

1992 TULARE COUNTY
AGRICULTURAL CROP AND
LIVESTOCK REPORT





AGRICULTURAL COMMISSIONER/SEALER



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CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

1993

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In accordance with the provisions of Section 2272 & 2279 of the California Agriculture 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 1992. This report is the result of information gathered from many sources, and as always, it must be emphasized that the figures represent gross returns to the producer and do not indicate actual net profit.

While Mother Nature seems to be turning a kinder and wetter face toward agriculture in early 1993, and many agencies are declaring an end to the drought, it's effects continued to be felt in 1992. Yields in many field crops were down due to the drought period. Although the effects of the devastating freeze of December 1990 are beginning to subside, there are still some notable exceptions in this report. Lemon orchards are slowly recovering, but yields were very low. Likewise, avocados have not made the quick recovery seen in oranges. Despite the adverse weather effects of the past two years, and due primarily to the continued growth of the dairy industry and the return of the navel and valencia orange crops, this year's report records an all time high of \$2.22 Billion.

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 have made the publication of this report possible.

Respectfully submitted,

Lenord L. Craft
Agricultural Commissioner/Sealer

THE COTTON INDUSTRY IN TULARE COUNTY

By Steve Wright, Cotton Farm Advisor
University of California Cooperative Extension

Cotton has served mankind for centuries. Cotton clothing was worn by Pakistanis and Egyptians 3000 years before the birth of Christ. When Columbus discovered the New World, he found the natives dressed in cotton garments and cotton being cultivated. American settlers cultivated cotton in Virginia with the aid of slaves in 1619. From Virginia the crop spread to other southern colonies. All American cotton was sent to England to be made into cloth. The economic importance of cotton increased for two centuries until English wool merchants sought to outlaw the cotton. However, consumers demanded cotton products and forced the removal of legal restrictions. Soon England's cotton industry became famous and prosperous.

Early in 1790 Samuel Slater, an Englishman, started the first cotton mill in Rhode Island. Three years later, after seeing cotton lint being separated from the seed by hand, Eli Whitney invented the cotton gin, one of the most important inventions in the history of American agriculture. Cotton was grown in California near the Spanish missions in the late 1700's. It was first grown in the San Joaquin Valley in the 1860's. By the turn of the century cotton was a leading force in the American and California economies and was termed "King Cotton."

Today, cotton represents the largest share of the textile market because of its comfort, performance, and appearance. Cotton is a part of our daily lives from soft towels in the morning to cool sheets at night. Clothing and household items are the largest users of cotton fiber, but thousands of bales are also consumed by industry in a variety of products ranging from upholstery in automobiles to medical supplies, such as sheets, bandages, and uniforms. Whole cottonseed is used as a protein and energy supplement. Cottonseed meal from the oil extraction industry is used as a protein supplement. Cottonseed hulls are used as a fiber source in cattle rations. Oil is extracted from the seed for food products such as cooking oil, salad oil, and margarine. Linters (short fibers clinging to seed after ginning) are removed at the oil mill to become a valuable source of cellulose for plastics, synthetic fibers, and explosives. Altogether there are about one hundred major end uses of cotton.

Cotton is a major crop grown in 19 states, with the Cotton Belt spanning the southern half of the United States from the Carolinas to California. The cotton industry has played an important role in Tulare County's economy since the early 1900's. Cotton is one of the most valuable crops grown in Tulare County. For the past 30 years, more than 100,000 acres annually have been cultivated, demonstrating the industry's stability.

In Tulare County, cotton is grown from March 20 through December 20 in order to comply with a mandatory host-free period for control of pink bollworm. Growers in the San Joaquin Valley plant Acala cotton, which is a superior upland cotton because of its long, fine, quality lint fibers. The variety of standards are determined by the San Joaquin Valley Cotton Board. Today, several Acala varieties are grown in the San Joaquin Valley, and in recent years the production of Pima cotton (extra long fiber, Egyptian type cotton) has been permitted in the valley. Pima acreage continues to increase to the point that California is now the major producer of extra long staple cotton in the United States.

Cotton bolls mature in early fall. Growers regulate this carefully by managing irrigation and nitrogen. Fields are then chemically defoliated to separate the leaves from the plant. This practice is necessary to reduce staining on the lint, to eliminate damage from insects which can cause stickiness, to harvest the crop before rains and fog turn lint gray, to allow time to incorporate crop residues in order to plant a rotational crop, and to comply with plowdown regulations. Color, length fineness of fibers, and cleanness of lint are the main characteristics that determine the selling price of cotton.

Up until the 1950's cotton was almost all harvested by hand. San Joaquin Valley cotton growers led the nation in mechanization of harvesting equipment from the one-row pickers to the two- and four-row pickers being used today. Our growers were also among the first to use cotton modules to reduce the time and labor required with trailers. In addition, San Joaquin Valley cotton growers are leading the nation in implementation of narrow-row cotton production, the use of plant base monitoring, and producing the highest yields in the country.

Millions of dollars are lost each year across the Cotton Belt because of weeds, diseases, and pests, such as bollworms, boll weevils, whiteflies, aphids, and plant bugs (Lygus). In addition to reducing yields, weeds, diseases, and insects affect lint quality. Many insecticide treatments are applied to maintain cotton yield and quality in other states. However, in the San Joaquin Valley insect control applications have been reduced to approximately two per season. This is the lowest in the country and probably the world. This success in integrated pest management (IPM) is the result of a cooperative research and educational effort between the cotton industry and scientists from the University of California, California Department of Food and Agriculture, and USDA.

