



**AgEcon** SEARCH  
RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

*The World's Largest Open Access Agricultural & Applied Economics Digital Library*

**This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.**

**Help ensure our sustainability.**

Give to AgEcon Search

AgEcon Search  
<http://ageconsearch.umn.edu>  
[aesearch@umn.edu](mailto:aesearch@umn.edu)

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Tulare County

1978-1981

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics,  
<http://giannini.ucop.edu/> .

The work was completed by the staff of the Giannini Foundation Library, University of California, Berkeley, <http://are.berkeley.edu/library/> . **Please contact the Library to consult the originals.**

Three vertical black bars of equal width and height, positioned side-by-side. They are solid black with a slightly grainy texture.

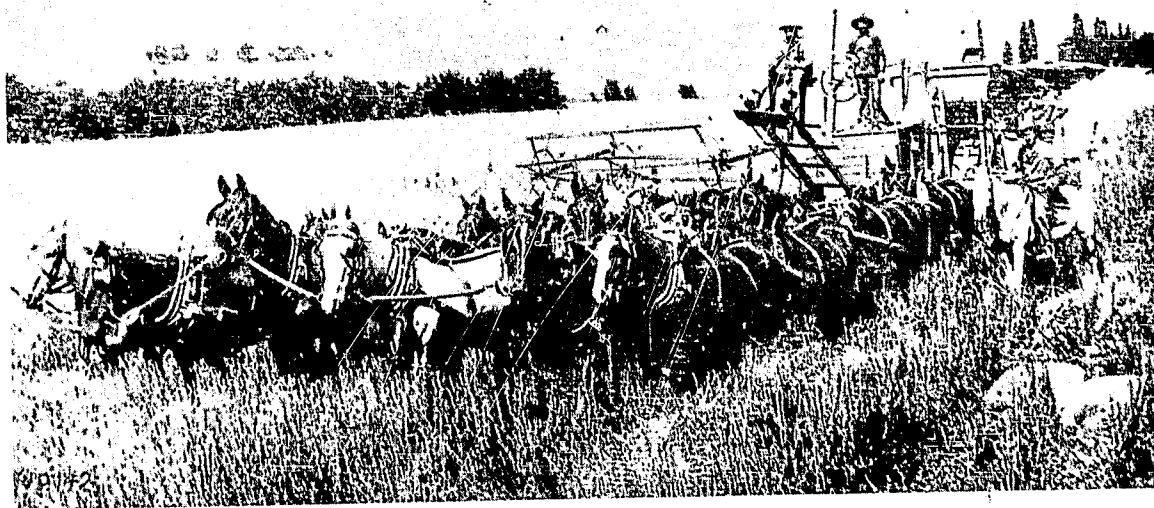
1978

# 1978

## AGRICULTURAL CROP REPORT

### TULARE COUNTY

UNIVERSITY OF CALIFORNIA  
DAVIS  
MAY 9 1979  
GOV'T. DOCS. - LIBRARY



**AGRICULTURAL COMMISSIONER**  
COUNTY CIVIC CENTER  
VISALIA, CALIFORNIA



Agricultural Bldg.  
County Civic Center

# AGRICULTURAL COMMISSIONER

TULARE COUNTY

Clyde R. Churchill

Phone (209) 733-6391



Main & Woodland Dr.  
Visalia, Calif. 93277

1978

RICHARD E. ROMINGER, DIRECTOR  
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE HONORABLE BOARD OF SUPERVISORS  
COUNTY OF TULARE

Clyde R. Gould, Chairman  
Robert E. Harrell  
Donald M. Hillman  
Raymond J. Muller  
LeRoy Swiney

James E. Williams  
County Executive Officer

Gentlemen:

In accordance with the provisions of Section 2779 of the California Agricultural Code, I am pleased to submit the Annual Agricultural Crop Report of the acreage, production and valuation of the agricultural commodities produced in Tulare County during the calendar year 1978.

This report is the result of information gathered from many sources, and as always, it must be emphasized that the figures are gross returns to the producer and do not indicate actual net profit.

Despite widespread delays in planting and damage to crops due to late spring and early fall rain in 1978, the gross returns for agricultural crops produced in Tulare County totaled \$896,436,000 an increase of 14% from the previous year.

I wish to express my sincere appreciation to all the producers, processors and agencies, both private and governmental, who assisted in compiling this report. I would also like to thank all the members of my staff, without whose input, the publication of this report would be impossible.

Respectfully submitted,

*Clyde R. Churchill*

Clyde R. Churchill  
Agricultural Commissioner

AGRICULTURAL COMMISSIONER  
Clyde R. Churchill

ASSISTANT AGRICULTURAL COMMISSIONER  
William R. Clark

DEPUTY AGRICULTURAL COMMISSIONERS  
Roger E. Brown  
Ernest W. Crew  
Bernis E. Naylor

SUPERVISING INSPECTORS  
James B. Gilley  
Roy Miyake  
George Simpson  
C. Lynn Thomas

DISTRICT INSPECTORS  
William Appleby  
Larry Bastian  
Bobby Bonds  
H. Edward Campbell  
Jimmy R. Campbell  
David Gould  
Thomas Griffiths  
Albert Grimsley  
Kenneth Hodson  
Aubrey Maze  
Eugene Russell  
Eugene Watkins  
Thomas Zikratch

AGRICULTURAL INSPECTORS  
John Akana  
William Bragg  
Robert Chilton  
Greg Dunbar  
Chris Francone  
Bert Gayden  
Dennis Haines  
Thomas LaMunyon  
Joe Romani  
Loren Sansom  
John Schultz  
Jack Sisson  
Deogracias Tigulo

CETA INSPECTORS  
Daryl Bruns  
Robert Mann  
Gabriella Nunez  
Michael Spry

OFFICE  
SECRETARY II  
Melissa Kelly  
ACCOUNT CLERK  
Rosemarie Weber  
INTERMEDIATE CLERK TYPIST  
Veronica Hernandez

Retired employees - J. Phil Hemphill, Frank Eatwell and Erwin Schultz

Reported by: Dennis Haines - Agricultural Inspector

Cover photograph through the courtesy of Edward's Studio, Porterville.

## GRAIN, A BASIC FOOD

Cultivation of the cereal grains began so long ago that their earliest history cannot be pinpointed exactly. However, we know they have been man's most important food plant since the dawn of history.

All important civilizations have been founded on the cultivation and use of one or another of the cereal grains.

The early civilizations of Babylonia, Egypt, Greece, and Rome were based on the growing of wheat, barley and the millets. The ancient cultures of India, China, and Japan were based on the rice crop. The Inca, Maya and Aztec civilizations in the new world depended on their crops of corn.

Seventy percent of the harvested acreage of the world, approximately 1.6 billion acres, is used to grow grain.

Grain provides roughly one half the calories consumed by the world's population.

It can be grown in nearly every corner of the world, gives a high yield per acre in comparison with other food crops, and can be stored compactly for long periods of time.

The grains serve as food not only for man, but for animals as well. They are unparalleled in importance as food and feed. Industrial uses of grain such as lubricating oils from corn oil, etc., also imparts great economic value to grain crops.

All the grains we grow in the United States, except corn, were brought here by the early settlers. Corn was grown by the Indians, who taught the pioneers how to cultivate it.

At the time of the first census in 1839, corn production was about 10 million tons. It has always been our leading grain.

Wheat was first grown in the United States in 1602 in Massachusetts on Elizabeth Island.

Rice was successfully planted in this country about 1865 in the Carolinas and remains a staple of the economy of the south.

Grain sorghums are basically a feed grain in the United States, but are important as a food source in Africa and parts of India.

During the Spanish reign in early California, very little grain was grown, only enough for a little flour for domestic use. Cattle were not "finished" as we know them today, because the only market was basically for the tallow and hides, and the native grasses were sufficient for this.

All of this changed very rapidly with the American occupation of California and soon wheat became the principal export.

Tremendous tonnage was grown near the seaports and rivers on which barges could navigate.

When the railroads entered the Sacramento and San Joaquin Valley in the early 1870's, grains became California's major industry.

In Tulare County there were a number of pioneer farmers who planted tremendous acreages of grain and in general were responsible for helping to stabilize the economy of the area.

Warehouses and grain elevators sprang up all along the railroads from Kingsburg on the north to Richgrove on the south within our county.

Some of the more major shipping points at this time in Tulare County history were located at Traver, Taursa, Quail, Earlimart, Alpaugh, Angiola, Lois, Terra Bella, Ducor and Orris just to mention a few.

George Stockton Berry bought 2,000 acres of railroad land in 1875 just east of the present town of Lindsay.

Berry is credited with developing his steam engine into a tractor and mounting a stationary thresher on it. This allowed the growers to do away with their horse and mule drawn combined harvesters. It then became possible for a crew of men to harvest 20 or more acres in a day. Not only did the steam combine harvest the grain, it also threshed it, cleaned it, windrowed the straw and bagged the grain.

Although Tulare County is now one of the most highly diversified farming areas in the world, grains are still an important part of our economy and add some 40 to 50 million dollars a year to our overall total agricultural income.



*It appears certain that grains will continue to be a basic food source in helping to feed the worlds multitudes for hundreds of years to come, just as it has since the dawn of time.*

**ACKNOWLEDGEMENTS:**

*Los Tulare, Tulare County Historical Society, March 1978, Farmers World, Yearbook of Agriculture 1964, Food for us all, Yearbook of Agriculture 1969.*

**STORY PREPARED BY:**

*Roger E. Brown, Deputy Commissioner of Agriculture, Tulare County*

# TULARE COUNTY AGRICULTURAL ACREAGE STATISTICS

ORCHARD	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
<u>CITRUS</u>			
Grapefruit	196	107	303
Lemons	3,946	1,255	5,201
Limes	13	1	14
Navels	58,047	1,284	59,331
Valencias	23,565	37	23,602
Tangerines	1,661	0	1,661
TOTAL	87,428	2,684	90,112
<u>DECIDUOUS AND GRAPES</u>			
Almonds	7,690	647	8,337
Apples	143	15	158
Apricots	159	0	159
Avocados	554	904	1,458
Cherries	37	10	47
Figs	62	0	62
Grapes			
Table	24,840	507	25,347
Raisin	32,650	620	33,270
Wine	16,148	223	16,371
Kiwi	35	155	190
Nectarines	4,822	2,343	7,165
Olives	15,724	660	16,384
Peaches			
Cling	1,589	147	1,736
Freestone	2,470	799	3,269
Pears & Apple Pears	220	112	332
Pecans	25	257	282
Persimmons	236	57	293
Pistachios Nuts	292	643	935
Plums	10,832	2,119	12,951
Pomegranates	1,257	259	1,516
Prunes	4,090	309	4,399
Quince	65	18	83
Walnuts	26,744	2,360	29,104
TOTAL	150,684	13,164	163,848
<hr/>			
Total Grapes	73,638	1,350	74,988
Total Orchard Crops	164,474	14,498	178,972
<hr/>			
TOTAL	238,112	15,848	253,960

Above acreage computed through December, 1978

## 1977-78 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Barley	1978	54,000	1.63	88,020	Ton	96.65	8,507,000
	1977	24,000	2.10	50,400	Ton	90.40	4,556,000
Beans - Dry	1978	8,750	.90	7,875	Ton	360.00	2,835,000
	1977	6,000	1.25	7,500	Ton	420.00	3,150,000
Corn - Field	1978	3,120	3.25	10,140	Ton	91.30	926,000
	1977	3,272	3.75	12,270	Ton	84.00	1,031,000
Cotton - Lint <u>A/</u>	1978	214,145	496.00	221,280	Bale	63.00	66,916,000
	1977	209,830	934.00	408,290	Bale	54.60	107,006,000
Cotton - Seed	1978	X	X	94,800	Ton	126.00	11,945,000
	1977	X	X	167,000	Ton	76.00	12,692,000
Hay - Alfalfa	1978	75,000	7.00	525,000	Ton	55.00	28,875,000
	1977	52,000	6.25	325,000	Ton	63.50	20,638,000
Grain	1978	6,425	2.50	16,100	Ton	32.20	518,000
	1977	2,421	2.30	5,568	Ton	57.50	320,000
Oats	1978	800	1.40	1,120	Ton	92.50	104,000
	1977	250	.25	63	Ton	80.00	5,000
Pasture & Range Irrigated	1978	17,000	X	X	Acre	100.00	1,700,000
	1977	11,000	X	X	Acre	80.00	880,000
Native	1978	900,000	X	X	Acre	8.00	7,200,000
	1977	900,000	X	X	Acre	7.00	6,300,000
Other	1978	3,000	X	X	Acre	15.00	45,000
	1977	2,080	X	X	Acre	10.00	20,800
Rice	1978	3,620	2.40	8,690	Ton	151.90	1,320,000
	1977	189	2.84	537	Ton	187.00	100,000
Seed Screenings	1978	X	X	1,160	Ton	59.50	69,000
	1977	X	X	300	Ton	72.50	21,800
Silage	1978	40,400	14.83	599,130	Ton	10.25	6,141,000
	1977	44,000	13.36	587,840	Ton	10.00	5,878,000
Sorghum Grain	1978	14,000	2.13	29,820	Ton	81.25	2,423,000
	1977	4,100	2.00	8,200	Ton	80.00	656,000
Soybean	1978	6,500	0.85	5,525	Ton	222.50	1,229,000
	1977	3,000	0.77	2,310	Ton	205.00	474,000

# 1977-78 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Straw	1978	X	X	3,915	Ton	25.75	101,000
	1977	X	X	2,664	Ton	20.00	53,000
Sugar Beets	1978	3,530	25.26	89,170	Ton	22.90	2,042,000
	1977	4,421	23.63	104,468	Ton	20.79	2,172,000
Wheat	1978	23,000	1.11	25,530	Ton	104.50	2,668,000
	1977	20,400	1.21	24,684	Ton	77.70	1,918,000
Miscellaneous	1978	319	X	X	X	X	56,800
	1977	272	X	X	X	X	70,000
<hr/>							
Total	1978	1,373,609					145,621,000
	*1977	1,287,235					*167,942,000

A/ Yield per acre in pounds lint, production total in 480 lbs. net weight bales,  
unit value in dollars per lint hundredweight.

