

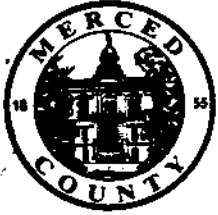
ANNUAL REPORT OF AGRICULTURE



1994

**MERCED COUNTY DEPARTMENT OF AGRICULTURE
MERCED, CALIFORNIA**

**MICHAEL J. TANNER, AGRICULTURAL COMMISSIONER
GARY CASERI, ASSISTANT AGRICULTURAL COMMISSIONER**



DEPARTMENT OF AGRICULTURE

AGRICULTURAL COMMISSIONER • WEIGHTS AND MEASURES • ANIMAL CONTROL

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

GARY CASERI
Assistant Agricultural Commissioner

TO: HENRY J. VOSS, SECRETARY, CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE AND THE HONORABLE BOARD OF SUPERVISORS OF MERCED COUNTY:

JERRY O'BANION, CHAIRMAN
GLORIA CORTEZ-KEENE
ANN KLINGER

JOE RIVERO
DEAN PETERSON

It is with pleasure that I submit the 1994 Agricultural Crop Report, in accordance with provisions of Section 2279 of the California Food and Agriculture Code.

I am pleased to report that the Merced County gross agriculture production value has reached a new high of \$1,251,723,000. This is 4% higher, \$49,091,000, than in 1993 and the sixth straight year of over one billion dollars in value. While the 1994 crop year started out with mixed weather detrimental to some crops, overall, the year continued favorably for most commodities, resulting in another record breaking year.

Milk outpaced all commodities increasing \$23,816,000 for a total of \$335,841,000 to maintain its number one position, more than double the number two commodity. Production was up 7% with a slightly higher price.

After three consecutive years of dramatic decline, chicken fryers and broilers have turned around to gain \$20,855,000. Production was up 11,253,000 birds and the price was higher by seven tenths of a cent per pound, for a total of \$123,464,000. Chickens remain in third place. Tomatoes moved into fifth place as a result of a \$16,170,000 increase for fresh market tomatoes. This was due to a yield per acre increase of 5.6% and price per carton increase of 29%. Processing tomatoes were also up slightly in yield and value.

Cotton surpassed its record setting yield of 1992 to set a new high of 1,408 pounds of lint per acre. Value was up \$10,750,000 for a total of \$87,075,000, holding its grip on fourth place. There were 2,900 fewer acres, however, production increased 53 pounds per acre, and price was up ten cents a pound. Sweet potatoes increased \$5,330,000 for a total of \$43,624,000. Although acreage was down slightly and yield decreased 1.8%, the per ton price was up 16.9%.

Increased value of significance was also realized in prunes, almond hulls, silage corn, and cantaloupes.

Two new categories have been added to the Crop Report this year - strawberries, formerly reported under miscellaneous fruit and nut crops, and ostriches.

After exceptionally high prices the prior year, almonds plunged in value by \$23,163,000 to \$152,100,000, but still retained the number two position of leading farm commodities. Even though acreage was up 2,318 acres and yield per acre increased 300 pounds to 1,700 pounds, an all time high, the price dropped 58 cents per pound. Walnuts dropped by \$7,137,000 to \$7,728,000 due to less acreage, a production decline of 15%, and a value per ton drop of 36%. Pistachios lost \$4,383,000 as yield and price per ton declined by 20.9% and 28% respectively. Other big losses were in clingstone peaches, turkeys, cattle and calves, other melons, cotton seed, and sheep and lambs.

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 farmgate prices except for fresh packed commodities which reflect an FOB, freight on board, price.

I want to express my sincere appreciation to those persons who have provided the information and assistance necessary for my staff to compile this report under the direction of Loyd McCollum, Agricultural Biologist III. My thanks to the growers and industry members of Merced County who truly make AGRICULTURE our number one and most valued industry.

