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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Kings County

1985-1989



**AGRICULTURAL CROP REPORT**

KINGS COUNTY, CALIFORNIA, 1985

KINGS COUNTY  
DEPARTMENT OF AGRICULTURE

\*\* PERSONNEL \*\*

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

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Denise Dossey              Lynda Schrumpf

CLERICAL

Diane O'Daniel              Arlene Elsome              Sally Navarro

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CROP REPORT COVER: Cotton - Kings County's top crop.  
(See enclosed story)

(Photo courtesy of Salyer American)



# KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS  
AND MEASURES

P. O. BOX C - 280 CAMPUS DRIVE

HANFORD, CALIFORNIA 93230

(209) 582-3211

April 1, 1986

Mr. Clare Berryhill, Director  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Kings

Gentlemen:

It is my pleasure to submit this 1985 Agricultural Crop Report, which was compiled in accordance with Section 2279 of The California Food and Agricultural Code.

The gross value of agricultural crops and products in Kings County during the calendar year 1985, was \$552,466,000., a decrease of over \$17,000,000. (3.1%) from 1984.

The majority of crops reflected declining values, due to lower prices received for the commodities.

However, vegetable and seed crops and market milk increased in values, due to increased acreage and/or production.

Cotton, Kings County's leading crop continues to maintain its lead with a value of over 202 million dollars, including seed.

All figures in this report are gross returns and do not indicate net profit received by growers.

This report could not have been possible without the many individuals and organizations who contributed their time and information. A special thanks is expressed to Buzz Felleke and Denise Dossey of my staff, who compiled the report.

Respectfully submitted,

M. Hugh Handley  
Agricultural Commissioner  
Sealer of Weights and Measures

MHH:dod

## COTTON

Cotton is the most important textile material in the world. Although not as well known, the cotton plant produces a greater quantity of food for man and feed for livestock than it does of the fiber that bears its name. Cotton has been grown for its fiber for several thousand years. Its cultivation and manufacture into cloth developed independently in both the Eastern and Western hemispheres. The oldest records of cotton textiles was found in Pakistan dating back about 5,000 years and in Peru some cotton cloth had been found to be as old as 4,500 - 7,000 years. Cotton fabrics have also been found in the remains of some of the ancient civilization of Egypt and in the ruins of the Indian Pueblos of Southwestern United States, dating back hundreds of years before Christ.

Cotton is woven into the pattern of American history as is no other fiber. It was recorded that the settlers in Virginia planted their first garden in 1607. In the late 17th. Century, Virginians were cultivating enough for their own use and exporting to other colonies. The American Revolution brought a marked change. It lifted many burdensome governmental restrictions from both agriculture and industry and gave each individual the opportunity to develop to the extent of his initiative and ability. The two important events that changed the industry was one in 1790 when Samuel Slater established the first successful textile mill in the United States at Pawtucket, Rhode Island. The other was the invention of the cotton gin by Eli Whitney in 1793 on the General Nathaniel Green Plantation near Savannah, Georgia. The 19th. Century was marked by steady expansion of American cotton production from a limited area along the Atlantic Coast, moved westward to the Mississippi River and to the western states and now 30% of the cotton is produced by the three western states.

Cotton is believed to have been successfully grown in Kings County as early as 1909. The first cotton planted in Kings was of the Durango variety. J.H. Whitley of the Security Land and Loan Company, founder of the City of Corcoran, sent some cotton seed to Kings grower, D.W. Lewis and J.A. Firebaugh, these gentlemen are credited with growing a few plants near Corcoran. Due to the lack of gins in the county, production of cotton was restricted, but in 1919 J.G. Boswell built the first cotton gin in Corcoran. That caused the cotton acreage to increase in the county. Today Kings County has one of the most modern cotton gins in the world and the acreage has increased to 267,112 in 1985.

The world faces an increasing need for food-grade protein. American's cotton industry is moving to help meet this new challenge. Recently developed varieties of glandless cotton are a promising new source of high-quality protein. Research is continuing in this and other areas to assure that - cotton - one of America's earliest crops - helps the nation in meeting the challenges of tomorrow. One of the challenges for Kings County growers is the high cost of growing cotton and a very high competitive foreign market. The future picture of cotton might change due to this challenge that is facing Kings County growers.

ANNUAL CROP REPORT  
FOR YEAR 1985

\*\*\*\*\*

KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

\*\*\*\*\*

KINGS COUNTY  
BOARD OF SUPERVISORS

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COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

\*\*\*\*\*

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KINGS COUNTY  
 DEPARTMENT OF AGRICULTURE  
 280 CAMPUS DRIVE  
 HANFORD, CALIFORNIA 93230

FIELD CROPS

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Barley	1985	25,039	1.92	48,075	Ton	\$ 101.00	\$ 4,856,000
	1984	18,621	1.75	32,587	Ton	128.00	4,171,000
Corn	1985	13,998	4.16	58,232	Ton	118.00	6,871,000
	1984	13,090	4.43	57,989	Ton	122.00	7,075,000
Cotton Lint	1985	267,112	2.18	582,305	495-lb. Bale	304.00	177,021,000
	1984	267,292	2.00	534,584		351.00	187,639,000
Cotton Seed	1985			240,201	Ton	105.00	25,221,000
	1984			220,515	Ton	117.00	25,800,000
Cotton Planting Seed	1985			2,674	Ton	165.00	417,000
	1984			2,901	Ton	145.00	421,000
Hay Alfalfa	1985	25,461	8.53	217,182	Ton	74.00	16,071,000
	1984	26,006	7.96	207,007	Ton	80.00	16,561,000
Grain	1985	660	5.00	3,300	Ton	60.00	198,000
	1984	565	4.00	2,260	Ton	65.00	147,000
Pasture Irrigated	1985	12,000			Acre	105.00	1,260,000
	1984	13,000			Acre	108.00	1,404,000
Range	1985	170,000				2.00	340,000
	1984	223,000				2.00	446,000
Other	1985	45,000			Acre	17.00	765,000
	1984	48,000				18.00	864,000
Safflower	1985	11,723	1.25	14,654	Ton	250.00	3,664,000
	1984	21,865	0.93	20,334	Ton	275.00	5,592,000



