California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Tulare County

1974-1977

1974

AGRICULTURAL COMMISSIONER

TULARE COUNTY

Clyde R. Churchill

Phone (209) 732-5511 Ext. 306

Agricultural Bldg.
County Civic Center

Main & Woodland Dr.
Visalia, Calif. 93277

1974

L. T. WALLACE, DIRECTOR
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE HONORABLE BOARD OF SUPERVISORS OF THE
COUNTY OF TULARE

Gentlemen:

In accordance with the provisions of Section 2279 of the California Agricultural Code, I am pleased to submit the Annual Agricultural Crop Report of the acreage, production, and valuation of the agricultural crops and products produced in the County of Tulare during the calendar year 1974.

While this report shows a record year of farm production for Tulare County farmers, it must once again be emphasized that these figures are gross returns to the producer and does not indicate actual net or profit. It must be remembered that while production and returns are at an all time high, the cost of producing, harvesting, shipping, etc. has kept pace or has actually surpassed returns in some cases.

The information in this report is from many and varied sources. To those people who contributed, I express my sincere appreciation for their assistance, knowledge and guidance necessary for the compilation of this report.

I would like to take this opportunity to express my thanks to all those, federal, state and county agencies, along with the members of my staff, for their loyal assistance in making this year another banner one for Tulare County farmers and this department.

Respectfully submitted,

Clyde R Churchill

Clyde R. Churchill
Agricultural Commissioner

COUNTY OF TULARE

CLYDE R. CHURCHILL
AGRICULTURAL COMMISSIONER

WILLIAM R. CLARK
ASSISTANT AGRICULTURAL COMMISSIONER

ANNUAL CROP REPORT

1974

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Compiled by

Robert S. Dunbar - Agricultural Inspector

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A BRIEF HISTORY OF CITRUS

TULARE COUNTY'S GOLDEN HARVEST

The various species of the genus citrus are all believed to be native to the subtropical and tropical regions of Asia and the Malay Archipelago, and to have spread from there to other sections of the world.

Although no direct reference to citrus can be found in the Bible, it is known that the Jews, at their annual feast of the tabernacles were, and still are, accustomed to present themselves in the synagogue carrying in their hands Myrtle, Willow and Palm boughs to which hadar or citrons are attached.

It would then seem logical to assume that some early genus of citrus did exist in Palestine in the days of Moses and his people.

In an ancient chinese manuscript, the book of "Yu Kung" dated 2197 B.C., the statement was made, "the bundle contained small oranges and pummeloes", thus supporting the theory that several species of citrus did in fact exist in China many centuries before they became established in Europe.

In the year 310 B.C., Theophrastus and other scholars of the time mention in their written narratives of the beautiful appearance of both the citrus tree and it's fruit. This was apparently the citron and for several hundred years was the only citrus fruit known to European civilization.

Although as many as 27 varieties of citrus were known to exist in China in the year 1178, it was probably around 1400 or seventeen centuries after the citron was introduced into European civilization before the sweet and sour orange and the lemon were cultivated in this region.

In tracing the history of citrus, it must be pointed out that the Norman Conquerors, Roman Legions, Arabic Nomads and the Christian Crusades all had a part in the spread of citrus culture throughout the world.

Most historians agree that the genus citrus was not native to the Americas, but was quite possibly introduced to the West Indies by Christopher Columbus on his second voyage to the new world in 1493.

No records are known to exist indicating when the first citrus reached California, but early manuscripts kept by the Franciscan fathers indicate the first oranges were planted at the Mission San Diego in 1769. The large seedling sweet oranges were then transplanted among the several missions throughout California.

In 1804 lemons were also to be found at the missions and the first sizeable planting of sweet orange seedlings of four or five acres were to be found across the road from the mission San Gabriel.

The first real commercial planting was on fifth street in Los Angeles and was set out in 1841 by Mr. William Wolfskill. The grove, in addition to sweet orange seedlings, featured lemons which were reported to be very thick-skinned.

In 1868 Mr. William Saunders, Superintendent of the Gardens of the U.S. Department of Agriculture, ordered a dozen navel orange trees from Brazil. These trees were specimens of the navel orange known as "Selecta" which were gaining fame as being a seedless fruit of fine quality.

Mrs. Eliza Tibbetts, of Riverside, California, requested some of the trees be sent to her, and Mr. Saunders granted her request. By 1875 Mr. & Mrs. Tibbetts

were reportedly selling buds from these two trees for five dollars apiece.

Valencia oranges were introduced into California at about this time in history and Tulare County's citrus industry was about to be born.

Tulare County's first attempt to grow citrus met with failure due to freezing temperatures during the winter months. The year was 1856 and the seedling oranges along with some 500 grapevines were set out by Sardis Wilcox who farmed in the south Tule River country near the city of Porterville. The grapes did well, but all the citrus died.

In 1863 Mrs. Huffman White of Frazier Valley, east of the present community of Strathmore, planted seeds from oranges given to her sons by a family friend from Visalia. One tree lived and in seven years it bore ten fruit which she sold for a dollar each.

A simultaneous planting of oranges occurred in the Plano area south of Porterville by Mrs. Gideon Deming Gibbons. She obtained the fruit while at a Fourth of July celebration in Visalia and planted the seeds in her front yard. Gibbons continued to cultivate and replant these trees until he had an orchard of 74 trees. In 1885 Mr. Gibbons won a first prize for seedling oranges at the Los Angeles Citrus Fair, which possibly led to serious thought of Central California as a citrus producing area. Mr. L. E. Prestage bought the ranch in 1899 and successfully budded all of the trees with the exception of one row to Washington navels. Eight of these trees are still bearing and in a healthy condition.

The growth of the citrus industry in Tulare County appears to be well documented. Mr. S. Z. Curtis reported he had eighteen Seville orange trees in the Twin Butte area near Ivanhoe in 1870. Alfred Everton planted 200

orange trees near Three Rivers about the same time and in 1876 Zachariah Miller, who farmed in the Elbow Creek area, brought the first box of oranges into Visalia for the Christmas trade.

The first commercial planting of oranges in Tulare County was by a Porterville man, Albert R. Henry. Mr. Henry drove to Los Angeles in a covered wagon and bought 100 budded trees which he then planted at the bottom of Carter Hill northeast of Porterville. Mr. Henry, along with his brother Oliver and nephew Willshier, is also credited with starting the first citrus nursery in Tulare County.

Citrus was started in the Exeter area by George Frost, a promoter from Riverside, who persuaded A. C. Merryman, a lumber businessman, to invest in oranges in the Exeter area. The Merryman Fruit, Land and Lumber Company was the start of the famous Bonnie Brae Ranch under the direction of Frost.

A. C. and J. Smith Dungan were among the first ranch foreman of the Merryman properties and later these two men became owners of extensive plantings of their own in the Exeter area. The Dungan family is still actively engaged in the citrus farming business in Tulare County.

Captain Arthur Hutchinson, a retired British army officer, organized the Lindsay Land Company and started the commercial citrus industry which now centers around this community. Another Lindsay man, J. J. Cairns, began to experiment with pumped wells in the 1890's and over the next 20 or 30 years, Cairns demonstrated that underground water could be pumped. The farmers were no longer dependent upon rainfall, ditch water or windmills, and the future of Tulare County Citrus was assured. Electricity and promotional advertising further helped develop the citrus industry and prospective buyers swarmed into the Central California area.

Latter day prospectors again found a golden crop to harvest and in a few years the county was known far and wide for its' quality citrus products. The so-called orange belt stretched along the Sierra Nevada foothills from Jasmine on the south, thru Terra Bella, Porterville, Strathmore, Lindsay, Exeter, Lemon Cove, Woodlake, Dinuba, to Orange Cove on the north.

Fifty years after Mrs. White and Mrs. Gibbons planted orange seeds, 28,000 acres were planted to various varieties of citrus in the county.

Although the valley experienced heavy freezes, an alarming drop in the water table and marketing problems, citrus continued to build slowly through the depression of the 30's and the war years of the early 1940's.

In 1945 the total acreage of all citrus planted stood at 39,223 acres and the crop was valued at $35,934,000. Citrus stayed fairly stable in both acreage and value until the late 1950's when an increased demand for valley citrus, coupled with a growing economy world wide, again triggered a land boom throughout Central California, and particularly in southern Tulare County.

In 1958 Tulare County's total acres planted to citrus stood at 40,000. By 1968, 80,769 acres graced the slopes and valleys of this area. The acreage planted to all varieties of citrus in 1974 stands at approximately 90,245 acres and the crop was valued at $106,009,000 making Tulare County the number one citrus producing county in the state.

Where this trend will end, no one can say for certain, but it seems reasonable to assume that Tulare County will continue to be the leader and number one producer of citrus for many years to come.

Acknowledgements:

The citrus industry Volume I and II by Walter Reuther; Modern History of Tulare County; limited Editions of Visalia Inc.; The Orange has a History, Too! by Roy R. McClain; Visalia Times-Delta, Golden Century Edition, June 25, 1959; Women Who Planted Seeds Pioneered Citrus Industry, by Joe Doctor.

Prepared by:

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Cover Photo:

William R. Clark, Assistant Agricultural Commissioner - Tulare County

TULARE COUNTY AGRICULTURAL ACREAGE STATISTICS

ORCHARD	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
CITRUS			
Grapefruit	130	94	224
Lemons	3,296	809	4,105
Limes	11	2	13
Navels	55,597	3,734	59,331
Valencias	24,180	332	24,512
Tangerines	1,367	510	1,877
TOTAL	84,581	5,481	90,062
DECIDUOUS AND GRAPES			
Almonds	4,108	322	4,430
Apples	125	27	152
Apricots	183	28	211
Avocados	280	430	710
Cherries	17	28	45
Figs	57	0	57
Grapes			
Table	24,320	2,513	26,833
Raisin	32,525	2,239	34,764
Wine	11,195	6,841	18,036
Nectarines	3,695	1,917	5,612
Olives	11,907	3,042	14,949
Peaches			
Cling	1,770	90	1,860
Freestone	2,005	1,222	3,227
Pears & Apple Pears	129	63	192
Plums	8,886	2,181	11,067
Prunes	3,717	983	4,700
Persimmons	231	38	269
Pistachio Nuts	176	499	675
* Pomegranates	855	155	1,010
Quince	60	14	74
Walnuts	19,363	9,469	28,832
* Acreage Revised			
TOTAL	125,604	32,101	157,705
Total Grapes	68,040	11,593	79,633
Total Orchard Crops	142,145	25,989	168,134
TOTAL	210,185	37,582	247,767

1973-74 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Barley	1974	42,000	1.61	67,620	Ton	97.60	6,600,000
	1973	78,500	1.66	130,000	Ton	71.50	9,295,000
Beans - Dry	1974	10,000	1.05	10,500	Ton	260.00	2,730,000
	1973	8,800	.90	7,900	Ton	550.00	4,345,000
Corn - Field	1974	8,080	3.62	29,250	Ton	143.00	4,183,000
	1973	25,000	2.75	68,750	Ton	150.00	10,313,000
Cotton - Lint A/	1974	171,400	781.44	279,000	Bale	50.20	67,228,000
	1973	135,400	788.42	222,400	Bale	46.96	50,129,000
Cotton - Seed	1974	X	X	120,000	Ton	160.00	19,200,000
	1973	X	X	93,300	Ton	116.25	10,846,000
Hay - Alfalfa	1974	101,000	7.51	759,000	Ton	60.00	45,540,000
	1973	102,000	7.85	801,000	Ton	53.75	43,054,000
Processed	1974	X	X	X	X	X	X
	1973	X	X	13,490	Ton	77.75	1,049,000
Grain	1974	12,970	1.51	19,580	Ton	44.50	871,000
	1973	6,400	2.56	16,000	Ton	28.00	448,000
Oats	1974	1,730	.80	1,380	Ton	122.00	168,000
	1973	1,530	1.12	1,710	Ton	82.50	141,000
Pasture & Range Irrigated	1974	21,300	X	X	Acre	75.00	1,598,000
	1973	28,000	X	X	Acre	75.00	2,100,000
Native	1974	900,000	X	X	Acre	5.50	4,950,000
	1973	900,000	X	X	Acre	5.00	4,500,000
Other	1974	3,530	X	X	Acre	10.00	35,300
	1973	5,100	X	X	Acre	5.00	25,500
Rice	1974	2,020	2.32	4,690	Ton	240.00	1,126,000
	1973	886	2.35	2,080	Ton	200.00	416,000
Safflower	1974	X	X	X	X	X	X
	1973	1,100	.75	825	Ton	190.00	157,000
Seed Screenings	1974	X	X	940	Ton	56.00	52,600
	1973	X	X	1,000	Ton	64.00	64,000
Silage	1974	47,900	20.75	994,000	Ton	12.50	12,425,000
	1973	22,100	17.90	396,000	Ton	7.90	3,128,000

1973-74 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Sorghum Grain	1974	15,200	2.12	32,220	Ton	126.00	4,060,000
	1973	25,400	2.33	59,200	Ton	101.00	5,979,000
Straw	1974	X	X	6,300	Ton	21.00	132,000
	1973	X	X	16,000	Ton	14.75	236,000
Sugar Beets	1974	3,600	26.48	95,330	Ton	37.83	3,606,000
	1973	2,958	22.07	65,300	Ton	14.67	958,000
Wheat	1974	31,600	1.91	60,360	Ton	119.40	7,207,000
	1973	9,260	1.92	17,780	Ton	86.75	1,542,000
TOTAL	1974						181,712,000
	1973						148,726,000

A/ Cotton - Lint Yield in pounds, Production 480 lbs. gross weight bales, Lint price on hundredweight basis.