Despite all of the challenges, cotton in Tulare County continues to thrive. In 1992 the total crop value of cotton was \$150,450,000, or 6.8 percent of the value of all crops planted in Tulare County. Cotton was also planted on more acres than any other crop in Tulare County.

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Reported By: Bob Chilton and R. Dennis Haines

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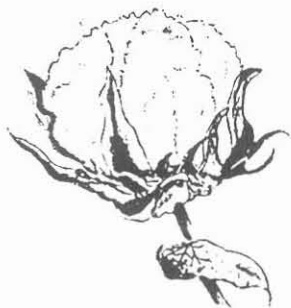
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TULARE COUNTY AGRICULTURAL ACREAGE STATISTICS

ORCHARD CROPS	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
<u>CITRUS</u>			
Grapefruit	506	526	1,032
Lemons	3,921	234	4,155
Limes	2	0	2
Navels	66,298	3,213	69,511
Valencias	28,240	2,439	30,679
Tangerines	1,462	330	1,792
TOTAL	100,429	6,742	107,171
<u>DECIDUOUS AND GRAPES</u>			
Almonds	11,139	738	11,877
Apples	2,011	46	2,057
Apricots	640	85	725
Avocados	1,274	80	1,354
Cherries	82	356	438
Figs	69	9	78
Grapes			
Table	25,965	2,604	28,569
Raisin	36,882	890	37,772
Wine	11,409	47	11,456
Kiwifruit	2,000	32	2,032
Nectarines	12,236	2,442	14,678
Olives	14,861	2,624	17,485
Peaches			
Cling	1,306	87	1,393
Freestone	9,118	1,675	10,793
Pears & Asian Pears	587	248	835
Pecans	638	341	979
Persimmons	1,121	80	1,201
Pistachio Nuts	4,987	1,078	6,065
Plums	19,890	1,618	21,508
Pomegranates	1,155	20	1,175
Prunes	5,826	898	6,724
Quince	150	27	177
Walnuts	25,915	1,907	27,822
Miscellaneous <u>A/</u>	121	20	141
TOTAL	189,382	17,952	207,334
Total Grapes	74,256	3,541	77,797
Total Orchard Crops	215,555	21,153	236,708
GRAND TOTAL	289,811	24,694	314,505

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



FIELD CROPS

	Year	Harvested Acreage	Per Acre	Production Total	Unit	Value Per Unit	Total
Alfalfa - Hay	1992	87,800	8.00	702,000	Ton	84.00	58,968,000
	1991	103,000	8.00	824,000	Ton	78.00	64,272,000
Silage <u>A</u> /	1992	X	3.10	90,700	Ton	23.70	2,150,000
	1991	X	2.75	93,500	Ton	25.00	2,338,000
Barley	1992	27,700	2.00	55,400	Ton	114.00	6,316,000
	1991	24,700	2.25	55,600	Ton	110.00	6,116,000
Beans - Dry	1992	7,400	1.25	9,250	Ton	623.00	5,763,000
	1991	14,200	1.32	18,700	Ton	440.00	8,228,000
Corn - Grain	1992	10,200	5.00	51,000	Ton	110.00	5,610,000
	1991	5,000	5.50	27,500	Ton	108.00	2,970,000
Silage	1992	56,800	24.90	1,414,000	Ton	19.00	26,866,000
	1991	61,500	23.50	1,445,000	Ton	18.00	26,010,000
Cotton - Lint <u>B</u> /	1992	145,000	1,290.00	378,000	Bale	67.00	126,589,000
	1991	146,000	1,130.00	333,000	Bale	71.60	119,319,000
Seed	1992	X	X	159,000	Ton	148.00	23,532,000
	1991	X	X	138,000	Ton	134.00	18,492,000
Pasture & Range Irrigated	1992	12,300	X	X	Acre	110.00	1,353,000
	1991	16,200	X	X	Acre	110.00	1,782,000
Native	1992	650,000	X	X	Acre	10.00	6,500,000
	1991	650,000	X	X	Acre	10.00	6,500,000
Other	1992	60,000	X	X	Acre	12.00	720,000
	1991	45,000	X	X	Acre	15.00	675,000
Silage - Small Grain <u>C</u> /	1992	39,300	13.20	519,000	Ton	15.00	7,785,000
	1991	38,100	15.00	572,000	Ton	17.00	9,724,000
Sorghum Grain	1992	3,400	2.75	9,350	Ton	98.00	916,000
	1991	2,300	2.30	5,290	Ton	95.00	503,000
Sugar Beets	1992	2,300	27.00	62,100	Ton	34.00	2,111,000
	1991	2,900	26.90	78,000	Ton	32.00	2,496,000



FIELD CROPS

	Year	Harvested Acreage	Per Acre	Production Total	Unit	Per Unit	Value Total
Wheat	1992	37,100	2.50	92,800	Ton	120.00	11,136,000
	1991	28,000	2.75	77,000	Ton	101.00	7,777,000
Miscellaneous <u>D/</u>	1992	36,900	X	X	X	X	5,401,000
	1991	27,800	X	X	X	X	3,532,000
TOTAL	1992	1,176,200					291,716,000
	1991	1,164,700					280,734,000

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	Per Acre	Production Total	Unit	Per Unit	Value Total
Cotton-Registered or Certified <u>A/</u>	1992	4,682	X	1,830	Ton	180.00 <u>B/</u>	329,000
	1991	5,062	X	2,330	Ton	210.00	489,000
Wheat-Registered or Certified	1992	10,300	2.60	26,800	Ton	130.00	3,484,000
	1991	5,840	2.80	16,400	Ton	120.00	1,968,000
Miscellaneous <u>C/</u>	1992	564	X	X	X	X	302,000
	1991	603	X	X	X	X	319,000
TOTAL	1992	10,864					4,115,000
	1991	6,443					2,776,000

A/ Not included in total acreage for "Seed Crops".