Screenings	1985			1,764	Ton	\$ 42.00	\$ 74,000
	1984			2,537	Ton	43.00	109,000
Silage Corn	1985	13,998	18.42	257,843	Ton	16.00	4,125,000
	1984	9,981	21.00	209,601	Ton	15.00	3,144,000
Other	1985	1,132	20.00	22,640	Ton	15.00	340,000
	1984	860	16.00	13,760	Ton	14.00	193,000
Sorghum Grain	1985	2,100	2.13	4,473	Ton	110.00	492,000
	1984	1,846	2.48	4,578	Ton	113.00	517,000
Dry Beans	1985	653	1.28	836	Ton	405.00	339,000
	1984	1,946	1.02	1,985	Ton	576.00	1,143,000
Sugar Beets	1985	1,107	24.60	27,232	Ton	33.00	899,000
	1984	1,622	23.76	38,539	Ton	33.00	1,272,000
Wheat	1985	57,206	3.15	180,198	Ton	106.00	19,102,000
	1984	51,962	3.14	163,161	Ton	123.00	20,069,000
<hr/>							
TOTAL	1985	647,189					\$262,055,000
	1984	700,927					\$277,163,000
<hr/>							

KINGS COUNTY  
DEPARTMENT OF AGRICULTURE  
280 CAMPUS DRIVE  
HANFORD, CALIFORNIA 93230

FIELD CROPS - Cont'd

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M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	UTILIZATION	ACREAGE		PRODUCTION		VALUE	
			BEARING	NON BEARING	PER ACRE	TOTAL TONS	PER TON	TOTAL
Almonds	1985	Dried	3,676	76	.59	2,169	\$ 1,180.00	\$ 2,559,000
	1984	Dried	3,872	116	.94	3,640	1,700.00	6,188,000
Almonds - Hulls	1985					1,150	65.00	75,000
	1984					1,930	65.00	125,000
Apricots	1985	Fresh				900	744.00	670,000
		Proc.				402	210.00	84,000
		Total	230	30	5.66	1,302		754,000
	1984	Fresh				1,250	773.00	966,000
		Proc.				600	258.00	155,000
		Total	236	47	7.84	1,850		1,121,000
Grapes Raisin Varieties	1985	Fresh				834	594.00	495,000
		Dried				3,057	710.00	2,170,000
		Crushed				12,341	86.00	1,061,000
		Cannery				744	180.00	134,000
		Total	2,281	81		16,976		3,726,000
Grapes Raisin Varieties	1984	Fresh				836	522.00	436,000
		Dried				3,064	845.00	2,589,000
		Crushed				13,110	115.00	1,508,000
		Total	2,379	82		17,010		4,533,000
Wine Varieties	1985	Crushed	1,117	301	11.90	13,292	74.00	984,000
	1984	Crushed	1,117	301	8.75	9,774	100.00	977,000
Table Varieties	1985	Fresh	122	83	9.07	1,107	608.00	673,000
	1984	Fresh	122	83	10.80	1,318	866.00	1,141,000
Total - All Grapes	1985		3,520	465				5,377,000
	1984		3,618	466				6,651,000
Kiwi	1985	Fresh	197	131	5.52	1,087	1,866.00	2,028,000
	1984	Fresh	178	101	5.47	974	2,264.00	2,205,000
Nectarines	1985	Fresh	1,285	258	4.60	5,911	751.00	4,439,000
	1984	Fresh	1,187	271	7.87	9,342	378.00	3,531,000

Olives	1985		1,142	0	4.10	4,682	\$ 591.00	\$ 2,767,000
	1984		1,146	0	4.06	4,653	533.00	2,480,000
Peaches Clingstone	1985	Processed	1,353	175	17.90	24,218	180.00	4,359,000
	1984	Processed	1,293	160	20.00	25,860	182.00	4,707,000
Freestone	1985	Fresh Proc. Total	1,428	430	5.78	8,253	536.00	4,423,000
	1984	Fresh Processed Total	1,378	404	9.40	12,953	357.00	4,624,000
Total - All Peaches	1985		2,781	605		37,171		8,783,000
	1984		2,671	564		38,813		9,331,000
Pistachios	1985	Dried	2,874	2,359	.49	1,408	3,232.00	4,551,000
	1984	Dried	2,674	1,326	1.15	3,075	2,300.00	7,073,000
Plums	1985	Fresh	1,686	395	5.14	8,666	500.00	4,333,000
	1984	Fresh	1,486	504	5.70	8,470	336.00	2,846,000
Pomegranates	1985	Fresh	154		7.61	1,172	360.00	422,000
	1984	Fresh	189	10	4.85	917	404.00	370,000
Walnuts	1985	Dried	5,082	835	1.62	8,233	683.00	5,623,000
	1984	Dried	5,016	882	1.66	8,326	747.00	6,220,000
Miscellaneous <u>a/</u>	1985		297	56				490,000
	1984		226	165				225,000
TOTAL	1985		24,277	5,385				46,070,000
	1984		22,499	4,452				48,366,000

a/ Pears, Pecans, Persimmons, Prunes, Quince

KINGS COUNTY  
DEPARTMENT OF AGRICULTURE  
280 CAMPUS DRIVE  
HANFORD, CALIFORNIA 93230

FRUIT AND NUTS CROPS - Cont'd.

