8,900	3.64	32,400	Ton	140.00	4,536,000	
SAFFLOWER	1989	846	1.51	1,280	Ton	328.00	420,000	
	1988	460	1.25	575	Ton	290.00	167,000	
SILAGE (Corn)	1989	34,900	25.56	892,000	Ton	18.30	16,324,000	
	1988	28,400	22.20	630,000	Ton	18.00	11,340,000	
<sup>1</sup> SILAGE (Other)	1989	44,800	10.56	473,000	Ton	20.50	9,697,000	
	1988	32,900	10.67	351,000	Ton	17.20	6,037,000	
SORGHUM (Grain)	1989	390	2.49	970	Ton	80.00	78,000	
	1988	320	2.50	800	Ton	102.00	82,000	
STRAW	1989	-----	-----	1,600	Ton	35.00	56,000	
	1988	-----	-----	1,100	Ton	35.00	39,000	
<sup>2</sup> STUBBLE (Pasture)	1989	14,500	-----	-----	Acre	10.00	145,000	
	1988	12,100	-----	-----	Acre	10.00	121,000	
SUGAR BEETS	1989	16,800	28.45	478,000	Ton	43.70	20,889,000	
	1988	15,500	28.26	438,000	Ton	37.90	16,600,000	
WHEAT	1989	16,200	2.73	44,200	Ton	130.00	5,746,000	
	1988	12,900	2.71	35,000	Ton	120.00	4,200,000	
<b>TOTAL</b>	1989	933,208					\$200,242,000	
	1988	919,156					183,339,000	

<sup>1</sup> Includes Alfalfa, Earlage, Oats, Sudan and Winter Forage.

<sup>2</sup> Includes Alfalfa, Barley, Oats and Wheat. Stubble pasture not included in total acreage.

**NURSERY PRODUCTS  
PRODUCTION ACREAGE, SALES AND VALUE 1989-1988**

	YEAR	ACREAGE	TOTAL
<sup>1</sup> TOTAL	1989	631	\$11,905,000
	1988	671	13,248,000

<sup>1</sup>Includes Budwood, Pits and Cuttings; Citrus, Deciduous Fruit and Nut Trees; Grapevines; Roses; Tomato, and other Vegetable Plants; Semi-Tropical Ornamental and Shade Trees; Shrubs; Ornamental Plants, and Christmas Trees. The separate production and value are not shown to avoid disclosing individual operations.

**OTHER AGRICULTURE  
PRODUCTION AND VALUE 1989-1988**

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
FIREWOOD	1989	16,200	Cords	\$65.00	\$1,053,000
	1988	15,940	Cords	65.00	1,036,000
<sup>1</sup> Fuel (Cogeneration)	1989	77,800	Tons	17.10	1,330,000
	1988	56,600	Tons	10.30	614,000
<sup>2</sup> Manure	1989	1,344,000	Tons	5.58	7,500,000
	1988	1,326,000	Tons	5.34	7,081,000
<b>TOTAL</b>					\$9,883,000 8,731,000

<sup>1</sup> Almond Shells, Cotton Stalks, Orchard Prunings, Rice and Wheat Straw.

<sup>2</sup> Livestock, Poultry.

**SEED CROPS  
ACREAGE PRODUCTION AND VALUE 1989-1988**

**CERTIFIED SEED CROPS**

CROPS	YEAR	ACREAGE		PRODUCTION		UNIT	VALUE	
		HARVESTED	PER ACRE	TOTAL	PER UNIT		TOTAL	
BEANS	1989	150	1,800	270,000	Lb.	\$0.330	\$ 89,000	
	1988	149	1,860	277,000	Lb.	0.340	94,000	
<sup>1</sup> SEED CROPS (Miscellaneous)	1989	545	----	----	----	----	304,000	
	1988	1,145	----	----	----	----	588,000	
<b>TOTAL</b>	1989	695	----	----	----	----	\$393,000	
	1988	1,294	----	----	----	----	682,000	

**NON-CERTIFIED SEED CROPS**

BEANS	1989	922	2,151	1,983,000	Lb.	\$0.299	\$ 593,000
	1988	749	1,810	1,356,000	Lb.	0.260	353,000
<sup>2</sup> SEED CROPS (Miscellaneous)	1989	2,947					1,225,000
	1988	1,640					628,000
<b>TOTAL</b>	1989	3,869					\$1,818,000
	1988	2,389					981,000

**ALL SEED CROPS**

<b>TOTAL</b>	1989	4,564					\$2,211,000
	1988	3,683					1,663,000

<sup>1</sup> Includes certified seed from Alfalfa, Barley, Oats, Peppers, Rice, Rye and Wheat.

