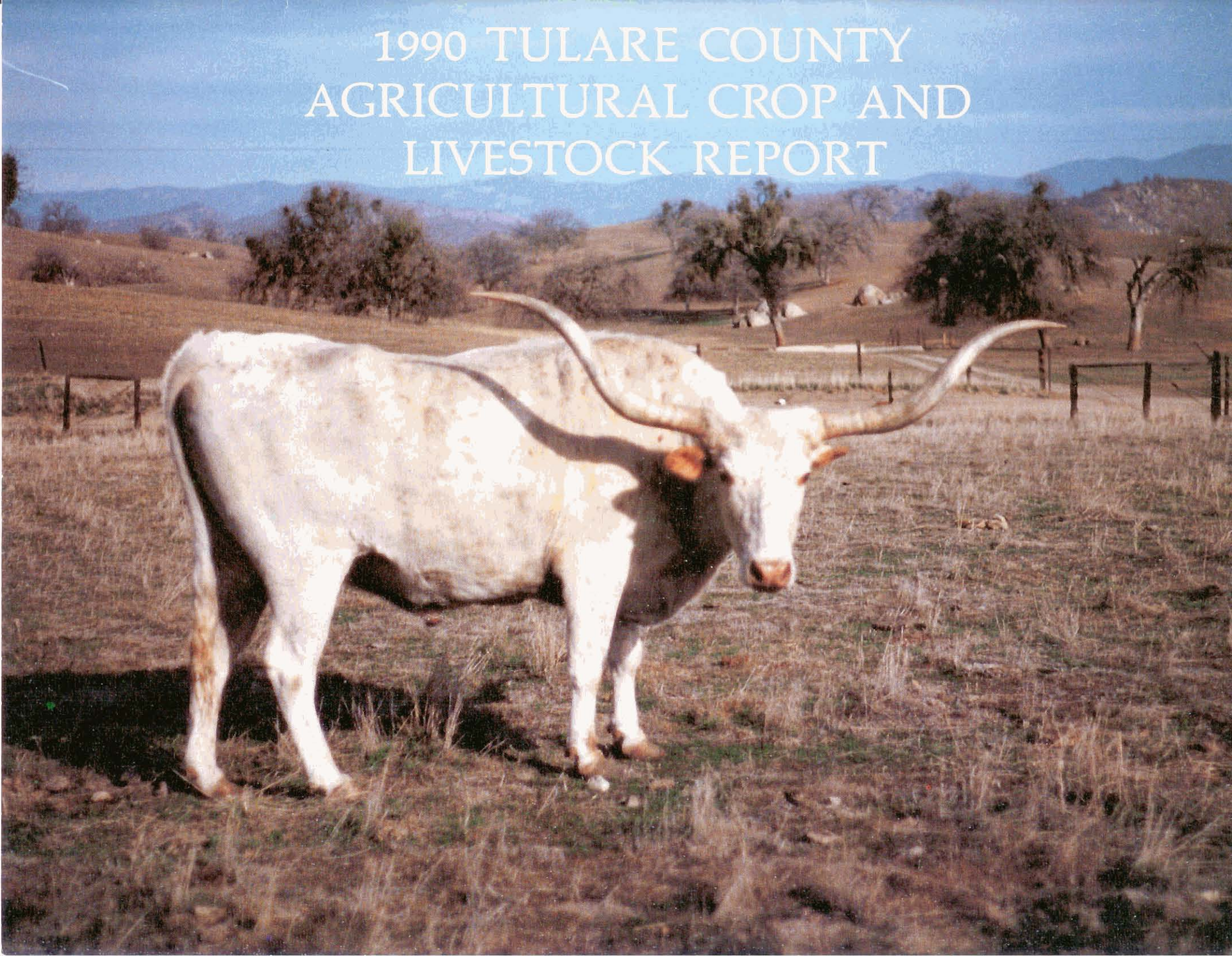
1990 TULARE COUNTY AGRICULTURAL CROP AND LIVESTOCK REPORT



AGRICULTURAL COMMISSIONER SEALER

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LENORD L. CRAFT

HENRY J. VOSS, DIRECTOR
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

1991

AND

THE HONORABLE BOARD OF SUPERVISORS
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County Executive Officer

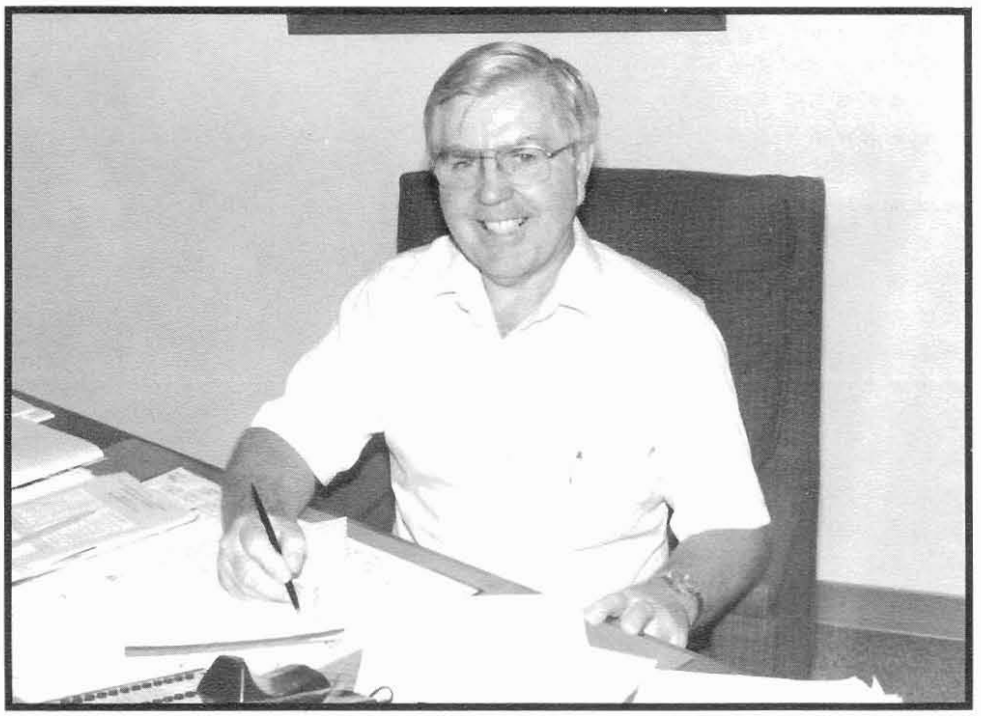
In accordance with the provisions of Section 2279 of the California Agricultural Code, I am pleased to submit the Annual Crop Report of the acreage, production, and valuation of the agricultural commodities produced in Tulare County during the calendar year 1990. This report will also serve to document the efforts made in support of sustainable agriculture during the 1990 crop year as required by Food and Agricultural Code Section 2272.