B/ Includes \$30 per acre approval.

C/ Includes Alfalfa, Barley, Carolina Sugar Peas, Cowpeas, and Oats.



VEGETABLE CROPS

	Year	Harvested Acreage	Per Acre	Production Total	Unit	Per Unit	Value Total
Broccoli	1992	2,240	4.59	10,300	Ton	556.00	5,727,000
	1991	1,365	4.37	5,970	Ton	566.00	3,379,000
Cauliflower	1992	707	4.02	2,840	Ton	473.00	1,343,000
	1991	1,091	3.68	4,010	Ton	502.00	2,013,000
Cucumbers - Fresh	1992	811	12.80	10,400	Ton	620.00	6,448,000
	1991	452	6.93	3,130	Ton	520.00	1,628,000
Tomatoes - Fresh	1992	594	17.80	10,600	Ton	613.00	6,498,000
	1991	151	15.50	2,340	Ton	735.00	1,720,000
Miscellaneous <u>A/</u>	1992	9,780	X	X	X	X	27,921,000
	1991	13,028	X	X	X	X	34,927,000
TOTAL	1992	14,132					47,937,000
	1991	16,087					43,667,000

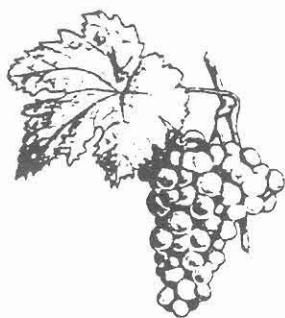
A/ Includes: Asparagus, Beets, Bittermelon, Cabbage, Cactus, Cantaloupe, Carrots, Casaba Melons, Chayote, Dill, Eggplant, Garlic, Gourds, Herbs, Honeydew Melons, Lettuce, Okra, Onions, Oriental Vegetables, Peas, Peppers, Potatoes, Pumpkins, Radishes, Snap Beans, Spinach, Squash, Sugar Peas, Sweet Corn, Tomatillos, Tomatoes (Processed), and Watermelons.



INDUSTRIAL CROPS

	Reporting Year	Production Total	Unit	Per Unit	Value Total
Timber Harvested <u>A/</u>	1992	60,100,000	Board Ft.	0.057	3,426,000
	1991	43,602,000	Board Ft.	0.100	4,360,000
Miscellaneous	1992	X	X	X	570,000
	1991	X	X	X	562,000
TOTAL	1992				3,996,000
	1991				4,922,000

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



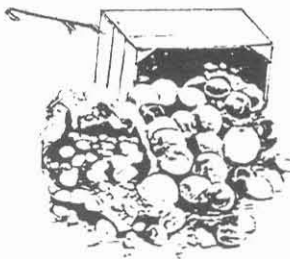
FRUIT AND NUT CROPS

	Year	Harvested Acreage	Per Acre	Production Total	Unit	Per Unit	Value Total
Almonds - Meats	1992	11,139	.65	7,240	Ton	2,510.00	18,172,000
	1991	11,612	.71	8,240	Ton	2,300.00	18,952,000
Hulls	1992	X	X	17,800	Ton	59.00	1,050,000
	1991	X	X	20,900	Ton	68.00	1,421,000
Apples	1992	2,011	13.30	26,700	Ton	931.00	24,858,000
	1991	1,569	11.20	17,600	Ton	987.00	17,371,000
Apricots	1992	640	6.67	4,270	Ton	867.00	3,702,000
	1991	778	6.60	5,130	Ton	1,440.00	7,387,000
Avocados	1992	1,274	1.86	2,370	Ton	449.00	1,064,000
	*1991	857	0	0	0	0	0
Grapes - Total	1992	74,256	X	X	X	X	327,991,000
	1991	70,014	X	X	X	X	332,325,000
Raisin Varieites	1992	36,882	9.57	X	X	X	X
	1991	35,765	8.54	X	X	X	X
Canned	1992	X	X	27,900	Ton	230.00	6,417,000
	1991	X	X	18,000	Ton	217.00	3,906,000
Crushed <u>A/</u>	1992	X	X	115,000	Ton	175.00	20,125,000
	1991	X	X	40,900	Ton	147.00	6,012,000
Dried <u>B/</u>	1992	X	X	26,500	Ton	1,020.00	27,030,000
	1991	X	X	19,900	Ton	982.00	19,542,000
Fresh	1992	X	X	97,600	Ton	760.00	74,176,000
	1991	X	X	156,000	Ton	874.00	136,344,000
Juice	1992	X	X	3,920	Ton	485.00	1,901,000
	1991	X	X	4,540	Ton	425.00	1,930,000
Table Varieties	1992	25,965	9.05	X	X	X	X
	1991	23,114	8.68	X	X	X	X
Crushed	1992	X	X	72,900	Ton	166.00	12,101,000
	1991	X	X	40,600	Ton	142.00	5,765,000
Fresh	1992	X	X	162,000	Ton	991.00	160,542,000
	1991	X	X	160,000	Ton	878.00	140,480,000