\* Revised

# SEED CROPS: ACREAGE, PRODUCTION AND VALUE 1977-78

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Barley - Registered or Certified	1978	505	1.98	1,000	Ton	103.55	104,000
	1977	83	2.83	235	Ton	95.00	22,300
Beans - Blackeye #5 Registered or Certified	1978	396	.52	206	Ton	600.00	124,000
	1977	346	.86	298	Ton	550.00	164,000
Cotton - Registered A/	1978	4,397	X	1,900	Ton	136.18	259,000
	1977	X	X	X	X	X	X
Vegetables for Seed	1978	501	X	X	X	X	411,000
	1977	410	X	X	X	X	212,000
Wheat - Registered or Certified	1978	507	1.19	603	Ton	110.00	66,300
	1977	264	2.38	628	Ton	82.00	51,500
Miscellaneous	1978	130	X	X	X	X	36,400
	1977	X	X	X	X	X	X
Total	1978	2,039					1,001,000
	1977	1,103					450,000

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

## 1977-78 VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Asparagus	1978	67	2.70	181	Ton	1,172.55	212,000
	1977	67	3.61	242	Ton	691.00	167,000
Beans - Green Processed	1978	1,850	2.28	4,220	Ton	182.00	768,000
	1977	1,650	2.69	4,438	Ton	164.00	728,000
Cauliflower	1978	2,575	5.12	13,200	Ton	359.00	4,739,000
	1977	1,250	6.00	7,500	Ton	270.00	2,025,000
Corn - Sweet	1978	428	2.50	1,070	Ton	176.00	188,000
	1977	93	3.85	358	Ton	160.00	57,300
Cucumbers - Fresh	1978	282	8.25	2,330	Ton	346.40	807,000
	1977	292	5.80	1,694	Ton	244.00	413,000
Melons - Misc. Varieties	1978	764	8.98	6,860	Ton	141.35	970,000
	1977	730	6.75	4,928	Ton	114.00	562,000
Watermelons	1978	424	8.10	3,430	Ton	98.25	337,000
	1977	222	7.00	1,554	Ton	65.00	101,000
Peppers - Bell	1978	27	10.00	270	Ton	272.00	73,400
	1977	111	5.84	648	Ton	306.00	198,000
Chili	1978	678	10.43	7,070	Ton	154.00	1,089,000
	1977	254	11.39	2,893	Ton	147.71	427,000
Pimento	1978	190	11.00	2,090	Ton	160.00	334,000
	1977	75	12.00	900	Ton	140.00	126,000
Tomatoes - Fresh	1978	1,182	11.22	13,260	Ton	379.40	5,031,000
	1977	1,245	16.20	20,169	Ton	566.25	11,421,000
Processed	1978	220	21.8	4,800	Ton	53.80	258,000
	1977	1,330	24.2	32,186	Ton	55.00	1,770,000
Miscellaneous Vegetables	1978	1,988	X	X	X	X	3,535,000
	1977	*1,376	X	X	X	X	*1,498,000
Total	1978	10,675					18,341,000
	1977	8,695					19,493,000

\* Revised

## 1977-78 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Almonds - Meats	1978	7,690	.33	2,540	Ton	2,545.00	6,464,000
	1977	4,741	.63	2,987	Ton	1,500.00	4,481,000
Hulls	1978	X	X	7,230	Ton	45.00	325,000
	1977	X	X	7,822	Ton	31.00	242,000
Apple - Fresh	1978	143	6.09	299	Ton	474.00	142,000
	1977	141	11.43	644	Ton	380.00	245,000
Processed	1978	X	X	572	Ton	122.00	69,800
	1977	X	X	967	Ton	109.00	105,000
Apricots	1978	159	5.65	898	Ton	768.00	690,000
	1977	188	6.42	1,207	Ton	625.00	754,000
Avocados	1978	554	2.79	1,550	Ton	732.00	1,135,000
	1977	488	3.75	1,830	Ton	708.00	1,296,000
Grapes - Total	1978	73,638	6.40	X	Ton	X	169,834,000
	1977	74,446	6.52	X	Ton	X	*157,732,000
Table	1978	33,528	X	184,740	Ton	618.30	114,225,000
	1977	40,888	X	220,390	Ton	545.20	*120,157,000
Canning	1978	2,000	X	16,000	Ton	212.00	3,392,000
	1977	1,966	X	15,730	Ton	160.00	2,517,000
Raisin	1978	7,837	X	7,850	Ton	1,900.00	14,915,000
	1977	9,557	X	19,200	Ton	827.00	15,878,000
Wine	1978	30,273	X	234,900	Ton	158.80	37,302,000
	1977	22,035	X	161,735	Ton	118.59	19,180,000
Grapefruit - Fresh	1978	196	6.60	1,290	Ton	178.60	230,000
	1977	168	9.73	1,635	Ton	169.26	277,000
Lemons - Fresh	1978	3,946	11.57	18,350	Ton	285.00	5,230,000
	1977	3,894	4.84	10,926	Ton	75.26	822,000
Processed	1978	X	X	27,310	Ton	35.00	956,000
	1977	X	X	7,921	Ton	19.00	150,000
Nectarines - Fresh	1978	4,822	9.59	46,240	Ton	516.00	23,860,000
	1977	4,820	8.79	42,368	Ton	356.00	15,083,000
Olives - Canned	1978	15,724	4.10	64,470	Ton	200.00	12,894,000
	1977	14,326	.67	9,598	Ton	418.00	4,012,000
Oil	1978	X	X	2,500	Ton	106.00	265,000
	1977	X	X	150	Ton	122.00	18,300

\* Revised

## 1977-78 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Oranges - Navel	1978	58,047	6.86	303,350	Ton	296.00	89,792,000
	1977	58,736	8.43	359,380	Ton	204.25	* 73,403,000
Processed	1978	X	X	95,010	Ton	45.00	4,275,000
	1977	X	X	135,630	Ton	24.55	* 3,330,000
Valencia	1978	23,565	9.05	149,770	Ton	320.00	47,926,000
	1977	23,895	8.88	144,560	Ton	211.72	* 30,606,000
Processed	1978	X	X	63,610	Ton	55.00	3,499,000
	1977	X	X	67,620	Ton	50.20	* 3,395,000
Peaches - Cling Processed	1978	1,589	8.10	12,870	Ton	135.00	1,737,000
	1977	1,788	8.50	15,198	Ton	115.00	1,748,000
Freestone-Fresh	1978	2,470	9.60	23,710	Ton	553.00	13,112,000
	1977	2,535	9.83	24,919	Ton	431.00	10,740,000
Pears & Apple Pears	1978	220	4.48	986	Ton	820.00	809,000
	1977	202	4.50	909	Ton	561.00	510,000
Persimmons	1978	236	7.53	1,780	Ton	654.00	1,164,000
	1977	236	8.13	1,919	Ton	352.00	675,000
Pistachio Nuts (Dry Wt.)	1978	292	200.00	58,400	Lbs.	2.55	149,000
	1977	235	1,288.00	303,000	Lbs.	1.05	318,000
Plums - Fresh	1978	10,832	6.75	73,120	Ton	497.00	36,341,000
	1977	10,871	6.97	75,771	Ton	405.00	30,687,000
Pomegranates	1978	1,257	4.84	6,080	Ton	476.00	2,894,000
	1977	1,153	4.01	4,624	Ton	397.00	1,836,000
Prunes - Processed	1978	4,090	2.40	9,820	Ton	580.00	5,696,000
	1977	4,493	2.45	11,008	Ton	430.00	4,733,000
Quince	1978	65	4.29	279	Ton	660.00	184,000
	1977	65	8.78	571	Ton	250.00	143,000
Tangerines a/	1978	1,661	6.25	10,380	Ton	334.00	3,467,000
	1977	1,662	7.00	11,634	Ton	380.00	4,421,000

\* Revised



## 1977-78 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Walnuts	1978	26,744	.99	26,480	Ton	1,160.00	30,717,000
	1977	24,377	1.27	30,959	Ton	686.00	21,238,000
Miscellaneous	1978	222	X	X	X	X	740,000
	1977	172	X	X	X	X	467,000
Total	1978	238,162					464,597,000
	1977	* 233,632					* 373,467,000

a/ Includes Tangelos and Tangors

b/ Includes Bushberries, Cherries, Figs, Kiwi, Limes, Pecans, Processed Nectarines, Processed Apricots, Processed Peaches, Processed Plums, and Strawberries.

\* Revised

## 1977-78 NURSERY PRODUCTS: SALES AND VALUE

Item	Year	Quantity Sold	Unit	Per Unit	Total
Citrus and Subtropical	1978	54,500	Each	3.23	176,000
	1977	52,000	Each	3.70	192,000
Deciduous Fruit and Nut trees	1978	1,208,800	Each	2.40	2,901,000
	1977	726,000	Each	2.68	1,948,000
Grape & Berry Vines	1978	5,501,400	M	220.00	1,210,000
	1977	3,161,000	M	231.00	730,000
Herbaceous Ornamentals & Cut Flowers	1978	X	X	X	585,000
	1977	X	X	X	* 50,000
Vegetable and Flower Plants in Flats	1978	62,000	Flats	5.32	330,000
	1977	64,500	Flats	3.60	232,000
Ornamental Trees & Shrubs	1978	585,600	Each	3.22	1,886,000
	1977	490,400	Each	2.93	1,437,000
Miscellaneous	1978	X	X	X	12,300
	1977	X	X	X	500
Total	1978				7,100,000
	1977				4,590,000

\* Revised

# 1977-78 LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	Total Liveweight	Unit	Price per Unit	Total Value
Cattle & Calves	1978	316,000	X	Head	28.10	8,889,600
	1977	259,040	X	Head	27.50	7,122,800
Sheep	1978	1,005	80,400	Lb.	1.00	80,400
	1977	805	64,400	Lb.	0.99	63,760
Goats	1978	2,010	221,100	Lb.	1.00	221,100
	1977	1,610	177,100	Lb.	0.99	175,329
Pigs & Pigs	1978	47,215	X	Head	1.10	51,936
	1977	26,300	X	Head	0.99	26,037
Broilers & Fryers	1978	4,309,000	17,238,000	Lb.	0.05	861,900
	1977	5,304,000	21,216,000	Lb.	0.04	848,640
Other Chickens	1978	64,100	256,400	Lb.	0.05	12,820
	1977	65,000	260,000	Lb.	0.04	10,400
Pullets	1978	660,000	X	Each	2.25	1,485,000
	1977	673,000	X	Each	2.25	1,514,250
Turkeys	1978	1,315,500	25,178,000	Lb.	0.04	1,007,120
	1977	1,166,700	22,880,000	Lb.	0.03	706,560
Cats & Dogs	1978	X	75,000	Lb.	1.00	75,000
	1977	X	88,500	Lb.	1.00	88,500
Miscellaneous						
Chicks - Poults	1978	X	X	X		3,649,000
Rabbits	1977	X	X	X		1,400,000
Goats - Worms						
Total	1978					18,457,000
	1977					17,408,000

\* Revised

## 1977-78 LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Milk - Market	1978	14,409,000	Cwt.	10.050	144,810,000
	1977	14,062,000	Cwt.	9.544	134,208,000
Manufacturing	1978	75,800	Cwt.	9.04	685,000
	1977	256,000	Cwt.	8.82	2,258,000
Eggs-Chicken-Market	1978	3,495,000	Doz.	.473	1,653,000
	1977	2,062,000	Doz.	.494	1,019,000
Miscellaneous	1978	X	X	X	2,481,000
	1977	X	X	X	2,375,000
Total					149,629,000
					139,860,000

## 1977-78 APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Honey - Orange	1978	1,330,000	Lb.	.45	598,000
	1977	800,000	Lb.	.44	352,000
Other	1978	700,000	Lb.	.43	301,000
	1977	800,000	Lb.	.42	336,000
Beeswax	1978	35,000	Lb.	1.75	61,200
	1977	30,000	Lb.	1.85	55,500
Pollination <u>a/</u>	1978	35,000	Colony	18.00	630,000
	1977	32,000	Colony	18.00	576,000
Total					1,590,000
					1,320,000

a/ From Bee Colonies registered in Tulare County

# SUMMARY

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>VALUE</u>
FIELD CROPS	1978	1,373,609	145,621,000
	1977	* 1,287,235	* 167,942,000
SEED CROPS	1978	2,039	1,001,000
	1977	1,103	450,000
VEGETABLE CROPS	1978	10,675	18,341,000
	1977	8,695	19,493,000
FRUIT AND NUT CROPS	1978	238,162	464,597,000
	1977	* 233,632	* 373,467,000
NURSERY PRODUCTS	1978		7,100,000
	1977		4,590,000
LIVESTOCK & POULTRY	1978		108,557,000
	1977		* 63,306,000
LIVESTOCK & POULTRY PRODUCTS	1978		149,629,000
	1977		139,860,000
APIARY PRODUCTS	1978		1,590,000
	1977		1,320,000
<hr/>			
TOTAL	1978	1,624,485	896,436,000
	1977	* 1,530,665	* 770,428,000
<hr/>			

\* Revised

# 1978 MILLION DOLLAR PRODUCTS

## 1978 Ranking

1.	Grapes
2.	Milk
3.	Oranges - Navels
4.	Cattle & Calves
5.	Cotton - Lint & Seed
6.	Oranges - Valencia
7.	Plums
8.	Walnuts
9.	Alfalfa - Hay
10.	Nectarines
11.	Peaches - Freestone & Cling
12.	Olives
13.	Turkeys
14.	Pasture & Range
15.	Barley
16.	Almonds
17.	Lemons
18.	Silage
19.	Prunes
20.	Tomatoes
21.	Hogs & Pigs
22.	Broilers & Fryers
23.	Cauliflower
24.	Tangerines
25.	Nursery - Deciduous Nut & Fruit Trees
26.	Pomegranates
27.	Beans- Dry
28.	Wheat
29.	Sorghum Grain
30.	Sugar Beets
31.	Nursery - Ornamental Trees & Shrubs
32.	Chicken Eggs - Market
33.	Pullets
34.	Rice
35.	Soybean
36.	Nursery - Grape & Berry Vines
37.	Persimmons
38.	Avocados
39.	Peppers - Chili

\$169,834,000
145,495,000
94,067,000
83,298,000
78,861,000
51,425,000
36,341,000
30,717,000
28,875,000
23,860,000
14,849,000
13,159,000
10,122,000
8,945,000
8,507,000
6,789,000
6,186,000
6,141,000
5,696,000
5,239,000
4,939,000
4,878,000
4,739,000
3,467,000
2,901,000
2,894,000
2,835,000
2,668,000
2,423,000
2,042,000
1,886,000
1,653,000
1,485,000
1,320,000
1,229,000
1,210,000
1,164,000
1,135,000
1,089,000

## 1977 Ranking

1
2
4
5
3
6
7
8
9
10
12
21
13
14
19
18
**
15
17
11
24
16
26
20
27
29
22
28
**
25
32
35
31
**
**
**
**
33
**

\*\* Reported at less than one million dollars in 1977.