Respectfully submitted,

Michael J. Tanner
Agricultural Commissioner

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AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

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FIELD CROPS

ACREAGE, PRODUCTION AND VALUE 1994 - 1993

CROP	YEAR	ACREAGE HARVESTED	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BARLEY	1994	6,990	2.21	15,450	Ton	\$106.00	\$1,638,000
	1993	6,590	2.06	13,580	Ton	\$101.00	\$1,372,000
BEANS (Dry Lima)	1994	3,440	1.22	4,200	Ton	\$712.00	\$2,990,000
	1993	2,850	1.24	3,530	Ton	\$709.00	\$2,503,000
BEANS (Dry Other)	1994	3,700	1.02	3,770	Ton	\$697.00	\$2,628,000
	1993	2,900	.99	2,870	Ton	\$675.00	\$1,937,000
CORN * (Grain)	1994	4,580	4.11	18,800	Ton	\$121.00	\$2,275,000
	1993	5,540	4.98	27,600	Ton	\$126.00	\$3,478,000
COTTON (Lint)	1994	76,300	1,408 Lbs.	215,000	500 Lb. Bale	\$405.00	\$87,075,000
	1993	79,200	1,355 Lbs.	215,000		\$355.00	\$76,325,000
COTTON (Seed)	1994	---	---	73,600	Ton	\$150.00	\$11,040,000
	1993	---	---	75,300	Ton	\$170.00	\$12,801,000
HAY (Alfalfa)	1994	70,500	7.08	499,000	Ton	\$118.00	\$58,882,000
	1993	70,900	6.61	469,000	Ton	\$109.00	\$51,121,000
HAY (Alfalfa-Cube)	1994	4,920	6.37	31,300	Ton	\$128.00	\$4,006,000
	1993	4,320	6.40	27,600	Ton	\$118.00	\$3,257,000
HAY (Grain)	1994	20,000	3.01	60,200	Ton	\$77.35	\$4,656,000
	1993	18,200	3.14	57,100	Ton	\$62.40	\$3,563,000
HAY (Sudan)	1994	820	4.15	3,400	Ton	\$85.00	\$289,000
	1993	690	7.75	5,300	Ton	\$60.00	\$318,000
OATS (Grain)	1994	3,100	1.47	4,560	Ton	\$168.00	\$766,000
	1993	2,700	1.33	3,590	Ton	\$165.00	\$592,000
PASTURE (Irrigated)	1994	80,000	---	---	Acre	\$120.00	\$9,600,000
	1993	80,000	---	---	Acre	\$120.00	\$9,600,000
PASTURE (Other)	1994	551,000	---	---	Acre	\$15.00	\$8,265,000
	1993	553,000	---	---	Acre	\$15.00	\$8,295,000
RICE	1994	5,840	3.99	23,300	Ton	\$154.00	\$3,588,000
	1993	4,390	4.08	17,900	Ton	\$165.00	\$2,954,000
SAFFLOWER	1994	2,960	1.28	3,790	Ton	\$302.00	\$1,145,000
	1993	3,760	1.00	3,760	Ton	\$306.00	\$1,151,000
SILAGE (Corn)	1994	46,500	25.23	1,173,000	Ton	\$19.83	\$23,261,000
	1993	45,000	24.81	1,116,000	Ton	\$19.37	\$21,617,000
SILAGE ** (Other)	1994	50,400	10.95	552,000	Ton	\$19.05	\$10,516,000
	1993	47,300	12.21	578,000	Ton	\$18.70	\$10,809,000
SORGHUM (Grain)	1994	---	---	---	Ton	---	---
	1993	60	2.27	136	Ton	\$97.33	\$13,000
STRAW	1994	---	---	2,300	Ton	\$35.00	\$81,000
	1993	---	---	2,000	Ton	\$35.00	\$70,000
STUBBLE *** (Pasture)	1994	9,870	---	---	Acre	\$10.00	\$99,000
	1993	9,700	---	---	Acre	\$10.00	\$97,000
SUGAR BEETS	1994	9,020	25.66	231,000	Ton	\$40.15	\$9,275,000
	1993	8,900	27.63	246,000	Ton	\$39.97	\$9,833,000
WHEAT	1994	11,700	2.72	31,800	Ton	\$117.00	\$3,721,000
	1993	11,850	2.63	31,200	Ton	\$100.00	\$3,120,000
TOTAL	1994	951,770					\$246,798,000
	1993	948,150					\$224,826,000

* Includes Human Consumption Corn (but not fresh corn).