SEED CROPS: ACREAGE, PRODUCTION AND VALUE 1973-74

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Beans - Blackeye #5							
Registered or	1974	271	1.88	510	Ton	320.00	163,000
Certified	1973	363	.90	327	Ton	800.00	262,000
Barley - Registered	1974	91	2.75	250	Ton	130.00	32,500
or Certified	1973	783	.95	744	Ton	100.00	74,400
Wheat - Registered	1974	636	2.75	1,750	Ton	153.00	268,000
or Certified	1973	555	1.50	832	Ton	120.00	99,800
Misc. Vegetables	1974	105	X	X	X	X	94,500
for seed	1973	141	X	X	X	X	34,100
Sudan Grass	1974	128	.90	115	Ton	200.00	23,000
	1973	160	.36	58	Ton	400.00	23,200
TOTAL	1974						581,000
	1973						494,000

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE 1973-74

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Asparagus	1974	258	2.77	714	Ton	680.00	486,000
	1973	226	2.70	610	Ton	650.00	397,000
Processed	1974	X	.69	178	Ton	420.00	74,800
	1973	X	X	29	Ton	360.00	10,400
Beans - Green Fresh Market	1974	29	2.75	80	Ton	240.00	19,200
	1973	35	6.37	223	Ton	250.00	55,750
Processed	1974	1,100	2.75	3,025	Ton	155.00	469,000
	1973	2,675	2.87	7,677	Ton	105.00	806,000
Corn - Sweet	1974	83	4.04	335	Ton	190.00	63,650
	1973	63	1.25	79	Ton	185.20	14,630
Cucumbers - Fresh	1974	241	6.38	1,538	Ton	430.00	661,000
	1973	264	9.10	2,402	Ton	327.00	785,000
Processed	1974	X	X	X	X	X	X
	1973	220	7.36	1,620	Ton	88.30	143,000
Melons - Cranshaw	1974	X	X	X	X	X	X
	1973	40	3.80	152	Ton	105.00	15,900
Honey Dew - Fresh	1974	X	X	X	X	X	X
	1973	620	7.68	4,464	Ton	103.00	460,000
Processed	1974	X	X	X	X	X	X
	1973	X	X	300	Ton	10.00	3,000
Persian	1974	X	X	X	X	X	X
	1973	30	4.80	144	Ton	105.00	15,100
Casaba	1974	X	X	X	X	X	X
	1973	30	5.00	150	Ton	103.00	15,500
Misc. Varieties	1974	600	7.00	4,200	Ton	85.00	357,000
	1973	X	X	X	X	X	X
Watermelons	1974	89	12.50	1,110	Ton	80.00	88,800
	1973	322	11.25	3,622	Ton	42.82	155,000
Pepper - Bell	1974	61	4.34	265	Ton	438.00	116,000
	1973	235	4.04	949	Ton	285.00	270,000
Chili	1974	X	X	X	X	X	X
	1973	377	1.36	513	Ton	490.00	251,000
Jalapino	1974	X	X	X	X	X	X
	1973	30	6.50	195	Ton	92.50	18,000

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE 1973-74

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Peppers Continued							
Pimento	1974	215	8.83	1,898	Ton	170.00	323,000
	1973	X	X	X	X	X	X
Potatoes - Market	1974	1,150	13.00	14,950	Ton	74.00	1,106,000
	1973	455	15.67	7,130	Ton	96.64	689,000
Squash	1974	148	10.84	1,604	Ton	358.00	574,000
	1973	224	9.11	2,040	Ton	328.00	669,000
Tomatoes - Fresh	1974	1,684	21.99	37,030	Ton	359.00	13,294,000
	1973	1,645	21.86	35,960	Ton	544.00	19,562,000
Misc- Vegetables	1974	611	X	X	X	X	909,000
Bitter melons, Cauliflower, Broccoli, Taro Corms, cabbage, Lettuce	1973	30	X	X	X	X	167,000
TOTAL	1974						18,541,000
	1973						24,502,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE 1973-74

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Almond - Meats	1974	4,108	.60	2,460	Ton	1,574.00	3,872,000
	1973	3,625	.42	1,542	Ton	2,460.00	3,793,000
Apples - Fresh	1974	125	5.64	705	Ton	207.00	146,000
	1973	110	6.83	460	Ton	253.00	116,000
Processed	1974	X	X	672	Ton	80.00	53,760
	1973	X	X	291	Ton	26.00	7,600
Apricots	1974	183	5.56	1,020	Ton	559.00	570,000
	1973	187	4.56	850	Ton	270.00	230,000
Avocados	1974	280	1.99	557	Ton	542.00	302,000
	1973	254	1.37	348	Ton	680.00	237,000
Cherries	1974	17	1.00	17	Ton	500.00	8,500
	1973	17	3.92	67	Ton	473.00	31,600
Figs	1974	57	3.90	222	Ton	1,166.00	259,000
	1973	57	13.92	790	Ton	402.00	318,000
Grapes - Table	1974	24,320	5.11	X	X	X	92,301,000
	1973	23,649	4.92	X	X	X	79,992,000
Emperor	1974	14,795	5.24	77,500	Ton	336.00	26,040,000
	1973	14,053	5.18	72,800	Ton	435.00	31,668,000
Almeria	1974	650	4.74	3,080	Ton	378.00	1,164,000
	1973	782	4.71	3,680	Ton	395.00	1,454,000
Ribier	1974	3,807	4.83	18,400	Ton	423.00	7,783,000
	1973	3,852	5.03	19,400	Ton	482.00	9,351,000
White Malaga	1974	66	5.75	380	Ton	304.00	116,000
	1973	395	3.22	1,270	Ton	370.00	470,000
Red Malaga	1974	127	5.75	730	Ton	435.00	318,000
	1973	420	4.27	1,790	Ton	439.00	786,000
Muscats	1974	220	9.50	2,090	Ton	205.00	428,000
	1973	676	13.00	8.790	Ton	270.00	2,373,000
Cardinal	1974	361	5.15	1,860	Ton	541.00	1,006,000
	1973	377	4.92	1,850	Ton	464.00	858,000
Italia	1974	657	4.48	2,940	Ton	431.00	1,267,000
	1973	703	4.94	3,470	Ton	420.00	1,457,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE 1973-74

Crop	Year	Harvested Acreage	Production Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Grapes - Table Cont. Miscellaneous	1974	3,060	6.32	19,300	Ton	374.00	7,218,000
	1973	3,067	3.95	12,110	Ton	440.00	5,328,000
Thompson - Fresh	1974	15,800	5.97	94,300	Ton	498.00	46,961,000
	1973	14,000	4.30	60,200	Ton	436.00	26,247,000
Canning	1974	X	X	24,500	Ton	135.00	3,308,000
	1973	X	X	7,900	Ton	120.00	948,000
Grapes - Raisin	1974	32,525	X	14,560	Ton	640.00	9,318,000
	1973	31,685	X	26,000	Ton	700.00	18,200,000
Grapes - Wine	1974	11,195	X	175,000	Ton	110.00	19,250,000
	1973	8,366	X	165,000	Ton	93.20	15,378,000
Grapefruit - Fresh	1974	130	9.60	1,248	Ton	166.00	207,000
	1973	140	7.90	1,106	Ton	175.00	194,000
Lemons - Fresh	1974	3,296	4.12	9,747	Ton	341.00	3,324,000
	1973	3,005	9.47	7,904	Ton	279.00	2,205,000
Processed	1974	X	X	3,838	Ton	48.00	184,000
	1973	X	X	20,558	Ton	60.00	1,233,000
Nectarines - Fresh	1974	3,695	10.14	37,500	Ton	372.00	13,950,000
	1973	3,349	7.72	25,800	Ton	338.00	8,720,000
Olives - Canned	1974	11,907	2.75	31,800	Ton	409.00	13,006,000
	1973	12,001	3.91	45,900	Ton	388.00	17,809,000
Oil	1974	X	X	1,000	Ton	154.00	154,000
	1973	X	X	1,000	Ton	110.00	110,000
Oranges - Navel	1974	55,597	8.06	346,000	Ton	195.61	67,681,000
	1973	52,883	7.15	230,000	Ton	187.70	43,171,000
Processed	1974	X	X	102,000	Ton	14.67	1,496,000
	1973	X	X	148,000	Ton	15.00	2,220,000
Valencia	1974	24,180	10.87	156,000	Ton	186.44	29,085,000
	1973	24,214	5.76	43,350	Ton	157.30	6,819,000
Processed	1974	X	X	107,000	Ton	17.07	1,826,000
	1973	X	X	96,220	Ton	39.00	3,753,000
Peaches - Cling Processed	1974	1,770	9.54	16,900	Ton	132.00	2,231,000
	1973	1,586	13.00	20,620	Ton	96.74	1,995,000
Freestone -Fresh	1974	2,005	13.00	26,000	Ton	378.00	9,828,000
	1973	1,766	10.69	18,880	Ton	355.00	6,702,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE 1973-74

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Pears & Apple Pears	1974	129	1.40	180	Ton	349.00	62,800
	1973	129	6.10	787	Ton	341.00	268,000
Plums - Fresh	1974	8,886	7.74	68,400	Ton	375.00	25,650,000
	1973	8,554	4.27	36,530	Ton	458.00	16,731,000
Processed	1974	X	X	397	Ton	8.00	3,200
	1973	X	X	X	X	X	X
Persimmons	1974	231	4.32	998	Ton	431.00	430,000
	1973	210	4.44	932	Ton	744.00	693,000
Pomegranates	1974	*855	5.98	5,110	Ton	246.00	1,257,000
	1973	1,648	4.48	7,380	Ton	393.00	2,900,000
Prunes - Processed (Dry Wt.)	1974	3,717	2.67	9,940	Ton	462.00	4,592,000
	1973	3,709	1.75	6,500	Ton	450.00	2,925,000
Pistachio Nuts (Dry Wt.)	1974	176	720.00	127,000	Lbs.	1.55	197,000
	1973	176	2,500.00	440,000	Lbs.	2.00	880,000
Quince	1974	60	5.00	300	Ton	542.00	163,000
	1973	60	6.73	404	Ton	324.00	131,000
Tangerines	1974	1,361	6.00	8,170	Ton	270.00	2,206,000
	1973	1,367	12.60	17,220	Ton	214.00	3,685,000
Walnuts	1974	19,363	1.30	25,000	Ton	432.00	10,800,000
	1973	18,856	1.20	22,700	Ton	600.00	13,620,000
Miscellaneous - Bushberries	1974	40	2.01	80	Ton	542.00	43,360
	1973	X	X	X	X	X	X
TOTAL	1974						318,765,000
	1973						256,015,000

* Pomegranate - Acreage revised

NURSERY PRODUCTS: SALES AND VALUE 1973-74

Item	Year	Quantity Sold	Unit	Per Unit	Total
Citrus and Subtropical Fruit trees	1974	91,000	Each	2.80	375,000
	1973	45,000	Each	2.46	111,000
Citrus Buds	1974	207,000	Each	.07	14,500
	1973	25,000	Each	.07	1,750
Citrus Seedlings	1974	18,250	Each	.13	2,400
	1973	10,000	Each	.12	1,200
Deciduous Fruit and Nut Trees	1974	769,000	Each	1.75	1,346,000
	1973	452,000	Each	1.96	886,000
Grape Vines	1974	3,062,000	M	186.00	570,000
	1973	6,258,000	M	390.00	2,441,000
Ornamentals & Cut Flowers	1974	X	X	X	1,552,000
	1973	X	X	X	1,044,000
Vegetable and Flower Plants in Flats	1974	476,000	Flats	.73	347,000
	1973	366,000	Flat	.24	87,800
TOTAL	1974				4,087,000
	1973				4,573,000

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE 1973-74

Item	Year	No. of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle & Calves	1974	256,000	X	Head	172.00	44,032,000
	1973	291,000	X	Head	177.00	51,507,000
Lambs	1974	250	20,000	Lb.	.392	7,840
	1973	800	64,000	Lb.	.353	22,600
Sheep	1974	980	108,000	Lb.	.124	13,400
	1973	1,000	110,000	Lb.	.141	15,500
Hogs & Pigs	1974	35,690	X	Head	73.60	2,627,000
	1973	32,200	X	Head	57.00	1,835,000
Broilers & Fryers	1974	3,127,000	12,886,000	Lb.	.261	3,363,000
	1973	4,055,000	15,331,000	Lb.	.256	3,925,000
Other Chickens	1974	85,000	341,000	Lb.	.066	22,500
	1973	149,000	596,000	Lb.	.112	66,700
Pullets	1974	521,000	X	Each	2.38	1,240,000
	1973	906,000	X	Each	2.16	1,957,000
Turkeys	1974	1,179,000	25,584,000	Lb.	.282	7,215,000
	1973	1,041,800	21,565,000	Lb.	.371	8,001,000
Miscellaneous	1974	X	X	X	X	1,782,000
Chicks-Poults	1973	X	X	X	X	1,551,000
Rabbits-Squabs						
Geese-pigeons						
TOTAL	1974					60,303,000
	1973					68,881,000

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE 1973-74

Item	Year	Production	Unit	Value Per Unit	Total
Milk - Market	1974	11,612,000	Cwt.	7.68	89,180,000
	1973	10,799,000	Cwt.	6.31	68,142,000
Manufacturing	1974	245,000	Cwt.	6.62	1,622,000
	1973	372,000	Cwt.	5.82	2,165,000
Wool	1974	9,934	Lb.	.66	6,560
	1973	21,000	Lb.	.93	19,500
Eggs-Chicken-Market	1974	2,696,000	Doz.	.480	1,294,000
	1973	3,728,000	Doz.	.494	1,842,000
Turkey - Hatching	1974	11,203,000	Each	.465	5,209,000
	1973	12,605,000	Each	.320	4,034,000
TOTAL	1974				97,312,000
	1973				76,203,000

APIARY PRODUCTS: PRODUCTION AND VALUE 1973-74

Item	Year	Production	Unit	Value Per Unit	Total
Honey - Orange	1974	960,000	Lb.	.42	403,000
	1973	1,480,000	Lb.	.45	666,000
Other	1974	1,000,000	Lb.	.42	420,000
	1973	925,000	Lb.	.45	416,000
Beeswax	1974	40,000	Lb.	1.25	50,000
	1973	37,000	Lb.	.85	31,450
Pollination A/	1974	40,000	Colony	7.00	280,000
	1973	37,000	Colony	6.00	222,000
TOTAL	1974				1,153,000
	1973				1,335,000

A/ From Bee Colonies registered in Tulare County.

	TOTAL OF MAJOR CROPS		CROP TOTALS
FIELD CROPS			181,712,000
	Cotton	67,228,000	
	Cotton Seed	19,200,000	
	Alfalfa	45,540,000	
SEED CROPS			581,000
VEGETABLE CROPS			18,541,000
FRUIT AND NUT CROPS			318,765,000
	Grapes	124,177,000	
	Olives	13,160,000	
	Oranges		
	Navel	69,177,000	
	Valencia	30,911,000	
	Peaches		
	Cling	2,231,000	
	Freestone	9,828,000	
	Plums	25,653,000	
	Walnuts	10,800,000	
NURSERY PRODUCTS			4,087,000
LIVESTOCK & POULTRY			60,303,000
	Livestock	46,680,000	
	Poultry	13,622,000	
LIVESTOCK & POULTRY PRODUCTS			97,312,000
	Milk	90,802,000	
	Eggs	6,503,000	
APIARY PRODUCTS			1,153,000
		GRAND TOTAL	682,454,000

COMPARISON OF AGRICULTURAL INCOME

1954 - 1974

1954	222,542,176
1955	233,612,492
1956	263,403,142
1957	284,308,391
1958	328,584,889
1959	341,645,299
1960	334,012,325
1961	322,770,545
1962	329,094,057
1963	325,848,300
1964	357,335,000
1965	324,221,000
1966	373,408,000
1967	364,729,000
1968	376,443,000
1969	378,849,000
1970	408,039,000
1971	402,550,000
1972	463,191,000
1973	580,729,000
1974	682,454,000

1975

ANNUAL REPORT

1975

TULARE COUNTY AGRICULTURAL COMMISSIONER

AGRICULTURAL COMMISSIONER

TULARE COUNTY

Clyde R. Churchill

Phone (209) 733-6391

Agricultural Bldg.
County Civic Center

Main & Woodland Dr.
Visalia, Calif. 93277

1975

L. T. WALLACE, DIRECTOR
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE HONORABLE BOARD OF SUPERVISORS OF THE
COUNTY OF TULARE

Gentlemen:

In accordance with the provisions of Section 2279 of the California Agricultural Code, I am pleased to submit the Annual Agricultural Crop Report of the acreage, production and valuation of the agricultural crops and products produced in Tulare County during the calendar year 1975.