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

KINGS COUNTY  
 DEPARTMENT OF AGRICULTURE  
 280 CAMPUS DRIVE  
 HANFORD, CALIFORNIA 93230

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 VEGETABLE CROPS

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	UTILIZATION	PRODUCTION		TOTAL	UNIT	VALUE	
			HARVESTED PER ACREAGE	PER ACRE			PER UNIT	TOTAL
Cantaloupes	1985	Fresh	1,434	571.00	818,814	40 lb. Crate	\$ 3.48	\$ 2,849,000
	1984	Fresh	1,158	442.00	511,835	40 lb. Crate	4.13	2,114,000
Lettuce	1985	Fresh	772	764.00	589,808	43 lb. Carton	5.57	3,285,000
	1984	Fresh	729	752.00	548,208	43 lb. Carton	5.60	3,070,000
Onions	1985	Processed	630	17.50	11,025	Ton	125.00	1,378,000
	1984	Processed	960	17.55	16,848	Ton	72.00	1,213,000
Tomatoes	1985	Processed	1,330	26.30	35,000	Ton	51.40	1,799,000
	1984	Processed	2,200	28.70	63,140	Ton	52.00	3,283,000
Tomatoes	1985	Fresh	2,149	19.17	41,196	Ton	146.00	6,015,000
	1984	Fresh	344	16.00	5,504	Ton	320.00	1,761,000
Watermelons	1985	Fresh	90	17.00	1,503	Ton	79.00	121,000
	1984	Fresh	184	21.00	3,864	Ton	77.00	289,000
Miscellaneous <u>a/</u>	1985		3,968					10,623,000
	1984		2,523					3,588,000
TOTAL	1985		10,373					26,070,000
	1984		8,098					\$15,327,000

a/ Asparagus, Bell Peppers, Casaba melons, Carrots, Chinese Cabbage (NAPA), Crenshaw melons, Cucumbers, Eggplant, Garbanzo Beans, Garlic, Onions, Persian melons, Potatoes, Radishes, Snap Beans, Squash, Sweek Corn, Strawberries.

SEED CROPS

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Certified Seed	1985	24,116	652	15,723,632	lb.	\$ 1.04	\$ 16,353,000
Alfalfa	1984	22,404	784	17,564,736	lb.	1.11	19,497,000
Barley	1985	1,313	5,520	7,247,760	lb.	0.09	652,000
	1984	911	6,578	5,992,558	lb.	0.07	419,000
Wheat	1985	14,172	7,340	104,022,480	lb.	0.08	8,842,000
	1984	7,762	5,954	46,214,948	lb.	0.08	3,697,000
Safflower	1985	589	2,540	1,496,060	lb.	0.65	972,000
Other Seed							
Lettuce	1985	152	563	85,576	lb.	4.10	351,000
	1984	305	365	111,325	lb.	3.62	403,000
Uncertified Alfalfa	1985	1,196	652	779,792	lb.	1.00	780,000
	1984	1,972	784	1,546,048	lb.	1.08	1,670,000
Miscellaneous <u>a/</u>	1985	293					251,000
	1984	478					417,000
TOTAL	1985	41,831					\$ 28,201,000
	1984	33,832					26,103,000

a/ Bell Peppers, Blackeye Beans, Chili Peppers, Eggplant, Flowers, Nursery-Misc. Products, Radishes and Watermelons

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

ITEM	January 1, 1985	January 1, 1986
Milk Cows 2 Years and Over	65,500	76,000
Cattle and Calves On Feed	5,000	4,000
Other Cattle and Calves	53,000	135,000
Total	123,500	215,000
Sheep and Lambs	17,500	11,000
Hogs and Pigs	400	350
Hens and Pullets	164,596	98,000

LIVESTOCK AND POULTRY

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

ITEM	YEAR	PRODUCTION		UNIT	PER UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVEWEIGHT			TOTAL	TOTAL
Cattle & Calves	1985	137,915	843,929	Cwt.	\$ 50.34	\$	42,483,000
	1984	153,220	906,621	Cwt.	\$ 64.40	\$	58,386,000
Sheep & Lambs	1985	16,000	17,600	Cwt.	70.00		1,232,000
	1984	21,088	22,142	Cwt.	65.00		1,439,000
Hogs & Pigs	1985	1,060	223,200	lb.	.48		112,000
	1984	1,160	247,892	lb.	.56		139,000
Turkeys	1985	1,282,233	29,619,582	lb.	.46		13,625,000
	1984	1,394,342	32,069,866	lb.	.44		14,111,000
Miscellaneous <u>a/</u>	1985						1,798,000
	1984						1,576,000
TOTAL	1985					\$	59,250,000
	1984						75,673,000

a/ Geese, Fryers, Chickens-Unspecified, Eggs-Chicken, and Fish - Catfish

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE	
					TOTAL	TOTAL
Milk Market	1985	10,597,000	Cwt.	\$ 12.00	\$	127,164,000
	1984	9,493,000	Cwt.	12.73		120,846,000
Manufacturing	1985	16,000	Cwt.	\$ 11.06		177,000
	1984	27,000	Cwt.	14.04		325,000
Wool	1985	116,000	lb.	.65		115,000
	1984	219,315	lb.	.90		197,000
TOTAL	1985				\$	127,456,000
	1984					121,368,000

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
Honey	1985	2,130,264		.60	\$ 1,278,000
	1984	6,000,080	lb.	.60	3,601,000
Beeswax	1985	88,761		1.00	89,000
	1984	100,018	lb.	1.15	115,000
Pollination	1985	88,761	Colonies	22.50	1,997,000
	1984	100,018	Colonies	20.00	2,000,000
TOTAL	1985				\$ 3,364,000
	1984				5,716,000

1985 CROP SUMMARY

Field Crops	\$ 262,055,000	Seed Crops	\$ 28,201,000
Fruit and Nut Crops	\$ 46,070,000	Vegetable Crops	\$ 26,070,000
Livestock and Poultry	\$ 59,250,000	Apiary Products	\$ 3,364,000
Livestock and Poultry Products	\$ 127,456,000		
GRAND TOTAL			\$ 552,466,000