** Includes Alfalfa, Barley, Earlage, Oats, Rye, Sorghum, Sudan, Wheat and Winter Forage.

*** Includes Alfalfa, Barley, Oats and Wheat. Stubble pasture not included in total acreage.

NURSERY PRODUCTS PRODUCTION ACREAGE, SALES AND VALUE 1994 - 1993

	YEAR	ACREAGE	TOTAL
TOTAL	1994	1,110	\$14,923,000
	1993	1,300	\$14,803,000

Includes Budwood, Pits and Cuttings; Citrus, Deciduous Fruit and Nut Trees; Dried Flowers, Grapevines; Greenhouse Plants; Roses; Strawberry Plants, 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 1994 - 1993

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
FIREWOOD	1994	20,200	Cord	\$83.00	\$1,677,000
	1993	19,600	Cord	\$82.00	\$1,607,000
FUEL * (Cogeneration)	1994	79,000	Ton	\$20.24	\$1,599,000
	1993	129,000	Ton	\$23.69	\$3,056,000
MANURE **	1994	1,024,000	Ton	\$4.88	\$4,997,000
	1993	906,000	Ton	\$5.01	\$4,539,000
TOTAL	1994				\$6,273,000
	1993				\$9,202,000

* Almond Shells, Orchard Prunings, Orchard Removal (Recorded in Wet Tons)

** Livestock, Poultry

SEED CROPS ACREAGE AND VALUE 1994 - 1993

CERTIFIED SEED CROPS

CROPS	YEAR	ACREAGE HARVESTED	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
SEED CROPS * (Miscellaneous)	1994	293	---	---	---	---	\$206,000
	1993	564	---	---	---	---	\$290,000
TOTAL	1994 1993	293 564					\$206,000 \$290,000

NON-CERTIFIED SEED CROPS

CROPS	YEAR	ACREAGE HARVESTED	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
SEED CROPS ** (Miscellaneous)	1994	5,020	---	---	---	---	\$1,829,000
	1993	2,740	---	---	---	---	\$919,000
TOTAL	1994 1993	5,020 2,740					\$1,829,000 \$919,000

ALL SEED CROPS

	YEAR	ACREAGE HARVESTED	TOTAL
TOTAL	1994 1993	5,313 3,304	\$2,035,000 \$1,209,000

* Includes certified seed from Rice, Wheat and Rye.

** Includes common seed from Alfalfa, Barley, Cabbage, Carrot, Cauliflower, Corn, Cucumber, Melons, Oats, Onions, Pepper, Rye, Squash, and Wheat.

VEGETABLE CROPS ACREAGE, PRODUCTION AND VALUE 1994 - 1993

CROP	YEAR	ACREAGE HARVESTED	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS, LIMA (Freezer)	1994	2,590	1.52	3,940	Ton	\$440.00	\$1,734,000
	1993	2,580	1.70	4,390	Ton	\$400.00	\$1,756,000
MELONS (Cantaloupe)	1994	10,500	430	4,515,000	40 Lb. Carton	\$4.13	\$18,647,000
	1993	11,200	360	4,032,000	Carton	\$4.26	\$17,176,000
MELONS (Watermelon)	1994	920	16.76	15,400	Ton	\$102.00	\$1,571,000
	1993	1,170	16.67	19,500	Ton	\$97.00	\$1,892,000
MELONS (Other)	1994	2,580	7.64	19,700	Ton	\$245.00	\$4,827,000
	1993	3,200	7.73	24,700	Ton	\$287.00	\$7,089,000
PEAS (Freezer)	1994	1,600	1.63	2,610	Ton	\$300.00	\$783,000
	1993	210	1.50	320	Ton	\$254.00	\$81,000
PEPPERS, BELL (Market)	1994	490	11.66	5,710	Ton	\$488.00	\$2,786,000
	1993	600	12.84	7,700	Ton	\$409.00	\$3,149,000
PEPPERS (Processing)	1994	---	---	---	Ton	---	---
	1993	---	---	300	Ton	\$210.00	\$63,000
SWEET POTATOES	1994	5,460	12.01	65,600	Ton	\$665.00	\$43,624,000
	1993	5,500	12.23	67,300	Ton	\$569.00	\$38,294,000
TOMATOES (Market)	1994	7,970	1128	8,990,000	25 Lb. Carton	\$5.70	\$51,243,000
	1993	7,430	1068	7,935,000	Carton	\$4.42	\$35,073,000
TOMATOES (Processing)	1994	10,800	35.66	385,000	Ton	\$51.77	\$19,931,000
	1993	10,900	34.81	379,000	Ton	\$48.47	\$18,370,000
VEGETABLES * (Miscellaneous)	1994	2,360	---	---	---	---	\$6,878,000
	1993	3,560	---	---	---	---	\$7,106,000
TOTAL	1994	45,270					\$152,024,000
	1993	46,350					\$130,049,000