Again, this year, it must be emphasized that these figures are gross returns to the producer and does not indicate actual net or profit. The farmer continually finds himself in a price squeeze. Between the consumers demand for quality products and the inflationary spiral of producing, harvesting, and shipping his product to market, the net profit to the grower is considerably reduced.

This report is the result of information gathered from many sources. I wish to express my appreciation to all those agencies, both private and governmental, who assisted in compiling this report. I would also like to thank all the members of my staff, without whose input, the publication of this report would be impossible.

Respectfully submitted,

Clyde R Churchill

CLYDE R. CHURCHILL
Agricultural Commissioner

COUNTY OF TULARE

CLYDE R. CHURCHILL
AGRICULTURAL COMMISSIONER

WILLIAM R. CLARK
ASSISTANT AGRICULTURAL COMMISSIONER

ANNUAL CROP REPORT

1975

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COUNTY EXECUTIVE OFFICER, JAMES E. WILLIAMS

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Ernest W. Crew	Deputy Agricultural Commissioner
Bernis Naylor	Deputy Agricultural Commissioner
Roger E. Brown	Deputy Agricultural Commissioner
Frank Eatwell	Senior Inspector III
James B. Gilley	Senior Inspector III
George Simpson	Senior Inspector III
Lynn Thomas	Senior Inspector III

Compiled by

Robert S. Dunbar - Agricultural Inspector

PERSONNEL

Clerical

Melissa Kelly
Virginia Wells
Majorie McKee
Shirley McLain
Veronica Hernandez

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Albert Grimsley
David Gould
Cecil Kenoyer
Roy Miyake
Eugene Russell
Erwin Schultz

Apiary Regulations

James B. Gilley
Hector Prieto

Warehouseman

Bert Gayden

Vertebrate Pest District Inspectors

Larry Bastian
Kenneth Hodson
Rocky Loop

Pesticide Use Enforcement District Inspectors

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Jim Campbell
Eugene Watkins

Weed Control

John Schultz
Tom Griffiths

Egg Quality Control

Jack Sisson

Plant Pest Detection

John Akana

Agricultural Inspectors

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Chris Francone
Aubrey Maze
Larry McIntire
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Joe Romani
Mark Sanders
Deo Tigulo

CETA Inspectors

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Vicki L. Dungan
Jean Smith
Morris Wycuff
Loren Sansom
Michael D. Rice

A BRIEF LOOK AT THE HISTORY OF TULARE COUNTY AGRICULTURE, OUR #1 INDUSTRY

In trying to present a brief look at agriculture in our County, it becomes necessary to delve into ancient history in order to lay the basis for the tremendous strides man has accomplished in a relatively short span of years.

Agriculture is defined in the dictionary as the "science or art of cultivating the soil, harvesting crops and raising livestock". Agriculture probably originated in the Middle East, perhaps in the grassy uplands where wild grains and animals first to be domesticated were found in excavations.

Very likely planting and harvesting of crops came about through primative peoples observation while gathering seeds. They may have noticed that the grain-bearing grasses grew where seeds had been spilled or stored. They then placed some seeds in the ground and saw them grow.

People had precariously lived on the fruits and seeds the women gathered and the small animals the men managed to kill for thousands of years prior to this.

The development pattern was much the same throughout the world, except in the Americas, where agriculture was developed independently.

Our farming ancestors over the centuries, accomplished feats that modern man has yet to duplicate. Drawing upon wild stock, they developed all the major food plants and domestic animals grown today.

By the time Columbus discovered the New World and the Spaniards had conquered the Aztecs of Mexico and the Incas of Peru, the American civilization that then existed were mainly based upon some type of settled agriculture.

Among crops originating in the New World were corn, kidney and lima beans, squash, pumpkins and tobacco in the northern hemisphere. Potatoes, maize, sweet-potatoes, pineapples and peanuts were known to exist in South America.

New and better methods of cultivation, better strains of seed and rootstocks and stronger breeds of animals were constantly being developed for the next 250 years and improvements are still being made.

Then in 1772, four years before our County gained its independence, Don Pedro Fages and a group of soldiers hunting deserters crossed thru Tejon Pass and gazed down upon what was to become the greatest agriculture producing area in the world, the great San Joaquin Valley of California.

In 1776 Padre Francisco Garces followed Pedro Fages into the valley, coming as far North as White River, South of the present farming community of Ducor.

Jedediah Strong Smith, passed thru the valley in 1827, and crossed the Sierra Nevada range into the Great Salt Lake Basin of what is now the State of Utah.

Other early comers to the area were, Thomas L. "peg-leg" Smith, Peter Lebec, the Ewing Young party, consisting of 40 men, one of which was the famous frontiersman Kit Carson, and finally in 1844 John C. Fremont explored the San Joaquin in some detail.

The first efforts toward a permanent settlement were made in 1850 by a party of 12 men led by John Woods. Woods constructed a log cabin on the South bank of the Kaweah River, about 8 miles East of Visalia, but, the party was to be massacred by Indians late that year.

In 1852 the Legislature created Tulare County and the first elections were held. In the meantime, Nathaniel Vise, who had settled 7 miles West of John Wood had been attracting settlers to his vicinity.

Through the 1850's, cattle and hog raising constituted the chief agricultural industry and rodeos were held simi-annually for the purpose of branding and driving

stock to market. The livestock industry continued to grow thru the years and the cattle industry in Tulare County is now one of our major sources of income.

Over the next few years, roads were established and conditions further improved, mainly as a result of the Kern River goldrush and an avalanche of travelers and settlers came into the county.

Two large factors occurred in the 1870's which changed Tulare County from a predominately livestock raising area, to one of varied crop production. First the railroad was extended through the center of the County to the City of Tipton and then on South to Bakersfield. Secondly the "No Fence Law" passed the 1874 session of the Legislature, compelling livestock owners to fence their stock, thus allowing vineyards, orchards, field and grain crops to flourish.

The first actual commercial farming in the County, was dryland farming of wheat, barley and oats, because these crops could be grown without irrigation. Large acreages were planted and huge harvesters were used, many requiring 36 mule hitches and more to pull them over the rolling countryside.

Then in 1885 the steam harvester was introduced by George Stockton Berry, who had large grain holdings in the Lindsay area. The harvester was the first self-propelled farm machine and was the forerunner of tractors and other farm equipment.

The first citrus was planted in the County about 1863 and by the 1880's several commercial plantings were being developed. Pumped wells and the advent of electricity into the County contributed greatly to the rise of our citrus industry and today we are the number one citrus producing county in the State.

Cotton was grown in the late 1860's and 1870's in the valley and although the quality and texture were good, there were no gins in the county and disposal of the crop was a real problem. The Acala variety was introduced, replacing the old Egyptian strain and by the early 1920's cotton was established as one of the leading economic crops.

Dairying, which has become one of the leading industries of Tulare County, was usually carried out as a side line by most farmers in the area thru the 60's and 70's. Then in the late 1880's D. K. Zumwalt, a very progressive farmer in the Visalia-Tulare area, is credited with starting the first commercial creamery in the County. This creamery was run in rather a crude way for several years and in 1903, the Tulare Cooperative Creamery was organized. Dairying continued to grow thru the early 1900's and in the past few years dairymen who had succumbed to urban encrouchment in the large metropolitan areas have found Tulare County a haven to continue to pursue their occupations.

Viticulture is now our number one agriculture industry in terms of gross returns to the grower. When the County was first settled wild grapes grew in profusion along the streams and swamps. The pioneers used them for jelly, wine and trained the vines to grow over home arbors for the shade they provided.

James Persian is credited with planting the first commercial vineyard in the County in 1854. His homestead was West of Visalia and by 1859 he advertised local grown wine for sale.

The first record of raisins in the County is 1867, when Frank Jeffords who also ranches near Visalia made excellent raisins from Black Hamburg, Muscats and Rose de Peru varieties.

Viticulture lagged until deep well pumping provided a constant supply of water and until refrigerator railroad cars were available.

The industry continued to grow slowly until the World War II era when several new plantings of table grapes were started, particularly in the Southwest part of the County.

Several other major crops such as olives, deciduous tree fruits, walnuts and vegetables all developed in much the same pattern throughout the County, until today we are known for our diversity in the number of agricultural products grown.

The railroads, better truck service, irrigation systems, modern equipment, scientific use of fertilizers and pesticides, along with better quality and marketing procedures, have all contributed to bring Tulare County agriculture amongst the top leaders in the world.

In 1975 some 200 years after Pedro Fages and Father Garces first visited our valley and a mere 125 years since commercial agriculture was started in the County, we find that in access of 1,700,000 acres is being farmed, with a total gross income of several million dollars.

While the farmer of Tulare County will receive only a small percentage of these millions for his net profit, there is no doubt that agriculture is our number one industry.

Acknowledgements:

After a hundred years, The Yearbook of Agriculture, 1962
Farmers World, The Yearbook of Agriculture, 1964
Modern History of Tulare County; Limited Editions of Visalia Inc.
Land of the Tules; Annie R. Mitchell

Prepared by:

Roger E. Brown, Deputy Agricultural Commissioner, Tulare County

Cover:

William R. Clark, Assistant Agricultural Commissioner, Tulare County

TULARE COUNTY AGRICULTURAL ACREAGE STATISTICS

ORCHARD	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
CITRUS			
Grapefruit	128	150	278
Lemons	3,530	1,462	4,992
Limes	10	4	14
Navels	56,986	2,346	59,332
Valencias	24,210	140	24,350
Tangerines	829	8	837
TOTAL	85,693	4,110	89,803
DECIDUOUS AND GRAPES			
Almonds	4,286	3,842	8,128
Apples	128	18	146
Apricots	192	19	211
Avocados	334	536	870
Cherries	35	10	45
Figs	70	0	70
Grapes			
Table	24,510	2,316	26,826
Raisin	32,737	2,344	35,081
Wine	15,592	2,484	18,076
Nectarines	3,901	2,228	6,129
Olives	12,579	2,377	14,956
Peaches			
Cling	1,747	135	1,882
Freestone	2,086	1,353	3,439
Pears & Apple Pears	115	112	227
Pecans	19	52	71
Plums	9,074	2,555	11,629
Prunes	3,771	993	4,764
Persimmons	237	43	280
Pistachio Nuts	163	702	865
Pomegranates	1,066	258	1,324
Quince	62	2	64
Walnuts	20,891	9,057	29,948
TOTAL	133,493	31,328	164,821
Total Grapes	72,839	7,144	79,983
Total Orchard Crops	146,347	28,294	164,821
TOTAL	219,186	35,438	254,624

Above acreage computed through December, 1975

1974-75 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Barley	1975	29,000	2.35	68,150	Ton	106.66	7,269,000
	1974	42,000	1.61	67,620	Ton	97.60	6,600,000
Beans - Dry	1975	6,000	1.05	6,300	Ton	370.00	2,331,000
	1974	10,000	1.05	10,500	Ton	260.00	2,730,000
Corn - Field	1975	8,000	3.62	28,960	Ton	116.00	3,359,000
	1974	8,080	3.62	29,250	Ton	143.00	4,183,000
Cotton - Lint A/	1975	104,000	916.66	199,000	Bale	51.60	49,192,000
	1974	171,400	781.44	279,000	Bale	50.20	67,228,000
Cotton - Seed	1975	X	X	81,000	Ton	106.66	8,639,000
	1974	X	X	120,000	Ton	160.00	19,200,000
Hay - Alfalfa	1975	88,700	7.15	634,000	Ton	59.50	37,723,000
	1974	101,000	7.51	759,000	Ton	60.00	45,540,000
Processed	1975	X	X	X	X	X	X
	1974	X		X		X	X
Grain	1975	3,600	2.00	7,200	Ton	52.50	378,000
	1974	12,970	1.51	19,580	Ton	44.50	871,000
Oats	1975	2,430	.80	1,940	Ton	120.00	233,000
	1974	1,730	.80	1,380	Ton	122.00	168,000
Pasture & Range Irrigated	1975	15,000	X	X	Acre	75.00	1,163,000
	1974	21,300	X	X	Acre	75.00	1,598,000
Native	1975	900,000	X	X	Acre	7.00	6,300,000
	1974	900,000	X	X	Acre	5.50	4,950,000
Other	1975	3,720	X	X	Acre	10.00	37,200
	1974	3,530	X	X	Acre	10.00	35,300
Rice	1975	3,500	2.35	8,230	Ton	160.00	1,317,000
	1974	2,020	2.32	4,690	Ton	240.00	1,126,000
Safflower	1975	455	1.50	680	Ton	200.00	136,000
	1974	X		X		X	X
Seed Screenings	1975	X	X	290	Ton	87.00	25,200
	1974	X	X	940	Ton	56.00	52,600
Silage	1975	58,500	17.66	1,033,000	Ton	10.68	11,032,000
	1974	47,900	20.75	994,000	Ton	12.50	12,425,000

1974-75 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per	Value Total
Sorghum Grain	1975	42,800	1.91	81,750	Ton	96.50	7,889,000
	1974	15,200	2.12	32,220	Ton	126.00	4,060,000
Straw	1975	X	X	7,150	Ton	22.50	161,000
	1974	X	X	6,300	Ton	21.00	132,000
Sugar Beets	1975	6,470	33.55	217,000	Ton	27.98	6,072,000
	1974	3,600	26.48	95,330	Ton	37.83	3,606,000
Wheat	1975	108,000	2.53	273,000	Ton	125.75	34,330,000
	1974	31,600	1.91	60,360	Ton	119.40	7,207,000
TOTAL	1975						177,586,000
	1974						181,712,000

A/ Cotton - Lint Yield in pounds, Production 480 lbs. gross weight bales, Lint price on hundredweight basis.