KINGS COUNTY  
 DEPARTMENT OF AGRICULTURE  
 280 CAMPUS DRIVE  
 HANFORD, CALIFORNIA 93230

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

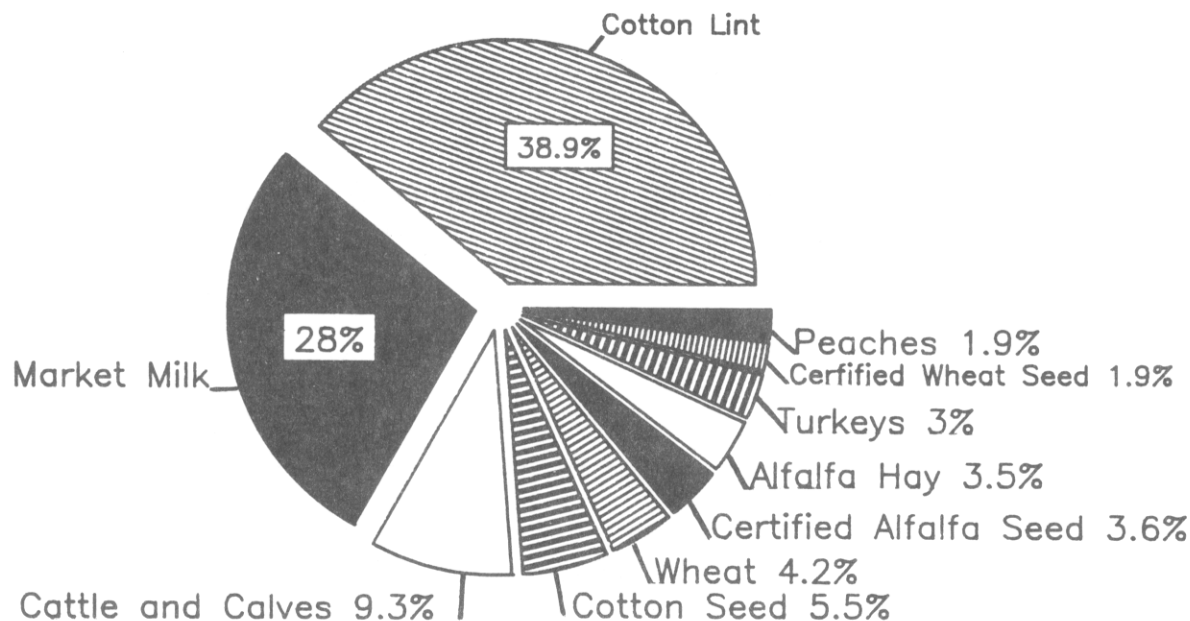
5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

	1981	1982	1983	1984	1985
Field Crops	\$341,677,342	\$314,372,000	\$228,929,000	\$277,163,000	\$262,055,000
Acreage	888,075	793,025	603,000	700,927	647,189
Fruit and Nut Crops	34,396,194	43,045,000	41,719,000**	48,366,000	46,070,000
Acreage	19,562	19,641	31,981**	22,499	24,277
Livestock and Poultry	63,191,475**	64,295,000	62,153,000	75,673,000	59,250,000
Livestock and Poultry Products	103,482,220**	110,033,000**	112,268,000	121,368,000	127,456,000
Seed Crops	32,423,350	35,388,000	18,095,000	26,103,000	28,201,000
Acreage	42,901	52,228	25,994	33,832	41,831
Vegetable Crops	18,769,000	17,022,000	24,074,000	15,327,000	26,070,000
Acreage	7,268	9,005	10,061	8,098	10,373
Apiary Products	4,257,112	6,167,000	4,572,000	5,716,000	3,364,000
<b>TOTALS</b>	<b>\$598,200,789</b>	<b>\$590,420,000**</b>	<b>\$491,860,000**</b>	<b>\$569,716,000</b>	<b>\$552,466,000</b>

\*\*Revised

TOP TEN CROPS OF KINGS COUNTY FOR 1985





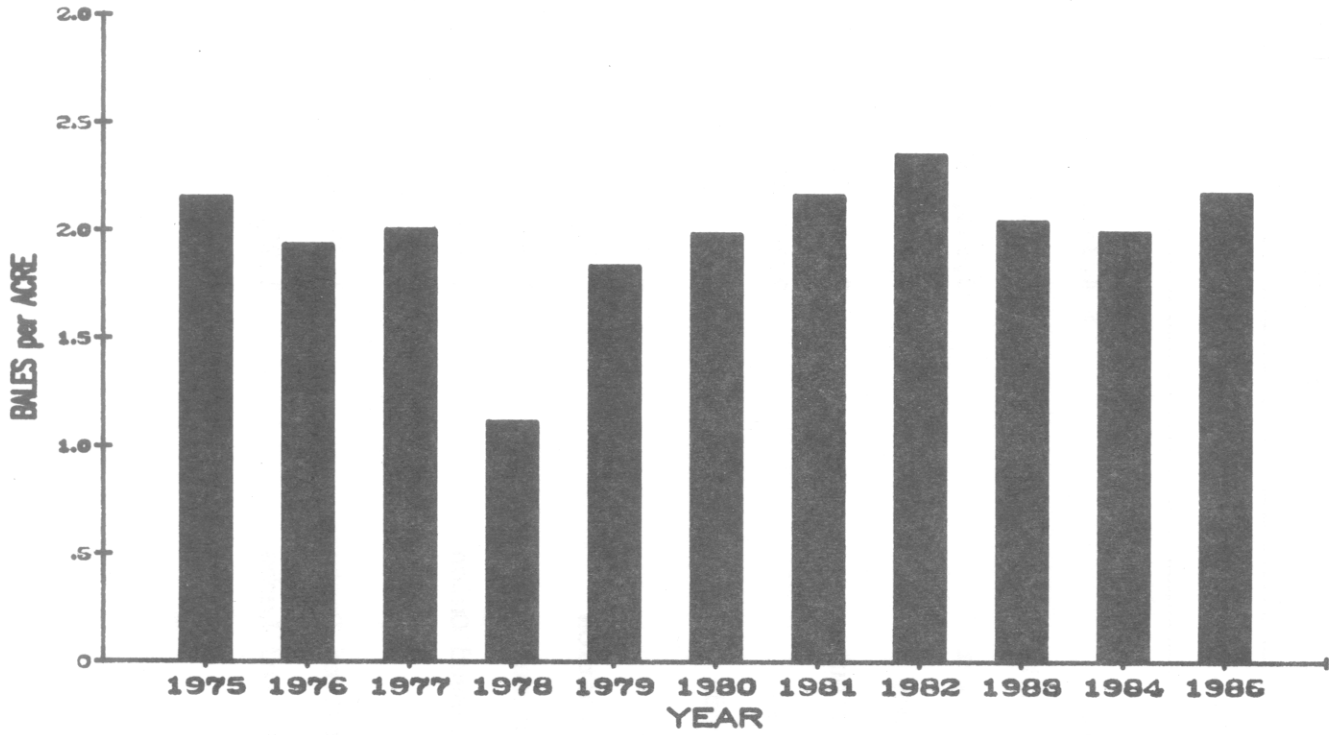
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MILLION DOLLAR CROPS - 1985