* Includes Asparagus, Basil, Broccoli, Cabbage, Cauliflower, Celantro, Chili Peppers, Cucumber, Dill, Eggplant, Endive, Garlic, Okra, Onions, Oriental Vegetables, Popcorn, Pumpkin, Radicchio, String Beans, Sweet Corn, Squash, Tomatillos, and Dried Tomatoes.

FRUIT AND NUT CROPS ACREAGE, PRODUCTION AND VALUE 1994 - 1993

CROP	YEAR	ACREAGE HARVESTED	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
ALMONDS (Kernel Basis)	1994	68,837	.85	58,500	Ton	\$2,600.00	\$152,100,000
	1993	66,519	.70	46,600	Ton	\$3,761.00	\$175,263,000
ALMONDS (Hulls)	1994	---	---	123,000	Ton	\$68.70	\$8,450,000
	1993	---	---	97,900	Ton	\$67.60	\$6,618,000
APRICOTS	1994	2,003	6.84	13,700	Ton	\$283.00	\$3,877,000
	1993	1,997	5.77	11,500	Ton	\$289.00	\$3,324,000
FIGS (Dry)	1994	3,313	1.21	4,010	Ton	\$1,772.00	\$7,106,000
	1993	3,345	1.24	4,150	Ton	\$1,654.00	\$6,864,000
GRAPES (Raisin)	1994	1,674	1.71	2,860	Ton	\$998.00	\$2,854,000
	1993	1,190	1.78	2,100	Ton	\$1,000.00	\$2,100,000
GRAPES (Raisin to Wine)	1994	180	8.76	1,580	Ton	\$121.00	\$191,000
	1993	310	9.47	2,940	Ton	\$134.00	\$394,000
GRAPES (Wine)	1994	12,716	8.82	112,000	Ton	\$251.00	\$28,112,000
	1993	12,838	8.87	114,000	Ton	\$242.00	\$27,588,000
KIWI	1994	41	8.22	337	Ton	\$1,580.00	\$532,000
	1993	37	6.57	243	Ton	\$1,414.00	\$344,000
NECTARINES	1994	196	12.49	2,450	Ton	\$596.00	\$1,460,000
	1993	203	11.34	2,300	Ton	\$769.00	\$1,769,000
PEACHES (Clingstone)	1994	4,094	17.41	71,300	Ton	\$172.00	\$12,264,000
	1993	4,049	17.79	72,000	Ton	\$220.00	\$15,840,000
PEACHES (Freestone)	1994	1,713	18.95	32,500	Ton	\$185.00	\$6,013,000
	1993	1,667	17.46	29,100	Ton	\$184.00	\$5,354,000
PISTACHIOS	1994	4,315	.72	3,110	Ton	\$2,070.00	\$6,438,000
	1993	4,133	.91	3,760	Ton	\$2,878.00	\$10,821,000
PLUMS	1994	172	3.08	530	Ton	\$470.00	\$249,000
	1993	180	3.86	695	Ton	\$432.00	\$300,000
PRUNES	1994	2,118	2.60	5,507	Ton	\$1,046.00	\$5,760,000
	1993	2,096	1.54	3,230	Ton	\$1,065.00	\$3,440,000
STRAWBERRIES	1994	538	13.51	7,270	Ton	\$688.00	\$5,002,000
	1993	---	---	---	Ton	---	---
WALNUTS (English)	1994	6,147	1.31	8,050	Ton	\$960.00	\$7,728,000
	1993	6,435	1.54	9,910	Ton	\$1,500.00	\$14,865,000
MISCELLANEOUS FROZEN FRUIT *	1994	---	---	9,900	Ton	\$67.00	\$663,000
	1993	---	---	3,850	Ton	\$626.00	\$2,410,000
MISCELLANEOUS **	1994	3,900	---	---	---	---	\$9,084,000
	1993	4,352	---	---	---	---	\$12,917,000
TOTAL	1994	111,957					\$257,883,000
	1993	109,351					\$280,211,000