<sup>2</sup> Includes common seed from Cabbage, Carrot, Cucumber, Lettuce, Melons, Oats, Onions, Pepper, Rye, Squash, Tomato and Wheat.

**VEGETABLE CROPS  
ACREAGE, PRODUCTION AND VALUE 1989-1988**

CROPS	YEAR	ACREAGE		PRODUCTION		UNIT	VALUE	
		HARVESTED	PER ACRE	TOTAL	PER UNIT		TOTAL	
BEANS-LIMA	1989	3,930	1.59	6,250	Ton	\$500.00	\$ 3,125,000	
(Freezer)	1988	4,136	1.24	5,130	Ton	380.00	1,949,000	
MELONS	1989	8,231	148	1,218,000	90 lb. crates	8.30	10,109,000	
(Cantaloupe)	1988	9,324	208	1,939,000	90 lb. crates	9.04	17,529,000	
MELONS	1989	1,190	13.10	15,600	Ton	105.00	1,638,000	
(Watermelon)	1988	1,026	17.90	18,370	Ton	123.00	2,260,000	
MELONS	1989	1,063	5.03	5,350	Ton	185.00	990,000	
(Other)	1988	1,423	7.94	11,300	Ton	227.00	2,565,000	
PEAS	1989	1,130	1.60	1,810	Ton	237.00	429,000	
(Freezer)	1988	800	1.22	976	Ton	240.00	234,000	
PEPPERS	1989	1,156	6.47	7,480	Ton	512.00	3,830,000	
BELL (Market)	1988	1,236	6.42	7,940	Ton	401.00	3,184,000	
<sup>1</sup> PEPPERS	1989	-----	-----	218	Ton	176.00	38,000	
(Processing)	1988	-----	-----	3,440	Ton	158.00	544,000	
SWEET	1989	5,980	10.38	62,100	Ton	560.00	34,776,000	
POTATOES	1988	5,060	8.00	40,500	Ton	558.00	22,599,000	
TOMATOES	1989	5,720	-----	6,409,000	25 lb. ctns.	5.52	35,378,000	
(Market)	1988	5,240	-----	4,338,000	25 lb. ctns.	5.03	21,820,000	
TOMATOES	1989	8,150	31.10	253,000	Ton	56.10	14,193,000	
(Processing)	1988	6,050	29.90	181,000	Ton	48.20	8,724,000	
TOMATOES	1989	13,870		347,000	Ton		49,571,000	
(All)	1988	11,290		235,200	Ton		30,544,000	
<sup>2</sup> VEGETABLES	1989	1,796					3,663,000	
(Miscellaneous)	1988	1,892					3,329,000	
<b>TOTAL</b>	1989	38,346					\$108,169,000	
	1988	36,187					84,737,000	

<sup>1</sup>From Market Acreage and Processing Varieties.

<sup>2</sup>Includes Broccoli, Cabbage, Carrots, Cauliflower, Chili Peppers, Cucumber, Eggplant, Garlic, Lettuce, Onions, Processed Melons, Popcorn, Pumpkin, Radiccio, Spinach, Squash, String Beans and Sweet Corn.