FRUIT AND NUT CROPS

	Year	Harvested Acreage	Per Acre	Production Total	Unit	Per Unit	Value Total
Wine Varieties	1992	11,409	9.57	X	X	X	X
	1991	11,135	9.17	X	X	X	X
Crushed	1992	X	X	103,000	Ton	225.00	23,175,000
	1991	X	X	97,800	Ton	171.00	16,724,000
Juice	1992	X	X	6,170	Ton	409.00	2,524,000
	1991	X	X	4,280	Ton	379.00	1,622,000
Grapefruit-Fresh <u>C</u> /	1992	506	16.00	8,100	Ton	1,020.00	8,262,000
	1991	375	3.41	1,280	Ton	1,240.00	1,587,000
Kiwifruit	1992	2,000	10.40	20,800	Ton	1,460.00	30,368,000
	1991	1,918	5.90	11,300	Ton	1,810.00	20,453,000
Lemons - Fresh <u>D</u> /	1992	3,921	0.25	807	Ton	655.00	529,000
	1991	4,184	8.68	11,100	Ton	700.00	7,770,000
Processed	1992	X	X	165	Ton	73.50	12,100
	1991	X	X	25,200	Ton	40.00	1,008,000
Nectarines - Fresh	1992	12,236	9.24	113,000	Ton	601.00	67,913,000
	1991	7,617	8.18	62,300	Ton	831.00	51,771,000
Olives - Canning	1992	14,861	6.72	66,000	Ton	715.00	47,190,000
	1991	14,177	2.04	24,300	Ton	720.00	17,496,000
Other	1992	X	X	33,900	Ton	336.00	11,390,000
	1991	X	X	4,670	Ton	400.00	1,868,000
Oranges - Navel	1992	66,298	11.00	579,000	Ton	429.00	248,391,000
	1991	58,639	4.86	154,000	Ton	560.00	86,240,000
Processed	1992	X	X	150,000	Ton	67.00	10,050,000
	1991	X	X	131,000	Ton	39.00	5,109,000
Valencia	1992	28,240	14.00	246,000	Ton	351.00	86,346,000
	1991	29,418	.97	471	Ton	754.00	355,000
Processed	1992	X	X	149,000	Ton	97.50	14,528,000
	1991	X	X	28,200	Ton	30.00	846,000
Peaches - Cling Processed	1992	1,306	19.50	25,500	Ton	225.00	5,738,000
	1991	787	17.50	13,800	Ton	220.00	3,036,000
Freestone - Fresh	1992	9,118	8.00	72,900	Ton	507.00	36,960,000
	1991	6,108	8.95	54,700	Ton	989.00	54,098,000



FRUIT AND NUT CROPS

	Year	Harvested Acreage	Per Acre	Production Total	Unit	Per Unit	Value Total
Pears & Asian Pears	1992	587	4.30	2,520	Ton	1,100.00	2,772,000
	1991	665	4.73	3,150	Ton	761.00	2,397,000
Pecans	1992	638	.86	549	Ton	3,300.00	1,812,000
	1991	661	.70	463	Ton	3,080.00	1,426,000
Persimmons	1992	1,121	5.41	6,060	Ton	1,200.00	7,272,000
	1991	980	4.61	4,520	Ton	1,410.00	6,373,000
Pistachio Nuts <u>E/</u>	1992	4,987	.89	4,440	Ton	2,440.00	10,834,000
	1991	4,979	.51	2,540	Ton	2,960.00	7,518,000
Plums - Fresh	1992	19,890	6.20	123,000	Ton	585.00	71,955,000
	1991	18,105	6.82	123,000	Ton	682.00	83,886,000
Pomegranates	1992	1,155	3.20	3,700	Ton	754.00	2,790,000
	1991	1,167	3.34	3,900	Ton	862.00	3,362,000
Prunes - Processed	1992	5,826	2.63 <u>E/</u>	15,100	Ton	980.00	14,798,000
	1991	5,838	2.02	11,700	Ton	800.00	9,360,000
Fresh <u>F/</u>	1992	X	X	709	Ton	1,000.00	709,000
	1991	X	X	234	Ton	820.00	192,000
Tangerines <u>G/</u>	1992	1,462	9.11	13,300	Ton	659.00	8,765,000
	1991	1,253	3.97	4,970	Ton	1,270.00	6,312,000
Walnuts	1992	25,915	.85	22,000	Ton	1,530.00	33,660,000
	1991	25,889	1.77	45,800	Ton	1,050.00	48,090,000
Miscellaneous <u>H/</u>	1992	393	X	X	X	X	2,895,000
	1991	2,392	X	X	X	X	10,724,000
TOTAL	1992	289,780					1,102,776,100
	1991	269,982					808,733,000

A/ Includes green weight raisins for distillery materials.

B/ A combined value reflecting free tonnage and reserve tonnage.

C/ Includes Pummelos.

D/ This figure includes acreage which was abandoned or unharvested due to freeze damage

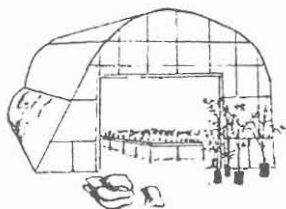
E/ Dry weight basis.

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.

* Freeze Damaged - No Crop.



NURSERY PRODUCTS

	Year	Quantity Sold	Unit	Per Unit	Total
Citrus and Subtropical Trees	1992	596,000	Each	5.70	3,397,000
	1991	502,000	Each	6.03	3,027,000
Deciduous Fruit and Nut Trees	1992	575,000	Each	4.42	2,542,000
	1991	523,000	Each	6.07	3,175,000
Grape & Berry Vines	1992	3,963,000	Each	.510	2,021,000
	1991	4,748,000	Each	.560	2,659,000
Foliage Plants & Cut Flowers	1992	X	X	X	1,963,000
	1991	X	X	X	1,903,000
Ornamental Trees & Shrubs	1992	1,130,000	Each	5.95	6,724,000
	1991	1,740,000	Each	4.71	8,195,000
Miscellaneous <u>A/</u>	1992	X	X	X	2,992,000
	1991	X	X	X	3,125,000
TOTAL	1992				19,639,000
	1991				22,084,000