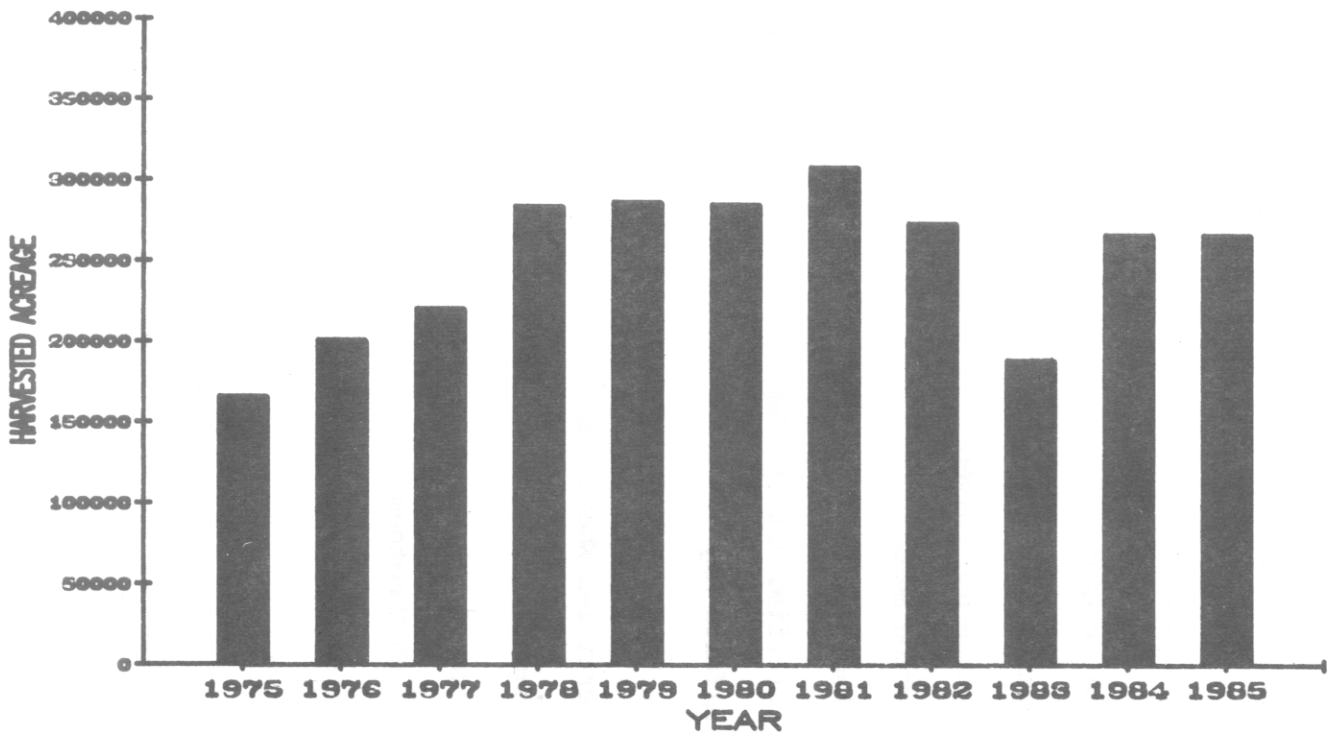
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Cotton Lint	\$ 177,021,000	Plums	\$ 4,333,000
Market Milk	127,164,000	Corn Silage	4,125,000
Cattle and Calves	42,483,000	Safflower	3,664,000
Cotton Seed	25,221,000	Lettuce	3,285,000
Wheat	19,102,000	Cantaloupe	2,849,000
Certified Alfalfa Seed	16,353,000	Olives	2,767,000
Alfalfa Hay	16,071,000	Almonds	2,559,000
Turkeys	13,625,000	Kiwi	2,028,000
Certified Wheat Seed	8,842,000	Pollination	1,997,000
Peaches	8,783,000	Processed Tomatoes	1,799,000
Corn	6,871,000	Processed Onion	1,378,000
Fresh Tomatoes	6,015,000	Honey	1,278,000
Walnuts	5,623,000	Irrigated Pasture	1,260,000
Grapes	5,377,000	Sheep and Lambs	1,232,000
Barley	4,856,000		
Pistachios	4,551,000		
Nectarines	4,349,000		