This report is the result of information gathered from many sources, and as always, it must be emphasized that the figures are gross returns to the producer and do not indicate actual net profit. It should also be noted that the effects of the devastating freeze which began in late December of 1990 will not be reflected in this report, but rather beginning with the 1991 crop year compilation.

I wish to express my sincere appreciation to the many producers, processors and agencies, both private and governmental, who assisted in compiling this report. I would also like to thank all the members of my staff, particularly Bob Chilton and R. Dennis Haines, whose input and hard work made the publication of this report possible.

Respectfully submitted,

Lenord L. Craft
Agricultural Commissioner/Sealer



DEDICATION

CLYDE R. CHURCHILL

The 1990 Tulare County Annual Crop and Livestock Report is dedicated to Clyde R. Churchill who served the agricultural community in Tulare County for more than thirty-seven years, seventeen of these as County Agricultural Commissioner and Director of Weights and Measures. The management and staff wish Clyde and his family all the best in his well-deserved retirement.

THE TULARE COUNTY CATTLE INDUSTRY

BY BOB MILLER
TULARE COUNTY LIVESTOCK FARM ADVISOR (RET)
CURRENTLY LIVESTOCK SPECIALIST
SIERRA WESTERN AGRICULTURAL SERVICES, INC.
Exeter, California 93221

California's Central Valley counties lead the State in beef cattle numbers, with Tulare County ranking about 8th. Fruits and nuts, dairies, citrus, cotton, grapes and corn are all evident when out on a Sunday drive; although few may realize that beef cattle production is 4th in income of all agricultural commodities produced in Tulare County.

The production of cattle is the oldest agricultural industry in Tulare County. Over time, cattle have been branded to establish legal ownership; and in California, brands were first registered with the County Recorder. The first brand in Tulare County was the JF Brand recorded by John Fancher in 1852. In 1917, the law changed and brands, in order to be legal, were registered with the State Department of Livestock Identification. On November 17, 1917, the JF Brand was registered by J. L. Guthrie, who raised cattle in the White River area in southeastern Tulare County, and is still being used by the Guthrie Family.

In the early days, cattle were pastured on the Valley floor and in the foothill areas. As farming began, Valley land was fenced and cattle production moved to the foothill areas, where most of the beef cattle are presently being raised. In prior times many of the cow herds spent the winter and spring in the foothills and then were moved to the high mountain meadows for the summer. While there are still cattle grazing National Forest meadows, numbers have been reduced and none are currently allowed in the National Parks.

The feed supply in the foothill areas consists of native annual grasses and clovers. Rains generally occur in the fall and will sprout new grass. This grass, along with the dry feed left from the previous season, provides winter forage for the livestock. The cattle also are fed some hay during the cold winter months. Calves are born in the fall and early winter and weaned from their mothers the following summer. This cycle corresponds with feed supply. Most of the feed grows in the spring when the soil is moist and the weather is warm. This flush of spring growth normally provides enough feed to carry the cow herd into the next growing season.

In recent years, stocker cattle have been used to graze foothill grass and have replaced and/or reduced cow numbers. Stocker cattle are thin steers and heifers that are turned out on foothill areas in the fall and are sold the following spring after gaining 150 to 200 lbs/head.

During the 1950's and 60's the feedlot industry greatly expanded in the Southern San Joaquin Valley. California had a one-time capacity of about 100,000 head. Tulare County's ideal feeding climate and extensive mechanization made local operations highly efficient. However, California does not produce enough grain to feed its livestock population. Therefore, large amounts of grain had to be brought in from the Midwest to service the feedlot industry. When fuel prices sharply increased in the mid 1970's it became unprofitable to feed cattle in the San Joaquin Valley. One highly integrated lot is still in business and a number of specialty lots are operating. However, all that remains of much of the feedlot period are the large grain storage silos, which indicate the end of an era.

The economics of the cattle business can be either good or bad — depending on the year. Most cattlemen are in the business for a "way of life;" for the cowboy on horseback creates a romantic image. What the outsider may not be aware of are the many hours of fixing fence, feeding hay, improving springs, avoiding rattlesnakes and other arduous tasks necessary in the day-to-day care of the cattle and the ranch.

As with all agriculture, production of cattle has its problems. Diseases, rustling, drive-by shootings, off-road vehicle traffic, increased costs of fuel, transportation and supplies, and increasing government regulations are just a few which can plague the industry. Drought has also caused serious disruptions to production.

In spite of all these problems, the highest and best use of the 650,000 acres of rangeland is grazing by cattle. The cattle business in Tulare County is certainly here to stay.

AGRICULTURAL COMMISSIONER/SEALER OF WEIGHTS & MEASURES

Lenord L. Craft

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DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

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C. Lynn Thomas

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John R. Carter
Bob Chilton
Thomas Zikratch

STAFF BIOLOGIST

R. Dennis Haines

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Margaret See
George Simpson

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Tricia Wafford

ACCOUNT CLERK

Joan Grant
Wanda Merritt

OFFICE ASSISTANT II

Laurie Smaglik
Diana Cox

Reported By: Bob Chilton and R. Dennis Haines
Cover Photo By: Marvin Clark, Ag. & Stds. Inspector
Taken at Larry Southard's White River Ranch.