TWENTY YEARS COMPARISON OF AGRICULTURAL INCOME IN TULARE COUNTY

1958-1978

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	-----	*770,428,000
1978	-----	896,436,000

\* Revised

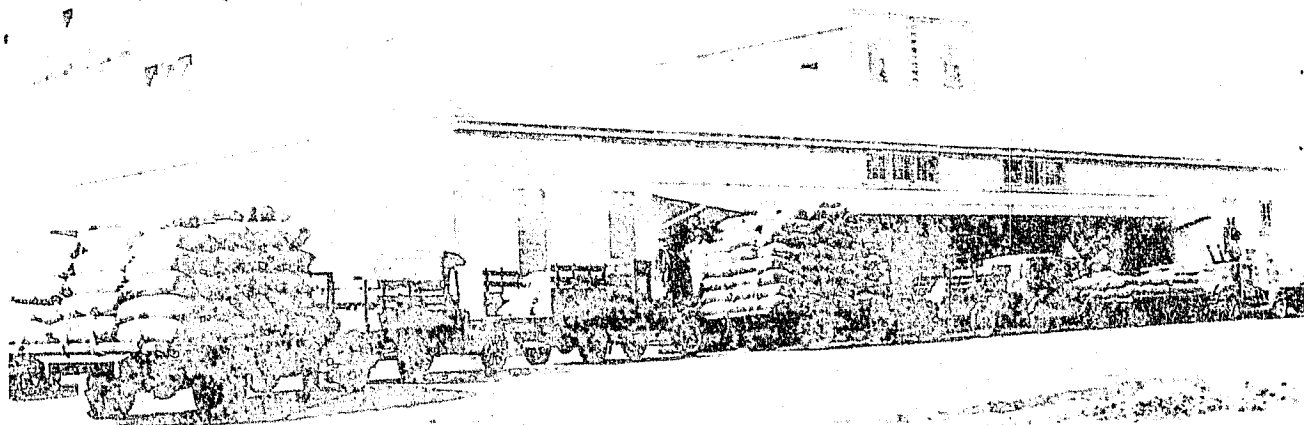
CLYDE R. CHURCHILL  
AGRICULTURAL COMMISSIONER  
AGRICULTURAL BLDG.  
COUNTY CIVIC CENTER  
VISALIA, CALIF. 93277

GOVT DOCUMENTS DEPT  
UNIVERSITY OF CAL LIBRARY  
DAVIS, CA 95616

1979



# AGRICULTURAL CROP REPORT 1979 TULARE COUNTY



## AGRICULTURAL COMMISSIONER

COUNTY CIVIC CENTER  
VISALIA, CALIFORNIA



Agricultural Bldg.  
County Civic Center

# AGRICULTURAL COMMISSIONER

TULARE COUNTY

Clyde R. Churchill

Phone (209) 733-6391



Main & Woodland Dr.  
Visalia, Calif. 93277

1979

RICHARD E. ROMINGER, DIRECTOR  
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE HONORABLE BOARD OF SUPERVISORS  
COUNTY OF TULARE

Clyde R. Gould, Chairman  
Robert E. Harrell Raymond J. Muller  
Donald M. Hillman LeRoy Swiney  
James E. Williams  
County Executive Officer

Gentlemen:

In accordance with the provisions of Section 2779 of the California Agricultural Code, I am pleased to submit the Annual Agricultural Crop Report of the acreage, production and valuation of the agricultural commodities produced in Tulare County during the calendar year 1979.

This report is the result of information gathered from many sources, and as always, it must be emphasized that the figures are gross returns to the producer and do not indicate actual net profit.

After two years of drought and a year of late spring and early fall rains, 1979 proved to be a good year for most of Tulare County with gross agricultural returns running \$1,228,996,200, an increase of 36% from the previous year.

I wish to express my sincere appreciation to all the producers, processors and agencies, both private and governmental, who assisted in compiling this report. I would also like to thank all the members of my staff, without whose input, the publication of this report would be impossible.

Respectfully submitted,

*Clyde R. Churchill*

Clyde R. Churchill  
Agricultural Commissioner

AGRICULTURAL COMMISSIONER  
Clyde R. Churchill

ASSISTANT AGRICULTURAL COMMISSIONER  
William R. Clark

DEPUTY AGRICULTURAL COMMISSIONER  
Roger E. Brown  
Ernest W. Crew  
Bernis E. Naylor

SUPERVISING INSPECTORS  
James B. Gilley                      George Simpson  
Roy S. Miyake                      C. Lynn Thomas

DISTRICT INSPECTORS		
William Appleby	David Gould	Eugene Russell
Larry Bastian	Thomas Griffiths	Eugene Watkins
Bobby Bonds	Albert Grimsley	Thomas Zikratch
H. Edward Campbell	Kenneth Hodson	
Jimmy R. Campbell	Aubrey Maze	

AGRICULTURAL INSPECTORS		
William Braag	Bert Gayden	Loren Sansom
Bob Chilton	Dennis Haines	John Schultz
Greg Dunbar	Thomas LaMunyon	Jack Sisson
Chris Francone	Joe Romani	Deogracias Tigulo

OFFICE

SECRETARY II  
Melissa S. Kelly

ACCOUNT CLERK  
Rosmarie Weber

INTERMEDIATE CLERK TYPIST  
Veronica Hernandez

Reported by.    Dennis Haines, Agricultural Inspector

Cover photograph through the courtesy of Sequoia Walnut Growers Association, Visalia, showing the 1930 walnut crop being brought to market.

## WALNUT, "The Kingley Nut"

The first historic mention of walnuts, tells us that they were grown in Babylon. The actual origin in time, however, has been lost in the unrecorded darkness of the ages.

Most historians theorize that the walnut developed along with most other food sources in the middle east, quite probably in the Persian Gulf area.

The Greek philosopher Theophrastus, wrote of it under the name of Kauron, or at least we are told that it was the walnut he had in mind. The walnut therefore strictly speaking, was the Kauron or "The Kingley Nut".

Just as the ancient Romans referred to the walnut as the Persian nut, because they obtained it from Persia directly or via Greece or Asia Minor. We americans call the same species the English Walnut, because it was introduced in most part to the original colonies by our English forefathers.

The earliest written record of its' existence in the British Isles, is dated 1567.

During this period of history, the walnut does not seem to have aroused much interest in Europe, except for certain specific restricted uses, such as "Nuts and Ale" or the traditional ending of an old world meal with walnuts, cheese, fruit and Port wine (hence the saying "from soup to nuts").

History further records that throughout the centuries, cultivated walnuts pleased the palates of the rich and wild walnuts free for foragers in the forest, filled the bellies of the poor and in times of famine, fed all the population.

Various varieties of cultivated walnuts thrive over a wide territory in both the North and South American continents.

Nearly one hundred horticultural varieties of walnuts have been propagated throughout the United States. Among these are specific species capable of withstanding winter temperatures ranging down to  $-20^{\circ}$  or lower.

However, the large commercial acres in California and the world are grown in the fertile well drained loam soils of the great San Joaquin Valley, where irrigation is readily available.

Wild species of walnuts existed along creek banks and sheltered valleys at the time Indians roamed California, but as is the case with most of our present day crops, it was the missionaries and Franciscan fathers who are credited with introducing the first cultivated walnuts into the Golden State.

The October 28, 1871 issue of the Tulare times carried an article to the effect that a Colonel Paschal Bequette had English walnuts grown on a tree at his ranch in the Visalia area, that were the largest and finest ever seen. They were described as being one-third larger and very full and plump compared to any imported into this area.

Bequette's and other trees were planted in the 1860's in Tulare County and the infrequency of mention of walnuts through the early years indicates that comparatively few were planted even as yard trees until 1880's.

It was reported that in 1887 Thomas Nighbert had come down from his place above Townsend's, now Elderwood, with several sacks of good walnuts to distribute to his friends. He reported his trees bore heavily each year and the yields were increasing as the trees grew larger.

There were few commercial plantings in Tulare County prior to 1900 and most historians agree that Thomas Jacob a County Supervisor and progressive nurseryman of that time, deserves substantial credit for introducing walnut culture into this area.

The first large commercial acreage planted in Tulare County was a 40 acre block developed by the Fleming Fruit Company, East of the city of Visalia, later to be known as the Visalia Orchard Company.

By the 1920's and early 30's, walnut grower associations and marketing Co-ops were being formed to help not only with the harvesting of the crops, but also the marketing into other states and exports into many foreign countries.

The 1950 Tulare County Crop Report shows that there were some 4,200 acres producing walnuts and 2,400 acres of new, non-bearing acres in the county.

The production was 3,273 Ton and returned 1,651,492 dollars to growers in the county.

This 1979 annual report shows 27,620 acres of bearing walnuts and 1,515 acres non-bearing planted at this time. The total production was 34,600 Tons with the gross value of the crop placed at 32,188,000 dollars.

As with many other crops in our area, walnuts have found a unique place in the overall economy of the county and as the Greek philosopher Theophrastus wrote centuries ago, walnut is truly "The Kingley Nut".

*Acknowledgements:*

*Annie R. Mitchell for her clippings and notes loaned to this writer.*

*Los Angeles Times, October 25, 1979 issue*

*Food for us all, 1969 yearbook of Agriculture*

*Notes Prepared by:*

*Rene E. Brown, Deputy Agricultural Commissioner - Tulare County*

# TULARE COUNTY AGRICULTURAL ACREAGE STATISTICS

ORCHARD	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
<u>CITRUS</u>			
Grapefruit	196	95	291
Lemons	4,081	1,106	5,187
Limes	13	1	14
Navels	58,146	1,228	59,374
Valencias	23,470	52	23,522
Tangerines	1,661	18	1,679
TOTAL	87,567	2,500	90,067
<u>DECIDUOUS AND GRAPES</u>			
Almonds	8,242	95	8,337
Apples	117	17	134
Apricots	159	14	173
Avocados	825	635	1,460
Cherries	37	19	56
Figs	62	0	62
Grapes			
Table	24,745	659	25,404
Raisin	32,762	695	33,457
Wine	16,348	23	16,371
Kiwi	70	138	208
Nectarines	5,579	1,616	7,195
Olives	14,592	536	15,128
Peaches			
Cling	1,628	74	1,702
Freestone	2,737	850	3,587
Pears & Apple Pears	262	74	336
Pecans	25	257	282
Persimmons	260	53	313
Pistachio Nuts	508	425	933
Plums	11,314	1,812	13,126
Pomegranates	1,435	103	1,538
Prunes	4,291	444	4,735
Quince	65	18	83
Walnuts	27,620	1,515	29,135
TOTAL	153,683	10,072	163,755
<hr/>			
Total Grapes	73,855	1,377	75,232
Total Orchard Crops	167,395	11,195	178,590
TOTAL	241,250	12,572	253,822

Above acreage computed through December 1979

## 1978-79 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Barley	1979	45,000	1.80	81,000	Ton	105.00	8,505,000
	1978	54,000	1.63	88,020	Ton	96.65	8,507,000
Beans - Dry	1979	7,750	1.05	8,140	Ton	437.00	3,557,000
	1978	8,750	.90	7,875	Ton	360.00	2,835,000
Corn - Field	1979	3,000	3.75	11,250	Ton	114.00	1,282,000
	1978	3,120	3.25	10,140	Ton	91.30	926,000
Cotton - Lint A/	1979	218,845	835.00	380,700	Bale	67.00	127,534,000
	1978	214,145	496.00	221,280	Bale	63.00	*69,704,000
Cotton - Seed	1979	X	X	152,000	Ton	126.00	19,152,000
	1978	X	X	94,800	Ton	126.00	11,945,000
Hay - Alfalfa	1979	75,000	8.00	600,000	Ton	90.20	54,120,000
	1978	75,000	7.00	525,000	Ton	55.00	28,875,000
Grain	1979	4,890	2.12	10,400	Ton	53.50	556,000
	1978	6,425	2.50	16,100	Ton	32.20	518,000
Oats	1979	450	1.30	585	Ton	102.00	60,000
	1978	800	1.40	1,120	Ton	92.50	104,000
Pasture & Range Irrigated	1979	16,500	X	X	Acre	115.00	1,898,000
	1978	17,000	X	X	Acre	100.00	1,700,000
Native	1979	900,000	X	X	Acre	9.00	8,100,000
	1978	900,000	X	X	Acre	8.00	7,200,000
Other	1979	3,000	X	X	Acre	15.00	45,000
	1978	3,000	X	X	Acre	15.00	45,000
Rice	1979	5,035	2.86	14,400	Ton	170.00	2,448,000
	1978	3,620	2.40	8,690	Ton	151.90	1,320,000
Seed Screenings	1979	X	X	1,020	Ton	75.80	77,300
	1978	X	X	1,160	Ton	59.50	69,000
Silage	1979	56,000	15.26	854,600	Ton	14.60	12,477,000
	1978	40,400	14.83	599,130	Ton	10.25	6,141,000
Sorghum Grain	1979	12,000	2.70	32,400	Ton	102.00	3,305,000
	1978	14,000	2.13	29,820	Ton	81.25	2,423,000
Soybean	1979	360	1.00	360	Ton	185.00	66,600
	1978	6,500	.85	5,525	Ton	222.50	1,229,000



# 1978-79 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested	Per	Production		Value	
				Total	Unit	Per Unit	Total
Straw	1979	X	X	6,300	Ton	22.50	142,000
	1978	X	X	3,915	Ton	25.75	101,000
Sugar Beets	1979	6,750	30.30	204,500	Ton	26.80	5,481,000
	1978	3,530	25.26	89,170	Ton	22.90	2,042,000
Wheat	1979	27,000	2.10	56,700	Ton	126.00	7,144,000
	1978	23,000	1.11	25,530	Ton	104.50	2,668,000
Miscellaneous	1979	218	X	X	X	X	38,900
	1978	319	X	X	X	X	56,800
<hr/>							
TOTAL	1979	1,381,798					255,988,800
	1978	1,373,609					* 148,408,800

A/ Yield per acre in pounds lint, production total in 480 lbs. net weight bales, unit value in dollars per lint hundredweight.