**FRUIT AND NUT CROPS  
ACREAGE, PRODUCTION AND VALUE 1989-1988**

CROPS	YEAR	ACREAGE		PRODUCTION		UNIT	VALUE	
		HARVESTED		PER ACRE	TOTAL		PER UNIT	TOTAL
ALMONDS (Kernel Basis)	1989	64,645		.62	40,100	Ton	\$2,000.00	\$ 80,200,000
	1988	63,758		.73	46,500	Ton	2,240.00	104,160,000
ALMONDS (Hulls)	1989	-----		-----	82,200	Ton	67.00	5,507,000
	1988	-----		-----	94,600	Ton	54.70	5,175,000
APRICOTS	1989	1,563		5.52	8,630	Ton	256.00	2,209,000
	1988	1,333		6.12	8,160	Ton	333.00	2,717,000
FIGS (Cannery)	1989	175		3.80	665	Ton	300.00	200,000
	1988	175		3.50	613	Ton	280.00	172,000
FIGS (Dry)	1989	4,018		1.02	4,100	Ton	1,260.00	5,166,000
	1988	4,047		0.96	3,880	Ton	1,445.00	5,607,000
GRAPES (Raisin)	1989	815		1.76	1,430	Ton	920.00	1,316,000
	1988	1,419		1.95	2,770	Ton	888.00	2,460,000
GRAPES (Raisin to Wine)	1989	782		9.87	7,720	Ton	133.00	1,027,000
	1988	688		8.50	5,850	Ton	125.00	731,000
GRAPES (Wine)	1989	13,682		7.82	107,000	Ton	213.00	22,791,000
	1988	13,875		8.11	113,000	Ton	183.00	20,679,000
KIWIS	1989	43		4.47	192	Ton	1,450.00	278,000
	1988	43		5.70	245	Ton	1,480.00	363,000
NECTARINES	1989	166		7.30	1,210	Ton	644.00	779,000
	1988	216		7.60	1,640	Ton	577.00	946,000
OLIVES	1989	33		5.94	196	Ton	600.00	118,000
	1988	45		1.93	87	Ton	427.00	37,000
PEACHES (Clingstone)	1989	3,618		15.79	57,100	Ton	208.00	11,877,000
	1988	3,451		17.68	61,000	Ton	204.00	12,444,000
PEACHES (Freestone)	1989	1,565		15.65	24,500	Ton	161.00	3,945,000
	1988	706		15.65	11,000	Ton	150.00	1,650,000
Misc. Frozen Fruit (Berries, Grapes)	1989	-----		-----	817	Ton	499.00	408,000
	1988	-----		-----	14,300	Ton	174.00	2,488,000
PISTACHIOS	1989	3,610		0.27	975	Ton	3,800.00	3,705,000
	1988	3,678		0.90	3,310	Ton	2,580.00	8,540,000
PLUMS	1989	159		3.32	528	Ton	589.00	311,000
	1988	150		2.39	359	Ton	710.00	255,000
PRUNES	1989	1,783		2.84	5,060	Ton	867.00	4,387,000
	1988	1,657		2.72	4,510	Ton	736.00	3,319,000
WALNUTS (English)	1989	7,507		1.64	12,300	Ton	980.00	12,054,000
	1988	7,618		1.60	12,200	Ton	1,000.00	12,200,000
Miscellaneous	1989	2,869						15,039,000
	1988	3,036						15,886,000
<b>TOTAL</b>	1989	107,033						\$171,317,000
	1988	105,895						199,829,000

<sup>1</sup> Includes Apples, Black Walnuts, Cherries, Citrus, Fresh Peaches, Pecans, Persimmons and Table Grapes.

## FRUIT AND NUT ACREAGE PLANTING 1989-1984

CROPS	YEAR 1989		YEAR 1984	
	BEARING	NON-BEARING	BEARING	NON-BEARING
ALMONDS	64,645	4,569	58,254	7,335
APPLES	2,162	470	1,388	775
APRICOTS	1,563	192	1,535	141
CHERRIES	146	60	64	81
FIGS (Cannery)	175	----	962	----
FIGS (Dry)	3,381	3	558	2,354
GRAPES (Raisin)	2,112	3	3,207	57
GRAPES (Table)	219	----	108	50
GRAPES (Wine)	13,692	441	15,517	910
KIWI	38	----	43	----
NECTARINES	166	54	214	20
OLIVES	60	14	112	----
ORANGES	49	----	50	5
PEACHES (Clingstone)	3,618	795	3,533	433
PEACHES (Freestone)	1,731	117	1,745	250
PEARS	----	17	15	----
PECANS	59	13	15	----
PERSIMMONS	13	----	13	----
PISTACHIOS	3,610	454	1,173	3,256
PLUMS	245	48	145	154
PRUNES	1,783	460	1,446	261
WALNUTS (Black)	2	----	53	18
WALNUTS (English)	7,507	1,016	7,428	1,177
MISCELLANEOUS AND BERRIES	83	----	38	68
<b>TOTAL</b>	<b>107,059</b>	<b>8,735</b>	<b>97,667</b>	<b>17,365</b>