* Includes Berries, Grapes, and Melons.

** Includes Apples, Fresh Berries, Cherries, Citrus, Pecans, Pears, Persimmons, Table Grapes, Cannery Figs, and Fresh Peaches.

FRUIT AND NUT ACREAGE PLANTING 1994 - 1989

CROPS	YEAR 1994		YEAR 1989	
	BEARING	NON-BEARING	BEARING	NON-BEARING
ALMONDS	68,837	5,296	64,645	4,569
APPLES	2,730	203	2,162	470
APRICOTS	2,003	104	1,563	192
BERRIES	144	95	---	---
CHERRIES	218	137	146	60
FIGS	3,313	52	3,556	3
GRAPES (Raisin)	1,674	16	2,112	3
GRAPES (Table)	223	100	219	---
GRAPES (Wine)	12,716	1,047	13,692	441
KIWI	41	---	38	---
MANDARINS	30	---	---	---
NECTARINES	196	18	166	54
OLIVES	62	---	60	14
ORANGES	48	---	49	---
PEACHES (Clingstone)	4,094	313	3,618	795
PEACHES (Freestone)	1,713	486	1,731	117
PEARS	21	---	---	17
PECANS	42	2	59	13
PERSIMMONS	13	---	13	---
PISTACHIOS	4,317	165	3,610	454
PLUMS	172	48	245	48
PRUNES	2,118	258	1,783	460
WALNUTS (English)	6,147	800	7,507	1,016
TOTAL	110,872	9,140	106,974	8,726

LIVESTOCK AND POULTRY PRODUCTS 1994 - 1993

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
EGGS, CHICKEN (Market)	1994	39,711,000	Dozen	\$0.44	\$17,473,000
	1993	36,781,000	Dozen	\$0.51	\$18,758,000
EGGS (Hatching)	1994	7,865,000	Each	\$0.66	\$5,191,000
	1993	9,376,000	Each	\$0.65	\$6,094,000
MILK (Goat)	1994	22,200	Cwt.	\$27.50	\$611,000
	1993	19,000	Cwt.	\$25.37	\$482,000
MILK (Market)	1994	27,924,000	Cwt.	\$11.51	\$321,405,000
	1993	26,013,000	Cwt.	\$11.44	\$297,589,000
MILK (Manufacturing)	1994	1,263,000	Cwt.	\$11.43	\$14,436,000
	1993	1,259,000	Cwt.	\$11.05	\$13,912,000
WOOL	1994	421,000	Pound	\$0.70	\$295,000
	1993	379,000	Pound	\$0.53	\$201,000
TOTAL	1994				\$359,411,000
	1993				\$337,036,000