\* Revised

# SEED CROPS: ACREAGE, PRODUCTION AND VALUE 1978-79

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Barley-Registered or Certified	1979	X	X	X	X	X	X
	1978	505	1.98	1,000	Ton	103.55	104,000
Beans-Blackeye #5 Registered or Certified	1979	240	.06	14	Ton	560.00	7,800
	1978	396	.52	206	Ton	600.00	124,000
Cotton-Registered A/	1979	4,397	X	1,900	Ton	136.20	334,000 B/
	1978	4,397	X	1,900	Ton	136.20	* 334,000
Vegetables for Seed	1979	615	X	X	X	X	1,667,000
	1978	501	X	X	X	X	411,000
Wheat-Registered	1979	2,701	1.50	4,050	Ton	124.00	502,000
	1978	507	1.19	603	Ton	110.00	66,300
Miscellaneous	1979	65	X	X	X	X	19,000
	1978	130	X	X	X	X	36,400
Total	1979	3,621					2,529,800
	1978	2,039					* 1,075,700

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

B/ Includes \$17.00 per acre approval.

\* Revised

## 1978-79 VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Asparagus	1979	46	2.70	124	Ton	1,030.00	128,000
	1978	67	2.70	181	Ton	1,172.55	212,000
Cauliflower	1979	1,280	3.00	3,840	Ton	342.00	1,313,000
	1978	2,575	5.12	13,200	Ton	359.00	4,739,000
Corn - Sweet	1979	955	4.62	4,410	Ton	208.00	917,000
	1978	428	2.50	1,070	Ton	176.00	188,000
Cucumbers - Fresh	1979	340	19.20	6,530	Ton	281.00	1,835,000
	1978	282	8.25	2,330	Ton	346.40	807,000
Peppers - Bell	1979	190	8.50	1,620	Ton	230.00	373,000
	1978	27	10.00	270	Ton	272.00	73,400
Chili	1979	750	11.00	8,250	Ton	173.00	1,427,000
	1978	678	10.43	7,070	Ton	154.00	1,089,000
Pimento	1979	160	11.00	1,760	Ton	170.00	299,000
	1978	190	11.00	2,090	Ton	160.00	334,000
Tomatoes - Fresh	1979	1,650	15.64	25,800	Ton	388.00	10,010,000
	1978	1,182	11.22	13,260	Ton	379.40	5,031,000
Processed	1979	340	25.0	8,500	Ton	56.70	482,000
	1978	220	21.8	4,800	Ton	53.80	258,000
Miscellaneous	1979	6,208	X	X	X	X	8,828,000
	1978	5,026	X	X	X	X *	5,610,000
Total	1979	11,919					25,612,000
	1978	10,675					18,341,400

\* Revised

## 1978-79 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Almonds - Meats	1979	8,242	.52	4,290	Ton	3,100.00	13,299,000
	1978	7,690	.33	2,540	Ton	2,545.00	6,464,000
Hulls	1979	X	X	12,200	Ton	50.00	610,000
	1978	X	X	7,230	Ton	45.00	325,000
Apple - Fresh	1979	117	16.67	630	Ton	276.00	174,000
	1978	143	6.09	299	Ton	474.00	142,000
Processed	1979	X	X	1,320	Ton	140.00	185,000
	1978	X	X	572	Ton	122.00	69,800
Apricots	1979	159	4.32	687	Ton	480.00	330,000
	1978	159	5.65	898	Ton	768.00	690,000
Avocados	1979	825	0.92	759	Ton	1,240.00	941,000
	1978	554	2.79	1,550	Ton	732.00	1,135,000
Grapes - Total	1979	73,855					247,445,000
	1978	73,638					*171,396,000
Raisin Varieties	1979	32,762	9.43				
	1978	32,650	6.04				
Canned	1979			22,500	Ton	225.00	5,062,000
	1978			16,000	Ton	212.00	3,392,000
Crushed	1979			64,900	Ton	152.00	9,865,000
	1978			65,050	Ton	155.00	10,083,000
Dried	1979			16,500	Ton	1,150.00	18,975,000
	1978			7,850	Ton	1,900.00	14,915,000
Fresh	1979			134,300	Ton	706.00	94,816,000
	1978			69,400	Ton	652.00	45,249,000
Juice	1979			11,400	Ton	387.00	4,412,000
	1978			10,500	Ton	350.00	3,675,000
Table Varieties	1979	24,745	5.82				
	1978	24,840	5.30				
Crushed	1979			13,000	Ton	125.00	1,625,000
	1978			18,669	Ton	158.83	2,965,000
Fresh	1979			131,000	Ton	657.00	86,067,000
	1978			113,000	Ton	595.00	67,235,000

## 1978-79 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Wine Varieties	1979	16,348	9.24				
	1978	16,148	8.29				
Crushed	1979			138,900	Ton	159.00	22,085,000
	1978			122,600	Ton	163.00	19,984,000
Juice	1979			12,100	Ton	375.00	4,538,000
	1978			11,200	Ton	348.00	3,898,000
Grapefruit-Fresh	1979	196	8.79	1,720	Ton	435.00	748,000
	1978	196	6.60	1,290	Ton	178.60	230,000
Kiwi	1979	A/ 70	8.90	623	Ton	2,290.00	1,427,000
	1978	X	X	X	X	X	X
Lemons - Fresh	1979	4,081	8.79	23,900	Ton	498.00	11,902,000
	1978	3,946	11.57	18,350	Ton	285.00	5,230,000
Processed	1979	X	X	11,900	Ton	70.00	833,000
	1978	X	X	27,310	Ton	35.00	956,000
Nectarines-Fresh	1979	5,579	10.50	58,600	Ton	440.00	25,784,000
	1978	4,822	9.59	46,240	Ton	516.00	23,860,000
Olives - Canned	1979	14,592	1.54	22,500	Ton	400.00	9,000,000
	1978	15,724	4.10	64,470	Ton	200.00	12,894,000
Oil	1979	X	X	4,600	Ton	150.00	690,000
	1978	X	X	2,500	Ton	106.00	265,000
Oranges - Navel	1979	58,146	7.93	306,500	Ton	379.00	116,164,000
	1978	58,047	6.86	303,350	Ton	296.00	89,792,000
Processed	1979	X	X	154,800	Ton	40.00	6,192,000
	1978	X	X	95,010	Ton	45.00	4,275,000
Valencia	1979	23,470	11.12	166,900	Ton	380.00	63,422,000
	1978	23,565	9.05	149,770	Ton	320.00	47,926,000
Processed	1979	X	X	94,000	Ton	70.00	6,580,000
	1978	X	X	63,610	Ton	55.00	3,499,000
Peaches - Cling Processed	1979	1,628	14.00	22,800	Ton	162.00	3,694,000
	1978	1,589	8.10	12,870	Ton	135.00	1,737,000
Freestone-Fresh	1979	2,737	10.10	27,600	Ton	495.00	13,662,000
	1978	2,470	9.60	23,710	Ton	553.00	13,112,000

## 1978-79 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production Total	Unit	Value Per Unit	Total
Pears & Apple Pears	1979	262	3.80	996	Ton	920.00	916,000
	1978	220	4.48	986	Ton	820.00	809,000
Persimmons	1979	260	4.44	1,150	Ton	855.00	983,000
	1978	236	7.53	1,780	Ton	654.00	1,164,000
Pistachio Nuts (Dry Wt.)	1979	508	800.00	406,400	Lbs.	1.65	671,000
	1978	292	200.00	58,400	Lbs.	2.55	149,000
Plums - Fresh	1979	11,314	7.71	87,200	Ton	454.00	39,589,000
	1978	10,832	6.75	73,120	Ton	497.00	36,341,000
Pomegranates	1979	1,435	3.79	5,440	Ton	569.00	3,095,000
	1978	1,257	4.84	6,080	Ton	476.00	2,894,000
Prunes-Processed	1979	4,291	2.39	10,260	Ton	625.00	6,412,000
	1978	4,090	2.40	9,820	Ton	580.00	5,696,000
Quince	1979	65	3.42	222	Ton	734.00	163,000
	1978	65	4.29	279	Ton	660.00	184,000
Tangerines B/	1979	1,661	9.58	15,900	Ton	468.00	7,441,000
	1978	1,661	6.25	10,380	Ton	334.00	3,467,000
Walnuts	1979	27,620	1.25	34,500	Ton	933.00	32,188,000
	1978	26,744	.99	26,480	Ton	1,160.00	30,717,000
Miscellaneous C/	1979	215	X	X	X	X	701,000
	1978	222	X	X	X	X	740,000
Total		1979	241,328				615,241,000
		1978	238,162			*	466,158,800

A/ Included with miscellaneous in 1978 report and includes production from young orchards officially classified as non-bearing.

B/ Includes Tangelos and Tangors

C/ Includes Bushberries, Cherries, Figs, Limes, Pecans, Processed Nectarines, Processed Apricots, Processed Peaches, Processed Plums, and Strawberries.

\* Revised

## 1978-79 NURSERY PRODUCTS: SALES AND VALUE

Item	Year	Quantity Sold	Unit	Per Unit	Total
Citrus and Subtropical	1979	42,800	Each	3.77	161,000
	1978	54,500	Each	3.23	176,000
Deciduous Fruit and Nut trees	1979	1,077,200	Each	2.85	3,070,000
	1978	1,208,800	Each	2.40	2,901,000
Grape & Berry Vines	1979	7,933,000	M	230.00	1,825,000
	1978	5,501,400	M	220.00	1,210,000
Herbaceous Ornamentals & Cut Flowers	1979	X	X	X	190,000
	1978	X	X	X	585,000
Vegetable and Flower Plants in Flats	1979	70,000	Flats	5.86	410,000
	1978	62,000	Flats	5.32	330,000
Ornamental Trees & Shrubs	1979	1,488,300	Each	2.26	3,364,000
	1978	585,600	Each	3.22	1,886,000
Miscellaneous	1979	X	X	X	386,000
	1978	X	X	X	12,300
Total	1979				9,406,000
	1978				7,100,300

## 1978-79 LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle & Calves	1979	251,700	X	Head	455.50	114,649,000
	1978	316,000	X	Head	263.60	83,298,000
Lambs	1979	1,450	116,000	Lb.	.666	77,300
	1978	1,005	80,400	Lb.	.608	48,900
Hogs & Pigs	1979	54,000	X	Head	99.70	5,384,000
	1978	47,215	X	Head	104.60	4,939,000
Broilers & Fryers	1979	5,620,000	23,604,000	Lb.	.320	7,553,000
	1978	4,309,000	17,238,000	Lb.	.283	4,878,000
Other Chickens	1979	60,000	246,000	Lb.	.115	28,300
	1978	64,100	256,400	Lb.	.100	25,600
Pullets	1979	667,000	X	Each	2.25	1,501,000
	1978	660,000	X	Each	2.25	1,485,000
Turkeys	1979	1,325,000	27,065,000	Lb.	.430	11,638,000
	1978	1,315,500	25,178,000	Lb.	.402	10,122,000
Miscellaneous	1979	X	X	X	X	3,954,000
	1978	X	X	X	X	3,761,000
Total	1979					144,784,600
	1978					108,557,500



## 1978-79 LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Milk - Market	1979	15,150,000	Cwt.	11.14	168,771,000
	1978	14,409,000	Cwt.	10.05	144,810,000
Manufacturing	1979	118,000	Cwt.	10.60	1,251,000
	1978	75,800	Cwt.	9.04	685,000
Eggs-Chicken-Market	1979	2,447,000	Doz.	.523	1,280,000
	1978	3,495,000	Doz.	.473	1,653,000
Miscellaneous	1979	X	X	X	2,691,000
	1978	X	X	X	2,481,000
Total	1979				173,993,000
	1978				149,629,000

## 1978-79 APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Honey - Orange	1979	900,000	Lb.	.49	441,000
	1978	1,330,000	Lb.	.45	598,000
Other	1979	750,000	Lb.	.45	338,000
	1978	700,000	Lb.	.43	301,000
Beeswax	1979	30,000	Lb.	1.80	54,000
	1978	35,000	Lb.	1.75	61,200
Pollination <u>A/</u>	1979	30,000	Colony	20.25	608,000
	1978	35,000	Colony	18.00	630,000

A/ From bee colonies registered in Tulare County.

Total	1979				1,441,000
	1978				1,590,000

SUMMARY

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>VALUE</u>
FIELD CROPS	1979	1,381,798	255,988,800
	1978	1,373,609	* 148,408,800
SEED CROPS	1979	3,621	2,529,800
	1978	2,039	* 1,075,700
VEGETABLE CROPS	1979	11,919	25,612,000
	1978	10,675	18,341,400
FRUIT AND NUT CROPS	1979	241,328	615,241,000
	1978	238,162	* 466,158,800
NURSERY PRODUCTS	1979		9,406,000
	1978		7,100,300
LIVESTOCK & POULTRY	1979		144,784,600
	1978		108,557,500
LIVESTOCK & POULTRY PRODUCTS	1979		173,993,000
	1978		149,629,000
APIARY PRODUCTS	1979		1,441,000
	1978		1,590,200
<hr/>			
Total	1979	1,638,666	1,228,996,200
	1978	1,624,485	* 900,861,700
<hr/>			

\* Revised

# 1979 MILLION DOLLAR PRODUCTS

## 1979 Ranking

## 1978 Ranking

1. Grapes	247,445,000	1
2. Oranges - Navel & Valencia	192,358,000	3
3. Milk	170,022,000	2
4. Cotton - Lint & Seed	147,020,000	5
5. Cattle & Calves	114,649,000	4
6. Alfalfa Hay	54,120,000	9
7. Plums	39,589,000	7
8. Walnuts	32,188,000	8
9. Nectarines	25,784,000	10
10. Peaches - Freestone & Cling	17,356,000	11
11. Almonds	13,909,000	16
12. Lemons	12,735,000	19
13. Silage	12,477,000	18
14. Turkeys	11,638,000	13
15. Tomatoes - Fresh & Processed	10,492,000	20
16. Pasture & Range	10,043,000	14
17. Olives	9,690,000	12
18. Barley	8,505,000	15
19. Broilers & Fryers	7,553,000	22
20. Tangerines	7,441,000	24
21. Wheat	7,144,000	28
22. Prunes	6,412,000	17
23. Sugar Beets	5,481,000	30
24. Hogs & Pigs	5,383,000	21
25. Beans - Dry	3,557,000	27
26. Nursery - Ornamental Trees & Shrubs	3,364,000	31
27. Sorghum Grain	3,305,000	29
28. Pomegranates	3,095,000	26
29. Nursery - Deciduous Fruits & Nut Trees	3,070,000	25
30. Rice	2,448,000	34
31. Cucumbers - Fresh	1,835,000	**
32. Nursery - Grape & Berry Vines	1,825,000	36
33. Vegetables for Seed	1,667,000	**
34. Pullets	1,501,000	33
35. Kiwi	1,427,000	**
36. Peppers - Chili	1,427,000	39
37. Cauliflower	1,313,000	23
38. Corn - Field	1,282,000	**
39. Chicken Eggs - Market	1,280,000	32

\*\* Reported at less than one million dollars in 1978.