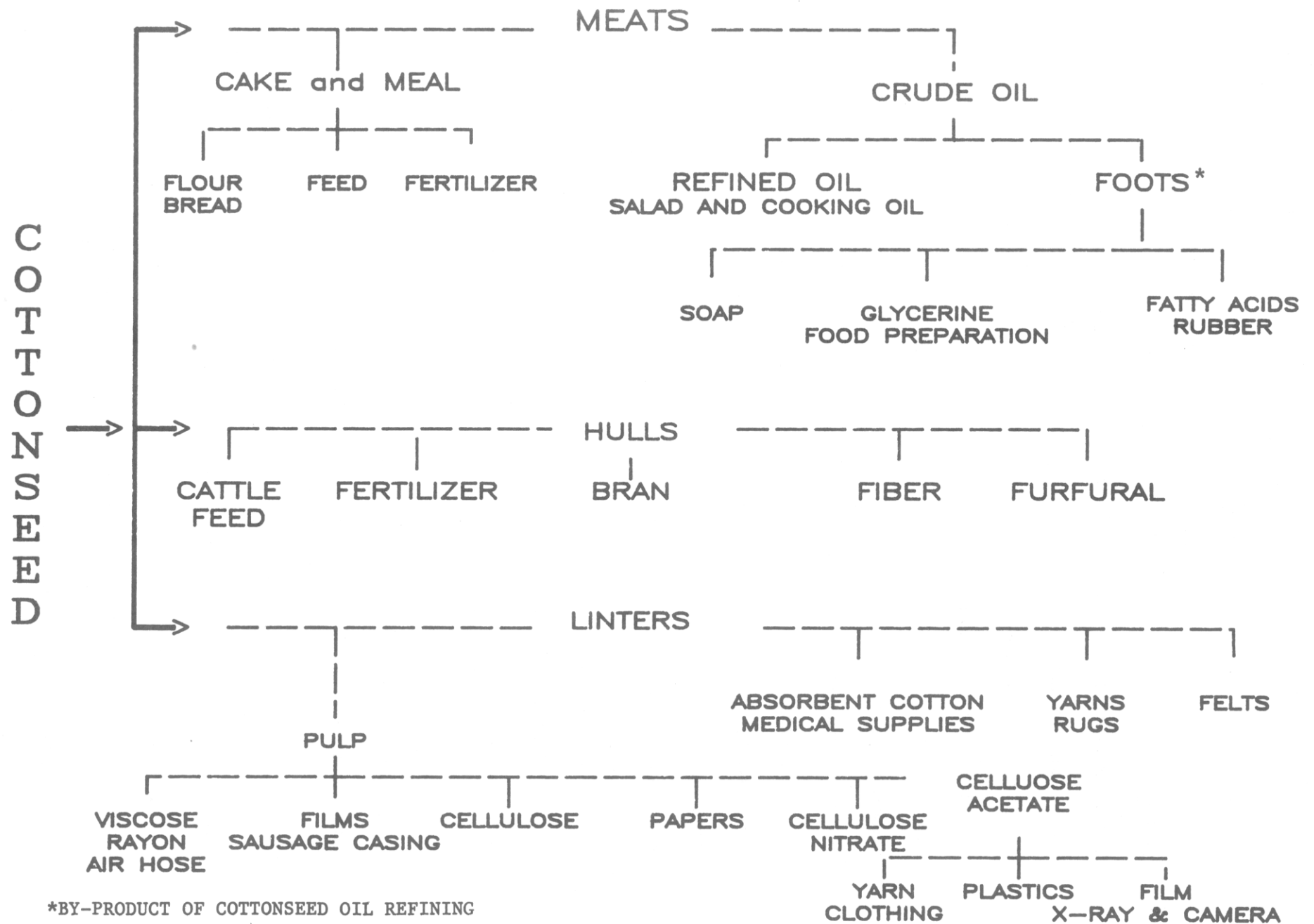
### KINGS COUNTY COTTON YIELD 1975 - 1985



### KINGS COUNTY COTTON ACREAGES 1975 - 1985



# COTTONSEED AND ITS MANY USES



GENERAL KINGS COUNTY INFORMATION

County Seat	Hanford
County Population (1981)	74,200
Population per Square Mil	52.9
Total Assessed Value	\$1,748,615,339
Land Area (Square Miles)	1,396
Total Acres	918,790
Number of Farms (1982)	1,187
Land in Farms (Acres - 1986)	816,228
Total Cropland (Acres - 1982)	613,693
Irrigated Cropland (Acres - 1982)	554,114
Total Agricultural Work Force	7,190

Public Ownership of Land (Acres):

Federal	30,974 (3.5%)
State	3,453 (.4%)
County & City	9,951 (1.1%)
School & Special Districts	4,426 (.4%)

Agricultural production ranked 11th among California counties and 16th among U.S. counties (Based on 1983 total value.)

Railroads - Santa Fe, Southern Pacific

Major Roads - Interstate 5, Highway 41, Highway 43 & Highway 198

Water Sources - Kings River, Tule River, Kaweah River, Kern River  
California Aquaduct

Elevation - 225 to 250 feet above sea level (800 feet in the Kettleman Hills)