BEE INDUSTRY 1994 - 1993

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
BEESWAX	1994	14,200	Pound	\$1.45	\$21,000
	1993	16,000	Pound	\$1.50	\$24,000
BULK BEES *	1994	25,200	Pound	\$4.50	\$113,000
	1993	15,500	Pound	\$4.50	\$70,000
HONEY **	1994	928,000	Pound	\$0.470	\$436,000
	1993	1,744,000	Pound	\$0.487	\$849,000
POLLINATION ***	1994	151,000	Colony	\$31.28	\$4,723,000
	1993	149,000	Colony	\$28.52	\$4,249,000
QUEENS	1994	2,000	Each	\$6.00	\$12,000
	1993	3,800	Each	\$6.00	\$23,000
TOTAL	1994				\$5,305,000
	1993				\$5,215,000

- * Includes bees sold as nuclei.
- ** Honey produced by 28,400 registered resident colonies in 1994 and 32,000 colonies for 1993.
- *** Pollination colonies include all required to pollinate crops grown in Merced County.

LIVESTOCK AND POULTRY PRODUCTION AND VALUE 1994 - 1993

ITEM	YEAR	NUMBER OF HEAD	LIVEWEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
CATTLE AND CALVES	1994	151,000	859,000	Cwt.	\$52.85	\$45,226,000
	1993	110,700	803,000	Cwt.	\$59.85	\$48,060,000
CHICKENS (Fryers and Broilers)	1994	75,430,000	374,133,000	Pound	\$0.330	\$123,464,000
	1993	64,177,000	317,676,000	Pound	\$0.323	\$102,609,000
CHICKENS (Other)	1994	1,350,000	7,196,000	Pound	\$0.173	\$1,245,000
	1993	1,047,000	5,863,000	Pound	\$0.211	\$1,237,000
GOATS	1994	2,000	---	Each	\$65.00	\$130,000
	1993	1,460	---	Each	\$65.00	\$95,000
OSTRICHES *	1994	2,500	---	---	---	\$3,750,000
	1993	---	---	---	---	---
HOGS AND PIGS	1994	52,600	86,000	Cwt.	\$59.28	\$5,098,000
	1993	60,000	99,000	Cwt.	\$63.50	\$6,287,000
POULTRY ** (Miscellaneous)	1994	63,000	134,000	Pound	\$3.05	\$409,000
	1993	61,000	122,000	Pound	\$3.19	\$389,000
SHEEP AND LAMBS	1994	37,800	39,000	Cwt.	\$53.81	\$2,099,000
	1993	57,000	62,000	Cwt.	\$57.15	\$3,543,000
TURKEYS	1994	2,893,000	58,815,000	Pound	\$0.399	\$23,467,000
	1993	3,263,000	67,381,000	Pound	\$0.397	\$26,750,000
TOTAL	1994					\$204,888,000
	1993					\$188,970,000

* Not reported in 1993.

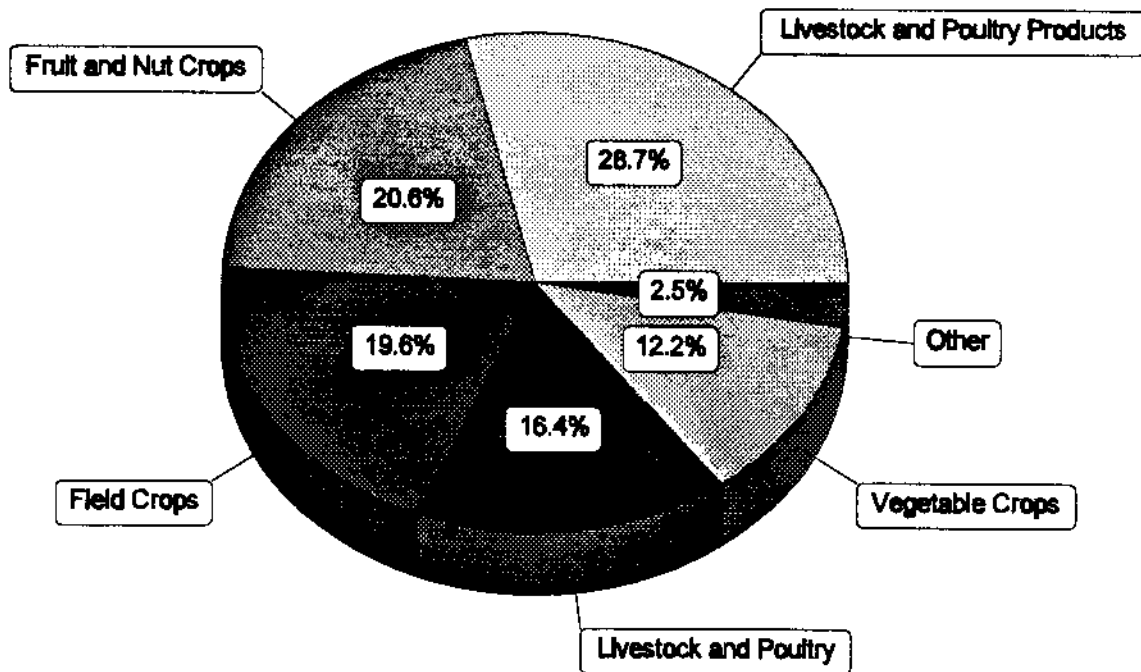
** Chuckar, Pheasant, Squab.