TWENTY YEARS COMPARISON OF AGRICULTURAL INCOME IN TULARE COUNTY

1959 - 1979

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	-----	770,428,000
1978	-----	*900,861,700
1979	-----	1,228,996,200

\* Revised

CLYDE R. BROWN  
AGRICULTURAL COMMISSIONER  
AGRICULTURAL BLDG.  
COUNTY CIVIC CENTER  
VISALIA, CALIF. 93277

1980

AGRICULTURAL  
CROP REPORT  
1980  
TULARE COUNTY



AGRICULTURAL  
COMMISSIONER

COUNTY CIVIC CENTER  
VISALIA, CALIFORNIA

UNIVERSITY OF CALIFORNIA  
DAVIS

APR 10 1981

GOV'T DOCS. - LIBRARY

## THE SMALL BUT MIGHTY HONEYBEE

Historians cannot agree as to the exact date that the honeybee appeared in the civilization of man, but paintings of honeycombs and bee ladders have been found in caverns of eastern Spain that are believed to have originated around 11,000 B.C..

Beekeeping proper probably started when man learned to safeguard the future of colonies of bees he found in hollow tree trunks, or elsewhere, by a certain amount of care and supervision.

Gradually, separate hives came to be used as substitutes for the natural dwellings of bees; for convenience and safety they were collected together in an apiary and hive construction depended upon local materials and skills of those in the community.

It is known that the honeybee appeared throughout Egyptian symbolism and art. Honey and brood have been a staple in diet of the Bushman of the Kalahari Desert of South Africa for centuries.

A few years ago eight bronze vases of honey still soft, pliable and golden yellow in color were found at Paestum, Italy, that were estimated to be at least 2,500 years old.

The honeybee appeared on various heraldic coats of arms, dating back to the early 1400's in Europe and the bee hive symbol was often chosen to signify "Industriousness" as the action for prosperity by many European businessmen.

The honeybee has also been used on at least 69 different stamps and even a United States forty-five dollar bill used in 1799 features two swarming bee hives.

Prior to 1500 there were no honeybees in the New World, that is in the Americas, Australia and New Zealand, but like so many of our major crops and some animals, the honeybee was brought with our forefathers who settled this country.

Early records indicate that it was first introduced into the Virginias about 1621 from Europe and almost two and a half centuries would pass before the honeybee was successfully established in California.

The State's first honeybee colony was established at San Jose in March of 1853. Two swarms from this colony were later sold at Auction for \$105 and \$110 each.

From 1858 thru 1869 several colonies were brought into California by boat, wagon train and eventually by railroad.



By 1900 it was estimated that the States' honeybee industry had grown to 129,444 colonies and by 1930 had grown to over 300,000.

Today California is recognized as the foremost beekeeping state, in both bee population and honey production. We annually produce some 11% of the nations honey and beeswax crop and the value of bee colonies for pollinization purposes runs into the millions of dollars each year.

Honeybees are vital to California agriculture as the San Joaquin Valley and Tulare County in general leads the nation in the production of crops requiring or benefitted by this insects' pollination. Without its' help to effect pollination, many species of cultivated plants will not produce fruit or set seed no matter how well they are cultivated, fertilized and protected from diseases and pests.

We have seen that beekeeping has now spread over all the habitable parts of the world. It is practiced over a greater area of the earth's surface than perhaps any other branch of agriculture, and on it the success of many other branches of agriculture depend.

Although in Tulare County total dollar returns for apiary products are, but, a small total of the overall agriculture value, it is almost impossible to place a figure on how important the small, but mighty honeybee is to our total economy.

ACKNOWLEDGEMENTS: The Hive and the Honey Bee; Dadant and Sons  
The American Bee Journal; Vol. 120, No.11

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



Agricultural Bldg.  
County Civic Center

# AGRICULTURAL COMMISSIONER

TULARE COUNTY

Clyde R. Churchill

Phone (209) 733-6391



Main & Woodland Dr.  
Visalia, Calif. 93277

1980

RICHARD E. ROMINGER, DIRECTOR  
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE HONORABLE BOARD OF SUPERVISORS  
COUNTY OF TULARE

Raymond J. Muller, Chairman  
Lori Mangine  
John R. Conway  
Clyde R. Gould  
LeRoy Swiney

James E. Williams  
County Executive Officer

Gentlemen:

In accordance with the provisions of Section 2779 of the California Agricultural Code. I am pleased to submit the Annual Agricultural Crop Report of the acreage, production and valuation of the agricultural commodities produced in Tulare County during the calendar year 1980.

This report is the result of information gathered from many sources, and as always, it must be emphasized that the figures are gross returns to the producer and do not indicate actual net profit.

I wish to express my sincere appreciation to all the producers, processors and agencies, both private and governmental, who assisted in compiling this report. I would also like to thank all the members of my staff, without whose input, the publication of this report would be impossible.

Respectfully submitted,

Clyde R. Churchill  
Agricultural Commissioner

CRC:mak

AGRICULTURAL COMMISSIONER  
Clyde R. Churchill

ASSISTANT AGRICULTURAL COMMISSIONER  
William R. Clark

DEPUTY AGRICULTURAL COMMISSIONER  
Roger E. Brown  
Ernest W. Crew  
Bernis E. Naylor

SUPERVISING INSPECTORS  
James B. Gilley                      George Simpson  
Roy S. Miyake                        Charles Lynn Thomas

DISTRICT INSPECTORS		
William Appleby	David Gould	Jack Sisson
Larry Bastian	Albert Grimsley	Eugene Russell
Bobby Bonds	Kenneth Hodson	Eugene Watkins
William Bragg	Aubrey Maze	Thomas Zikratch
H. Edward Campbell	Hector Prieto	
Jimmy R. Campbell		

AGRICULTURAL INSPECTORS		
Bob Chilton	Bert Gayden	Gabriella Nunez
Greg Dunbar	Dennis Haines	Loren Sansom
Chris Francone	Thomas LaMunyon	John Schultz
Rafael Garcia, Jr.	Herbert Muller	Deo Tigulo

OFFICE

SECRETARY II  
Melissa S. Kelly

ACCOUNT CLERK  
Rosemarie Weber

INTERMEDIATE CLERK TYPIST  
Veronica Hernandez

WORD PROCESSOR I  
Ruth Markham

Reported by: Dennis Haines, Agricultural Inspector

Cover photograph through the courtesy of the Dinuba Sentinel, showing  
beekeeper Mario Villegas checking hives during the citrus bloom.

# TULARE COUNTY AGRICULTURAL ACREAGE STATISTICS

ORCHARD	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
<hr/>			
<u>CITRUS</u>			
Grapefruit	207	80	287
Lemons	4,709	185	4,894
Limes	13	1	14
Navels	54,350	1,436	55,786
Valencias	21,734	211	21,945
Tangerines	1,521	70	1,591
TOTAL	82,534	1,983	84,517
 <u>DECIDUOUS AND GRAPES</u>			
Almonds	8,504	1,270	9,774
Apples	123	29	152
Apricots	164	64	228
Avocados	1,421	203	1,624
Cherries	16	35	51
Figs	43	1	44
Grapes			
Table	22,474	2,261	24,735
Raisin	32,190	4,084	36,274
Wine	15,159	1,246	16,405
Kiwi	73	338	411
Nectarines	5,985	1,816	7,801
Olives	13,259	605	13,864
Peaches			
Cling	1,306	116	1,422
Freestone	3,030	953	3,983
Pears & Apple Pears	215	44	259
Pecans	23	525	548
Persimmons	286	80	366
Pistachio Nuts	883	311	1,194
Plums	11,213	3,044	14,257
Pomegranates	1,519	257	1,776
Prunes	4,071	670	4,741
Quince	74	33	107
Walnuts	24,314	1,887	26,201
TOTAL	146,345	19,872	166,217
 <hr/>			
Total Grapes	69,823	7,591	77,414
Total Orchard Crops	159,056	14,264	173,320
TOTAL	228,879	21,855	250,734

Above acreage computed through December 1980

## 1979-80 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Barley	1980	50,500	2.12	107,000	Ton	124.00	13,268,000
	1979	45,000	1.80	81,000	Ton	105.00	8,505,000
Beans - Dry	1980	11,600	0.90	10,400	Ton	510.00	5,304,000
	1979	7,750	1.05	8,140	Ton	437.00	3,557,000
Corn - Field	1980	16,800	3.16	53,100	Ton	134.00	7,115,000
	1979	3,000	3.75	11,250	Ton	114.00	1,282,000
Cotton - Lint <u>A/</u>	1980	176,680	845.00	303,000	Bale	84.00	127,260,000
	1979	218,845	835.00	380,700	Bale	67.00	127,534,000
Cotton Seed	1980	X	X	124,000	Ton	151.00	18,724,000
	1979	X	X	152,000	Ton	126.00	19,152,000
Hay - Alfalfa	1980	80,000	8.20	656,000	Ton	89.80	58,909,000
	1979	75,000	8.00	600,000	Ton	90.20	54,120,000
Grain	1980	5,500	2.34	12,900	Ton	55.20	712,000
	1979	4,890	2.12	10,400	Ton	53.50	556,000
Oats - Grain	1980	130	1.88	244	Ton	130.00	31,700
	1979	450	1.30	585	Ton	102.00	60,000
Pasture & Range Irrigated	1980	17,000	X	X	Acre	130.00	2,210,000
	1979	16,500	X	X	Acre	115.00	1,898,000
Native	1980	900,000	X	X	Acre	9.00	8,100,000
	1979	900,000	X	X	Acre	9.00	8,100,000
Other	1980	3,500	X	X	Acre	15.00	52,500
	1979	3,000	X	X	Acre	15.00	45,000
Rice	1980	5,280	2.35	12,400	Ton	230.00	2,852,000
	1979	5,035	2.86	14,400	Ton	170.00	2,448,000
Silage	1980	47,300	17.06	807,000	Ton	20.30	16,382,000
	1979	56,000	15.26	854,600	Ton	14.60	12,477,000
Sorghum Grain	1980	17,340	2.30	39,900	Ton	126.00	5,027,000
	1979	12,000	2.70	32,400	Ton	102.00	3,305,000
Straw	1980	X	X	13,000	Ton	28.00	364,000
	1979	X	X	6,300	Ton	22.50	142,000
Sugar Beets	1980	7,444	31.30	233,000	Ton	45.25	10,543,000
	1979	6,750	30.30	204,500	Ton	26.80	5,481,000

1979-80 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Wheat	1980	70,200	2.80	197,000	Ton	131.00	25,807,000
	1979	27,000	2.10	56,700	Ton	126.00	7,144,000
Miscellaneous	1980	229	X	X	X	X	130,000
	1979	578	X	X	X	X	* 183,000
<hr/>							
TOTAL	1980	1,409,503					302,791,200
	1979	1,381,798					* 255,989,000

A/ Yield per acre in pounds lint, production total in 492 lbs. net weight bales,  
Unit value in dollars per lint hundredweight.

\* Revised

1979 - 80 SEED CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Barley-Registered or Certified	1980	165	1.89	312	Ton	127.00	39,600
	1979	X	X	X	X	X	X
<u>A/</u> Cotton-Registered	1980	3,435	X	1,670	Ton	157.70	322,000 <u>B/</u>
	1979	4,397	X	1,900	Ton	136.20	334,000 <u>B/</u>
Vegetables for Seed	1980	357	X	X	X	X	635,000
	1979	615	X	X	X	X	1,667,000
Wheat-Registered or Certified	1980	3,444	2.57	8,850	Ton	134.00	1,186,000
	1979	2,701	1.50	4,050	Ton	124.00	502,000
Miscellaneous	1980	150	X	X	X	X	54,000
	1979	305	X	X	X	X	*26,800
<hr/>							
TOTAL	1980	4,116					2,236,600
	1979	3,621					2,529,800

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

B/ Includes \$17.00 Per acre approval.

\* Revised

## 1979-80 VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Cucumbers - Fresh	1980	532	20.00	10,600	Ton	288.00	3,053,000
	1979	340	19.20	6,530	Ton	281.00	1,835,000
Peppers - Bell	1980	150	8.25	1,240	Ton	310.00	384,000
	1979	190	8.50	1,620	Ton	230.00	373,000
Chili	1980	450	12.00	5,400	Ton	179.00	967,000
	1979	750	11.00	8,250	Ton	173.00	1,427,000
Pimento	1980	120	10.00	1,200	Ton	188.00	226,000
	1979	160	11.00	1,760	Ton	170.00	299,000
Tomatoes - Fresh	1980	1,640	22.80	37,400	Ton	551.00	20,607,000
	1979	1,650	15.64	25,800	Ton	388.00	10,010,000
Processed	1980	410	31.5	12,900	Ton	47.70	615,000
	1979	340	25.0	8,500	Ton	56.70	482,000
Miscellaneous	1980	5,809	X	X	X	X	11,212,000
	1979	8,489	X	X	X	X	* 11,186,000
<hr/>							
Total	1980	9,111					37,064,000
	1979	11,919					25,612,000

\* Revised



## 1979 - 80 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Almonds - Meats	1980	8,504	.61	5,190	Ton	3,000.00	15,570,000
	1979	8,242	.52	4,290	Ton	3,100.00	13,299,000
Hulls	1980	X	X	15,000	Ton	72.00	1,080,000
	1979	X	X	12,200	Ton	50.00	610,000
Apple - Fresh	1980	123	9.29	522	Ton	262.00	137,000
	1979	117	16.67	630	Ton	276.00	174,000
Processed	1980	X	X	621	Ton	75.00	46,600
	1979	X	X	1,320	Ton	140.00	185,000
Apricots	1980	164	4.61	756	Ton	634.00	479,000
	1979	159	4.32	687	Ton	480.00	330,000
Avocados	1980	1,421	1.78	2,530	Ton	580.00	1,467,000
	1979	825	0.92	759	Ton	1,240.00	941,000
Grapes - Total	1980	69,823	X	X	X	X	259,641,000
	1979	73,855	X	X	X	X	247,445,000
Raisin Varieties	1980	32,190	10.10	X	X	X	X
	1979	32,762	9.43	X	X	X	X
Canned	1980	X	X	22,000	Ton	228.00	5,016,000
	1979	X	X	22,500	Ton	225.00	5,062,000
Crushed	1980	X	X	70,100	Ton	150.00	10,515,000
	1979	X	X	64,900	Ton	152.00	9,865,000
Dried	1980	X	X	18,400	Ton	1,200.00	22,080,000
	1979	X	X	16,500	Ton	1,150.00	18,975,000
Fresh	1980	X	X	125,000	Ton	809.00	101,125,000
	1979	X	X	134,300	Ton	706.00	94,816,000
Juice	1980	X	X	11,800	Ton	303.00	3,575,000
	1979	X	X	11,400	Ton	387.00	4,412,000
Table Varieties	1980	22,474	7.52	X	X	X	X
	1979	24,745	5.82	X	X	X	X
Crushed	1980	X	X	48,900	Ton	120.00	5,868,000
	1979	X	X	13,000	Ton	125.00	1,625,000
Fresh	1980	X	X	120,000	Ton	738.00	88,560,000
	1979	X	X	131,000	Ton	657.00	86,067,000