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

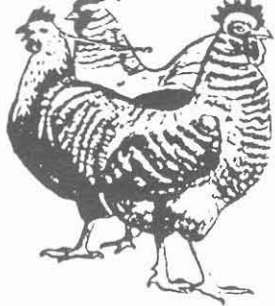


APIARY PRODUCTS

	Year	Total	Unit	Per Unit	Value Total
Honey - Orange <u>A/</u>	1992	4,727,000	Lb.	.53	2,505,000
	1991	4,873,000	Lb.	.53	2,583,000
Other	1992	3,001,000	Lb.	.51	1,531,000
	1991	2,519,000	Lb.	.51	1,285,000
Beeswax	1992	100,000	Lb.	1.84	184,000
	1991	68,700	Lb.	1.20	82,400
Pollination <u>B/</u>	1992	74,600	Colony	24.00	1,790,000
	1991	69,900	Colony	22.00	1,538,000
TOTAL	1992				6,010,000
	1991				5,488,400

A/ From bee colonies registered in Tulare County during 1992 citrus bloom period.

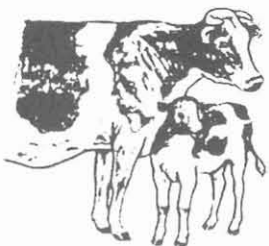
B/ Estimated number of colonies required for adequate pollination.



LIVESTOCK AND POULTRY

	Year	No. of Head	Total Liveweight	Unit	Per Unit	Value Total
Cattle & Calves	1992	324,000	X	Head	731.00	236,844,000
	1991	296,000	X	Head	717.00	212,232,000
Lambs	1992	9,270	881,000	Lb.	.629	554,000
	1991	13,200	1,251,000	Lb.	.538	673,000
Hogs & Pigs	1992	230,000	X	Head	107.00	24,610,000
	1991	197,000	X	Head	132.00	26,004,000
Turkeys	1992	945,000	19,428,000	Lb.	.379	7,363,000
	1991	2,366,000	71,214,000	Lb.	.540	38,456,000
Miscellaneous <u>A/</u>	1992	X	X	X	X	7,960,000
	1991	X	X	X	X	7,289,000
TOTAL	1992					277,331,000
	1991					284,654,000

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



LIVESTOCK AND POULTRY PRODUCTS

	Year	Production	Unit	Per Unit	Value Total
Manure <u>A/</u>	1992	1,490,000	Ton	5.00	7,450,000
	1991	1,311,000	Ton	4.08	5,349,000
Milk - Market	1992	39,840,000	Cwt.	11.38	453,379,000
	1991	37,460,000	Cwt.	10.93	409,438,000
Manufacturing	1992	170,000	Cwt.	10.94	1,860,000
	1991	116,000	Cwt.	10.31	1,196,000
Miscellaneous <u>B/</u>	1992	X	X	X	5,403,000
	1991	X	X	X	9,384,000
TOTAL	1992				468,092,000
	1991				425,367,000

A/ Includes Dairy and Poultry Manure.

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

SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
FIELD CROPS	1992	1,176,200	291,716,000
	1991	1,164,700	280,734,000
SEED CROPS	1992	10,864	4,115,000
	1991	6,443	2,776,000
VEGETABLE CROPS	1992	14,132	47,937,000
	1991	16,087	43,667,000
INDUSTRIAL CROPS	1992	X	3,996,000
	1991	X	4,922,000
FRUIT AND NUT CROPS	1992	289,780	1,102,776,100
	1991	269,982	808,733,000
NURSERY PRODUCTS	1992	X	19,639,000
	1991	X	22,084,000
APIARY PRODUCTS	1992	X	6,010,000
	1991	X	5,488,400
LIVESTOCK AND POULTRY	1992	X	277,331,000
	1991	X	284,654,000
LIVESTOCK AND POULTRY PRODUCTS	1992	X	468,092,000
	1991	X	425,367,000
GRAND TOTAL	1992	1,490,976	2,221,612,100
	1991	1,457,212	1,878,425,400