AQUACULTURE PRODUCTION AND VALUE 1994 - 1993

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
FISH *	1994	693,000	Pound	\$1.71	\$1,185,000
	1993	771,000	Pound	\$1.70	\$1,311,000
TOTAL	1994				\$1,185,000
	1993				\$1,311,000

* Catfish, Trout, Bass

PERCENTAGE COMPARISON CHART BY VALUE



GOVERNMENT PAYMENTS *

BARLEY.....\$76,000	COTTON.....\$4,217,000	SORGHUM.....\$9,000
CORN.....\$290,000	OATS.....\$2,000	WHEAT.....\$483,000
	RICE.....\$970,000	

CROPS NOT HARVESTED IN 1994 **

LETTUCE.....62 Acres	PUMPKINS.....4 Acres	SQUASH.....15 Acres
SORGHUM.....59 Acres	OLIVES.....62 Acres	PISTACHIOS.....2 Acres

* Amounts not included in total value of each crop for 1994. (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 1994 - 1968

COMMODITIES	1994	1993	1988	1983	1978	1973	1968
AQUACULTURE	\$1,185,000	\$1,311,000	\$3,147,000	----	----	----	----
BEE INDUSTRY	\$5,305,000	\$5,215,000	\$3,521,000	\$3,031,000	\$2,021,000	\$1,595,400	\$289,180
FIELD CROPS	\$245,798,000	\$224,826,000	\$183,339,000	\$156,920,000	\$96,344,000	\$76,936,600	\$39,729,200
FRUIT AND NUTS	\$257,883,000	\$290,211,000	\$199,829,000	\$93,382,000	\$86,243,000	\$69,085,560	\$24,519,840
LIVESTOCK AND POULTRY	\$204,888,000	\$188,970,000	\$234,465,000	\$174,255,000	\$132,959,000	\$83,386,000	\$41,023,800
LIVESTOCK AND POULTRY PRODUCTS	\$359,411,000	\$337,036,000	\$240,497,000	\$215,455,000	\$118,519,000	\$72,020,000	\$34,843,100
NURSERY PRODUCTS	\$14,923,000	\$14,603,000	\$13,248,000	\$8,017,000	\$7,336,000	\$5,720,000	\$1,888,000
OTHER AGRICULTURE	\$8,273,000	\$9,202,000	\$8,731,000	----	----	----	----
SEED CROPS	\$2,035,000	\$1,209,000	\$1,663,000	\$1,381,000	\$2,643,000	\$842,000	\$892,400
VEGETABLE CROPS	\$152,024,000	\$130,049,000	\$84,737,000	\$69,309,000	\$50,828,000	\$32,689,000	\$23,120,700
TOTAL	\$1,251,723,000	\$1,202,632,000	\$973,177,000	\$721,750,000	\$496,893,000	\$344,254,560	\$186,306,220