SEED CROPS: ACREAGE, PRODUCTION AND VALUE 1974-75

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Beans - Blackeye #5 Registered or Certified	1975	51	2.00	102	Ton	370.00	37,700
	1974	271	1.88	510	Ton	320.00	163,000
Barley - Registered or Certified	1975	250	2.30	580	Ton	120.00	69,600
	1974	91	2.75	250	Ton	130.00	32,500
Wheat - Registered or Certified	1975	590	2.50	1,480	Ton	154.00	228,000
	1974	636	2.75	1,750	Ton	153.00	268,000
Misc. Vegetables for seed	1975	218	X	X	X	X	126,000
	1974	105	X	X	X	X	94,500
Sudan Grass	1975	X	X	X	X	X	X
	1974	128	.90	115	Ton	200.00	23,000
TOTAL	1975						461,000
	1974						581,000

1974-75 VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Asparagus	1975	282	4.14	1,170	Ton	582.00	681,000
	1974	258	2.77	714	Ton	680.00	486,000
Processed	1975	X	X	X	X	X	X
	1974	X	.69	178	Ton	420.00	74,800
Beans - Green Fresh Market	1975	50	3.00	150	Ton	320.00	48,000
	1974	29	2.75	80	Ton	240.00	19,200
Processed	1975	2,280	3.00	6,840	Ton	170.00	1,163,000
	1974	1,100	2.75	3,025	Ton	155.00	469,000
Corn - Sweet	1975	114	4.17	480	Ton	145.00	70,000
	1974	83	4.04	335	Ton	190.00	63,650
Cucumbers - Fresh	1975	91	5.05	460	Ton	286.00	132,000
	1974	241	6.38	1,538	Ton	430.00	661,000
Processed	1975	90	15.00	1,350	Ton	110.00	149,000
	1974	X	X	X	X	X	X
Melons - Miscellaneous Varieties	1975	600	7.50	4,500	Ton	86.50	389,000
	1974	600	7.00	4,200	Ton	85.00	357,000
Watermelons	1975	208	8.00	1,660	Ton	50.00	83,000
	1974	89	12.50	1,110	Ton	80.00	88,800
Onions	1975	121	17.00	2,060	Ton	50.00	103,000
	1974	X	X	X	X	X	X
Peppers - Bell	1975	20	6.75	135	Ton	317.00	42,800
	1974	61	4.34	265	Ton	438.00	116,000
Chili	1975	233	12.50	2,912	Ton	140.00	408,000
	1974	X	X	X	X	X	X
Pimento	1975	310	11.75	3,640	Ton	170.00	619,000
	1974	215	8.83	1,898	Ton	170.00	323,000
Potatoes - Market	1975	282	15.00	4,230	Ton	120.00	508,000
	1974	1,150	13.00	14,950	Ton	74.00	1,106,000
Squash	1975	168	7.49	1,258	Ton	355.00	447,000
	1974	148	10.84	1,604	Ton	358.00	574,000
Tomatoes	1975	1,190	16.99	20,220	Ton	509.00	10,292,000
	1974	1,684	21.99	37,030	Ton	359.00	13,294,000

1974-75 VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Miscellaneous Vegetables	1975	1,147	X	X	X	X	1,741,000
	1974	611	X	X	X	X	909,000
TOTAL	1975						16,876,000
	1974						18,541,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE 1974-75

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Almond - Meats	1975	4,286	.325	1,390	Ton	1,280.00	1,779,000
	1974	3,625	.60	2,460	Ton	1,574.00	3,872,000
Almond - Hulls	1975	X	X	3,090	Ton	55.00	170,000
	1974	X	X	X	X	X	X
Apples - Fresh	1975	137	12.37	1,695	Ton	266.00	451,000
	1974	125	5.64	705	Ton	207.00	146,000
Processed	1975	X	X	630	Ton	65.00	40,950
	1974	X	X	672	Ton	80.00	53,760
Apricots	1975	194	5.00	970	Ton	542.00	526,000
	1974	183	5.56	1,020	Ton	559.00	570,000
Avocados	1975	338	.75	254	Ton	1,219.00	310,000
	1974	280	1.99	557	Ton	542.00	302,000
Cherries	1975	35	.12	4	Ton	520.00	2,080
	1974	17	1.00	17	Ton	500.00	8,500
Figs	1975	70	5.58	390	Ton	794.00	310,000
	1974	57	3.90	222	Ton	1,166.00	259,000
Grapes - Table	1975	25,339	5.55	X	X	X	101,371,000
	1974	24,320	5.11	X	X	X	92,301,000
Emperor	1975	15,649	5.08	79,500	Ton	426.00	33,867,000
	1974	14,795	5.24	77,500	Ton	336.00	26,040,000
Almeria	1975	650	6.33	4,110	Ton	500.00	2,055,000
	1974	650	4.74	3,080	Ton	378.00	1,164,000
Ribier	1975	3,828	4.82	18,450	Ton	422.00	7,786,000
	1974	3,807	4.83	18,400	Ton	423.00	7,783,000
White Malaga	1975	391	6.90	2,700	Ton	391.00	1,056,000
	1974	66	5.75	380	Ton	304.00	116,000
Red Malaga	1975	492	4.37	2,150	Ton	394.00	847,000
	1974	127	5.75	730	Ton	435.00	318,000
Muscats	1975	207	10.50	2,170	Ton	210.00	456,000
	1974	220	9.50	2,090	Ton	205.00	428,000
Cardinal	1975	396	5.33	2,110	Ton	403.00	850,000
	1974	361	5.15	1,860	Ton	541.00	1,006,000
Italia	1975	657	5.95	3,910	Ton	416.00	1,627,000
	1974	657	4.48	2,940	Ton	431.00	1,267,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE 1974-75

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Grapes - Table Cont.	1975	3,276	5.95	19,500	Ton	456.00	8,892,000
Miscellaneous	1974	3,060	6.32	19,300	Ton	374.00	7,218,000
Thompson - Fresh	1975	17,100	5.89	101,000	Ton	435.00	43,935,000
	1974	15,800	5.97	94,300	Ton	498.00	46,961,000
Canning	1975	X	X	16,300	Ton	120.00	1,956,000
	1974	X	X	24,500	Ton	135.00	3,308,000
Grapes - Raisin	1975	33,033	X	18,420	Ton	647.00	11,918,000
	1974	32,525	X	14,560	Ton	640.00	9,318,000
Grapes - Wine	1975	15,673	X	176,000	Ton	86.19	15,169,000
	1974	11,195	X	175,000	Ton	110.00	19,250,000
Grapefruit - Fresh	1975	130	12.00	1,560	Ton	167.00	261,000
	1974	130	9.60	1,248	Ton	166.00	207,000
Lemons - Fresh	1975	3,456	13.00	15,730	Ton	258.00	4,058,000
	1974	3,296	4.12	9,747	Ton	341.00	3,324,000
Processed	1975	X	X	29,200	Ton	50.00	1,460,000
	1974	X	X	3,838	Ton	48.00	184,000
Nectarines - Fresh	1975	4,130	7.29	30,110	Ton	490.00	14,754,000
	1974	3,695	10.14	37,500	Ton	372.00	13,950,000
Olives - Canned	1975	12,667	2.85	36,100	Ton	425.00	15,343,000
	1974	11,907	2.75	31,800	Ton	409.00	13,006,000
Oil	1975	X	X	2,250	Ton	140.00	315,000
	1974	X	X	1,000	Ton	154.00	154,000
Oranges - Navel	1975	57,177	9.58	382,000	Ton	192.63	73,585,000
	1974	55,597	8.06	346,000	Ton	195.61	67,681,000
Processed	1975	X	X	166,000	Ton	15.00	2,490,000
	1974	X	X	102,000	Ton	14.67	1,496,000
Valencia	1975	24,360	9.65	131,000	Ton	186.84	24,476.000
	1974	24,180	10.87	156,000	Ton	186.44	29,085,000
Processed	1975	X	X	104,000	Ton	40.00	4,160,000
	1974	X	X	107,000	Ton	17.07	1,826,000
Peaches - Cling	1975	1,803	10.21	18,400	Ton	128.50	2,364,000
Processed	1974	1,770	9.54	16,900	Ton	132.00	2,231,000
Freestone - Fresh	1975	2,146	12.47	26,760	Ton	488.00	13,059,000
	1974	2,005	13.00	26,000	Ton	378.00	9,828,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE 1973-74

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Pears & Apple Pears	1975	115	1.43	160	Ton	489.00	78,200
	1974	129	1.40	180	Ton	349.00	62,800
Plums - Fresh	1975	9,345	10.22	95,500	Ton	469.00	44,790,000
	1974	8,886	7.74	68,400	Ton	375.00	25,650,000
Processed	1975	X	X	388	Ton	9.50	3,690
	1974	X	X	397	Ton	8.00	3,200
Persimmons	1975	237	2.78	650	Ton	516.00	341,000
	1974	231	4.32	998	Ton	431.00	430,000
Pomegranates	1975	1,012	4.90	4,960	Ton	298.00	1,478,000
	1974	855	5.98	5,110	Ton	246.00	1,257,000
Prunes - Processed (Dry Wt.)	1975	3,881	1.55	6,020	Ton	405.00	2,438,000
	1974	3,717	2.67	9,940	Ton	462.00	4,592,000
Pistachio Nuts (Dry Wt.)	1975	163	2,543.00	415,000	Lbs.	.97	403,000
	1974	176	720.00	127,000	Lbs.	1.55	197,000
Quince	1975	62	6.51	400	Ton	404.00	162,000
	1974	60	5.00	300	Ton	542.00	163,000
Tangerines	1975	1,721	6.09	10,480	Ton	240.00	2,515,000
	1974	1,361	6.00	8,170	Ton	270.00	2,206,000
Walnuts	1975	21,115	1.26	26,540	Ton	474.00	12,580,000
	1974	19,363	1.30	25,000	Ton	432.00	10,800,000
Miscellaneous - Bushberries and Strawberries	1975	44	2.59	114	Ton	549.00	62,600
	1974	40	2.01	80	Ton	542.00	43,360
TOTAL	1975						355,180,000
	1974						318,765,000

1974-75 NURSERY PRODUCTS: SALES AND VALUE

Item	Year	Quantity Sold	Unit	Per Unit	Total
Citrus and Subtropical Fruit trees	1975	45,000	Each	4.37	197,000
	1974	91,000	Each	2.80	375,000
Citrus Buds	1975	29,500	Each	.07	2,070
	1974	207,000	Each	.07	14,500
Citrus Seedlings	1975	26,000	Each	.12	3,120
	1974	18,250	Each	.13	2,400
Deciduous Fruit and Nut Trees	1975	1,061,000	Each	1.59	1,687,000
	1974	769,000	Each	1.75	1,346,000
Grape Vines	1975	2,509,000	M	257.00	645,000
	1974	3,062,000	M	186.00	570,000
Ornamentals & Cut Flowers	1975	X	X	X	1,612,000
	1974	X	X	X	1,552,000
Vegetable and Flower Plants in Flats	1975	28,000	Flats	1.23	34,400
	1974	476,000	Flats	.73	347,000
TOTAL	1975				4,181,000
	1974				4,087,000

1974-75 LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle & Calves	1975	245,000	X	Head	155.00	37,975,000
	1974	256,000	X	Head	172.00	44,032,000
Lambs	1975	500	40,000	Lb.	.429	17,200
	1974	250	20,000	Lb.	.392	7,840
Sheep	1975	1,000	110,000	Lb.	.108	11,900
	1974	980	108,000	Lb.	.124	13,400
Hogs & Pigs	1975	34,260	X	Head	92.76	3,178,000
	1974	35,690	X	Head	73.60	2,627,000
Broilers & Fryers	1975	4,001,000	16,004,000	Lb.	.260	4,161,000
	1974	3,127,000	12,886,000	Lb.	.261	3,363,000
Other Chickens	1975	104,000	390,000	Lb.	.064	25,000
	1974	85,000	341,000	Lb.	.066	22,500
Pullets	1975	415,000	X	Each	2.31	959,000
	1974	521,00	X	Each	2.38	1,240,000
Turkeys	1975	556,000	12,543,000	Lb.	.318	3,989,000
	1974	1,179,000	25,584,000	Lb.	.282	7,215,000
Miscellaneous	1975	X	X	X	X	1,418,000
Chicks-Poults	1974	X	X	X	X	1,782,000
Rabbits-Squabs						
Geese-pigeons						
TOTAL	1975					51,734,000
	1974					60,303,000

1974-75 LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Milk - Market	1975	11,888,000	Cwt.	8.61	102,356,000
	1974	11,612,000	Cwt.	7.68	89,180,000
Manufacturing	1975	181,000	Cwt.	7.14	1,292,000
	1974	245,000	Cwt.	6.62	1,622,000
Wool	1975	7,500	Lb.	.31	2,330
	1974	9,934	Lb.	.66	6,560
Eggs-Chicken-Market	1975	2,432,000	Doz.	.531	1,291,000
	1974	2,696,000	Doz.	.480	1,294,000
Turkey - Hatching	1975	6,298,000	Each	.392	2,469,000
	1974	11,203,000	Each	.465	5,209,000
TOTAL	1975				107,410,000
	1974				97,312,000

1974-75 APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Honey - Orange	1975	1,200,000	Lb.	.42	504,000
	1974	960,000	Lb.	.42	403,000
Other	1975	1,000,000	Lb.	.40	400,000
	1974	1,000,000	Lb.	.42	420,000
Beeswax	1975	40,000	Lb.	1.20	48,000
	1974	40,000	Lb.	1.25	50,000
Pollination A/	1975	40,000	Colony	9.00	360,000
	1974	40,000	Colony	7.00	280,000
TOTAL	1975				1,312,000
	1974				1,153,000

A/ From Bee Colonies registered in Tulare County.