## 1979 - 80 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Wine Varieties	1980	15,159	8.88	X	X	X	X
	1979	16,348	9.24	X	X	X	X
Crushed	1980	X	X	120,800	Ton	156.00	18,845,000
	1979	X	X	138,900	Ton	159.00	22,085,000
Juice	1980	X	X	13,800	Ton	294.00	4,057,000
	1979	X	X	12,100	Ton	375.00	4,538,000
Grapefruit - Fresh	1980	207	10.50	2,170	Ton	252.00	547,000
	1979	196	8.79	1,720	Ton	435.00	748,000
Kiwi <u>A/</u>	1980	73	9.26	676	Ton	2,880.00	1,947,000
	1979	70	8.90	623	Ton	2,290.00	1,427,000
Lemons - Fresh	1980	4,709	12.72	29,600	Ton	382.00	11,307,000
	1979	4,081	8.79	23,900	Ton	498.00	11,902,000
Processed	1980	X	X	30,300	Ton	103.00	3,121,000
	1979	X	X	11,900	Ton	70.00	833,000
Nectarines - Fresh	1980	5,985	10.65	63,700	Ton	509.00	32,423,000
	1979	5,579	10.50	58,600	Ton	440.00	25,784,000
Olives - Canned	1980	13,259	3.73	34,900	Ton	425.00	14,832,000
	1979	14,592	1.54	22,500	Ton	400.00	9,000,000
Oil	1980	X	X	2,400	Ton	125.00	300,000
	1979	X	X	4,600	Ton	150.00	690,000
Other <u>B/</u>	1980	X	X	12,200	X	182.00	2,200,000
	1979	X	X	X	X	X	X
Oranges - Navel <u>A/</u>	1980	54,350	12.90	444,000	Ton	267.00	118,548,000
	1979	58,146	7.93	306,500	Ton	379.00	116,164,000
Processed	1980	X	X	257,000	Ton	28.00	7,196,000
	1979	X	X	154,800	Ton	40.00	6,192,000
Valencia <u>A/</u>	1980	21,734	14.77	211,000	Ton	275.00	58,025,000
	1979	23,470	11.12	166,900	Ton	380.00	63,422,000
Processed	1980	X	X	110,000	Ton	55.00	6,050,000
	1979	X	X	94,000	Ton	70.00	6,580,000
Peaches - Cling Processed	1980	1,306	14.90	19,500	Ton	188.00	3,666,000
	1979	1,628	14.00	22,800	Ton	162.00	3,694,000

## 1979 - 80 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Freestone - Fresh	1980	3,030	11.77	35,700	Ton	524.00	18,707,000
	1979	2,737	10.10	27,600	Ton	495.00	13,662,000
Pears & Apple Pears	1980	215	4.60	989	Ton	619.00	612,000
	1979	262	3.80	996	Ton	920.00	916,000
Persimmons	1980	286	8.99	2,570	Ton	697.00	1,791,000
	1979	260	4.44	1,150	Ton	855.00	983,000
Pistachio Nuts (Dry Wt.)	1980	883	1,350.00	1,192,000	Lbs.	2.36	2,813,000
	1979	508	800.00	406,400	Lbs.	1.65	671,000
Plums - Fresh	1980	11,213	7.20	80,700	Ton	672.00	54,230,000
	1979	11,314	7.71	87,200	Ton	454.00	39,589,000
Pomegranates	1980	1,519	4.27	6,490	Ton	377.00	2,447,000
	1979	1,435	3.79	5,440	Ton	569.00	3,095,000
Prunes - Processed	1980	4,071	2.60	10,600	Ton	700.00	7,420,000
	1979	4,291	2.39	10,260	Ton	625.00	6,412,000
Quince	1980	74	6.02	445	Ton	476.00	212,000
	1979	65	3.42	222	Ton	734.00	163,000
Tangerines <u>C/</u>	1980	1,521	6.52	9,920	Ton	378.00	3,750,000
	1979	1,661	9.58	15,900	Ton	468.00	7,441,000
Walnuts	1980	24,314	1.25	30,400	Ton	966.00	29,366,000
	1979	27,620	1.25	34,500	Ton	933.00	32,188,000
Miscellaneous <u>D/</u>	1980	247	X	X	X	X	1,250,000
	1979	215	X	X	X	X	701,000
Total	1980	229,031					661,200,600
	1979	241,328					615,241,000

A/ Includes production from young orchards officially classified as non-bearing.

B/ Includes halves, chopped, sliced, fresh and spanish green.

C/ Includes Tangelos and Tangors.

D/ Includes Bushberries, Cherries, Figs, Limes, Pecans, Processed Nectarines, Processed Apricots, Processed Peaches, Processed Plums and Strawberries.

## 1979 - 80 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Wine Varieties	1980	15,159	8.88	X	X	X	X
	1979	16,348	9.24	X	X	X	X
Crushed	1980	X	X	120,800	Ton	156.00	18,845,000
	1979	X	X	138,900	Ton	159.00	22,085,000
Juice	1980	X	X	13,800	Ton	294.00	4,057,000
	1979	X	X	12,100	Ton	375.00	4,538,000
Grapefruit - Fresh	1980	207	10.50	2,170	Ton	252.00	547,000
	1979	196	8.79	1,720	Ton	435.00	748,000
Kiwi <u>A/</u>	1980	73	9.26	676	Ton	2,880.00	1,947,000
	1979	70	8.90	623	Ton	2,290.00	1,427,000
Lemons - Fresh	1980	4,709	12.72	29,600	Ton	382.00	11,307,000
	1979	4,081	8.79	23,900	Ton	498.00	11,902,000
Processed	1980	X	X	30,300	Ton	103.00	3,121,000
	1979	X	X	11,900	Ton	70.00	833,000
Nectarines - Fresh	1980	5,985	10.65	63,700	Ton	509.00	32,423,000
	1979	5,579	10.50	58,600	Ton	440.00	25,784,000
Olives - Canned	1980	13,259	3.73	34,900	Ton	425.00	14,832,000
	1979	14,592	1.54	22,500	Ton	400.00	9,000,000
Oil	1980	X	X	2,400	Ton	125.00	300,000
	1979	X	X	4,600	Ton	150.00	690,000
Other <u>B/</u>	1980	X	X	12,200	X	182.00	2,200,000
	1979	X	X	X	X	X	X
Oranges - Navel <u>A/</u>	1980	54,350	12.90	444,000	Ton	267.00	118,548,000
	1979	58,146	7.93	306,500	Ton	379.00	116,164,000
Processed	1980	X	X	257,000	Ton	28.00	7,196,000
	1979	X	X	154,800	Ton	40.00	6,192,000
Valencia <u>A/</u>	1980	21,734	14.77	211,000	Ton	275.00	58,025,000
	1979	23,470	11.12	166,900	Ton	380.00	63,422,000
Processed	1980	X	X	110,000	Ton	55.00	6,050,000
	1979	X	X	94,000	Ton	70.00	6,580,000
Peaches - Cling Processed	1980	1,306	14.90	19,500	Ton	188.00	3,666,000
	1979	1,628	14.00	22,800	Ton	162.00	3,694,000

1979 - 80 NURSERY PRODUCTS: SALES AND VALUE

Item	Year	Quantity Sold	Unit	Per Unit	Total
Citrus and Subtropical	1980	66,350	Each	4.30	285,000
	1979	42,800	Each	3.77	161,000
Deciduous Fruit and Nut Trees	1980	1,034,900	Each	4.50	4,657,000
	1979	1,077,200	Each	2.85	3,070,000
Grape & Berry Vines	1980	3,847	M	430.00	1,654,000
	1979	7,933	M	230.00	1,825,000
Herbaceous Ornamentsl & Cut Flowers	1980	X	X	X	182,000
	1979	X	X	X	190,000
Vegetables and Flower Plants in Flats	1980	98,000	Flats	6.84	670,000
	1979	70,000	Flats	5.86	410,000
Ornamental Trees & Shrubs	1980	1,125,000	Each	3.62	4,072,000
	1979	1,488,300	Each	2.26	3,364,000
Miscellaneous	1980	X	X	X	119,000
	1979	X	X	X	386,000
<hr/>					
Total	1980				11,639,000
	1979				9,406,000

## 1979 - 80 LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle & Calves	1980	157,600	X	Head	471.00	74,230,000
	1979	251,700	X	Head	455.50	114,649,000
Lambs	1980	1,370	109,600	Lb	.655	71,800
	1979	1,450	116,000	Lb.	.666	77,300
Hogs & Pigs	1980	74,000	X	Head	94.60	7,000,000
	1979	74,500	X	Head	99.70	* 7,428,000
Broilers & Fryers	1980	2,796,000	12,023,000	Lb.	.331	3,980,000
	1979	5,620,000	23,604,000	Lb.	.320	7,553,000
Other Chickens	1980	40,850	X	Each	.356	14,500
	1979	60,000	X	Each	.472	28,300
Pullets	1980	435,000	X	Each	2.90	1,262,000
	1979	667,000	X	Each	2.25	1,501,000
Turkeys	1980	1,099,000	20,112,000	Lb.	.437	8,789,000
	1979	1,325,000	27,065,000	Lb.	.430	11,638,000
Miscellaneous	1980	X	X	X	X	2,063,000
	1979	X	X	X	X	3,954,000
<hr/>						
Total	1980					97,410,300
	1979					* 146,828,600

\* Revised

## 1979 - 80 LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Milk - Market	1980	17,198,000	Cwt.	12.39	213,083,000
	1979	15,327,870	Cwt.	11.57	* 177,343,000
Manufacturing	1980	193,000	Cwt.	11.96	3,308,000
	1979	138,230	Cwt.	10.51	* 1,453,000
Eggs-Chicken-Market	1980	1,262,000	Doz.	.512	646,000
	1979	2,447,000	Doz.	.523	1,280,000
Miscellaneous	1980	X	X	X	3,751,000
	1979	X	X	X	2,691,000
<hr/>					
Total	1980				220,788,000
	1979				182,767,000

## 1979 - 80 APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value Per Unit	Total
Honey - Orange <u>A/</u>	1980	4,266,000	Lb.	.51	2,176,000
	1979	900,000	Lb.	.49	441,000
Other	1980	1,717,000	Lb.	.49	841,000
	1979	750,000	Lb.	.45	338,000
Beeswax	1980	190,600	Lb.	2.00	381,000
	1979	30,000	Lb.	1.80	54,000
Pollination <u>B/</u>	1980	31,800	Colony	17.00	541,000
	1979	30,000	Colony	20.25	608,000
<hr/>					
Total	1980				3,939,000
	1979				1,441,000

A/ From bee colonies registered in Tulare County during 1980 citrus bloom period.

B/ Estimated number of colonies required for adequate pollination.

\* Revised

SUMMARY

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>VALUE</u>
FIELD CROPS	1980	1,409,503	302,791,200
	1979	1,381,798	* 255,989,000
SEED CROPS	1980	4,116	2,236,600
	1979	3,621	2,529,800
VEGETABLE CROPS	1980	9,111	37,064,000
	1979	11,919	25,612,000
FRUIT AND NUT CROPS	1980	229,031	661,200,600
	1979	241,328	615,241,000
NURSERY PRODUCTS	1980	X	11,639,000
	1979	X	9,406,000
LIVESTOCK AND POULTRY	1980	X	97,410,300
	1979	X	* 146,828,600
LIVESTOCK AND POULTRY PRODUCTS	1980	X	220,788,000
	1979	X	* 182,767,000
APIARY PRODUCTS	1980	X	3,939,000
	1979	X	1,441,000
<hr/>			
Total	1980	1,651,761	1,337,068,700
	1979	1,638,666	* 1,239,814,400
<hr/>			

\* Revised



# 1980 MILLION DOLLAR PRODUCTS

## 1980 Ranking

## 1979 Ranking

1. Grapes	\$259,641,000	1
2. Milk	216,391,000	3
3. Oranges - Navel & Valencia	189,819,000	2
4. Cotton - Lint & Seed	146,306,000	4
5. Cattle & Calves	74,230,000	5
6. Alfalfa Hay	58,909,000	6
7. Plums	54,230,000	7
8. Nectarines	32,423,000	9
9. Walnuts	29,366,000	8
10. Wheat	27,807,000	23
11. Peaches - Freestone & Cling	22,373,000	10
12. Tomatoes - Fresh & Processed	21,222,000	15
13. Olives	17,352,000	17
14. Silage	16,382,000	13
15. Almonds	16,339,000	11
16. Lemons	14,428,000	12
17. Barley	13,268,000	18
18. Sugar Beets	10,543,000	24
19. Pasture & Range	10,362,500	16
20. Turkeys	8,789,000	14
21. Prunes	7,420,000	23
22. Corn Field	7,115,000	38
23. Hogs & Pigs	7,000,000	21
24. Beans - Dry	5,304,000	25
25. Sorghum Grain	5,027,000	27
26. Nursery - Deciduous - Fruit & Nut Trees	4,657,000	29
27. Nursery - Ornamental Trees & Shrubs	4,072,000	26
28. Broilers & Fryers	3,980,000	19
29. Tangerines	3,750,000	20
30. Cucumbers - Fresh	3,053,000	31
31. Honey	3,017,000	**
32. Rice	2,852,000	30
33. Pistachio Nuts	2,813,000	**
34. Pomegranates	2,447,000	28
35. Kiwi	1,947,000	35
36. Persimmons	1,791,000	**
37. Nursery - Grape & Berry Vines	1,654,000	32
38. Avocados	1,467,000	**
39. Pullets	1,262,000	34
40. Seed - Wheat Certified or Registered	1,186,000	**

\*\* Reported at less than one million dollars in 1979.