Average length of growing season: 257 days

Average date of last spring frost: March 3

Average climate: 196 sunny clear days, 74 partly cloudy days  
95 cloudy days

Average date of first fall frost: November 18

AGC1

Hanford, California  
Rainfall Table

	June	July	Aug.	Sept	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Total	
1934-35	.14	0.00	0.00	0.00	.61	2.60	1.84	2.50	1.72	2.06	2.05	0.00	13.52	
1935-36	0.00	0.00	0.00	.01	.56	.40	.89	.41	4.87	.97	.55	0.00	8.56	
1936-37	0.00	0.00	0.00	0.00	1.84	0.00	2.83	1.99	2.46	2.23	.22	0.00	11.57	
1937-38	2.00	0.00	0.00	0.00	.11	.21	2.16	1.76	3.51	4.57	1.15	.11	13.58	
1938-39	.17	.07	0.00	.13	.19	.16	1.37	1.54	.77	1.44	.91	0.00	6.75	
1939-40	.12	0.00	0.00	.04	.57	.06	.22	3.53	2.61	.99	.18	0.00	9.32	
1940-41	0.00	0.00	0.00	0.00	.85	0.00	2.65	1.51	3.90	1.82	2.64	0.00	14.37	
1941-42	0.00	0.00	0.00	0.00	.86	.50	3.32	.91	.88	.50	1.19	.16	8.32	
1942-43	0.00	0.00	0.00	0.00	0.00	.43	.86	2.74	1.14	3.36	.84	0.00	9.37	
1943-44	0.00	0.00	0.00	0.00	.03	.21	1.03	1.30	2.80	.39	.86	.28	6.90	
1944-45	0.00	0.00	0.00	.02	.23	2.25	1.05	.27	2.69	1.81	.16	.10	8.58	
1945-46	.18	0.00	0.00	.01	.62	1.15	2.61	.34	1.52	2.57	.07	.41	8.48	
1946-47	0.00	.11	0.00	0.00	1.49	1.10	1.64	.33	.49	.51	.66	.33	6.66	
1947-48	.01	0.00	0.00	0.00	.47	.29	.51	0.00	.43	1.49	1.56	.55	5.31	
1948-49	.53	0.00	0.00	0.00	0.00	.03	.01	.99	.51	.85	1.94	.07	4.93	
1949-50	0.00	0.00	0.00	0.00	0.00	0.00	.60	.68	1.48	1.13	1.10	.40	5.39	
1950-51	.07	0.00	.08	0.00	0.00	.34	.63	1.06	1.24	.76	.22	1.17	5.57	
1951-52	.02	0.00	0.00	0.00	.08	1.11	2.39	3.03	.27	2.18	.79	.01	9.88	
1952-53	.02	0.00	0.00	.17	.05	.65	2.96	1.10	.27	.34	.83	.29	6.68	
1953-54	.08	0.00	0.00	0.00	.02	1.01	.09	1.89	.78	2.21	.52	.34	6.94	
1954-55	0.00	0.00	0.00	0.00	0.00	.66	2.61	3.25	1.31	.43	.69	.90	8.85	
1955-56	0.00	0.00	0.00	0.00	.02	.92	4.67	1.10	.38	.10	.73	.77	8.69	
1956-57	.07	0.00	0.00	0.00	.73	0.00	.15	1.39	1.22	.05	.88	.61	5.60	
1957-58	0.00	0.00	0.00	0.00	.20	1.19	1.41	1.85	2.30	3.93	2.38	.24	13.50	
1958-59	0.00	0.00	.11	.11	0.00	.23	.16	1.35	1.90	.11	.52	0.00	4.49	
1959-60	0.00	0.00	0.00	.11	0.00	0.00	.17	.80	1.71	.61	.57	0.00	3.97	
1960-61	0.00	.02	0.00	.53	0.00	2.61	.03	1.34	.22	.67	.22	.37	6.01	
1961-62	0.00	0.00	0.00	0.00	0.00	1.11	1.28	.71	4.88	1.06	0.00	.11	9.15	
1962-63	0.00	0.00	0.00	.01	.10	0.00	.19	1.19	1.68	1.37	2.88	.56	7.97	
1963-64	.17	0.00	0.00	.33	.75	1.23	.31	.61	.02	.94	.64	.20	5.20	
1964-65	0.00	0.00	.34	0.00	.95	1.31	1.44	1.18	.33	.33	1.57	0.00	7.45	
1965-66	0.00	0.00	.05	.07	.05	2.15	1.97	.63	.71	.10	0.00	.07	5.80	
1966-67	.06	.04	0.00	.29	.09	1.28	2.57	1.41	.05	2.42	2.95	.07	11.23	
1967-68	.23	0.00	0.00	.31	0.00	1.99	.05	.62	.64	1.00	.50	.08	5.87	
1968-69	0.00	0.00	0.00	0.00	1.33	.98	1.64	6.69	4.54	.79	.85	.32	17.14	
1969-70	.21	.07	.00	.15	.05	.51	.70	1.60	1.33	1.42	.14	0.00	6.18	
1970-71	0.00	0.00	0.00	0.00	0.00	2.40	1.23	.35	.19	.23	.40	1.44	6.24	
1971-72	0.00	0.00	0.00	.04	.06	.41	1.87	.04	.35	0.00	.23	0.00	3.00	
1972-73	0.00	0.00	0.00	2.04	.21	2.90	.65	2.44	2.29	2.20	.12	0.00	11.05	
1973-74	0.00	0.00	0.00	0.00	.76	.46	.94	2.97	.13	1.75	.03	0.00	7.04	
1974-75	0.00	0.00	0.00	0.00	.65	.24	1.40	.09	2.26	1.24	.49	0.00	6.37	
1975-76	0.00	0.00	0.00	.98	.76	.06	.22	0.00	2.94	.19	1.47	.03	6.64	
1976-77	.01	0.00	.22	1.47	0.00	1.15	.96	.96	.03	.43	0.00	.01	5.24	
1977-78	.07	0.00	0.00	0.00	.05	.06	2.85	2.22	5.05	4.12	1.71	0.00	16.13	
1978-79	0.00	0.00	0.00	1.10	0.00	.79	.50	1.84	1.61	1.16	.03	8.00	7.03	
1979-80	0.00	.04	0.00	.08	.41	.62	.41	9.90	2.71	1.28	.05	.04	8.54	
1980-81	0.00	0.00	0.00	0.00	.09	0.00	.21	1.80	.86	2.10	.68	.17	5.91	
1981-82	0.00	0.00	0.00	0.00	.76	1.08	.29	.84	.33	3.52	1.75	0.00	8.62	
1982-83	.45	.18	0.00	.64	1.03	2.15	.71	.74	2.59	3.39	1.63	.04	16.55	
1983-84	.45	0.00	.05	.82	.43	1.66	1.22	.01	.42	.27	.18	0.00	5.06	
1984-85	0.00	0.00	0.00	.01	.52	1.41	1.66	.59	.61	.68	.12	.01	5.61	
1985-86	0.00	0.05	0.00	0.00	.54	2.11	.56							
													51 Year Total Rainfall	416.81
													Average Rainfall	8.17



**AGRICULTURAL CROP REPORT**

**KINGS COUNTY, CALIFORNIA - 1986**

KINGS COUNTY  
DEPARTMENT OF AGRICULTURE

\*\* PERSONNEL \*\*

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

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Buzz Felleke	Paul Berry	Kaaren Anderson
Denise Marshall	Vince Evans	

CLERICAL

Diare O'Daniel      Arlene Elsome      Sally Navarro

\*\*\*\*\*

CROP REPORT COVER: Kiwifruit - a crop of increasing demand.  
(See enclosed story)

Photo courtesy of  
California Kiwifruit Commission



# KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS  
AND MEASURES

P. O. BOX C - 280 CAMPUS DRIVE

HANFORD, CALIFORNIA 93230

(209) 582-3211

April 1, 1987

Mr. Clare Berryhill, Director  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Kings

Gentlemen:

It is my pleasure to submit this 1986 Agricultural Crop Report, which was compiled in accordance with Section 2279 of The California Food and Agricultural Code.