	TOTAL OF MAJOR CROPS		CROP TOTALS
FIELD CROPS			177,586,000
	Cotton	49,192,000	
	Cotton Seed	8,639,000	
	Alfalfa	37,723,000	
SEED CROPS			461,000
VEGETABLE CROPS			16,876,000
FRUIT AND NUT CROPS			355,180,000
	Grapes	128,458,000	
	Olives	15,658,000	
	Oranges		
	Navel	76,075,000	
	Valencia	28,636,000	
	Peaches		
	Cling	2,364,000	
	Freestone	13,059,000	
	Plums	44,794,000	
	Walnuts	12,580,000	
NURSERY PRODUCTS			4,181,000
LIVESTOCK & POULTRY			51,734,000
	Livestock	41,182,000	
	Poultry	10,552,000	
LIVESTOCK & POULTRY PRODUCTS			107,410,000
	Milk	103,648,000	
	Eggs	3,762,000	
APIARY PRODUCTS			1,312,000
		GRAND TOTAL	714,740,000

COMPARISON OF AGRICULTURAL INCOME

1974 - 1975

1955	233,612,492
1956	263,403,142
1957	284,308,391
1958	328,584,889
1959	341,645,299
1960	334,012,325
1961	322,770,545
1962	329,094,057
1963	325,848,300
1964	357,335,000
1965	324,221,000
1966	373,408,000
1967	364,729,000
1968	376,443,000
1969	378,849,000
1970	408,039,000
1971	402,550,000
1972	463,191,000
1973	580,729,000
1974	682,454,000
1975	714,740,000

1976

ANNUAL REPORT

1976

TULARE COUNTY AGRICULTURAL COMMISSIONER

AGRICULTURAL COMMISSIONER

TULARE COUNTY

Clyde R. Churchill

Phone (209) 733-6391

Agricultural Bldg.
County Civic Center

Main & Woodland Dr.
Visalia, Calif. 93277

1976

JAMES G. YOUDE, ACTING DIRECTOR
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE HONORABLE BOARD OF SUPERVISORS OF THE
COUNTY OF TULARE

Gentlemen:

In accordance with the provisions of Section 2279 of the California Agricultural Code, I am pleased to submit the Annual Agricultural Crop Report of the acreage, production and valuation of the agricultural crops and products produced in Tulare County during the calendar year 1976.

Again, this year, it must be emphasized that these figures are gross returns to the producer and does not indicate actual net or profit. The farmer continually finds himself in a price squeeze. Between the consumers demand for quality products and the inflationary spiral of producing, harvesting, and shipping his product to market, the net profit to the grower is considerably reduced.

This report is the result of information gathered from many sources. I wish to express my appreciation to all those agencies, both private and governmental, who assisted in compiling this report. I would also like to thank all the members of my staff, without whose input, the publication of this report would be impossible.

Respectfully submitted,

Clyde R Churchill

CLYDE R. CHURCHILL
Agricultural Commissioner

COUNTY OF TULARE

CLYDE R. CHURCHILL
AGRICULTURAL COMMISSIONER

WILLIAM R. CLARK
ASSISTANT AGRICULTURAL COMMISSIONER

ANNUAL CROP REPORT

1976

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Ernest W. Crew	Deputy Agricultural Commissioner
Bernis Naylor	Deputy Agricultural Commissioner
Roger E. Brown	Deputy Agricultural Commissioner
Frank Eatwell	Senior Inspector III
James B. Gilley	Senior Inspector III
George Simpson	Senior Inspector III
Lynn Thomas	Senior Inspector III

Compiled by

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Mark T. Sanders - Agricultural Inspector

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Veronica Hernandez

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VITICULTURE, AN ANCIENT FRUIT
MAKES GOOD IN TULARE COUNTY

The old world or European grape, Vitis vinifera, has been cultivated for so many years that its exact place of origin cannot be determined.

The oldest Hebrew, Greek, and Roman writings refer to grapes and winemaking, and seeds of grapes have been found in the oldes tombs of Egypt.

Many historians feel that the vinifera grape originated in the region of the Caspian and Black Seas.

Most scholars agree that the Egpytians probably were among the first to cultivate grapes and grew them for wine over six thousand years ago.

When the Vikings reached the North American continent, several hundred years before Columbus, they apparently found wild grapes so abundant that they called the new land, Vinland.

Today's american varieties derive from the native wild grapes, Muscadine and V. rotundifolia found in the South and the Concord and Niagara "V. labrusca" found in the North.

Europe which produces nearly 75% of the world's grapes, now use mostly rockstock which is naiive to the American Continent.

The reason for this is twofold. First the American stock is more resistent to the root louse, known as phyloxera and secondly, greater frost resistance in old world grapes is obtained by crossings made with American varieties.

In California old world varieties are grown on American rootstocks in soils where phyloxera is a problem. The most famous wines are also, usually made from old world grapes.

Italy produces more grapes than any other county in the world, with France and Spain next in that order.

The United States is fourth in world production, with over one half of the crops in Raisin varietics, but, only one half of these are made into raisins. The rest are used for wine or eaten fresh.

As with so many other fruits, the first grape cuttings were brought to California by the Franciscan Fathers.

The first vines planted by California ranchers, both Spanish and American, were secured from the missions and hence became popularly known as Mission grapes.

In 1851 Colonel Augustin Haraszthy planted some Muscatel grapes at San Diego, which he had secured at Alexandria, Egypt. Ten years later the vineyards propagated from these vines together with those brought in by the Franciscan padres were producing wine of sufficient qualtity. This prompted Governor Downey to appoint a commission to encourage the importation of better and disease-free vines into the State.

Before the coming of the white man to the San Joaquin Valley a variety of small, blue, wild grapes grew along the river bottoms.

When Jefferson Davis sent surveyors to the valley in about 1853, to locate the best route for a proposed railway, the commander of the expedition wrote that "It is probable that grapes could be cultivated in this valley with success. The borders of the creek were overgrown in places by thick masses of grapevines, loaded with long and heavy clusters of fruit".

Aside from perhaps a few individual grape vines planted near the homes of early day settlers, the first commercial vineyard of eight acres of Mission grapes were planted one-half mile southwest of the Oakgrove schoolhouse, in the spring of 1855, by a pioneer by the name of James Persian.

In the following spring, 1856, Dr. Reuben Mathews planted about four acres of the same variety just east of the corner of Main and East streets in the city of Visalia.

During the 1860's and 70's very little attention was given to the production of grapes on a commercial scale, except that a few plantings of wine varieties, including Muscats, were made in the vicinities of Farmersville, Visalia, Tulare, and Porterville,

The real viticultural development of Tulare County started about 1888 and into the 1890's as the deep well pump was made available to farmers of the area.

Even at that time the modern refrigerator railroad cars and trucks were not in existance and little or no attempt was made to produce table grapes commercially, although wine and raisin grapes were grown to considerable extent along with river delta areas where gravity flow water was available.

During the early 1880's quite a little enthusiasm was manifested in the planting and growing of Muscat and Malaga grapes in the vicinity of Tulare and Visalia and around Dinuba in the latter 80's and early 90's. These were used principally in the manufacture of wine and were shipped to the wineries throughout the state in tank cars.

From about 1892 to 1904 considerable acreages of Thompson Seedless grapes were planted, also a number of other table varieties and during the years of 1915, 16, and 17, good market values were realized, thus stimulating the further planting of grapes for fresh use.

Refrigerator rail cars came into their own during the early 1920's and the number of commercial grape acres planted to Thompson Seedless grapes increased from 21,597 acres in 1919 to 42,656 acres in 1921.

In 1924 there were 107 different shipping concerns operating in Tulare County from Earlimart, Richgrove on the south, to Dinuba and Kingsburg on the north.

It was about this time that the legislature enacted laws and regulations, governing the shipment of table grapes, requiring certain standards be met as to the maturity, quality, condition, etc. of grapes offered for sale on the fresh fruit market.

This law is for the protection of the industry as well as the consumer and the enforcement of these regultions were placed in the hands of the Agricultural Commissioner's Office and requires a great amount of attention from this office.

The grape industry remained fairly static through the depression years of the late 1920's and early 30's.

Then in the 1940's and 50's the economy of the country began to soar and the Friant Kern Canal was pushed through the southern part of the San Joaquin Valley to Kern County, bringing ample water to the dryland areas of southern Tulare County.

During the 1950's and 60's some of the largest grape holdings in the world were developed in southern Tulare County.

Although numerous names became synonymous in this area with high quality grapes, one of the best known and more colorful was that of P.J. Divizich's highland vineyards.

Mr. Divizich became known throughout the area as the King of Grapes and farmed over six thousand acres, featuring 33 different varieties. It was a well known fact that he could drive from his office and cold storage plant in Ducor for seven miles to the west and never leave his property boundaries.

Today we find that James Persian's first commercial planting of six acres of Mission grapes in 1855, has developed into over 75,000 acres planted in Tulare County in 1976 and adds $ 133,177,000 to our economy.

Despite problems with urban encrochment, drought conditions, escalating costs and other problems, the grape industry continues to be a dominent factor in the economy of Tulare County.

Acknowledgements:

Farmers World, The Yearbook of Agriculture, 1964
Land of the Tules; Annie R. Mitchell
Modern History of Tulare County; Limited Editions of Visalia Inc.

Prepared by:
Roger E. Brown, Deputy Agricultural Commissioner, Tulare County

TULARE COUNTY AGRICULTURAL ACREAGE STATISTICS

ORCHARD	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
CITRUS			
Grapefruit	133	164	297
Lemons	3,762	1,489	5,251
Limes	10	4	14
Navels	57,867	1,766	59,633
Valencias	23,952	109	24,061
Tangelos	854	85	939
Tangerines	778	5	783
TOTAL	87,356	3,622	90,978
DECIDUOUS AND GRAPES			
Almonds	4,266	3,974	8,240
Apples	144	12	156
Apricots	188	9	197
Avocados	371	721	1,092
Cherries	28	10	38
Figs	62	0	62
Grapes			
Table	24,684	1,108	25,792
Raisin	31,998	1,154	33,152
Wine	16,000	423	16,423
Nectarines	4,227	2,243	6,470
Olives	13,504	1,496	15,000
Peaches			
Cling	1,677	175	1,852
Freestone	2,138	1,241	3,379
Pears & Apple Pears	175	59	234
Pecans	25	67	92
Plums	9,653	2,518	12,171
Prunes	3,895	745	4,640
Persimmons	204	33	237
Pistachio Nuts	218	651	869
Pomegranates	1,085	323	1,408
Quince	63	12	75
Walnuts	22,119	6,383	28,502
TOTAL	136,724	23,357	160,081
Total Grapes	72,682	2,685	75,367
Total Orchard Grapes	151,398	24,294	175,692
TOTAL	224,080	26,979	251,059

Above acreage computed through December, 1976

1975-76 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Barley	1976	47,000	1.95	91,650	Ton	103.50	9,486,000
	1975	29,000	2.35	68,150	Ton	106.66	7,269.000
Beans - Dry	1976	6,500	.85	5,525	Ton	340.00	1,879,000
	1975	6,000	1.05	6,300	Ton	370.00	2,331,000
Corn - Field	1976	15,000	3.19	47,850	Ton	105.00	5,024,000
	1975	8,000	3.62	28,960	Ton	116.00	3,359,000
Cotton - Lint A/	1976	143,000	944.00	281,000	Bale	71.40	96,384,000
	1975	104,000	916.66	199,000	Bale	51.60	49,192,000
Cotton - Seed	1976	X	X	115,000	Ton	107.00	12,305,000
	1975	X	X	81,000	Ton	106.66	8,639,000
Hay - Alfalfa	1976	84,000	7.00	588,000	Ton	69.75	41,013,000
	1975	88,700	7.15	634,000	Ton	59.50	37,723,000
Grain	1976	3,750	2.00	7,500	Ton	63.00	473,000
	1975	3,600	2.00	7,200	Ton	52.50	378,000
Oats	1976	1,360	.85	1,156	Ton	118.00	136,000
	1975	2,430	.80	1,940	Ton	120.00	233,000
Pasture & Range Irrigated	1976	12,000	X	X	Acre	75.00	900,000
	1975	15,000	X	X	Acre	75.00	1,163,000
Native	1976	900,000	X	X	Acre	7.00	6,300,000
	1975	900,000	X	X	Acre	7.00	6,300,000
Other	1976	3,680	X	X	Acre	10.00	36,800
	1975	3,720	X	X	Acre	10.00	37,200
Rice	1976	1,354	2.61	3,534	Ton	138.00	488,000
	1975	3,500	2.35	8,230	Ton	160.00	1,317,000
Safflower	1976	X	X	X	Ton	X	X
	1975	455	1.50	680	Ton	200.00	136,000
Seed Screenings	1976	X	X	400	Ton	64.00	25,600
	1975	X	X	290	Ton	87.00	25,200
Silage	1976	51,540	15.87	817,940	Ton	11.46	9,374,000
	1975	58,500	17.66	1,033,000	Ton	10.68	11,032,000
Sorghum Grain	1976	29,100	2.25	65,475	Ton	87.00	5,696,000
	1975	42,800	1.91	81,750	Ton	96.50	7,889,000

1975-76 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Straw	1976	5,000	1.5	7,500	Ton	20.75	156,000
	1975	X	X	7,150	Ton	22.50	161,000
Sugar Beets	1976	6,091	32.94	200,638	Ton	19.84	3,981,000
	1975	6,470	33.55	217,000	Ton	27.98	6,072,000
Wheat	1976	66,000	1.99	131,340	Ton	110.19	14,472,000
	1975	108,000	2,53	273,000	Ton	125.75	34,330,000
Total	1976						191,740,000
	1975						177,586,000

A/ Cotton-Lint Yield in pounds, Production 480 lbs. gross weight bales, Lint price on hundredweight basis.