1992 MILLION DOLLAR PRODUCTS

1992 Ranking

1991 Ranking

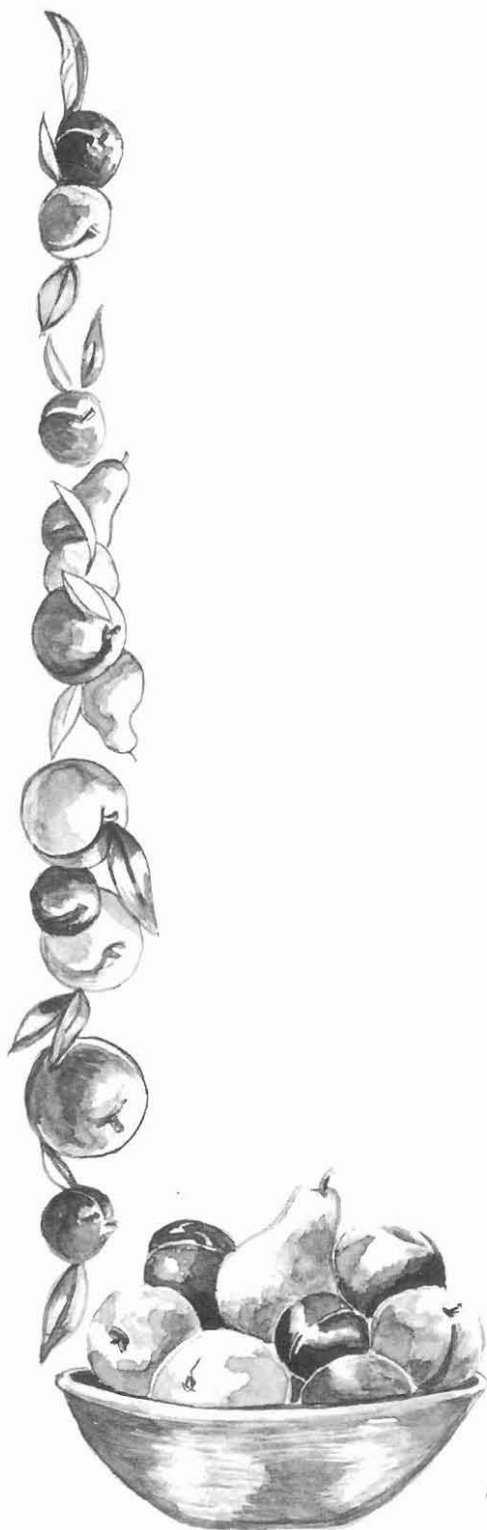
1	Milk	\$455,239,000	1
2	Oranges - Navel & Valencia	359,315,000	5
3	Grapes	327,991,000	2
4	Cattle & Calves	236,844,000	3
5	Cotton - Lint & Seed	150,450,000	4
6	Plums	71,955,000	6
7	Nectarines	67,913,000	9
8	Alfalfa - Hay & Silage	61,118,000	7
9	Olives	58,580,000	16
10	Peaches - Cling & Freestone	42,698,000	8
11	Walnuts	33,660,000	10
12	Corn - Grain & Silage	32,476,000	12
13	Kiwifruit	30,368,000	14
14	Apples	24,858,000	17
15	Hogs & Pigs	24,610,000	13
16	Almonds	19,222,000	15
17	Prunes	15,507,000	20
18	Wheat	14,620,000	18
19	Pistachio Nuts	10,834,000	25
20	Tangerines	8,765,000	28
21	Pasture & Range	8,573,000	21
22	Grapefruit	8,262,000	35
23	Silage - Small Grain	7,785,000	19
24	Manure	7,450,000	30
25	Turkeys	7,363,000	11
26	Persimmons	7,272,000	27
27	Nursery - Ornamental Trees & Shrubs	6,724,000	24
28	Tomatoes - Fresh	6,498,000	42
29	Cucumbers	6,448,000	43
30	Barley	6,316,000	29
31	Beans - Dry	5,763,000	23
32	Broccoli	5,727,000	33
33	Honey	4,036,000	32
34	Apricots	3,702,000	26
35	Timber Harvested	3,426,000	31
36	Nursery - Citrus & Subtropical Trees	3,397,000	36
37	Pomegranates	2,790,000	34
38	Pears & Asian Pears	2,772,000	39
39	Nursery - Deciduous Fruit & Nut Trees	2,542,000	35
40	Sugar Beets	2,111,000	38
41	Nursery - Grape & Berry Vines	2,021,000	37
42	Nursery - Foliage Plants & Cut Flowers	1,963,000	41
43	Pecans	1,812,000	46
44	Pollination	1,790,000	45
45	Cauliflower	1,343,000	40
46	Avocados	1,064,000	**