## LIVESTOCK AND POULTRY PRODUCTS 1989-1988

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
EGGS-CHICKEN (Market)	1989	32,415,000	Doz.	\$ 0.62	\$ 20,097,000
	1988	38,037,000	Doz.	0.45	17,117,000
EGGS (Hatching)	1989	10,402,000	Each	0.63	6,553,000
	1988	8,175,000	Each	0.57	4,660,000
MILK (Goat)	1989	7,220	Cwt.	24.50	177,000
	1988	6,430	Cwt.	23.80	153,000
MILK (Market)	1989	19,896,000	Cwt.	12.34	245,517,000
	1988	18,749,000	Cwt.	10.88	203,989,000
MILK (Manufacturing)	1989	1,176,000	Cwt.	11.60	13,642,000
	1988	1,419,000	Cwt.	9.89	14,034,000
WOOL	1989	571,000	Lb.	1.54	879,000
	1988	549,000	Lb.	0.99	544,000
<b>TOTAL</b>	1989				\$286,865,000
	1988				240,497,000

## BEE INDUSTRY 1989-1988

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
BEESWAX	1989	19,000	Lb.	\$ 1.05	\$ 20,000
	1988	21,300	Lb.	.85	18,000
<sup>1</sup> BULK BEES	1989	10,000	Lb.	4.00	40,000
	1988	1,000	Lb.	4.00	4,000
<sup>2</sup> HONEY	1989	988,000	Lb.	0.390	385,000
	1988	1,106,000	Lb.	0.398	440,000
<sup>3</sup> POLLINATION	1989	145,200	Colony	25.40	3,688,000
	1988	127,300	Colony	23.70	3,017,000
QUEENS	1989	9,000	Each	5.11	46,000
	1988	8,000	Each	5.20	42,000
<b>TOTAL</b>	1989				\$4,179,000
	1988				3,521,000

<sup>1</sup> Includes bees sold as nuclei.

<sup>2</sup> Honey produced by 35,500 colonies in 1989 and 32,300 colonies in 1988 owned by resident beekeepers.

<sup>3</sup> Pollination colonies include all required to pollinate crops grown in Merced County.

**LIVESTOCK AND POULTRY  
PRODUCTION AND VALUE 1989-1988**

ITEM	YEAR	NUMBER OF		UNIT	VALUE	
		HEAD	LIVEWEIGHT		PER UNIT	TOTAL
CATTLE AND CALVES	1989	123,000	776,000	Cwt.	\$ 59.00	\$ 45,784,000
	1988	135,000	746,000	Cwt.	69.00	51,474,000
CHICKENS (Fryers and Broilers)	1989	92,461,000	441,905,000	Lb.	0.365	161,295,000
	1988	86,243,000	400,899,000	Lb.	0.361	144,725,000
CHICKENS (Other)	1989	1,317,000	5,260,000	Lb.	0.246	1,294,000
	1988	1,150,000	4,261,000	Lb.	0.223	950,000
GOATS	1989	870	----	Each	44.00	38,000
	1988	790	----	Ech	36.00	28,000
HOGS AND PIGS	1989	59,500	119,000	Cwt.	51.80	6,164,000
	1988	55,200	117,000	Cwt.	47.30	5,534,000
HORSES	1989	1,110	----	Each	925.00	1,027,000
	1988	1,110	----	Each	925.00	1,027,000
<sup>1</sup> POULTRY (Miscellaneous)	1989	215,000	252,000	Lb.	2.60	655,000
	1988	240,000	302,000	Lb.	2.66	803,000
SHEEP AND LAMBS	1989	70,600	94,100	Cwt.	57.90	5,448,000
	1988	68,100	89,800	Cwt.	59.60	5,352,000
TURKEYS	1989	4,375,000	89,513,000	Lb.	0.380	34,015,000
	1988	3,421,000	70,609,000	Lb.	0.348	24,572,000
<b>TOTAL</b>	1989					\$255,720,000
	1988					234,465,000

<sup>1</sup> Chukar, Pheasant, Poussin.