SEED CROPS: ACREAGE, PRODUCTION AND VALUE 1975-76

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Beans - Blackeye #5 Registered or Certified	1976	178	.91	162	Ton	345.00	55,900
	1975	51	2.00	102	Ton	370.00	37,700
Barley - Registered or Certified	1976	129	1.60	206	Ton	108.00	22,200
	1975	250	2.30	580	Ton	120.00	69,600
Wheat - Registered or Certified	1976	354	1.26	446	Ton	115.00	51,300
	1975	590	2.50	1,480	Ton	154.00	228,000
Misc. Vegetables for Seed	1976	210	X	X	X	X	122,000
	1975	218	X	X	X	X	126,000
Total	1976						251,000
	1975						461,000

1975-76 VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Asparagus	1976	156	3.20	499	Ton	708.00	353,000
	1975	282	4.14	1,170	Ton	582.00	681,000
Beans - Green							
Fresh Market	1976	22	2.25	50	Ton	405.00	20,250
	1975	50	3.00	150	Ton	320.00	48,000
Processed	1976	3,000	3.00	9,000	Ton	155.00	1,395.000
	1975	2,280	3.00	6,840	Ton	170.00	1,163.000
Corn - Sweet	1976	92	4.00	368	Ton	160.00	58,900
	1975	114	4.17	480	Ton	145.00	70,000
Cucumbers - Fresh	1976	281	5.20	1,461	Ton	206.50	302,000
	1975	91	5.05	460	Ton	286.00	132,000
Processed	1976	Added to Miscellaneous					X
	1975	90	15.00	1,350	Ton	110.00	149,000
Melons-Miscellaneous Varieties	1976	660	7.50	4,950	Ton	111.00	549,000
	1975	600	7.50	4,500	Ton	86.50	380,000
Watermelons	1976	50	8.00	400	Ton	75.00	30,000
	1975	208	8.00	1,660	Ton	50.00	83,000
Onions	1976	Added to Miscellaneous					X
	1975	121	17.00	2,060	Ton	50.00	103,000
Peppers - Bell							
Fresh	1976	103	6.84	705	Ton	359.00	253,000
	1975	20	6.75	135	Ton	317.00	42,800
Processed	1976	15	6.00	90	Ton	120.00	10,800
	1975	X	X	X	X	X	X
Chili - Fresh	1976	149	9.75	1,453	Ton	224.50	326,000
	1975	233	12.50	2,912	Ton	140.00	408,000
Processed	1976	74	1.8	133	Ton	296.00	39,300
	1975	X	X	X	X	X	X
Pimento	1976	100	8	800	Ton	170.00	136,000
	1975	310	11.75	3,640	Ton	170.00	619,000
Potatoes - Market	1976	223	15.00	3,345	Ton	63.00	211,000
	1975	282	15.00	4,230	Ton	120.00	508,000
Squash	1976	190	7.12	1,353	Ton	330.50	447,000
	1975	168	7.49	1,258	Ton	355.00	447,000

1975-76 VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Tomatoes	1976	1,473	11.32	16,674	Ton	361.75	6,032,000
	1975	1,190	16.99	20,200	Ton	509.00	10,292,000
Miscellaneous Vegetables	1976	1,796	X	X	X	X	2,473,000
	1975	1,147	X	X	X	X	1,741,000
Total	1976						12,636,000
	1975						16,876,000

1975-76 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Almonds - Meats	1976	4,456	.62	2,763	Ton	1,300.00	3,592,000
	1975	4,286	.325	1,390	Ton	1,280.00	1,779,000
Almonds - Hulls	1976	X	X	8,333	Ton	57.00	475,000
	1975	X	X	3,090	Ton	55.00	170,000
Apples - Fresh	1976	166	10.78	1,179	Ton	245.00	289,000
	1975	137	12.37	1,695	Ton	266.00	451,000
Processed	1976	X	X	610	Ton	55.00	33,550
	1975	X	X	630	Ton	65.00	40,950
Apricots	1976	205	4.55	933	Ton	675.00	630,000
	1975	194	5.00	970	Ton	542.00	526,000
Avocados	1976	373	2.2	821	Ton	560.00	460,000
	1975	338	.75	254	Ton	1,219.00	310,000
Cherries	1976	37	1.00	37	Ton	500.00	18,500
	1975	35	.12	4	Ton	520.00	2,080
Figs	1976	66	4.38	289	Ton	776.00	224,000
	1975	70	5.58	390	Ton	794.00	310,000
Grapes - Table	1976	24,946	4.69	X	X	X	119,588,000
	1976	25,339	5.55	X	X	X	101,371,000
Emperor	1976	15,946	3.97	63,306	Ton	458.00	28,994,000
	1975	15,649	5.08	79,500	Ton	426.00	33,867,000
Almeria	1976	688	4.79	3,296	Ton	537.00	1,770,000
	1975	650	6.33	4,110	Ton	500.00	2,055,000
Ribier	1976	3,829	4.46	17,077	Ton	557.00	9,512,000
	1975	3,828	4.82	18,450	Ton	422.00	7,786,000
Calmeria	1976	2,384	5.65	13,470	Ton	596.00	8,028,000
	1975	X	X	X	X	X	X
White Malaga	1976	417	13.00	5,421	Ton	87.00	472,000
	1975	391	6.90	2,700	Ton	391.00	1,056,000
Red Malaga	1976	INCLUDED IN WINE GRAPES					X
	1976	492	4.37	2,150	Ton	394.00	847,000
Muscats	1976	ADDED TO MISCELLANEOUS					X
	1975	207	10.50	2,170	Ton	210.00	456,000
Cardinal	1976	416	5.57	2,317	Ton	523.00	1,212,000
	1975	396	5.33	2,110	Ton	403.00	850,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Italia	1976	664	4.81	3,194	Ton	511.00	1,632,000
	1975	657	5.95	3,910	Ton	416.00	1,627,000
Grapes Table Cont. Miscellaneous	1976	3,960	5.13	20,315	Ton	668.00	13,570,000
	1975	3,276	5.95	19,500	Ton	456.00	8,892,000
Thompson - Fresh	1976	15,729	5.91	92,958	Ton	602.00	55,961,000
	1975	17,100	5.89	101,000	Ton	435.00	43,935,000
Canning	1976	X	X	20,000	Ton	135.00	2,700,000
	1975	X	X	16,300	Ton	120.00	1,956,000
Grapes - Raisin A/	1976	32,139	X	9,600	Ton	1,050.00	10,080,000
	1975	33,033	X	18,420	Ton	647.00	11,918,000
Grapes - Wine	1976	17,075	X	120,720	Ton	85.54	10,326,000
	1975	15,673	X	176,000	Ton	86.19	15,169,000
Grapefruit - Fresh	1976	138	1.40	193	Ton	181.00	34,900
	1975	130	12.00	1,560	Ton	167.00	261,000
Lemons - Fresh A/	1976	3,788	4.01	7,620	Ton	105.26	802,000
	1975	3,456	13.00	15,730	Ton	258.00	4,058,000
Processed	1976	X	X	7,570	Ton	16.00	121,000
	1975	X	X	29,200	Ton	50.00	1,460,000
Nectarines - Fresh	1976	4,647	9.56	44,425	Ton	411.00	18,259,000
	1975	4,130	7.29	30,110	Ton	490.00	14,754,000
Olives - Canned	1976	13,570	2.92	39,625	Ton	302.00	11,967,000
	1975	12,667	2.85	36,100	Ton	425.00	15,343,000
Oil	1976	X	X	3,000	Ton	120.00	360,000
	1975	X	X	2,250	Ton	140.00	315,000
Oranges - Navel	1976	58,407	6.98	290,516	Ton	188.25	54,690,000
	1975	57,177	9.58	382,000	Ton	192.63	73,585,000
Processed	1976	X	X	117,000	Ton	17.17	2,009,000
	1975	X	X	166,000	Ton	15.00	2,490,000
Valencia	1976	24,183	9.08	117,050	Ton	181.86	21,287,000
	1975	24,360	9.65	131,000	Ton	186.84	24,476,000
Processed	1976	X	X	102,000	Ton	35.22	3,592,000
	1975	X	X	104,000	Ton	40.00	4.160,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE 1975-76

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Peaches - Cling Processed	1976	1,783	9.00	16,047	Ton	105.00	1,685,000
	1975	1,803	10.21	18,400	Ton	128.50	2,364,000
Freestone sh	1976	2,679	13.16	35,256	Ton	360.00	12,692,000
	1975	2,146	12.47	26,760	Ton	488.00	13,059,000
Pears & Apple Pears	1976	176	4.22	743	Ton	507.00	377,000
	1975	115	1.43	160	Ton	489.00	78,200
Plums - Fresh	1976	9,893	6.31	62,425	Ton	545.00	34,022,000
	1975	9,345	10.22	95,500	Ton	469.00	44,790,000
Processed	1976	X	X	302	Ton	6.00	1,810
	1975	X	X	388	Ton	9.50	3,690
Persimmons	1976	254	4.57	1,161	Ton	513.00	596,000
	1975	237	2.78	660	Ton	516.00	341,000
Pomegranates	1976	1,090	3.68	4,011	Ton	318.00	1,275,000
	1975	1,012	4.90	4,960	Ton	298.00	1,478,000
Prunes - Processed (Dry Wt.)	1976	4,072	2.85	11,605	Ton	445.00	5,164,000
	1975	3,881	1.55	6,020	Ton	405.00	2,438,000
Pistachio Nuts (Dry Wt.)	1976	240	15.00	360,000	Lbs.	1.05	378,000
	1975	163	2,543.00	415,000	Lbs.	.97	403,000
Quince	1976	65	8.34	542,000	Ton	351.00	190,000
	1975	62	6.51	400,000	Ton	404.00	162,000
Tangelos	1976	856	6.00	5,136	Ton	320.00	1,644,000
	1975	X	X	X	X	X	X
Tangerines	1976	821	6.88	5,648	Ton	290.00	1,638,000
	1975	1,721	6.09	10,[illegible]	Ton	240.00	2,515,000
Walnuts	1976	23,873	.97	23,200	Ton	575.00	13,340,000
	1975	21,115	1.26	26,540	Ton	474.00	12,580,000
Miscellaneous - Bushberries and Strawberries	1976	81	2.37	192	Ton	542.00	104,000
	1975	44	2.59	114	Ton	549.00	62,600
Total	1976						336,208,000
	1975						355,180,000

A/ Estimated

1975-76 NURSERY PRODUCTS: SALES AND VALUE

Item	Year	Quantity Sold	Unit	Per Unit	Total
Citrus and Subtropical Fruit trees	1976	54,000	Each	3.95	213,000
	1975	45,000	Each	4.37	197,000
Citrus Buds	1976	81,000	Each	.10	8,100
	1975	29,500	Each	.07	2,070
Citrus Seedlings	1976	X	X	X	X
	1975	26,000	Each	.12	3,120
Deciduous Fruit and Nut Trees	1976	995,000	Each	2.10	2,090,000
	1975	1,061,000	Each	1.59	1,687,000
Grape Vines	1976	2,569,000	M	185.00	475,000
	1975	2,509,000	M	257.00	645,000
Ornamentals & Cut Flowers	1976	X	X	X	1,617,000
	1975	X	X	X	1,612,000
Vegetable and Flower Plants in Flats	1976	72,300	Flats	3.89	281,000
	1975	28,000	Flats	1.23	34,400
Total	1976				4,684,000
	1975				4,181,000

1975-76 LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle & Calves	1976	253,000	X	Head	167.000	42,251,000
	1975	245,000	X	Head	155.000	37,975,000
Lambs	1976	575	46,000	Lb.	.475	21,800
	1975	500	40,000	Lb	.429	17,200
Sheep	1976	1,150	126,500	Lb.	.126	15,900
	1975	1,000	110,000	Lb	.108	11,900
Hogs & Pigs	1976	28,200	X	Head	90.59	2,555,000
	1975	34,260	X	Head	92.76	3,178,000
Broilers & Fryers	1976	4,696,000	19,070,600	Lb.	.28	5,340,000
	1975	4,001,000	16,004,000	Lb.	.260	4,161,000
Other Chickens	1976	71,511	286,000	Lb.	.08	23,000
	1975	104,000	390,000	Lb.	.064	25,000
Pullets	1976	479,000	X	Each	2.25	1,078,000
	1975	415,000	X	Each	2.31	959,000
Turkeys	1976	482,800	10,494,000	Lb.	.314	3,298,000
	1975	556,000	12,543,000	Lb.	.318	3,989,000
Catfish	1976	X	94,000	Lb.	1.00	94,000
	1975	X	X	X	X	X
Miscellaneous Chicks-Poults Rabbits-Squabs Geese-Pigeons	1976	X	X	X	X	1,382,000
	1975	X	X	X	X	1,418,000
Total	1976					56,059,000
	1975					51,734,000

1975-76 LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Milk - Market	1976	13,260,000	Cwt.	8.95	118,677,000
	1975	11,888,000	Cwt.	8.61	102,356,000
Manufacturing	1976	221,000	Cwt.	8.29	1,832,000
	1975	181,000	Cwt.	7.14	1,292,000
Wool	1976	3,356	Lb.	.51	1,711
	1975	7,500	Lb.	.31	2,330
Eggs-Chicken-Market	1976	2,318,000	Doz.	.514	1,192,000
	1975	2,432,000	Doz.	.531	1,291,000
Turkey - Hatching	1976	6,400,000	Each	.393	2,517,000
	1975	6,298,000	Each	.392	2,469,000
Total	1976				124,220,000
	1975				107,410,000

1975-76 APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Honey - Orange	1976	1,120,000	Lb.	.41	459,000
	1975	1,200,000	Lb.	.42	504,000
Other	1976	700,000	Lb.	.41	287,000
	1975	1,000,000	Lb.	.40	400,000
Beeswax	1976	35,000	Lb.	1.25	43,750
	1975	40,000	Lb.	1.20	48,000
Pollination A/	1976	35,000	Colony	10.00	350,000
	1975	40,000	Colony	9.00	360,000
Total	1976				1,140,000
	1975				1,312,000

A/ From Bee Colonies registered in Tulare County

		TOTAL OF MAJOR CROPS	CROP TOTALS
FIELD CROPS			191,740,000
	Cotton	96,384,000	
	Cotton Seed	12,305,000	
	Alfalfa	41,013,000	
SEED CROPS			251,000
VEGETABLE CROPS			12,636,000
FRUIT AND NUT CROPS			336,208,000
	Grapes	139,994,000	
	Olives	12,327,000	
	Oranges		
	Navel	56,699,000	
	Valencia	24,879,000	
	Peaches		
	Cling	1,685,000	
	Freestone	12,692,000	
	Plums	34,022,000	
	Walnuts	13,340,000	
NURSERY PRODUCTS			4,684,000
LIVESTOCK & POULTRY			56,059,000
	Livestock	44,843,000	
	Poultry	11,121,000	
LIVESTOCK & POULTRY PRODUCTS			124,220,000
	Milk	120,509,000	
	Eggs	3,709,000	
APIARY PRODUCTS			1,140,000
		GRAND TOTAL	726,938,000