TWELVE LEADING FARM COMMODITIES 1994

1. MILK	\$335,841,000	(11)	7. CATTLE	\$45,226,000	(7)
2. ALMONDS	\$152,100,000	(2)	8. SWEET POTATOES	\$43,624,000	(8)
3. CHICKENS	\$124,709,000	(3)	9. GRAPES, WINE	\$28,303,000	(9)
4. COTTON	\$87,075,000	(4)	10. TURKEYS	\$23,467,000	(10)
5. TOMATOES	\$71,174,000	(5)	11. CORN SILAGE	\$23,261,000	(11)
6. ALFALFA	\$62,888,000	(5)	12. CANTALOUPE	\$18,647,000	(14)

(Number in parenthesis denotes 1993 ranking)

MERCED COUNTY SUSTAINABLE AGRICULTURE BIOLOGICAL CONTROL 1994

PEST	ORGANISM	SCOPE OF PROGRAM *
GRAPELEAF SKELETONIZER <u>Harrisina brillians</u>	<u>Ametadoria misella</u> (Parasitic Fly) <u>WGLS Granulosis</u> (Virus) <u>Apanteles harrisinae</u> (Parasitic Wasp)	Countywide
PUNCTURE VINE <u>Tribulus terrestris</u>	<u>Microlarinus jarenyi</u> (Seed Weevil) <u>Microlarinus lyroriformis</u> (Stem Weevil)	Countywide
MILK THISTLE <u>Silybum marianum</u>	<u>Rhinocyllus conicus</u> (Seed-Head Weevil)	Countywide
ITALIAN THISTLE <u>Carduus tenuiflorus</u>	<u>Rhinocyllus conicus</u> (Seed-Head Weevil)	Limited
YELLOWSTAR THISTLE <u>Centaurea solstitialis</u>	<u>Bangasternus orientalis</u> (Seed-Head Weevil) <u>Urophora sirupaseva</u> (Seed-Head Gall Fly) <u>Eustenopus villosus</u> (Hairy Weevil)	Two Sites One Site One Site
RUSSIAN THISTLE <u>Salsoia iberica</u>	<u>Coleophora klimeschiella</u> (Case Bearing Moth) <u>Coleophora parthenica</u> (Russian Thistle Borer)	Seven Sites
WATER HYACINTH <u>Eichornia crassipes</u>	<u>Sameodes albiquittalis</u> (Hyacinth Moth) <u>Neochetina eichorniae</u> (Mottled Hyacinth Weevil)	Six Sites
ASH WHITEFLY <u>Siphoninus phillyrea</u>	<u>Encarsia partenonea</u> (Parasitic Wasp)	Countywide
KLAMATH WEED <u>Hypericum perforatum</u>	<u>Chrysolina quadrigemina</u> (Leaf Feeding Beetle)	Two Sites

* Represents total number of individual sites, trees, acres, etc., incorporated in program efforts (survey, trap, servicing, releases, etc.)

MERCED COUNTY SUSTAINABLE AGRICULTURE PEST EXCLUSION 1994

PEST INTERCEPTED	SOURCE	SCOPE OF PROGRAM
Water Spinach Seed/Noxious Weed	Ethnic Market/Hong Kong	1 Rejection/Destroyed
Unknown Bean Weevil	Ethnic Market/Thailand	2 Rejections/Destroyed
Gypsy Moth Eggs	Boat/Maine	1 Rejection/Destroyed
Quackgrass (Noxious Weed)	Nursery Stock/Oregon	1 Rejection/Released After ID
Plum Curculio/Blueberry Maggot	Apples/Michigan	1 Rejection/Destroyed
European Corn Borer	Hollyhock/UPS	1 Rejection/Destroyed

MERCED COUNTY SUSTAINABLE AGRICULTURE ORGANIC FARMING 1994

CROP	NUMBER OF FARMS	ACRES
SWEET POTATOES	6	487
ALMONDS	11	420
GRAPES	1	25
PLUMS	1	8
PEACHES	2	14
ASIAN PEARS	1	3
POPCORN	1	50
WALNUTS *	1	4
PERSIMMONS *	1	1
PISTACHIOS	1	94
PEARS	1	10

* Non-Certified Programs.