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TULARE COUNTY AGRICULTURAL ACREAGE STATISTICS

ORCHARD CROPS	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
CITRUS			
Grapefruit	227	277	504
Lemons	4,020	132	4,152
Limes	3	X	3
Navels	56,876	3,588	60,464
Valencias	24,503	1,395	25,898
Tangerines	1,260	152	1,412
TOTAL	86,889	5,544	92,433
DECIDUOUS AND GRAPES			
Almonds	8,977	386	9,363
Apples	908	222	1,130
Apricots	413	127	540
Avocados	1,140	53	1,193
Cherries	33	104	137
Figs	40	5	45
Grapes			
Table	20,331	2,404	22,735
Raisin	32,602	1,002	33,604
Wine	10,003	1,639	11,642
Kiwifruit	1,789	214	2,003
Nectarines	8,021	1,967	9,988
Olives	13,083	2,016	15,099
Peaches			
Cling	749	195	944
Freestone	5,201	1,481	6,682
Pears & Asian Pears	474	260	734
Pecans	569	370	939
Persimmons	628	91	719
Pistachio Nuts	4,077	956	5,033
Plums	16,373	1,864	18,237
Pomegranates	1,442	15	1,457
Prunes	5,033	538	5,571
Quince	118	17	135
Walnuts	22,907	1,446	24,353
Miscellaneous A/	63	190	253
TOTAL	154,974	17,562	172,536
Total Grapes	62,936	5,045	67,981
Total Orchard Crops	178,927	18,061	196,988
TOTAL	241,863	23,106	264,969

A/ Includes: Dates, Grape Rootstock, Guava/Feijoa and Jojoba.

FIELD CROPS

	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Value Total
Alfalfa - Hay	1990	105,000	9.00	945,000	Ton	108.00	102,060,000
	1989	90,000	8.83	795,000	Ton	101.00	80,295,000
Silage	1990	X	3.50A/	122,000	Ton	29.00	3,538,000
	1989	X	2.50	74,200	Ton	20.00	1,484,000
Barley	1990	23,100	2.59	59,800	Ton	119.00	7,116,000
	1989	17,000	2.32	39,400	Ton	118.00	4,649,000
Beans - Dry	1990	14,200	1.13	16,000	Ton	580.00	9,280,000
	1989	18,000	1.07	19,300	Ton	534.00	10,306,000
Corn - Grain	1990	8,000	5.12	41,000	Ton	109.00	4,469,000
	1989	10,600	4.50	47,700	Ton	106.00	5,056,000
Silage	1990	60,200	25.00	1,505,000	Ton	20.00	30,100,000
	1989	48,300	23.00	1,111,000	Ton	21.50	23,886,000
Cotton - Lint B/	1990	136,000	1,170.00	321,000	Bale	76.80	123,439,000
	1989	137,000	1,100.00	304,000	Bale	72.00	109,598,000
Seed	1990	X	X	131,000	Ton	154.00	20,174,000
	1989	X	X	125,000	Ton	158.00	19,750,000
Pasture & Range Irrigated	1990	12,500	X	X	Acre	110.00	1,375,000
	1989	16,500	X	X	Acre	110.00	1,815,000
Native	1990	650,000	X	X	Acre	12.00	7,800,000
	1989	650,000	X	X	Acre	12.00	7,800,000
Other	1990	56,000	X	X	Acre	15.00	840,000
	1989	43,000	X	X	Acre	15.00	645,000
Silage - Small Grain C/	1990	34,800	14.50	505,000	Ton	17.00	8,585,000
	1989	24,500	14.00	343,000	Ton	16.00	5,488,000
Sorghum Grain	1990	3,600	2.25	8,100	Ton	96.00	778,000
	1989	2,200	2.42	5,320	Ton	90.00	479,000
Sugar Beets	1990	4,200	28.40	119,000	Ton	32.00	3,808,000
	1989	3,900	33.20	129,000	Ton	38.20	4,928,000

FIELD CROPS

	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Value Total
Wheat	1990	51,200	2.70	138,000	Ton	113.00	15,594,000
	1989	46,800	2.71	127,000	Ton	129.00	16,383,000
Miscellaneous D/	1990	20,039	X	X	X	X	3,044,000
	1989	13,200	X	X	X	X	2,758,000
TOTAL	1990	1,178,839					342,000,000
	1989	1,121,000					295,320,000

A/ Green weight basis.
B/ Yield per acre in pounds lint, production total in 495 lbs. net weight bales, unit value in dollars per lint hundredweight.
C/ Includes Barley, Oats, and Winter Forage.
D/ Includes Oat Grain, Oat Hay, Safflower, Straw, and Sudan Grass.

SEED CROPS

	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Value Total
Cotton-Registered or Certified A/	1990	4,353	X	3,610	Ton	265.00B/	957,000
	1989	3,848	X	2,580	Ton	261.00	673,000
Wheat-Registered or Certified	1990	8,014	2.60	20,800	Ton	125.00	2,600,000
	1989	6,955	2.69	18,700	Ton	144.00	2,693,000
Miscellaneous C/	1990	881	X	X	X	X	771,000
	1989	977	X	X	X	X	530,000
TOTAL	1990	8,895					4,328,000
	1989	7,932					3,896,000

A/ Not included in total acreage for "Seed Crops".
B/ Includes $30.00 Per acre approval.
C/ Includes Alfalfa, Barley, Cowpeas, Oats, and Sudan Grass.

VEGETABLE CROPS

	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Value Total
Cucumbers - Fresh	1990	182	12.60	2,290	Ton	560.00	1,282,000
	1989	190	15.20	2,890	Ton	411.00	1,188,000
Tomatoes - Fresh	1990	639	16.80	10,700	Ton	579.00	6,195,000
	1989	636	17.60	11,200	Ton	441.00	4,939,000
Miscellaneous A/	1990	8,108	X	X	X	X	25,570,000
	1989	7,330	X	X	X	X	19,458,000
TOTAL	1990	8,929					33,047,000
	1989	8,156					25,585,000

A/ Includes: Asparagus, Basil, Bittermelon, Broccoli, Cabbage, Cantaloupe, Cauliflower, Crenshaw Melons, Dill, Eggplant, Garlic, Gourds, Honeydew Melons, Lettuce, Long Beans, Okra, Onions, Oriental Vegetables, Peppers, Potatoes, Pumpkins, Snap Beans, Spinach, Squash, Sugar Peas, Sweet Corn, Tomatoes (Processed), Turnips and Watermelons.