COMPARISON OF AGRICULTURAL INCOME

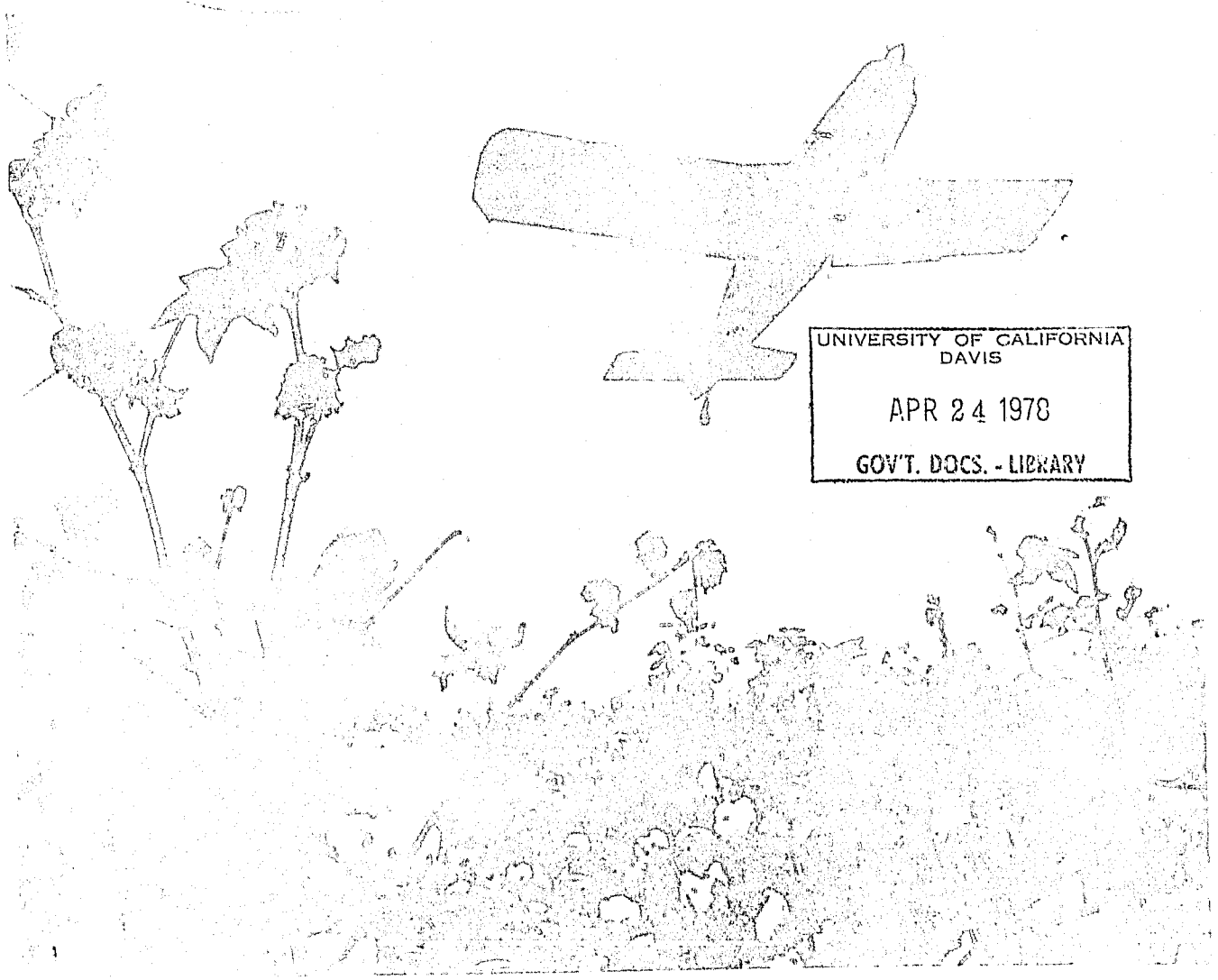
1975 - 1976

1956	263,403,142
1957	284,308,391
1958	328,584,889
1959	341,645,299
1960	334,012,325
1961	322,770,545
1962	329,094,057
1963	325,848,300
1964	357,335,000
1965	324,221,000
1966	373,408,000
1967	364,729,000
1968	376,443,000
1969	378,849,000
1970	408,039,000
1971	402,550,000
1972	463,191,000
1973	580,729,000
1974	682,454,000
1975	714,740,000
1976	726,938,000

1977

Tulare County Agricultural Commissioner

CROP REPORT 1977



AGRICULTURAL COMMISSIONER

TULARE COUNTY

Clyde R. Churchill

Phone (209) 733-6391

Agricultural Bldg.
County Civic Center

Main & Woodland Dr.
Visalia, Calif. 93277

1977

RICHARD E ROMINGER, DIRECTOR
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE HONORABLE BOARD OF SUPERVISORS OF THE
COUNTY OF TULARE

Gentlemen:

In accordance with the provisions of Section 2279 of the California Agricultural Code, I am pleased to submit the Annual Agricultural Crop Report of the acreage, production and valuation of the agricultural crops and products produced in Tulare County during the calendar year 1977.

Again, this year, it must be emphasized that these figures are gross returns to the producer and does not indicate actual net or profit. The farmer continually finds himself in a price squeeze. Between the consumers demand for quality products and the inflationary spiral of producing, harvesting, and shipping his product to market, the net profit to the grower is considerably reduced.

This report is the result of information gathered from many sources. I wish to express my appreciation to all those agencies, both private and governmental, who assisted in compiling this report. I would also like to thank all the members of my staff, without whose input, the publication of this report would be impossible.

Respectfully submitted,

Clyde R Churchill

CLYDE R. CHURCHILL
Agricultural Commissioner

ANNUAL CROP REPORT

1977

TULARE COUNTY BOARD OF SUPERVISORS

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ROBERT E. HARRELL

FRED BATKINS

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Clyde R. Churchill

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Jimmy R. Campbell
David Gould
Albert Grimsley
Kenneth Hodson
C. Rocky Loop
Roy Miyake
Eugene Russell
Erwin Schultz
Eugene Watkins

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Chris Francone
Bert Gayden
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Wesley Imoto
Aubrey Maze
Larry McIntire
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COTTON, KING OF FIBERS

The origin of cotton has been lost in the darkness of unrecorded time, but, there is evidence that man's use of this natural fiber was developed at least five thousand years ago.

Bits of cotton fabric and string dating from 3,000 B.C. have been found in Pakistan and the tombs of the acient pharaohs of Egypt.

Cotton also has been found in the ruins and burial grounds of Pre-Inca Peru and in the ancient city of Dacca, India. Some of the finest and lightest cotton yarns ever produced were used for making fabrics at this time in history.

When Columbus discovered the Americas, he found the natives had skeins of cotton yarns for barter. Although there have been marvelous improvements made by cotton seed breeders, the plants used today remain basically the same as they were in ancient times.

Cotton is actually the name applied to the elongated epidermal, or outer sheath of the seed coat of certain species of the plant genus Gossypuim.

It is native to most of the world's warmer temperate zones and several species are known to exist. However, only a few species have proven to be of broad economic significance:

One of the tetraploid species of cotton (G. hirsutum) probably had its origin in Mexico and Central America. The cultivated varieties of American upland cotton arose from this original parental stock and now comprise about seven-eighths of the cotton produced in the world.

Three other species, one known as Egyptian type cotton and two Asiatic strains account for the other one-eighth of the world's production.

Cotton probably has been grown for economic purposes, the longest time in India, and has been the foundation of the Egyptian economy for several centuries.

Mechanical spinning and weaving developed in England around 1750 to 1790. Then Eli Whitney developed the cotton gin in the United States in 1793 and this machine quickly advanced the American industry by reducing the labor required to separate the seed from the lint.

Production was only six thousand bales in the United States the year before the cotton gin was invented. Acreage and production steadily increased through the years and by 1930 the United States produced about 60% of the worlds commercial cotton crop.

Cotton culture came into the San Joaquin Valley about 1862. A few families had migrated to an area known as Kern Island which was then part of Tulare County. In 1862 one of these pioneers, Harry S. Skiles planted and harvested the first cotton raised in the valley.

However, Solomon and Philo Jewett are credited with the first commercial plantings in the Kern Island area in 1865. The yield proved to be good and the Jewetts were so impressed that they built a commercial gin on their property.

The nearest gin at that time was located in Oakland, California and while cotton could be transported there, the high freight rates made the cloth prohibitive in price.

In spite of the good crop yields, and favorable outlook for future production, cotton culture did not expand to any degree in the valley for several years, mainly due to a sudden drop in cotton price from one dollar a pound to twenty five cents, as the civil war came to an end.

Through the late 1860's and early 1870's, a few attempts to grow cotton commercially in Tulare County were made, but, production and labor costs, along with low prices proved to be prohibitive in making this profitable venture.

In 1873 Spear Jackson, Joseph Spear, and Dr. Dennis Ray planted forty acres of cotton near Cutler Park a few miles north and east of the City of Visalia. The crop was under the supervision of a southern planter and the yield of cotton was excellent, both in quality and texture. The venture was not a profitable one however, the question arose as to its disposal, there being no gins in the county. The promoters did, however, have the satisfaction of knowing they demonstrated the fact that the soil and climate of Tulare County was well adapted to the growth of cotton of superior fiber and abundant yield.

Not until 1928 was another attempt made to grow cotton commercially. In this year, considerable planting was done and prices were very satisfactory. The next season saw an increased planting, but again another slump in prices caused some cotton to be left unpicked in the field, and no more commercial planting was undertaken until the early 1920's.

The acreage planted by 1925 in Tulare County has risen to 17,000 acres and with a increasing knowledge of cotton culture methods the industry recorded fairly steady growth for the next several years.

When the advent of World War II, cotton prices were such and commercial gins were available so that by 1942, 87,426 acres were planted in the county, yielding 90,000 bales and returning $8,523,000 to growers of the area.

In 1952 a record 271,000 acres of cotton was planted in Tulare County through the late 1950's and the 1960's cotton was the unchallenged king, contributing several millions of dollars each year to the economy.

Cotton acreage has remained fairly constrnt, at about 150,000 acres per season for the past 15 years and then in 1977 we find a large increase in acres has again been recorded.

Since cotton can be grown with less moisture than many other crops, drought conditions in 1976 and 1977 have had a major impact on this increase in acreage.

The 1977 Tulare County crop report shows some 209,830 acres of cotton planted, yielding 408,290 bales of lint, 167,000 tons of cotton seed and returning $119,698.00 to growers of the area.

Increased costs for labor, water, taxes, pest control and general cultural practices, along with fluctuating prices, leave very little margin of profit to the grower.

However, the cotton industry has managed to survive adversity in the past and it is reasonable to assume that cotton will continue to reign as the King of natural fibers for many years to come.

Acknowledgements:

After a hundred years, The Year Book of Agriculture, 1962.
Los Tulares, Tulare County Historical Society, December 1966.
Land of the Tules, Annie R. Mitchell

Story prepared by:
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TULARE COUNTY AGRICULTURAL ACREAGE STATISTICS

ORCHARD	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
CITRUS			
Grapefruit	168	129	297
Lemons	3,868	1,397	5,265
Limes	12	2	14
Navels	57,963	1,521	59,484
Valencias	23,624	73	23,697
Tangerines	1,645	61	1,706
TOTAL	87,280	3,183	90,463
DECIDUOUS AND GRAPES			
Almonds	4,733	3,523	8,256
Apples	134	17	151
Apricots	151	10	161
Avocados	488	919	1,407
Cherries	37	2	39
Figs	62	0	62
Grapes			
Table	24,704	497	25,201
Raisin	32,550	509	33,059
Wine	16,218	158	16,376
Nectarines	4,443	2,501	6,944
Olives	14,115	881	14,996
Peaches			
Cling	1,578	188	1,766
Freestone	2,397	1,147	3,544
Pears & Apple Pears	193	66	259
Pecans	25	138	163
Plums	10,203	2,244	12,447
Prunes	4,403	263	4,666
Persimmons	236	40	276
Pistachio Nuts	225	710	935
Pomegranates	1,146	354	1,500
Quince	65	10	75
Walnuts	23,169	5,705	28,874
TOTAL	141,275	19,882	161,157
Total Grapes	73,472	1,164	74,636
Total Orchard Crops	155,083	21,901	176,984
TOTAL	228,555	23,065	251,620

Above acreage computed through December, 1977

1976-77 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Production Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Barley	1977	24,000	2.1	50,400	Ton	90.40	4,556,000
	1976	47,000	1.95	91,650	Ton	103.50	9,486,000
Beans - Dry	1977	6,000	1.25	7,500	Ton	420.00	3,150,000
	1976	6,500	.85	5,525	Ton	340.00	1,879,000
Corn - Field	1977	3,272	3.75	12,270	Ton	84.00	1,031,000
	1976	15,000	3.19	47,850	Ton	105.00	5,024,000
Cotton - Lint A/	1977	209,830	934.00	408,290	Bale	54.60	107,006,000
	1976	143,000	944.00	281,000	Bale	71.40	96,384,000
Cotton - Seed	1977	X	X	167,000	Ton	76.00	12,692,000
	1976	X	X	115,000	Ton	107.00	12,305,000
Hay - Alfalfa	1977	52,000	6.25	325,000	Ton	63.50	20,638,000
	1976	84,000	7.00	588,000	Ton	69.75	41,013,000
Grain	1977	2,421	2.30	5,568	Ton	57.50	320,000
	1976	3,750	2.00	7,500	Ton	63.00	473,000
Oats	1977	250	.25	63	Ton	80.00	5,000
	1976	1,360	.85	1,156	Ton	118.00	136,000
Pasture & Range Irrigated	1977	11,000	X	X	Acre	80.00	880,000
	1976	12,000	X	X	Acre	75.00	900,000
Native	1977	900,000	X	X	Acre	7.00	6,300,000
	1976	900,000	X	X	Acre	7.00	6,300,000
Other	1977	2,080	X	X	Acre	10.00	20,800
	1976	3,680	X	X	Acre	10.00	36,800
Rice	1977	189	2.84	537	Ton	187.00	100,000
	1976	1,354	2.61	3,534	Ton	138.00	488,000
Safflower	1977	272	.92	250	Ton	280.00	70,000
	1976	X	X	X	Ton	X	X
Seed Screenings	1977	X	X	300	Ton	72.50	21,800
	1976	X	X	400	Ton	64.00	25,600
Silage	1977	44,000	13.36	587,840	Ton	10.00	5,878,000
	1976	51,540	15.87	817,940	Ton	11.46	9,374,000
Sorghum Grain	1977	4,100	2.00	8,200	Ton	80.00	656,000
	1976	29,100	2.25	65,475	Ton	87.00	5,696,000

1976-77 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Straw	1977	X	X	2,664	Ton	20.00	53,000
	1976	X	X	7,500	Ton	20.75	156,000
Sugar Beets	1977	4,421	23.63	104,468	Ton	20.79	2,172,000
	1976	6,091	32.94	200,638	Ton	19.84	3,981,000
Wheat	1977	20,400	1.21	24,684	Ton	77.70	1,918,000
	1976	66,000	1.99	131,340	Ton	110.19	14,472,000
Total	1977	1,284,235					167,468,000
	1976	1,370,375					*208,129,000

* Revised

A/ Cotton-Lint Yield in pounds, Production 480 lbs. gross weight bales, Lint price on hundredweight basis.