TWENTY YEARS COMPARISON OF AGRICULTURAL INCOME IN TULARE COUNTY

1960 - 1980

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	770,428,000
1978	900,861,700
1979	* 1,239,814,400
1980	1,337,068,700

\* Revised

CLYDE R. CHURCHILL  
AGRICULTURAL COMMISSIONER  
AGRICULTURAL BLDG.  
COUNTY CIVIC CENTER  
VISALIA, CALIF. 93277

1973 JUL 13

GOVT DOCUMENTS DEPT  
UNIVERSITY OF CALIF LIB.  
DAVIS CA 95616

Three vertical black bars of varying widths are positioned on the left side of the page. They appear to be part of a document's header or a decorative element. The bars are solid black with some visible texture or noise.

1981

AGRICULTURAL  
CROP REPORT  
1981  
TULARE COUNTY



AGRICULTURAL  
COMMISSIONER

COUNTY CIVIC CENTER  
VISALIA, CALIFORNIA



Agricultural Bldg.  
County Civic Center

# AGRICULTURAL COMMISSIONER

TULARE COUNTY

Clyde R. Churchill

Phone (209) 733-6391



Main & Woodland Dr.  
Visalia, Calif. 93291

1981

RICHARD E. ROMINGER, DIRECTOR  
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE HONORABLE BOARD OF SUPERVISORS  
COUNTY OF TULARE

Raymond J. Muller, Chairman  
Lori Mangine  
John R. Conway  
Clyde R. Gould  
LeRoy Swiney

John Mc Clure  
Acting County Executive Officer

Gentlemen:

In accordance with the provisions of Section 2779 of the California Agricultural Code. I am pleased to submit the Annual Agricultural Crop Report of the acreage, production and valuation of the agricultural commodities produced in Tulare County during the calendar year 1981.

This report is the result of information gathered from many sources, and as always, it must be emphasized that the figures are gross returns to the producer and do not indicate actual net profit.

I wish to express my sincere appreciation to all the producers, processors and agencies, both private and governmental, who assisted in compiling this report. I would also like to thank all the members of my staff, without whose input, the publication of this report would be impossible.

Respectfully submitted,

*Clyde R. Churchill*

Clyde R. Churchill  
Agricultural Commissioner

CRC:mak

TULARE COUNTY AGRICULTURAL COMMISSIONER  
1981, OUR CENTENNIAL YEAR

On March 14, 1881 the State Legislature passed an act to protect and promote the Horticulture interests of California. This act also gave the counties the right to establish Horticultural Boards.

In 1883 a further act was passed to create and establish a State Board of Horticulture and both the State and County boards were appointed as quarantine guardians.

On March 3, 1884 the first Horticultural Commissioner's of Tulare County were appointed. The three gentlemen chosen as the Board were I. W. Wright, F. T. Briggs and E. Sanborn.

They were compensated at \$5.00 per day each, for each day necessarily engaged in the performance of their duties. The total amount expended in such business not to exceed the sum of \$500.00 in any one year.

Their duties were to prevent the introduction of pests or diseases of plants and to "extirpate" any such found in their respective districts.

In the next few years, various persons served on the three member board. They were allowed to hire part time inspectors to help carry out the duties of their office.

The Horticulture Board's duties remained one of detecting, quarantining, and controlling or eradicating, if possible, pests including primary noxious weeds.

In the early 1900's the control of rodents damaging crops or carrying diseases was added to the list of duties and a bee inspection program to control diseases in apiaries was also added.

Late in 1909 the Board of Horticulture Commissioners were disbanded and A. G. Schulz was appointed as Commissioner of Horticulture for Tulare County.

He was allowed to appoint Deputy Commissioners, District Inspectors and office staff to serve at his pleasure.

At this time in history more rules and regulations were being added to help California's budding agricultural industry to become number one in the nation.

Charles F. Collins was appointed Horticultural Commissioner in 1914 and in 1917 duties were added to the office pertaining to the maturity and packing of fresh fruits and the marking of containers offered for sale.

Mr. Collins resigned in 1922 and Frank R. Brann was appointed to fill the vacancy.

Agriculture in the valley continued to grow, as well as the size of the Commissioner's staff and in 1924 during the outbreak of Hoof and Mouth disease, the Horticulture staff were deputized under Sheriff Hill. They were immediately pressed into service and proceeded to work night and day to enforce quarantines, under Federal-State supervision, to prevent the spread of the disease throughout the county.

Frank Brann died in office in 1929 and Oscar L. Hemphill was appointed to the position.

Early in Mr. Hemphill's first term in office, the title of County Agricultural Commissioner was adopted.

Mr. Hemphill retired in 1956 after having served twenty seven years in office. During his tenure he was to oversee such things as eradication of rodent plagues, epidemics of grasshoppers and several other pests and weather related catastrophies to agriculture.

Elvin O. Mankins was appointed Commissioner in 1956 and in addition to facing the same problems as his predecessors, saw a boom in planting of citrus, grapes, walnuts, etc.

The present Commissioner, Clyde R. Churchill was appointed in 1973 and inherited a job that was to include new and stricter pesticide laws and regulations, tighter budgeting, requiring close scrutiny of all programs, and more recently the Mediterranean Fruit Fly crisis, as well as all the other duties required of the position.

The past 100 years has been an era of tremendous growth, change and challenges for the agricultural commissioners system in California, but through it all they still maintain as their number one priority, to protect and promote the agricultural industry of the State of California.

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

Note: Special thanks to James Philip Hemphill, Deputy Agricultural Commissioner, retired, for the loan of his department history notes.



AGRICULTURAL COMMISSIONER  
Clyde R. Churchill

ASSISTANT AGRICULTURAL COMMISSIONER  
William R. Clark

DEPUTY AGRICULTURAL COMMISSIONER  
Roger E. Brown  
Ernest W. Crew  
Bernis E. Naylor

SUPERVISING INSPECTORS  
James B. Gilley                      George Simpson  
Roy S. Miyake                      Charles Lynn Thomas

DISTRICT INSPECTORS		
William Appleby	David Gould	Eugene Russell
Bobby Bonds	Albert Grimsley	Jack Sisson
William Bragg	Kenneth Hodson	Deogracias Tigulo
H. Edward Campbell	Aubrey Maze	Thomas Zikratch
Jimmy R. Campbell	Hector Prieto	
Greg Dunbar		

AGRICULTURAL INSPECTORS		
Michael Ames	Stephen Hamilton	Gabriella Nunez
Bob Chilton	Thomas LaMunyon	Loren Sansom
Steve Clay	Hank Michalk	John Schultz
Chris Francone	Gerald Miller	Steve Strong
Rafael Garcia, Jr.	Teresa Minter	Joe Villalovos
Bert Gayden	George Neves	Sherry Watkins
Dennis Haines		

OFFICE

SECRETARY II  
Melissa S. Kelly

SENIOR CLERK TYPIST  
Rosemarie Weber

INTERMEDIATE CLERK TYPIST  
Veronica Hernandez

WORD PROCESSOR I  
Ruth Markham

Reported by: Dennis Haines, Agricultural Inspector

Cover photograph through the courtesy of Mr. James Philip Hemphill, retired Deputy Agricultural Commissioner, showing the staff of the Agricultural Commissioner's office 60 years ago in Mooney's Grove.

TULARE COUNTY AGRICULTURAL ACREAGE STATISTICS

ORCHARD	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
<hr/>			
<u>CITRUS</u>			
Grapefruit	243	45	288
Lemons	4,854	80	4,934
Limes	14	X	14
Navels	54,552	1,488	56,040
Valencias	21,749	239	21,988
Tangerines	1,511	60	1,571
TOTAL	82,923	1,912	84,835
<hr/>			
<u>DECIDUOUS AND GRAPES</u>			
Almonds	8,618	2,371	10,989
Apples	118	91	209
Apricots	170	82	252
Avocados	1,546	315	1,861
Cherries	15	35	50
Figs	44	X	44
Grapes			
Table	22,968	4,219	27,187
Raisin	33,891	4,912	38,803
Wine	13,431	2,581	16,012
Kiwi	161	350	511
Nectarines	6,596	1,043	7,639
Olives	13,278	545	13,823
Peaches			
Cling	1,246	151	1,397
Freestone	3,362	589	3,951
Pears & Apple Pears	212	75	287
Pecans	29	519	548
Persimmons	291	123	414
Pistachio Nuts	938	1,122	2,060
Plums	12,103	2,332	14,435
Pomegranates	1,638	189	1,827
Prunes	4,136	893	5,029
Quince	73	38	111
Walnuts	24,978	1,710	26,688
TOTAL	149,842	24,285	174,127
<hr/>			
<hr/>			
Total Grapes	70,290	11,712	82,002
Total Orchard Crops	162,475	14,485	176,960
TOTAL	232,765	26,197	258,962

Above acreage computed through December 1981

## 1980 - 81 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Barley	1981	43,900	1.83	80,300	Ton	124.00	9,957,000
	1980	50,500	2.12	107,000	Ton	124.00	13,268,000
Beans - Dry	1981	11,500	1.14	13,100	Ton	539.00	7,061,000
	1980	11,600	0.90	10,400	Ton	510.00	5,304,000
Corn - Field	1981	18,000	2.85	51,300	Ton	126.00	6,464,000
	1980	16,800	3.16	53,100	Ton	134.00	7,115,000
Cotton - Lint <u>A/</u>	1981	167,540	1,045.00	354,000	Bale	62.00	109,647,000
	1980	176,680	845.00	302,000	Bale	84.00	* 126,676,000
Cotton Seed	1981	X	X	146,000	Ton	95.00	13,870,000
	1980	X	X	124,000	Ton	151.00	18,724,000
Hay - Alfalfa	1981	85,000	7.60	646,000	Ton	70.60	45,608,000
	1980	80,000	8.20	656,000	Ton	89.80	58,909,000
Grain	1981	4,400	2.13	9,370	Ton	58.30	546,000
	1980	5,500	2.34	12,900	Ton	55.20	712,000
Pasture & Range Irrigated	1981	17,000	X	X	Acre	130.00	2,210,000
	1980	17,000	X	X	Acre	130.00	2,210,000
Native	1981	900,000	X	X	Acre	10.00	9,000,000
	1980	900,000	X	X	Acre	9.00	8,100,000
Other	1981	3,000	X	X	Acre	15.00	45,000
	1980	3,500	X	X	Acre	15.00	52,500
Rice	1981	2,120	2.55	5,410	Ton	180.00	974,000
	1980	5,280	2.35	12,400	Ton	230.00	2,852,000
Silage	1981	46,070	18.01	830,000	Ton	16.00	13,280,000
	1980	47,300	17.06	807,000	Ton	20.30	16,382,000
Sorghum Grain	1981	16,800	2.01	33,800	Ton	110.00	3,718,000
	1980	17,340	2.30	39,900	Ton	126.00	5,027,000
Straw	1981	X	X	10,100	Ton	25.00	252,000
	1980	X	X	13,000	Ton	28.00	364,000
Sugar Beets	1981	6,875	32.47	223,000	Ton	27.52	6,137,000
	1980	7,444	31.30	233,000	Ton	45.25	10,543,000

\* Revised

1980 - 81 FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Wheat	1981	67,600	2.27	153,500	Ton	131.00	20,108,000
	1980	70,200	2.80	197,000	Ton	131.00	25,807,000
Miscellaneous	1981	292	X	X	X	X	133,000
	1980	359	X	X	X	X	162,000
<hr/>							
TOTAL	1981	1,390,097					249,010,000
	1980	1,409,503					* 302,207,500

A/ Yield per acre in pounds lint, production total in 495 lbs. net weight bales,  
Unit value in dollars per lint hundredweight.

\* Revised

1980 - 81 SEED CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Barley-Registered or Certified	1981	1,596	1.72	2,745	Ton	140.00	384,000
	1980	165	1.89	312	Ton	127.00	39,600
Cotton-Registered <u>A/</u>	1981	2,728	X	805	Ton	105.90	132,000 <u>B/</u>
	1980	3,435	X	1,670	Ton	157.70	322,000 <u>B/</u>
Vegetables for Seed	1981	194	X	X	X	X	620,000
	1980	357	X	X	X	X	635,000
Wheat-Registered or Certified	1981	6,285	2.60	16,300	Ton	135.00	2,200,000
	1980	3,444	2.57	8,850	Ton	134.00	1,186,000
Miscellaneous	1981	882	X	X	X	X	348,000
	1980	150	X	X	X	X	54,000
<hr/>							
TOTAL	1981	8,957					3,684,000
	1980	4,116					2,236,600

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

B/ Includes \$17.00 Per acre approval.