INDUSTRIAL CROPS

	Reporting Year	Production Total	Production Unit	Value Per Unit	Value Total
Timber Harvested A/	1990	58,700,000	Board Ft.	0.105	6,164,000
	1989	36,500,000	Board Ft.	0.083	3,030,000
Miscellaneous	1990	X	X	X	521,000
	*1989	X	X	X	X
TOTAL	1990				6,685,000
	1989				3,030,000

A/ Previous year's production & value based on information provided by Timber Tax Division, Property Taxes Dept., State Board of Equalization.

* Not reported in 1989.

FRUIT AND NUT CROPS

	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Value Total
Almonds - Meats	1990	8,977	.76	6,820	Ton	1,620.00	11,048,000
	1989	8,787	.69	6,060	Ton	2,260.00	13,696,000
Hulls	1990	X	X	17,300	Ton	68.00	1,176,000
	1989	X	X	15,400	Ton	76.00	1,170,000
Apples	1990	908	13.40	12,200	Ton	576.00	7,027,000
	1989	256	8.44	2,160	Ton	518.00	1,119,000
Apricots	1990	413	7.54	3,110	Ton	732.00	2,277,000
	1989	355	9.88	3,510	Ton	861.00	3,022,000
Avocados	1990	1,140	5.09	5,800	Ton	799.00	4,634,000
	1989	1,119	3.37	3,770	Ton	919.00	3,465,000
Grapes - Total	1990	62,936	X	X	X	X	278,109,000
	1989	63,648	X	X	X	X	258,292,000
Raisin Varieties	1990	32,602	7.56	X	X	X	X
	1989	31,985	8.88	X	X	X	X
Canned	1990	X	X	15,100	Ton	214.00	3,231,000
	1989	X	X	24,000	Ton	207.00	4,968,000
Crushed A/	1990	X	X	31,800	Ton	131.00	4,166,000
	1989	X	X	42,800	Ton	122.00	5,222,000
Dried B/	1990	X	X	17,800	Ton	900.00	16,020,000
	1989	X	X	20,200	Ton	905.00	18,281,000
Fresh	1990	X	X	116,000	Ton	941.00	109,156,000
	1989	X	X	127,000	Ton	775.00	98,425,000
Juice	1990	X	X	5,310	Ton	350.00	1,858,000
	1989	X	X	5,400	Ton	378.00	2,041,000
Table Varieties	1990	20,331	8.65	X	X	X	X
	1989	21,031	7.39	X	X	X	X
Crushed	1990	X	X	30,800	Ton	87.00	2,680,000
	1989	X	X	35,500	Ton	113.00	4,012,000
Fresh	1990	X	X	145,000	Ton	864.00	125,280,000
	1989	X	X	120,000	Ton	892.00	107,040,000

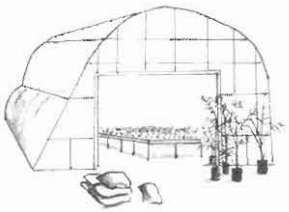
FRUIT AND NUT CROPS

	Year	Harvested Acreage	Per Acre	Production Total	Unit	Value Per Unit	Value Total
Wine Varieties	1990	10,003	10.10	X	X	X	X
	1989	10,632	8.92	X	X	X	X
Crushed	1990	X	X	97,000	Ton	146.00	14,162,000
	1989	X	X	89,100	Ton	177.00	15,771,000
Juice	1990	X	X	4,150	Ton	375.00	1,556,000
	1989	X	X	5,780	Ton	438.00	2,532,000
Grapefruit-Fresh C/	1990	227	13.80	3,130	Ton	759.00	2,376,000
	1989	196	13.00	2,550	Ton	676.00	1,724,000
Kiwifruit	1990	1,789	7.37	13,200	Ton	1,540.00	20,328,000
	1989	1,485	8.26	12,300	Ton	1,570.00	19,311,000
Lemons - Fresh D/	1990	4,020	9.65	25,700	Ton	682.00	17,527,000
	1989	4,038	10.10	24,900	Ton	651.00	16,210,000
Processed	1990	X	X	13,100	Ton	115.00	1,506,000
	1989	X	X	15,800	Ton	75.00	1,185,000
Nectarines - Fresh	1990	8,021	10.30	82,600	Ton	641.00	52,947,000
	1989	6,719	9.66	64,900	Ton	727.00	47,182,000
Olives - Canning	1990	13,083	5.01	43,200	Ton	704.00	30,413,000
	1989	12,676	4.79	53,600	Ton	634.00	33,982,000
Other	1990	X	X	22,300	Ton	391.00	8,719,000
	1989	X	X	7,220	Ton	441.00	3,184,000
Oranges - Navel D/	1990	56,876	16.40	669,000	Ton	389.00	260,241,000
	1989	53,371	12.40	501,000	Ton	396.00	198,396,000
Processed	1990	X	X	261,000	Ton	83.00	21,663,000
	1989	X	X	163,000	Ton	90.00	14,670,000
Valencia D/	1990	24,503	14.70	225,000	Ton	396.00	89,100,000
	1989	21,675	14.10	199,000	Ton	424.00	84,376,000
Processed	1990	X	X	136,000	Ton	118.00	16,048,000
	1989	X	X	106,000	Ton	132.00	13,992,000
Peaches - Cling	1990	749	19.30	14,500	Ton	235.00	3,408,000
Processed	1989	748	19.00	14,200	Ton	218.00	3,096,000
Freestone -	1990	5,201	11.50	59,800	Ton	724.00	43,295,000
Fresh	1989	4,812	8.58	41,300	Ton	709.00	29,282,000