**AQUACULTURE  
PRODUCTION AND VALUE 1989-1988**

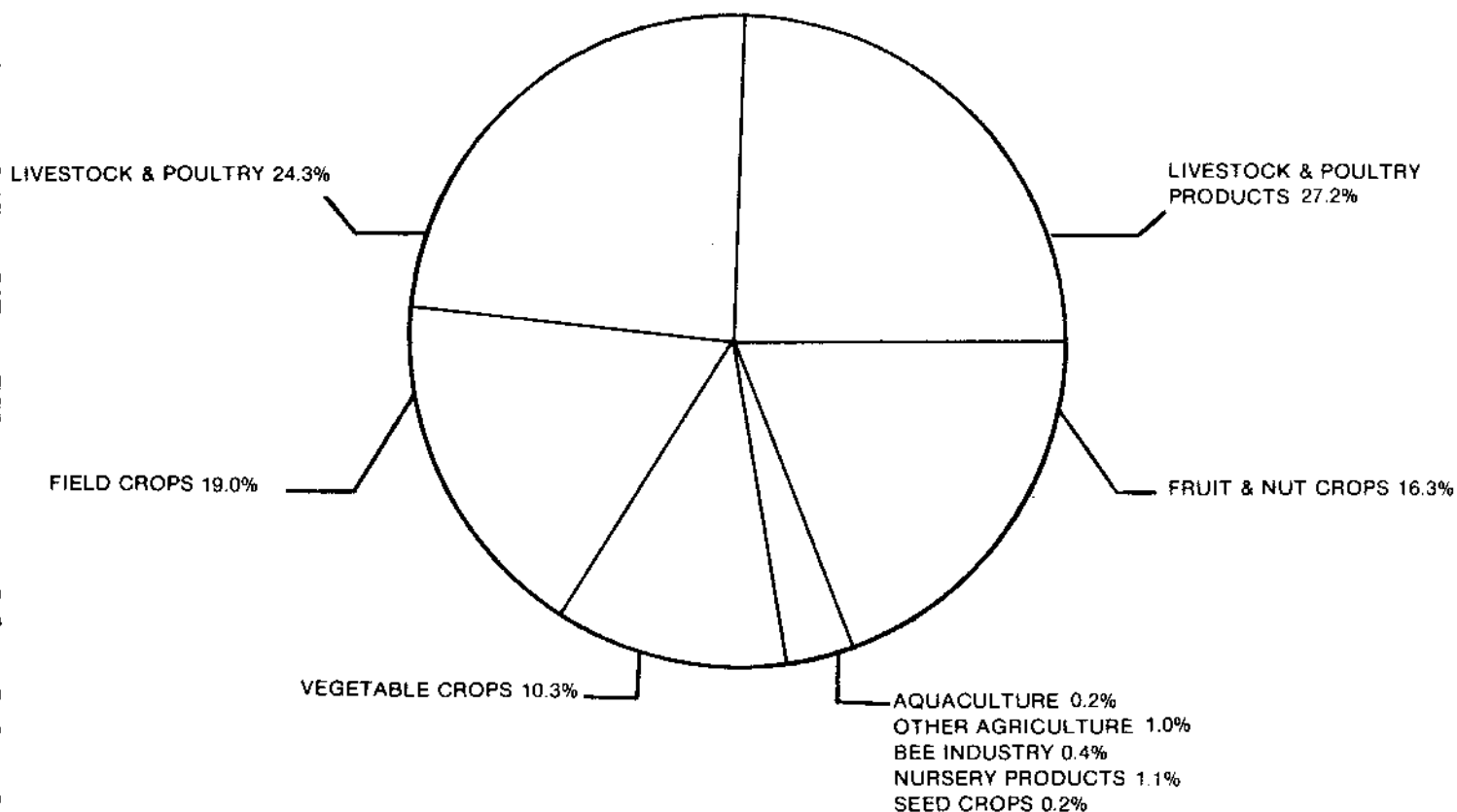
ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
<sup>1</sup> FISH FOR FOOD	1989	738,000	Lbs.	\$ 1.78	\$1,314,000
	1988	611,000	Lbs.	1.38	1,843,000
<sup>2</sup> FISH (Miscellaneous)	1989	34,284,000	Each	0.038	1,303,000
	1988	50,274,000	Each	0.0458	2,304,000
<b>TOTAL</b>	1989				\$2,617,000
	1988				3,147,000