1980 - 81 VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Cucumbers - Fresh	1981	381	20.30	7,730	Ton	293.00	2,265,000
	1980	532	20.00	10,600	Ton	288.00	3,053,000
Peppers - Bell	1981	210	8.80	1,850	Ton	328.00	607,000
	1980	150	8.25	1,240	Ton	310.00	384,000
Chili	1981	395	12.30	4,860	Ton	271.00	1,317,000
	1980	450	12.00	5,400	Ton	179.00	967,000
Pimento	1981	160	10.70	1,710	Ton	199.00	340,000
	1980	120	10.00	1,200	Ton	188.00	226,000
Tomatoes - Fresh	1981	1,440	25.80	37,200	Ton	415.00	15,438,000
	1980	1,640	22.80	37,400	Ton	551.00	20,607,000
Processed	1981	100	28.0	2,800	Ton	50.80	142,000
	1980	410	31.5	12,900	Ton	47.70	615,000
Miscellaneous	1981	4,108	X	X	X	X	11,989,000
	1980	5,809	X	X	X	X	11,212,000
<hr/>							
Total	1981	6,794					32,098,000
	1980	9,111					37,064,000

## 1980 - 81 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Almonds - Meats	1981	8,618	.68	5,860	Ton	1,570.00	9,200,000
	1980	8,504	.61	5,190	Ton	3,000.00	15,570,000
Hulls	1981	X	X	16,900	Ton	52.50	887,000
	1980	X	X	15,000	Ton	72.00	1,080,000
Apricots	1981	170	5.36	911	Ton	600.00	547,000
	1980	164	4.61	756	Ton	634.00	479,000
Avocados	1981	1,546	4.03	6,230	Ton	480.00	2,990,000
	1980	1,421	1.78	2,530	Ton	580.00	1,467,000
Grapes - Total	1981	70,290	X	X	X	X	257,198,000
	1980	69,823	X	X	X	X	259,641,000
Raisin Varieties	1981	33,891	6.10	X	X	X	X
	1980	32,190	10.10	X	X	X	X
Canned	1981	X	X	13,600	Ton	225.00	3,060,000
	1980	X	X	22,000	Ton	228.00	5,016,000
Crushed	1981	X	X	46,800	Ton	210.00	9,828,000
	1980	X	X	70,100	Ton	150.00	10,515,000
Dried	1981	X	X	13,000	Ton	1,300.00	16,900,000
	1980	X	X	18,400	Ton	1,200.00	22,080,000
Fresh	1981	X	X	64,900	Ton	919.00	59,643,000
	1980	X	X	125,000	Ton	809.00	101,125,000
Juice	1981	X	X	13,600	Ton	368.00	5,005,000
	1980	X	X	11,800	Ton	303.00	3,575,000
Table Varieties	1981	22,968	7.54	X	X	X	X
	1980	22,474	7.52	X	X	X	X
Crushed	1981	X	X	37,200	Ton	168.00	6,250,000
	1980	X	X	48,900	Ton	120.00	5,868,000
Fresh	1981	X	X	136,000	Ton	932.00	126,752,000
	1980	X	X	120,000	Ton	738.00	88,560,000
Wine Varieties	1981	13,431	9.48	X	X	X	X
	1980	15,159	8.88	X	X	X	X
Crushed	1981	X	X	116,000	Ton	221.00	25,636,000
	1980	X	X	120,800	Ton	156.00	18,845,000
Juice	1981	X	X	11,300	Ton	365.00	4,124,000
	1980	X	X	13,800	Ton	294.00	4,057,000

1980 - 81 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Grapefruit - Fresh	1981	243	11.90	2,890	Ton	227.00	656,000
	1980	207	10.50	2,170	Ton	252.00	547,000
Kiwi <u>A/</u>	1981	161	9.10	1,465	Ton	2,600.00	3,809,000
	1980	73	9.26	676	Ton	2,880.00	1,947,000
Lemons - Fresh	1981	4,854	16.15	29,800	Ton	338.00	10,072,000
	1980	4,709	12.72	29,600	Ton	382.00	11,307,000
Processed	1981	X	X	48,600	Ton	56.00	2,722,000
	1980	X	X	30,300	Ton	103.00	3,121,000
Nectarines - Fresh	1981	6,596	10.46	69,000	Ton	469.00	32,361,000
	1980	5,985	10.65	63,700	Ton	509.00	32,423,000
Olives - Canned	1981	13,278	1.45	17,000	Ton	650.00	11,050,000
	1980	13,259	3.73	34,900	Ton	425.00	14,832,000
Oil	1981	X	X	405	Ton	575.00	233,000
	1980	X	X	2,400	Ton	125.00	300,000
Other <u>B/</u>	1981	X	X	1,830	X	275.00	503,000
	1980	X	X	12,200	X	182.00	2,220,000
Oranges - Navel <u>A/</u>	1981	54,552	14.21	492,000	Ton	276.00	135,792,000
	1980	54,350	12.90	444,000	Ton	267.00	118,548,000
Processed	1981	X	X	283,000	Ton	24.00	6,792,000
	1980	X	X	257,000	Ton	28.00	7,196,000
Valencia <u>A/</u>	1981	21,749	15.86	190,000	Ton	355.00	67,450,000
	1980	21,734	14.77	211,000	Ton	275.00	58,025,000
Processed	1981	X	X	155,000	Ton	74.70	11,578,000
	1980	X	X	110,000	Ton	55.00	6,050,000
Peaches - Cling	1981	1,246	12.10	15,100	Ton	171.00	2,582,000
	1980	1,306	14.90	19,500	Ton	188.00	3,666,000
Processed	1981	1,246	12.10	15,100	Ton	171.00	2,582,000
	1980	1,306	14.90	19,500	Ton	188.00	3,666,000
Freestone - Fresh	1981	3,362	8.93	30,000	Ton	449.00	13,470,000
	1980	3,030	11.77	35,700	Ton	524.00	18,707,000
Pears & Apple Pears	1981	212	3.41	723	Ton	959.00	693,000
	1980	215	4.60	989	Ton	619.00	612,000
Persimmons	1981	291	6.53	1,900	Ton	693.00	1,317,000
	1980	286	8.99	2,570	Ton	697.00	1,791,000
Pistachio Nuts (Dry Wt.)	1981	938	720.00	675,000	Lbs.	1.52	1,026,000
	1980	883	1,350.00	1,192,000	Lbs.	2.36	2,813,000



## 1980 - 81 FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Per Acre	Production		Value	
				Total	Unit	Per Unit	Total
Plums - Fresh	1981	12,103	5.37	65,000	Ton	575.00	37,375,000
	1980	11,213	7.20	80,700	Ton	672.00	54,230,000
Pomegranates	1981	1,638	3.12	5,110	Ton	443.00	2,264,000
	1980	1,519	4.27	6,490	Ton	377.00	2,447,000
Prunes - Processed	1981	4,136	2.68	11,100	Ton	680.00	7,548,000
	1980	4,071	2.60	10,600	Ton	700.00	7,420,000
Tangerines <u>C/</u>	1981	1,511	8.85	13,400	Ton	317.00	4,248,000
	1980	1,521	6.52	9,920	Ton	378.00	3,750,000
Walnuts	1981	24,978	1.46	36,500	Ton	1,006.00	36,719,000
	1980	24,314	1.25	30,400	Ton	966.00	29,366,000
Miscellaneous <u>D/</u>	1981	339	X	X	X	X	879,000
	1980	444	X	X	X	X	1,646,000
Total	1981	232,811					661,961,000
	1980	229,031					661,201,000

A/ Includes production from young orchards officially classified as non-bearing.

B/ Includes halves, chopped, sliced, fresh and spanish green.

C/ Includes Tangelos and Tangors.

D/ Includes Apples, Bushberries, Cherries, Figs, Limes, Pecans, Processed Nectarines, Processed Apricots, Processed Peaches, Processed Plums, Quince and Strawberries.

## 1980 - 81 NURSERY PRODUCTS: SALES AND VALUE

Item	Year	Quantity Sold	Unit	Per Unit	Total
Citrus and Subtropical	1981	53,850	Each	5.26	283,000
	1980	66,350	Each	4.30	285,000
Deciduous Fruit and Nut Trees	1981	930,400	Each	3.85	3,582,000
	1980	1,034,900	Each	4.50	4,657,000
Grape & Berry Vines	1981	9,068	M	363.00	3,292,000
	1980	8,347	M	335.00	* 2,796,000
Herbaceous Ornamentals & Cut Flowers	1981	X	X	X	133,000
	1980	X	X	X	182,000
Vegetables and Flower Plants in Flats	1981	75,000	Flats	6.70	502,000
	1980	98,000	Flats	6.84	670,000
Ornamental Trees & Shrubs	1981	891,400	Each	3.90	3,476,000
	1980	1,125,000	Each	3.62	4,072,000
Miscellaneous	1981	X	X	X	219,000
	1980	X	X	X	119,000
Total	1981				11,487,000
	1980				* 12,781,000

\* Revised

1980 - 81 LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	Total Liveweight	Unit	Value	
					Per Unit	Total
Cattle & Calves	1981	138,700	X	Head	447.00	61,999,000
	1980	157,600	X	Head	471.00	74,230,000
Lambs	1981	1,480	140,600	Lb.	.563	79,200
	1980	1,370	109,600	Lb.	.655	71,800
Hogs & Pigs	1981	76,500	X	Head	92.46	7,073,000
	1980	74,000	X	Head	94.60	7,000,000
Broilers & Fryers	1981	4,198,000	19,049,000	Lb.	.340	6,477,000
	1980	2,796,000	12,023,000	Lb.	.331	3,980,000
Other Chickens	1981	63,300	X	Each	.194	12,300
	1980	40,850	X	Each	.356	14,500
Pullets	1981	381,000	X	Each	2.95	1,124,000
	1980	435,000	X	Each	2.90	1,262,000
Turkeys	1981	819,900	16,464,000	Lb.	.405	6,668,000
	1980	1,099,000	20,112,000	Lb.	.437	8,789,000
Miscellaneous	1981	X	X	X	X	1,872,000
	1980	X	X	X	X	2,063,000
Total						85,304,500
						97,410,300

## 1980 - 81 LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value	
				Per Unit	Total
Milk - Market	1981	18,471,000	Cwt.	13.33	246,218,000
	1980	17,071,000	Cwt.	12.72	* 217,143,000
Manufacturing	1981	146,000	Cwt.	12.55	1,832,000
	1980	184,000	Cwt.	11.85	* 2,180,000
Eggs-Chicken-Market	1981	1,355,000	Doz.	.626	848,000
	1980	1,262,000	Doz.	.512	646,000
Miscellaneous	1981	X	X	X	2,491,000
	1980	X	X	X	3,751,000
<hr/>					
Total	1981				251,389,000
	1980				* 223,720,000

## 1980 - 81 APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Value	
				Per Unit	Total
Honey - Orange <u>A/</u>	1981	80,100	Lb.	.52	41,700
	1980	4,266,000	Lb.	.51	2,176,000
Other	1981	1,187,000	Lb.	.50	594,000
	1980	1,717,000	Lb.	.49	841,000
Beeswax	1981	74,300	Lb.	1.96	146,000
	1980	190,600	Lb.	2.00	381,000
Pollination <u>B/</u>	1981	31,800	Colony	21.30	677,000
	1980	31,800	Colony	17.00	541,000
<hr/>					
Total	1981				1,458,700
	1980				3,939,000

A/ From bee colonies registered in Tulare County during 1980 citrus bloom period.

B/ Estimated number of colonies required for adequate pollination.

\* Revised

1980 - 81 FOREST PRODUCTS: PRODUCTION & VALUE

Item	Reporting Year	Production	Unit	Value	
				Per Unit	Total
Timber Harvested	A/1981 1980	53,641,000 X	Board Ft. X	0.90 X	4,846,000 X

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

SUMMARY

<u>COMMODITY</u>	<u>YEAR</u>	<u>HARVESTED ACREAGE</u>	<u>VALUE</u>
FIELD CROPS	1981	1,390,097	249,010,000
	1980	1,409,503	* 302,207,500
SEED CROPS	1981	8,957	3,684,000
	1980	4,116	2,236,600
VEGETABLE CROPS	1981	6,794	32,098,000
	1980	9,111	37,064,000
FRUIT AND NUT CROPS	1981	232,811	661,961,000
	1980	229,031	661,201,000
NURSERY PRODUCTS	1981	X	11,487,000
	1980	X	* 12,781,000
LIVESTOCK AND POULTRY	1981	X	85,304,500
	1980	X	97,410,300
LIVESTOCK AND FOULTRY PRODUCTS	1981	X	251,389,000
	1980	X	* 223,720,000
APIARY PRODUCTS	1981	X	1,458,700
	1980	X	3,939,000
<hr/>			
AGRICULTURAL TOTAL	1981	1,638,659	1,296,392,200
	1980	1,651,761	* 1,340,559,400
FOREST PRODUCTS	1981	X	4,846,000
	1980	X	X
<hr/>			
GRAND TOTAL	1981	X	1,301,238,200
	1980	X	1,340,559,400
<hr/>			

\* Revised

## 1981 MILLION DOLLAR PRODUCTS

1981 Ranking1980 Ranking

1. Grapes	\$257,198,000	1
2. Milk	248,050,000	2
3. Oranges - Navel & Valencia	221,612,000	3
4. Cotton - Lint & Seed	123,649,000	4
5. Cattle & Calves	61,999,000	5
6. Alfalfa Hay	45,608,000	6
7. Plums	37,375,000	7
8. Walnuts	36,719,000	9
9. Nectarines	32,361,000	8
10. Wheat	20,108,000	10
11. Peaches - Freestone & Cling	16,052,000	11
12. Tomatoes - Fresh & Processed	15,580,000	12
13. Silage	13,280,000	14
14. Lemons	12,794,000	16
15. Olives	11,786,000	13
16. Pasture & Range	11,255,000	19
17. Almonds	10,087,000	15
18. Barley	9,957,000	17
19. Prunes	7,548,000	21
20. Hogs & Pigs	7,073,000	23
21. Beans - Dry	7,061,000	24
22. Turkeys	6,668,000	20
23. Broilers & Fryers	6,477,000	28
24. Corn - Field	6,464,000	22
25. Sugar Beets	6,137,000	18
26. Forest Products	4,846,000	**
27. Tangerines	4,248,000	29
28. Kiwi	3,809,000	36
29. Sorghum Grain	3,718,000	25
30. Nursery - Deciduous Fruit & Nut Trees	3,582,000	26
31. Nursery - Ornamental Trees & Shrubs	3,476,000	27
32. Nursery - Grape & Berry Vines	3,292,000	34
33. Avocados	2,990,000	38
34. Cucumbers - Fresh	2,265,000	30
35. Pomegranates	2,264,000	35
36. Seed - Wheat Certified or Registered	2,200,000	40
37. Persimmons	1,317,000	37
38. Peppers - Chili	1,317,000	**
39. Pullets	1,124,000	39
40. Pistachio Nuts	1,026,000	33

\*\* Reported at less than one million dollars in 1980.

TWENTY YEARS COMPARISON OF AGRICULTURAL INCOME IN TULARE COUNTY

1961 - 1981

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	-----	770,428,000
1978	-----	900,861,700
1979	-----	1,239,814,400
1980	-----	* 1,340,559,400
1981	-----	1,301,238,200

\* Revised



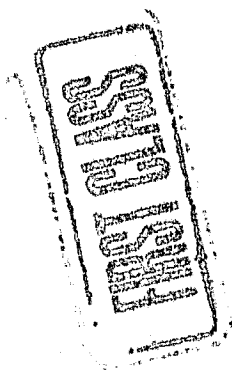
TWENTY YEARS COMPARISON OF AGRICULTURAL INCOME IN TULARE COUNTY

1961 - 1981

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	-----	770,428,000
1978	-----	900,861,700
1979	-----	1,239,814,400
1980	-----	* 1,340,559,400
1981	-----	1,301,238,200

\* Revised

CLYDE R. CHURCHILL  
AGRICULTURAL COMMISSIONER  
AGRICULTURAL BLDG  
COUNTY CIVIC CENTER  
VISALIA, CALIF. 93277



GOVT DOCUMENTS DEPT  
UNIVERSITY OF CALIF LIB.  
DAVIS CA 95616