** No crop in 1991 - freeze damage.

TWENTY YEAR COMPARISON OF AGRICULTURE INCOME IN TULARE COUNTY

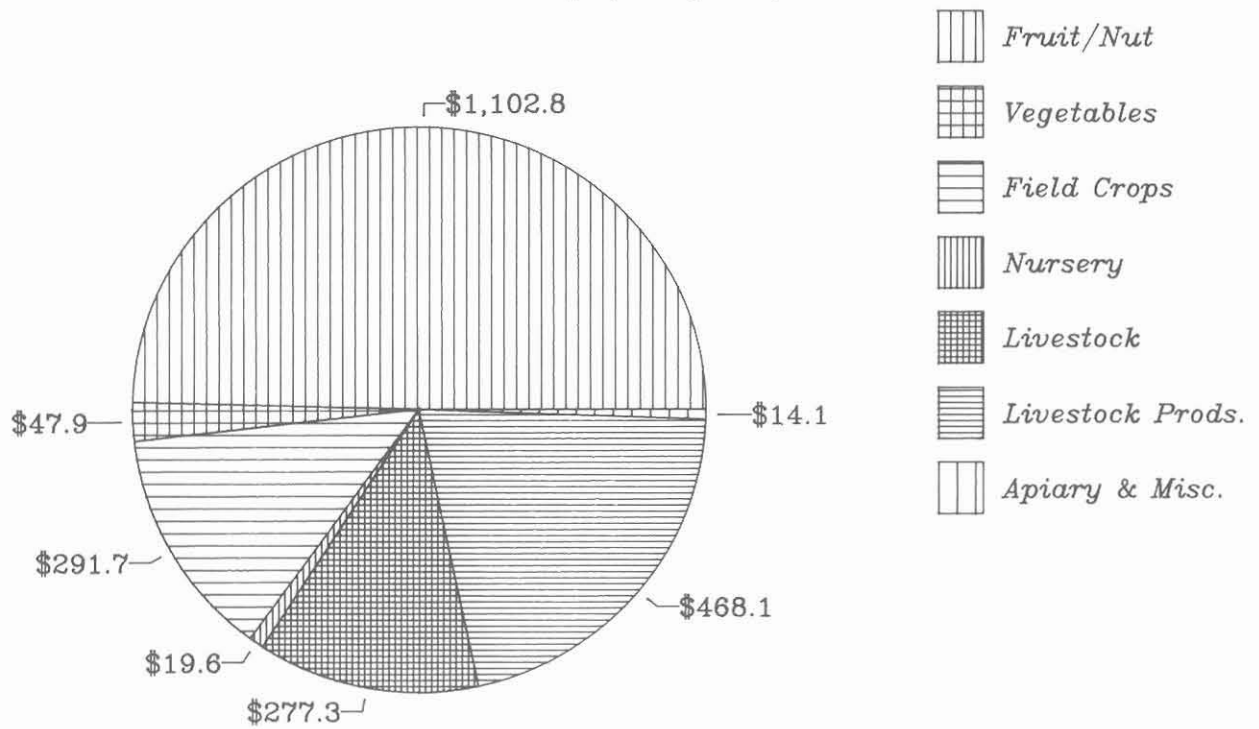
1973-1992

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
1991	1,878,425,400
1992	2,221,612,100