FRUIT AND NUT CROPS

	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Value Total
Pears & Asian	1990	474	2.12	1,000	Ton	961.00	961,000
Pears	1989	393	5.86	2,300	Ton	1,600.00	3,680,000
Pecans	1990	569	.95	541	Ton	2,550.00	1,380,000
	1989	479	.51	244	Ton	2,400.00	586,000
Persimmons	1990	628	6.19	3,890	Ton	1,150.00	4,474,000
	1989	578	4.97	2,870	Ton	1,610.00	4,621,000
Pistachio Nuts E/	1990	4,077	1.10	4,480	Ton	2,430.00	10,886,000
	* 1989	2,978	0.51	1,520	Ton	3,700.00	5,624,000
Plums - Fresh	1990	16,373	7.11	116,000	Ton	931.00	107,996,000
	1989	15,493	7.87	122,000	Ton	739.00	90,158,000
Pomegranates	1990	1,442	3.91	5,640	Ton	684.00	3,858,000
	1989	1,423	4.24	6,030	Ton	619.00	3,733,000
Prunes - Processed	1990	5,033	2.89 E/	14,400	Ton	875.00	12,600,000
	1989	4,941	2.28	10,700	Ton	840.00	8,988,000
Fresh F/	1990	X	X	468	Ton	933.00	437,000
	1989	X	X	1,640	Ton	909.00	1,491,000
Tangerines G/	1990	1,260	9.50	12,000	Ton	864.00	10,368,000
	1989	1,210	8.09	9,790	Ton	719.00	7,039,000
Walnuts	1990	22,907	1.42	32,500	Ton	1,250.00	40,625,000
	1989	22,569	1.55	35,000	Ton	966.00	33,810,000
Miscellaneous H/	1990	342	X	X	X	X	2,422,000
	1989	264	X	X	X	X	1,640,000
TOTAL	1990	241,948					1,067,849,000
	* 1989	230,213					908,724,000

A/ Includes green weight raisins for distillery materials.
B/ A combined value reflecting free tonnage and reserve tonnage.
C/ Includes Pummelo.
D/ Includes production from young orchards officially classified as non-bearing.
E/ Dry weight basis.
F/ Green weight basis.
G/ Includes Tangelos and Tangors.
H/ Includes Bushberries, Cherries, Figs, Guava/Feijoa, Jojoba, Limes, Processed Fruits (Apricots, Nectarines, Pears, and Plums), Quince and Strawberries.
* Revised



NURSERY PRODUCTS

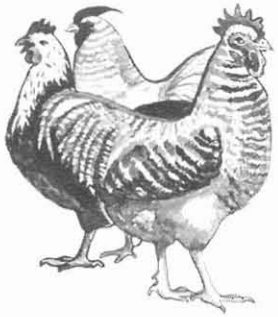
	Year	Quantity Sold	Unit	Per Unit	Total
Citrus and Subtropical Trees	1990	470,000	Each	7.13	3,351,000
	1989	305,000	Each	6.95	2,120,000
Deciduous Fruit and Nut Trees	1990	651,000	Each	5.91	3,847,000
	1989	664,000	Each	5.98	3,971,000
Grape & Berry Vines	1990	4,687	M	496.00	2,325,000
	1989	4,121	M	590.00	2,431,000
Herbaceous Ornamentals & Cut Flowers	1990	X	X	X	2,040,000
	1989	X	X	X	1,665,000
Ornamental Trees & Shrubs	1990	1,886,000	Each	4.92	9,279,000
	1989	1,517,000	Each	4.98	7,555,000
Miscellaneous A/	1990	X	X	X	2,490,000
	1989	X	X	X	2,105,000
TOTAL	1990				23,332,000
	1989				19,847,000

A/ Includes Citrus (Buds, Cuttings & Scions), Christmas Trees, Ground Cover, Olive Trees, Turf and Vegetable & Flower Plants in Flats.

APIARY PRODUCTS

	Year	Production Total	Unit	Per Unit	Value Total
Honey - Orange A/	1990	3,314,000	Lb.	.56	1,856,000
	1989	918,000	Lb.	.61	560,000
Other	1990	1,463,000	Lb.	.52	761,000
	1989	1,561,000	Lb.	.60	937,000
Beeswax	1990	93,000	Lb.	1.10	102,000
	1989	31,000	Lb.	1.05	32,600
Pollination B/	1990	68,400	Colony	24.00	1,642,000
	1989	63,200	Colony	23.00	1,454,000
TOTAL	1990				4,361,000
	1989				2,983,600

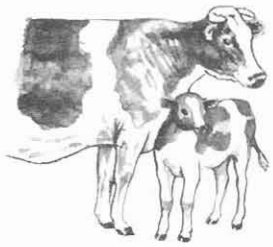
A/ From bee colonies registered in Tulare County during 1990 citrus bloom period.
B/ Estimated number of colonies required for adequate pollination.



LIVESTOCK AND POULTRY

	Year	No. of Head	Total Liveweight	Unit	Per Unit	Value Total
Cattle & Calves	1990	282,000	X	Head	758.00	213,756,000
	1989	250,000	X	Head	709.00	177,250,000
Lambs	1990	12,500	1,183,000	Lb.	.596	705,000
	1989	1,520	144,000	Lb.	.693	100,000
Hogs & Pigs	1990	96,100	X	Head	135.00	12,974,000
	1989	77,300	X	Head	105.00	8,116,000
Turkeys	1990	2,592,000	66,949,000	Lb.	.450	30,127,000
	1989	2,214,000	50,649,000	Lb.	.490	24,818,000
Miscellaneous A/	1990	X	X	X	X	1,948,000
	1989	X	X	X	X	4,291,000
TOTAL	1990					259,510,000
	1989					214,575,000

A/ Includes Aquaculture, Chickens, Fish Bait, Gamebirds, Geese, Goats, Pet Food, Pigeons, Rabbits, Sheep and Turkey Breeders.



LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Per Unit	Value Total
Manure A/	1990	1,284,000	Ton	4.79	6,150,000
	1989	1,105,000	Ton	4.75	5,249,000
Milk - Market	1990	35,156,000	Cwt.	11.71	411,677,000
	1989	29,632,000	Cwt.	12.22	362,103,000
Manufacturing	1990	107,000	Cwt.	11.08	1,186,000
	1989	105,000	Cwt.	11.60	1,218,000
Miscellaneous B/	1990	X	X	X	9,323,000
	1989	X	X	X	10,571,000
TOTAL	1990				428,336,000
	1989				379,141,000

A/ Includes Poultry Manure.
B/ Includes Turkey Hatching Eggs, Chicken Market Eggs, and Wool.

SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
FIELD CROPS	1990	1,178,839	342,000,000
	1989	1,121,000	295,320,000
SEED CROPS	1990	8,895	4,328,000
	1989	7,932	3,896,000
VEGETABLE CROPS	1990	8,929	33,047,000
	1989	8,156	25,585,000
INDUSTRIAL CROPS	1990	X	6,685,000
	1989	X	3,030,000
FRUIT AND NUT CROPS	1990	241,948	1,067,849,000
	*1989	230,213	908,724,000
NURSERY PRODUCTS	1990	X	23,332,000
	1989	X	19,847,000
APIARY PRODUCTS	1990	X	4,361,000
	1989	X	2,983,600
LIVESTOCK AND POULTRY	1990	X	259,510,000
	1989	X	214,575,000
LIVESTOCK AND POULTRY PRODUCTS	1990	X	428,336,000
	1989	X	379,141,000
GRAND TOTAL	1990	1,438,611	2,169,448,000
	*1989	1,367,301	1,853,101,600

*Revised

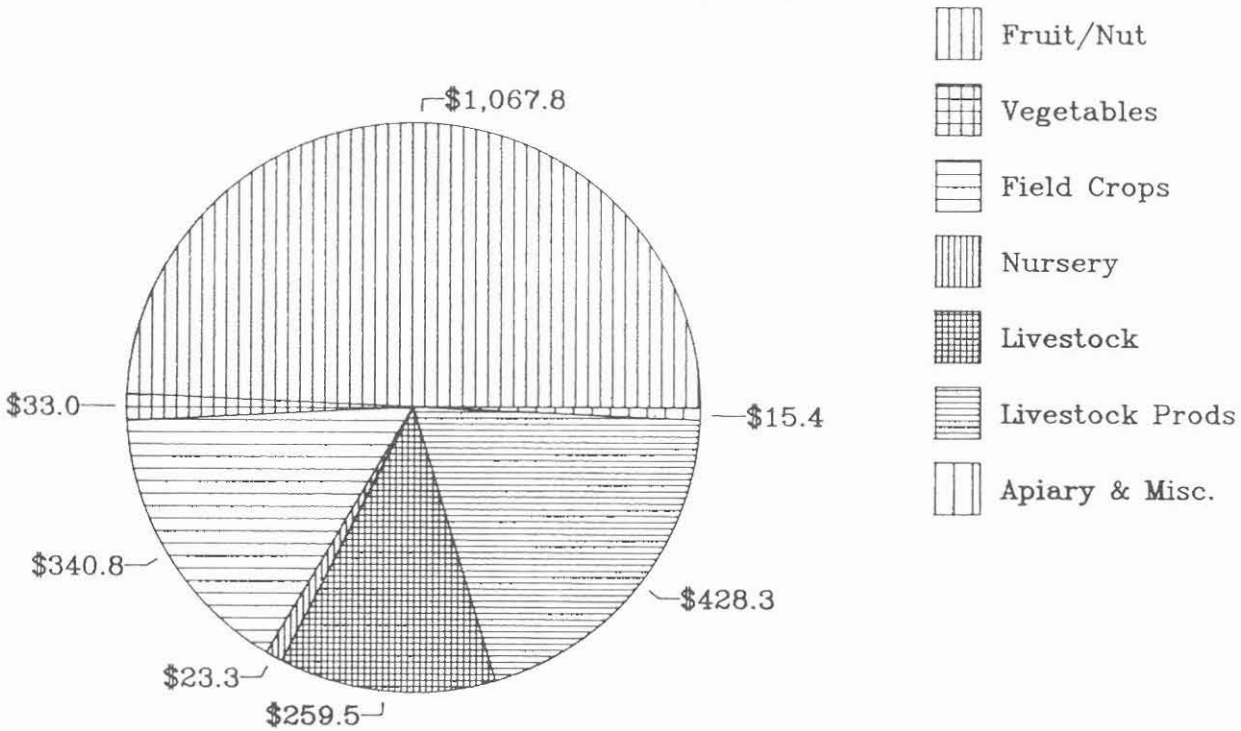
1990 MILLION DOLLAR PRODUCTS

1990 Ranking			1989 Ranking
1	Milk	$412,863,000	1
2	Oranges - Navel & Valencia	387,052,000	2
3	Grapes	278,109,000	3
4	Cattle & Calves	213,756,000	4
5	Cotton - Lint & Seed	144,570,000	5
6	Plums	107,996,000	6
7	Alfalfa Hay & Silage	105,598,000	7
8	Nectarines	52,947,000	8
9	Peaches - Cling & Freestone	46,703,000	11
10	Walnuts	40,625,000	10
11	Olives	39,132,000	9
12	Corn - Grain & Silage	34,569,000	12
13	Turkeys	30,127,000	13
14	Kiwifruit	20,328,000	14
15	Lemons	19,033,000	16
16	Wheat	18,194,000	15
17	Prunes	13,037,000	18
18	Hogs & Pigs	12,974,000	21
19	Almonds	12,224,000	17
20	Pistachio Nuts	10,886,000	24
21	Tangerines	10,368,000	23
22	Pasture & Range	10,015,000	20
23	Beans - Dry	9,280,000	19
24	Nursery - Ornamental Trees & Shrubs	9,279,000	22
25	Silage - Small Grain	8,585,000	25
26	Barley	7,116,000	29
27	Apples	7,027,000	44
28	Tomatoes - Fresh	6,195,000	27
29	Timber Harvested	6,164,000	35
30	Manure	6,150,000	26
31	Avocados	4,634,000	34
32	Persimmons	4,474,000	30
33	Pomegranates	3,858,000	32
34	Nursery - Deciduous Fruit & Nut Trees	3,847,000	31
35	Sugar Beets	3,808,000	28
36	Nursery - Citrus & Subtropical Trees	3,351,000	38
37	Honey	2,617,000	41
38	Grapefruit	2,376,000	39
39	Nursery - Grape & Berry Vines	2,325,000	37
40	Apricots	2,277,000	36
41	Nursery - Herbaceous & Cut Flowers	2,040,000	40
42	Pollination	1,642,000	42
43	Pecans	1,380,000	**
44	Cucumbers	1,282,000	43