<sup>1</sup>Catfish, Stripers, Trout

<sup>2</sup>Fingerlings, Goldfish



**PERCENTAGE COMPARISON CHART FOR COMMODITIES**



**\*GOVERNMENT PAYMENTS**

BARLEY	\$ 46,000	HONEY	\$ 191,000	SORGHUM	\$ 8,000
CORN	842,000	RICE	2,175,000	WHEAT	551,000
COTTON	9,928,000	LIVESTOCK FEED	1,235,000	WOOL	85,000

**\*\*CROPS NOT HARVESTED IN 1988**

BROCCOLI	70 Acres	GRAPES, RAISIN	515 Acres	PEPPERS, BELL	184 Acres	TOMATOES, FRESH	86 Acres
CANTALOUPE	280 Acres	OLIVES	27 Acres	PLUMS	86 Acres		

\*Amounts not included in total value of each crop for 1989 (Source: ASCS Office).

\*\*The reported planted acreages were not harvested due to crop failures, adverse weather, poor market or inability to harvest and transport.

COMMODITY VALUE CROP COMPARISON SUMMARY 1989-1939

COMMODITIES	1989	1988	1979	1969	1959	1949	1939
AQUACULTURE	\$ 2,617,000	\$ 3,147,000	\$ -----	\$ -----	\$ -----	\$ -----	\$ -----
BEE INDUSTRY	4,179,000	3,521,000	2,006,000	536,000	110,000	58,000	12,000
FIELD CROPS	200,242,000	183,339,000	157,795,000	40,862,000	37,508,000	27,973,000	8,113,000
FRUIT AND NUTS	171,317,000	199,829,000	155,830,000	25,763,000	15,022,000	8,091,000	3,751,000
LIVESTOCK & POULTRY	255,720,000	234,465,000	182,653,000	46,947,000	22,287,000	18,711,000	3,196,000
LIVESTOCK & POULTRY PRODUCTS	286,865,000	240,497,000	136,015,000	38,222,000	25,230,000	19,768,000	5,082,000
NURSERY PRODUCTS	11,905,000	13,248,000	12,011,000	2,170,000	3,982,000	1,687,000	74,000
OTHER AGRICULTURE	9,883,000	8,731,000	-----	-----	-----	-----	-----
SEED CROPS	2,211,000	1,663,000	3,228,000	756,000	943,000	21,000	20,000
VEGETABLE CROPS	108,169,000	84,737,000	51,419,000	17,229,000	10,607,000	4,576,000	1,003,000
<b>TOTAL</b>	<b>\$1,053,108,000</b>	<b>\$973,177,000</b>	<b>\$700,957,000</b>	<b>\$172,485,000</b>	<b>\$115,689,000</b>	<b>\$80,887,000</b>	<b>\$21,251,000</b>

TWELVE LEADING FARM COMMODITIES 1989

MILK	259,159,000 (1)	CATTLE	45,784,000 (5)
CHICKENS	162,589,000 (2)	SWEET POTATOES	34,776,000 (9)
ALMONDS	80,200,000 (3)	TURKEYS	34,015,000 (8)
COTTON	52,682,000 (4)	GRAPES, WINE	23,818,000 (10)
ALFALFA	50,008,000 (6)	SUGAR BEETS	20,889,000 (13)
TOMATOES	49,571,000 (7)	EGGS	20,097,000 (12)

NUMBER TO RIGHT OF LISTING DENOTES 1988 RANKING