SEED CROPS: ACREAGE, PRODUCTION AND VALUE 1976-77

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Beans - Blackeye #5 Registered or Certified	1977	346	.86	298	Ton	550.00	164,000
	1976	178	.91	162	Ton	345.00	55,900
Barley - Registered or Certified	1977	83	2.83	235	Ton	95.00	22,300
	1976	129	1.60	206	Ton	108.00	22,200
Wheat - Registered or Certified	1977	264	2.38	628	Ton	82.00	51,500
	1976	354	1.26	446	Ton	115.00	51,300
Misc. Vegetables for Seed	1977	410	X	X	X	X	212,000
	1976	210	X	X	X	X	122,000
Total	1977	1,103					450,000
	1976	871					251,000

1976-77 VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Production Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Asparagus	1977	67	3.61	242	Ton	691.00	167,000
	1976	156	3.20	499	Ton	708.00	353,000
Beans - Green Fresh Market	1977	18	2.20	40	Ton	435.00	17,400
	1976	22	2.25	50	Ton	405.00	20,250
Processed	1977	1,650	2.69	4,438	Ton	164.00	728,000
	1976	3,000	3.00	9,000	Ton	155.00	1,395,000
Corn - Sweet	1977	93	3.85	358	Ton	160.00	57,300
	1976	92	4.00	368	Ton	160.00	58,900
Cucumbers - Fresh	1977	292	5.80	1,694	Ton	244.00	413,000
	1976	281	5.20	1,461	Ton	206.50	302,000
Melons - Misc. Varieties	1977	730	6.75	4,928	Ton	114.00	562,000
	1976	660	7.50	4,950	Ton	111.00	549,000
Watermelons	1977	222	7.00	1,554	Ton	65.00	101,000
	1976	50	8.00	400	Ton	75.00	30,000
Peppers - Bell Fresh	1977	111	5.84	648	Ton	306.00	198,000
	1976	103	6.84	705	Ton	359.00	253,000
Processed	1977	16	5.20	83	Ton	118.00	9,800
	1976	15	6.00	90	Ton	120.00	10,800
Chili - Fresh	1977	254	11.39	2,893	Ton	147.71	427,000
	1976	149	9.75	1,453	Ton	224.50	326,000
Processed	1977	X	X	X	X	X	X
	1976	74	1.80	133	Ton	296.00	39,300
Pimento	1977	75	12.00	900	Ton	140.00	126,000
	1976	100	8.00	800	Ton	170.00	136,000
Potatoes - Market	1977	X	X	X	X	X	X
	1976	223	15.00	3,345	Ton	63.00	211,000
Squash	1977	166	5.06	840	Ton	295.00	248,000
	1976	190	7.12	1,353	Ton	330.50	447,000
Tomatoes - Fresh	1977	1,245	16.20	20,169	Ton	566.25	11,421,000
	1976	1,473	11.32	16,674	Ton	361.75	6,032,000
Processed	1977	1,330	24.2	32,186	Ton	55.00	1,770,000
	1976	INCLUDED IN MISCELLANEOUS					

1976-77 VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Miscellaneous Vegetables	1977	2,426	X	X	X	X	3,247,000
	1976	1,796	X	X	X	X	2,473,000
Total	1977	8,695					19,493,000
	1976	8,384					12,636,000

1976-77 FRUIT AND NUTS CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Almonds - Meats	1977	4,741	.63	2,987	Ton	1,500.00	4,481,000
	1976	4,456	.62	2,763	Ton	1,300.00	3,592,000
Almonds - Hulls	1977	X	X	7,822	Ton	31.00	242,000
	1976	X	X	8,333	Ton	57.00	475,000
Apple - Fresh	1977	141	11.43	644	Ton	380.00	245,000
	1976	166	10.78	1,179	Ton	245.00	289,000
Processed	1977	X	X	967	Ton	109.00	105,000
	1976	X	X	610	Ton	55.00	33,550
Apricots	1977	188	6.42	1,207	Ton	625.00	754,000
	1976	205	4.55	933	Ton	675.00	630,000
Avocados	1977	488	3.75	1,830	Ton	708.00	1,296,000
	1976	373	2.20	821	Ton	560.00	460,000
Cherries	1977	37	1.00	37	Ton	535.00	19,800
	1976	37	1.00	37	Ton	500.00	18,500
Figs	1977	66	3.43	226	Ton	880.00	199,000
	1976	66	4.38	289	Ton	776.00	224,000
Grapes Total	1977	74,446	X	X	X	X	157,792,000
	1976	74,160	X	X	X	X	*144,257,000
Table Varieties	1977	25,486	5.37	136,860	Ton	511.74	70,037,000
	1976	24,946	5.15	128,472	Ton	507.43	65,190,000
Thompson Fresh	1977	15,402	5.43	83,633	Ton	600.00	50,180,000
	1976	15,729	5.91	92,958	Ton	602.00	55,961,000
Canning	1977	X	X	15,730	Ton	160.00	2,517,000
	1976	X	X	20,000	Ton	135.00	2,700,000
Raisin Varieties	1977	32,590	X	19,200	Ton	827.00	15,878,000
	1976	32,139	X	9,600	Ton	1,050.00	10,080,000
Wine Varieties	1977	16,370	X	161,735	Ton	118.59	19,180,000
	1976	17,075	X	120,720	Ton	85.54	10,326,000
Grapefruit - Fresh	1977	168	9.73	1,635	Ton	169.26	277,000
	1976	138	1.40	193	Ton	181.00	34,900

* Revised

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Lemons - Fresh	1977	3,894	4.84	10,926	Ton	75.26	822,000
	1976	3,788	4.01	7,620	Ton	105.26	802,000
Processed	1977	X	X	7,921	Ton	19.00	150,000
	1976	X	X	7,570	Ton	16.00	121,000
Nectarines - Fresh	1977	4,820	8.79	42,368	Ton	356.00	15,083,000
	1976	4,647	9.56	44,425	Ton	411.00	18,259,000
Olives - Canned	1977	14,326	.67	9,598	Ton	418.00	4,012,000
	1976	13,570	2.92	39,625	Ton	302.00	11,967,000
Oil	1977	X	X	150	Ton	122.00	18,300
	1976	X	X	3,000	Ton	120.00	360,000
Oranges - Navel	1977	58,736	5.75	245,032	Ton	204.25	50,048,000
	1976	58,407	6.98	290,516	Ton	188.25	54,690,000
Processed	1977	X	X	92,478	Ton	24.55	2,270,000
	1976	X	X	117,000	Ton	17.17	2,009,000
Valencia	1977	23,895	6.06	98,566	Ton	211.72	20,868,000
	1976	24,183	9.08	117,050	Ton	181.86	21,287,000
Processed	1977	X	X	46,107	Ton	50.20	2,315,000
	1976	X	X	102,000	Ton	35.22	3,592,000
Peaches - Cling Processed	1977	1,788	8.50	15,198	Ton	115.00	1,748,000
	1976	1,783	9.00	16,047	Ton	105.00	1,685,000
Freestone - Fresh	1977	2,535	9.83	24,919	Ton	431.00	10,740,000
	1976	2,679	13.16	35,256	Ton	360.00	12,692,000
Pears & Apple Pears	1977	202	4.50	909	Ton	561.00	510,000
	1976	176	4.22	743	Ton	507.00	377,000
Plums - Fresh	1977	10,871	6.97	75,771	Ton	405.00	30,687,000
	1976	9,893	6.31	62,425	Ton	545.00	34,022,000
Processed	1977	X	X	X	X	X	X
	1976	X	X	302	Ton	6.00	1,810
Persimmons	1977	236	8.13	1,919	Ton	352.00	675,000
	1976	254	4.57	1,161	Ton	513.00	596,000
Pomegranates	1977	1,153	4.01	4,624	Ton	397.00	1,836,000
	1976	1,090	3.68	4,011	Ton	318.00	1,275,000
Prunes - Processed (Dry Wt.)	1977	4,493	2.45	11,008	Ton	430.00	4,733,000
	1976	4,072	2.85	11,605	Ton	445.00	5,164,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE 1976-77

Crop	Year	Harvested Acreage	Per Acre	Production Total	Production Unit	Value Per Unit	Value Total
Pistachio Nuts (Dry Wt.)	1977	235	1,288.00	303,000	Lbs.	1.05	318,000
	1976	240	1,500.00	360,000	Lbs.	1.05	378,000
Quince	1977	65	8.78	571	Ton	250.00	143,000
	1976	65	8.34	542	Ton	351.00	190,000
Tangelos	1977	COMBINED WITH TANGERINES TOTAL					
	1976	856	6.00	5,136	Ton	320.00	1,644,000
Tangerines	1977	1,662	7.00	11,634	Ton	380.00	4,421,000
	1976	821	6.88	5,648	Ton	290.00	1,638,000
Walnuts	1977	24,377	1.27	30,959	Ton	686.00	21,238,000
	1976	23,873	.97	23,200	Ton	575.00	13,340,000
Misc. - Bushberries Strawberries	1977	73	3.29	240	Ton	1,032.00	248,000
	1976	81	2.37	192	Ton	542.00	104,000
Total	1977	233,636					338,294,000
	1976	230,079					336,208,000

1976-77 NURSERY PRODUCTS: SALES AND VALUE

Item	Year	Quantity Sold	Unit	Per Unit	Total
Citrus and Subtropical Fruit trees	1977	52,000	Each	3.70	192,000
	1976	54,000	Each	3.95	213,000
Citrus Buds	1977	5,000	Each	.10	500
	1976	81,000	Each	.10	8,100
Deciduous Fruit and Nut trees	1977	726,000	Each	2.68	1,948,000
	1976	995,000	Each	2.10	2,090,000
Grape & Berry Vines	1977	3,161,000	M	231.00	730,000
	1976	2,569,000	M	185.00	475,000
Ornamental & Cut Flowers	1977	X	X	X	1,487,000
	1976	X	X	X	1,617,000
Vegetable and Flower Plants in Flats	1977	64,500	Flats	3.60	232,000
	1976	72,300	Flats	3.89	281,000
Total	1977				4,590,000
	1976				4,684,000

1976-77 LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle & Calves	1977	259,040	X	Head	173.32	44,897,000
	1976	253,000	X	Head	167.00	42,251,000
Lambs	1977	805	64,400	Lb.	.505	32,500
	1976	575	46,000	Lb.	.475	21,800
Sheep	1977	1,610	177,100	Lb.	.109	19,300
	1976	1,150	126,500	Lb.	.126	15,900
Hogs & Pigs	1977	26,300	X	Head	83.95	2,208,000
	1976	28,200	X	Head	90.59	2,555,000
Broilers & Fryers	1977	5,304,000	21,216,000	Lb.	.268	5,686,000
	1976	4,696,000	19,070,000	Lb.	.28	5,340,000
Other Chickens	1977	65,000	260,000	Lb.	.081	21,000
	1976	71,511	286,000	Lb.	.08	23,000
Pullets	1977	673,000	X	Each	2.25	1,514,000
	1976	479,000	X	Each	2.25	1,078,000
Turkeys	1977	1,166,700	22,880,000	Lb.	.323	7,390,000
	1976	482,800	10,494,000	Lb.	.314	3,298,000
Catfish	1977	X	88,500	Lb.	1.00	88,500
	1976	X	94,000	Lb.	1.00	94,000
Miscellaneous						
Chicks - Poults	1977	X	X	X	X	1,424,000
Rabbits - Squabs	1976	X	X	X	X	1,382,000
Geese - Pigeons						
Total	1977					63,280,000
	1976					56,059,000

1976-77 LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Milk - Market	1977	14,062,000	Cwt.	9.544	134,208,000
	1976	13,260,000	Cwt.	8.950	118,677,000
Manufacturing	1977	256,000	Cwt.	8.82	2,258,000
	1976	221,000	Cwt.	8.29	1,832,000
Wool	1977	3,116	Lb.	.72	2,244
	1976	3,356	Lb.	.51	1,711
Eggs-Chicken-Market	1977	2,062,000	Doz.	.494	1,019,000
	1976	2,318,000	Doz.	.514	1,192,000
Turkey Hatching	1977	6,100,000	Each	.389	2,373,000
	1976	6,400,000	Each	.393	2,517,000
Total	1977				139,860,000
	1976				124,220,000

1976-77 APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Honey - Orange	1977	800,000	Lb.	.44	352,000
	1976	1,120,000	Lb.	.41	459,000
Other	1977	800,000	Lb.	.42	336,000
	1976	700,000	Lb.	.41	287,000
Beeswax	1977	30,000	Lb.	1.85	55,500
	1976	35,000	Lb.	1.25	43,750
Pollination A/	1977	32,000	Colony	18.00	576,000
	1976	35,000	Colony	10.00	350,000
Total	1977				1,320,000
	1976				1,140,000

A/ From Bee Colonies registered in Tulare County

SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
FIELD CROPS	1977	1,284,235	167,468,000
	1976	1,370,375	*208,129,000
SEED CROPS	1977	1,103	450,000
	1976	871	251,000
VEGETABLE CROPS	1977	8,695	19,493,000
	1976	8,384	12,636,000
FRUIT AND NUT CROPS	1977	233,636	338,294,000
	1976	230,079	336,208,000
NURSERY PRODUCTS	1977		4,590,000
	1976		4,684,000
LIVESTOCK & POULTRY	1977		63,280,000
	1976		56,059,000
LIVESTOCK & POULTRY PRODUCTS	1977		139,860,000
	1976		124,220,000
APIARY PRODUCTS	1977		1,320,000
	1976		1,140,000
TOTAL	1977	1,527,669	$ 734,755,000
	1976	1,609,709	$*743,327,000

* REVISED

1977 MILLION DOLLAR PRODUCTS

1977 RANKING			1976 RANKING
1.	Grapes	$157,792,000	1
2.	Milk	136,466,000	2
3.	Cotton (Lint & Seed)	119,698,000	3
4.	Oranges, Navels	52,318,000	4
5.	Cattle & Calves	44,897,000	5
6.	Plums	30,687,000	7
7.	Oranges, Valencia	23,183,000	8
8.	Walnuts	21,238,000	11
9.	Alfalfa Hay	20,638,000	6
10.	Nectarines	15,083,000	9
11.	Tomatoes	13,191,000	17
12.	Peaches	10,740,000	12
13.	Turkeys	7,390,000	24
14.	Native Range	6,300,000	16
15.	Silage	5,878,000	15
16.	Broilers & Fryers	5,686,000	19
17.	Prunes	4,733,000	20
18.	Almonds	4,723,000	22
19.	Barley	4,556,000	14
20.	Tangerines	4,421,000	25
21.	Olives	4,030,000	13
22.	Beans - Dry	3,150,000	29
23.	Egg - Turkey Hatching	2,373,000	27
24.	Hogs & Pigs	2,208,000	26
25.	Sugar Beets	2,172,000	23
26.	Nursery - Deciduous Nut & Fruit Trees	1,948,000	28
27.	Wheat	1,918,000	10
28.	Pomegranates	1,836,000	33
29.	Peaches, Cling	1,748,000	30
30.	Pullets	1,514,000	35
31.	Nursery - Ornamental & Cut Flowers	1,487,000	31
32.	Avocados	1,296,000	(less 1 million)
33.	Corn - Field	1,031,000	21
34.	Eggs - Chicken Market	1,019,000	34

TWENTY YEARS COMPARISON OF AGRICULTURAL INCOME

1957-1977

1957	284,308,391
1958	328,584,889
1959	341,645,299
1960	334,012,325
1961	322,770,545
1962	329,094,057
1963	325,848,300
1964	357,335,000
1965	324,221,000
1966	373,408,000
1967	364,729,000
1968	376,443,000
1969	378,849,000
1970	408,039,000
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	734,755,000

* Revised