**Reported at less than one million dollars in 1989.

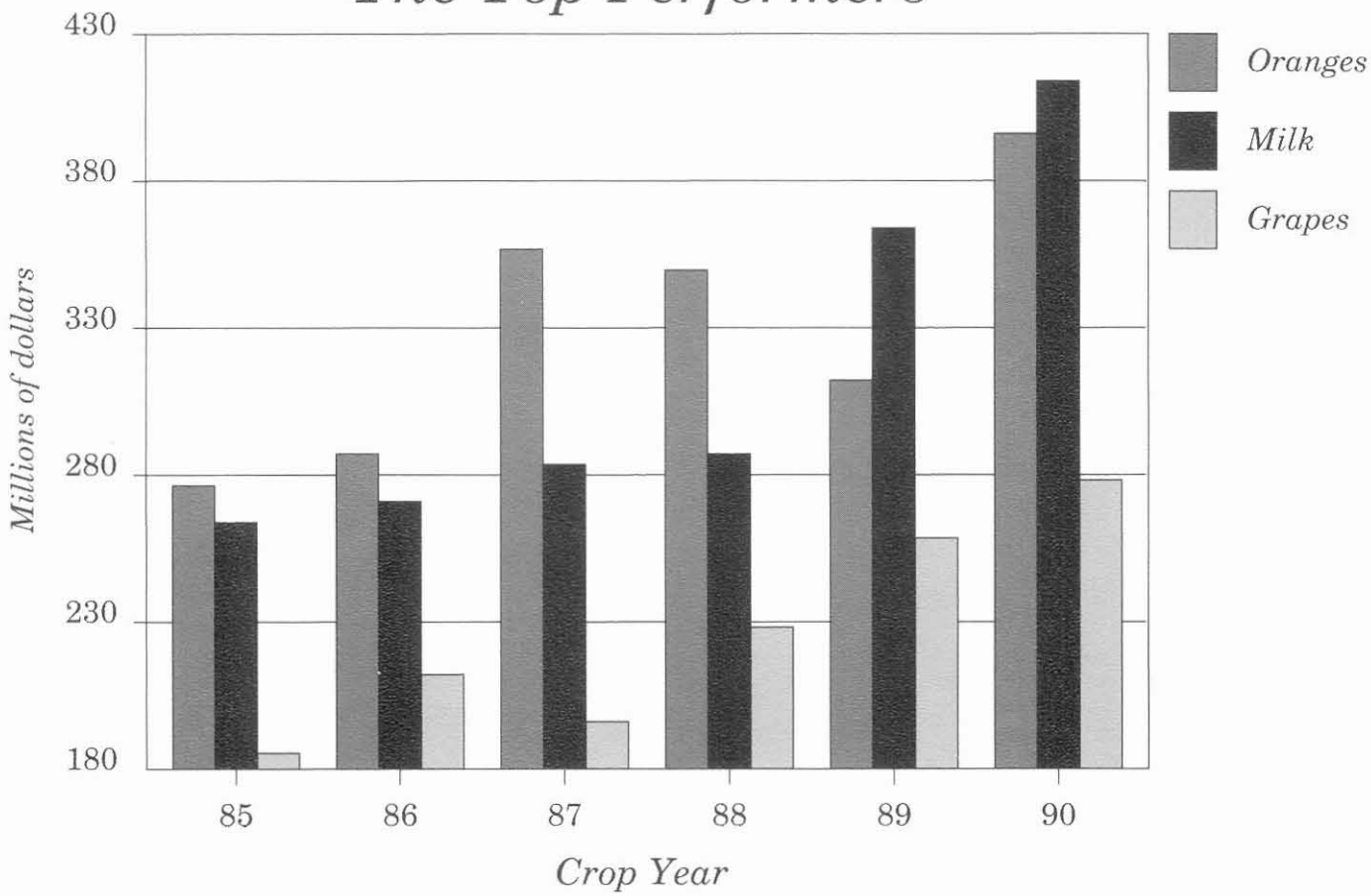
TULARE COUNTY – 1990

TOTAL VALUE $2,168,213,000

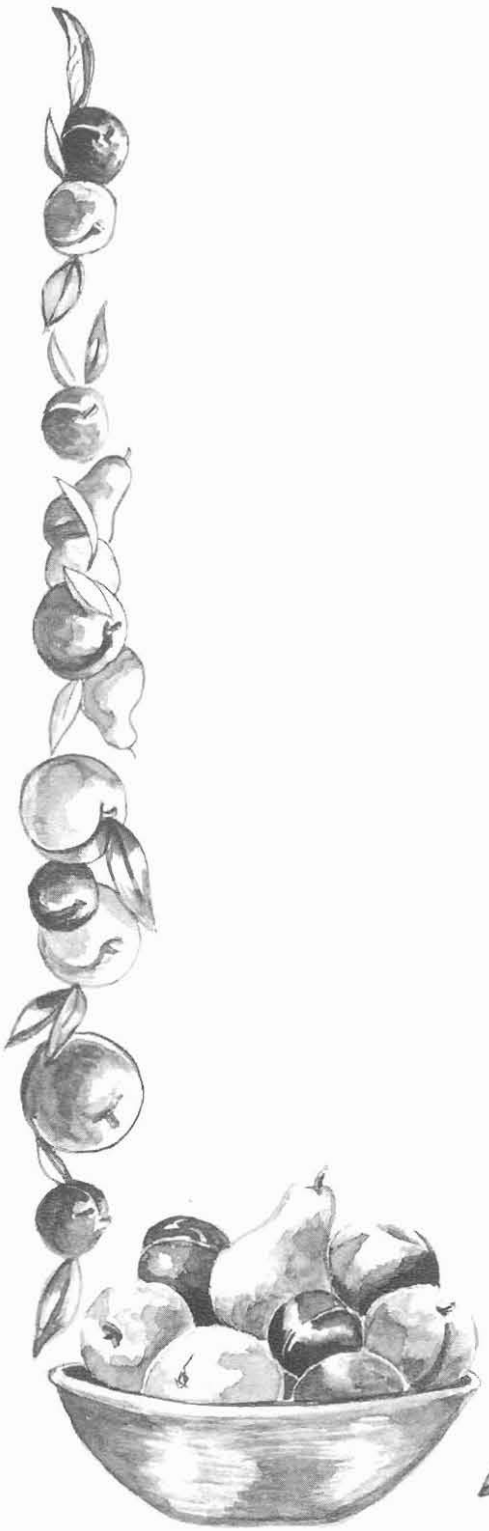


Millions of dollars

The Top Performers



TWENTY YEARS COMPARISON OF AGRICULTURAL INCOME IN TULARE COUNTY
1971-1990

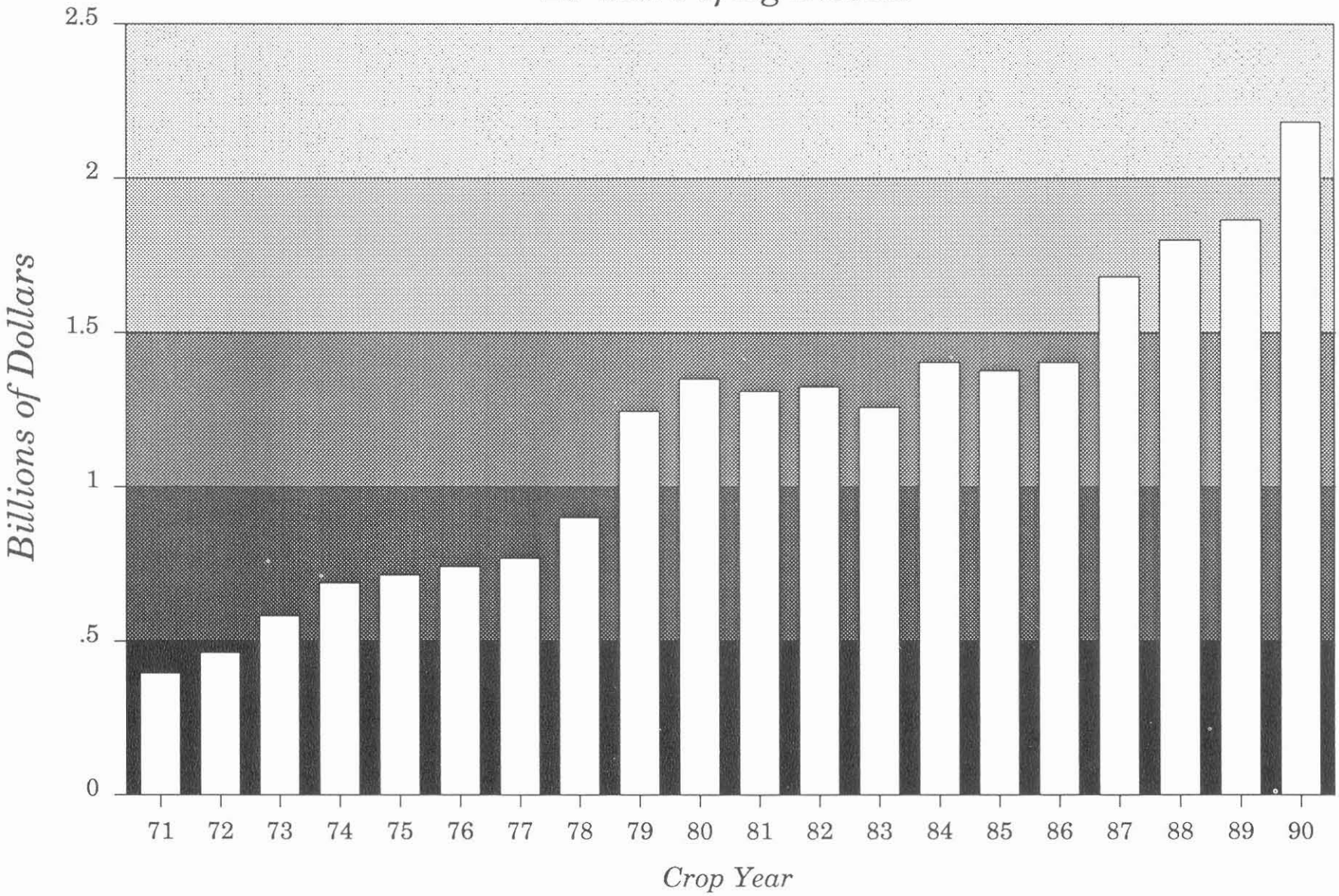


1971	402,550,000
1972	463,191,000
1973	580,729,000
1974	682,454,000
1975	714,740,000
1976	743,327,000
1977	770,428,000
1978	900,861,700
1979	1,239,814,400
1980	1,340,559,400
1981	1,301,921,200
1982	1,316,016,300
1983	1,245,238,100
1984	1,392,273,500
1985	1,368,387,100
1986	1,400,743,000
1987	1,667,201,900
1988	1,791,151,200
1989	* 1,853,101,600
1990	2,169,448,000

*Revised

TULARE COUNTY

20 Years of Ag Income



TULARE COUNTY SUSTAINABLE AGRICULTURE REPORTING

Pest	Agent/Mechanism	Program Scope
COUNTY BIOLOGICAL CONTROL		
Ash Whitefly Siphoninus phillyreae	Parasitic Wasp Encarsia sp. Ladybird Beetle Cleitostethus arcuatus	5 sites 1 site
Comstock Mealybug Pseudococcus comstocki	Parasitic Wasps Pseudaphycus malinus Allotropa burrelli	 4 sites