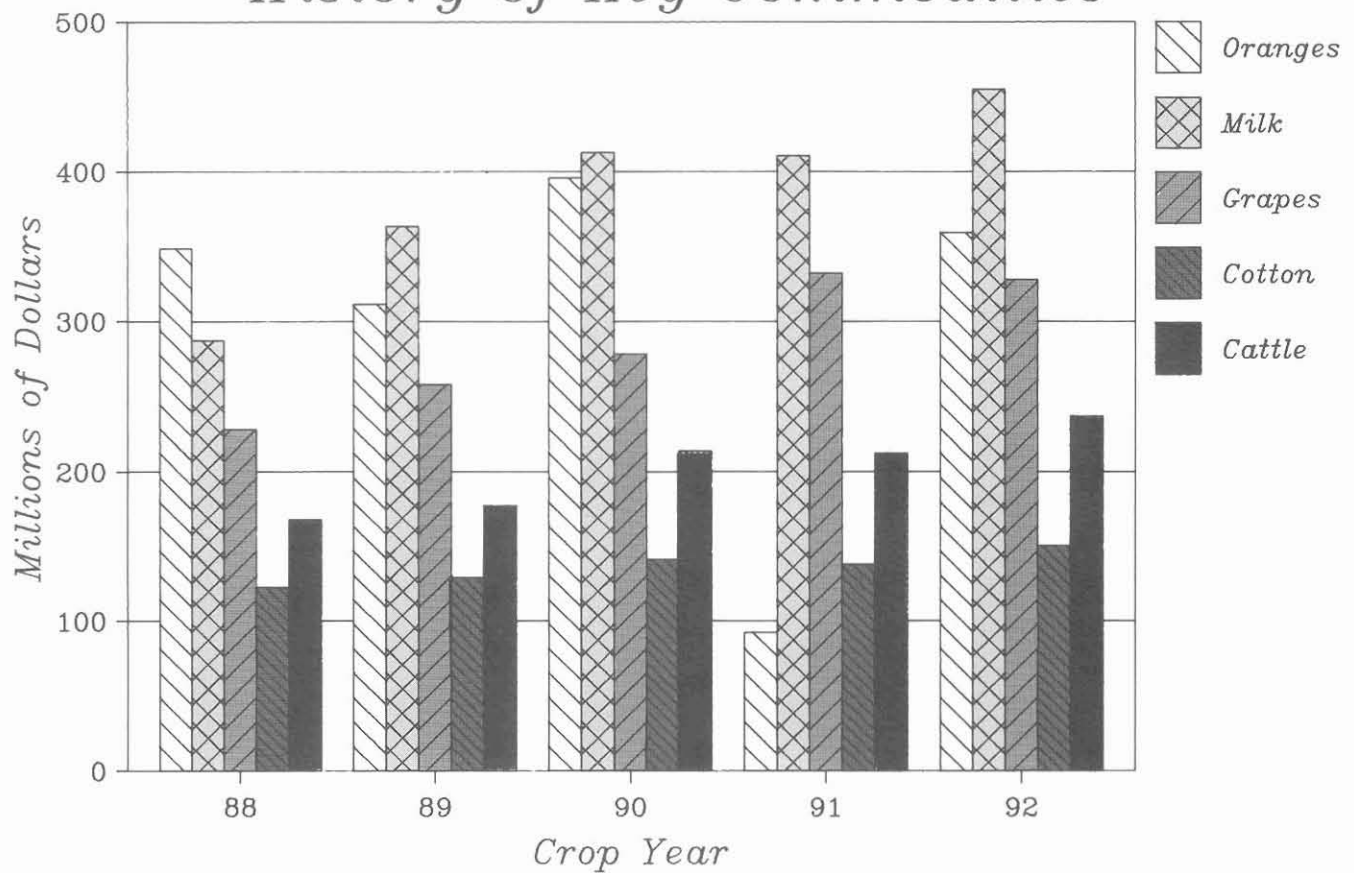
TULARE COUNTY – 1992

Total Value \$2,221,612,100



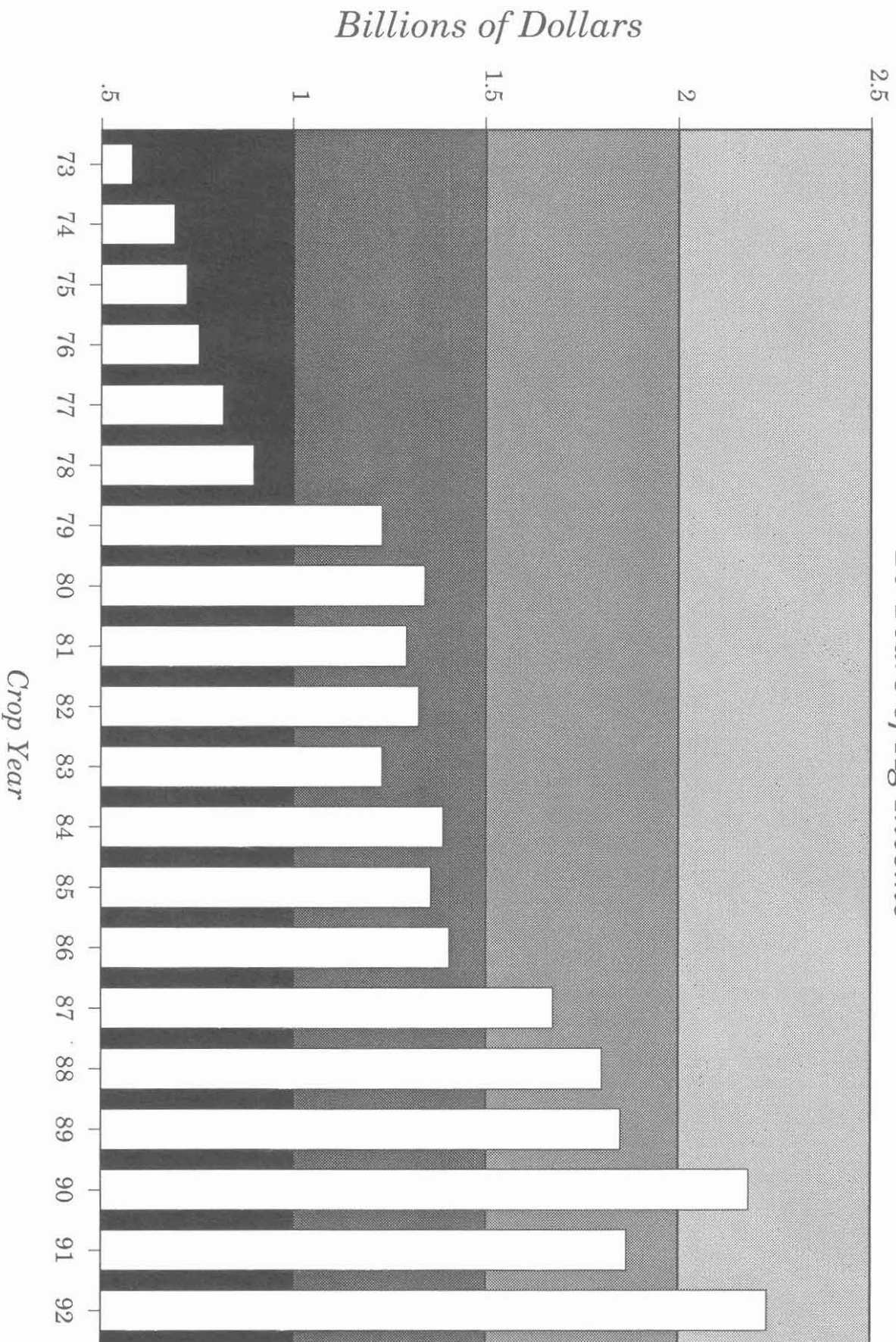
Millions of Dollars

History of Key Commodities



TULARE COUNTY

20 Years of Ag Income



TULARE COUNTY SUSTAINABLE AGRICULTURAL REPORTING

Pest	Agent/Mechanism	Program Scope
COUNTY BIOLOGICAL CONTROL		
Ash Whitefly <u>Siphoninus phillyreae</u>	Parasitic Wasp <u>Encarsia nr. partenopea</u> Ladybird Beetle <u>Cleitostethus arcuatus</u>	10 sites 2 sites
Comstock Mealybug <u>Pseudococcus comstocki</u>	Parasitic Wasps <u>Pseudaphycus malinus</u> <u>Allotropa burrelli</u>	2 sites
Cotton-Cushion Scale <u>Icerya purchasi</u>	Parasitic Fly <u>Cryptochetum iceryae</u> Vedalia Beetle <u>Rodolia cardinalis</u>	Upon demand Upon demand
Italian Thistle <u>Carduus pycnocephalus</u>	Seed Head Weevil <u>Rhinocylus conicus</u>	3 sites
Milk Thistle <u>Silybum marianum</u>	Seed Head Weevil <u>Rhinocylus conicus</u>	Upon demand
Puncture Vine <u>Tribulus terrestris</u>	Seed & Stem Weevils <u>Microlarinus lareynii</u> <u>Microlarinus lypriformis</u>	1 site*
Russian Thistle <u>Salsola kali</u>	Casebearer Moth <u>Coleophora klimeschiella</u>	1 site 4 sites
Western Grapeleaf Skeletonizer <u>Harrisina brillians</u>	Virus collection for CDFA, Biological Control Lab	
Yellow Star Thistle <u>Centaurea solstitialis</u>	Seed Head Weevil <u>Bangasternus orientalis</u>	2 sites
COUNTY PEST ERADICATION Pink Bollworm <u>Pectinophora gossypiella</u>	Mechanical/Host Free Period	145,000 acres 10 growers cited
COUNTY PEST EXCLUSION Citrus Canker <u>Xanthomonas campestris</u> pv. <u>citri</u>	Retail Sales, UPS/Postal Shipments	2 rejections/ destroyed
Citrus Tristeza Virus	Retail	1 rejection/ returned
Tephritid Fruit Flies	Retail	2 rejections/ destroyed

*Collections made for release in San Luis Obispo County.

ORGANIC FARMING STATISTICS

Crops	Estimated Acres
Citrus, Grapes, Herbs, Kiwifruit, and Tree Fruit	3,000

A SPECIAL THANK YOU

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