Italian Thistle Carduus pycnocephalus	Seed Head Weevil Rhinocylus conicus	 3 sites
Milk Thistle Silybum marianum	Seed Head Weevil Rhinocylus conicus	 Upon demand
Puncture Vine Tribulus terrestris	Seed & Stem Weevils Microlarinus lareynii Microlarinus lypriformis	 2 sites*
Yellow Star Thistle Centaurea solstitialis	Seed Head Weevil Bangasternus orientalis	 3 sites
COUNTY PEST ERADICATION		
Pink Bollworm Pectinophora gossypiella	Mechanical/Host Free Period	136,000 acres (No citations issued)
COUNTY PEST EXCLUSION		
Apple Maggot Rhagoletis pomonella	UPS/Postal Shipments	5 rejections/ destroyed
Citrus Canker Xanthomonas campestris pv. citri	Retail Sales, UPS/Postal Shipments	13 rejections/ destroyed
Ozonium Root Rot Phymatotrichum omnivorum	UPS/Postal Shipments	1 rejection/ destroyed
Striped Mealybug Ferrisia virgata	Wholesale Nursery	1 rejection/ destroyed

*Collections made for release in San Luis Obispo County.

ORGANIC FARMING STATISTICS

Crops	Estimated Acres
Treefruit, Grapes, Kiwifruit, and Citrus	3,000