The gross value of agricultural crops and products in Kings County during the calendar year 1986 was \$549,757,000., a decrease of \$2,689,000. (.49%) from 1985.

Most crop groups reflected declining value, due to reduced prices and/or acreages, except fruit and nut crops which as a group reflected an increase in value.

Cotton again led all other crops with a value of \$196,664,000. including seed.

All figures in this report are gross returns and do not indicate net profit received by growers.

This report could not have been possible without the many individuals and organizations who contributed their time and information. A special thanks is expressed to Buzz Felleke and Denise Marshall of my staff, who compiled the report.

Respectfully submitted,

M. Hugh Handley  
Agricultural Commissioner  
Sealer of Weights and Measures

MHH:dod



## KIWIFRUIT

The Kiwifruit, a native of Yangtze Valley in South Central China, grows on a large, woody deciduous vine. In 1906, it was introduced into New Zealand under the name of "Chinese Gooseberry." During the next quarter century, New Zealand nurserymen selected large fruit seedlings which became commercial varieties. When New Zealand first began to export fruit in 1953, the name was changed to Kiwi, because the fruit superficially resembles New Zealand's native bird, the Kiwi.

In 1935 the "Hayward" variety was introduced to the U.S. at the Chico introduction station in California from New Zealand. In 1960 several thousand plants were imported from New Zealand to establish the first Kiwifruit vineyards in California. The first 40 acres planted in Kings County took place in 1973 and in the last fourteen years the acreage has increased to 331 acres. California has shown a great increase in Kiwifruit acreage from the year 1983 to 1987 and it is also estimated that there will be a slight increase in 1988, but the acreage in California from 1989 to 1991 will begin to stabilize.

Kiwi is a deciduous vine and has relatively small fruit, ranging in size from that of an egg to that of a lemon. Its brown hair-like skin covers a bright green flesh with tiny dark edible seeds and a white core. It's taste is often likened to a combination of strawberry, peach, banana and various melons, making it a most unique fruit. One Kiwifruit contains twice the amount of vitamin C found in an orange and it is also low in calories, with an average fruit containing approximately 30 to 60 calories. Also containing a natural enzyme, the Kiwifruit is both a digestive aid and meat tenderizer. A long storage life, up to twelve months, has given the Kiwifruit a distinct advantage over the other fresh fruits. The Kiwifruit industry is challenged to continue building the domestic market and to find more efficient ways to pack and ship it's product.

ANNUAL CROP REPORT  
FOR YEAR 1986

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KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

\*\*\*\*\*

KINGS COUNTY  
BOARD OF SUPERVISORS

LESLIE K. BROWN.....DISTRICT I  
JOE HAMMOND.....DISTRICT II  
DOM FARUZZI.....DISTRICT III  
NICK KINNEY.....DISTRICT IV  
ABEL MEIRELLES.....DISTRICT V

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

\*\*\*\*\*

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FIELD CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
Barley	1986	49,361	1.96	96,748	Ton	\$ 89.00	\$ 8,611,000
	1985	25,039	1.92	48,075	Ton	101.00	4,856,000
Corn	1986	11,000	5.04	55,440	Ton	94.11	5,217,000
	1985	13,998	4.16	58,232	Ton	118.00	6,871,000
Cotton Lint	1986	218,000	2.26	492,680	495 lb.	349.00	171,945,000
	1985	267,112	2.18	582,305	495 lb.	304.00	177,021,000
Cottonseed	1986			203,230	Ton	119.00	24,184,000
	1985			240,201	Ton	105.00	25,221,000
Cotton Planting Seed	1986			2,974	Ton	180.00	535,000
	1985			2,674	Ton	165.00	417,000
Hay Alfalfa	1986	29,033	6.31	183,198	Ton	75.00	13,095,000
	1985	25,461	8.53	217,182	Ton	74.00	16,071,000
Grain	1986	8710	3.50	30,485	Ton	46.00	1,402,000
	1985	660	5.00	3,300	Ton	60.00	198,000
Pasture Irrigated	1986	13,000			Acre	104.00	1,352,000
	1985	12,000			Acre	105.00	1,260,000
Range	1986	160,000			Acre	2.00	320,000
	1985	170,000			Acre	2.00	340,000
Other	1986	48,000			Acre	18.00	864,000
	1985	45,000			Acre	17.00	765,000
Safflower	1986	41,535	1.24	51,503	Ton	231.00	11,897,000
	1985	11,723	1.25	14,654	Ton	250.00	3,664,000
Screenings	1986			2,842	Ton	35.00	99,000
	1985			1,764	Ton	42.00	74,000
Silage Corn	1986	8,897	23.00	204,631	Ton	14.00	2,865,000
	1985	13,998	18.42	257,843	Ton	16.00	4,125,000
Other	1986	4,697	17.00	79,849	Ton	25.00	1,996,000
	1985	1,132	20.00	22,640	Ton	15.00	340,000

FIELD CROPS - cont'd

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
Sorghum Grain	1986	1,500	2.13	3,195	Ton	\$ 80.00	\$ 256,000
	1985	2,100	2.13	4,473	Ton	110.00	492,000
Dry Beans <u>a/</u>	1986	4,272	1.15	4,913	Ton	415.00	2,039,000
	1985	653	1.28	836	Ton	405.00	339,000
Sugar Beets	1986	1,656	27.20	45,043	Ton	31.30	1,410,000
	1985	1,107	24.60	27,232	Ton	33.00	899,000
Wheat	1986	22,718	2.80	63,610	Ton	99.00	6,297,000
	1985	57,206	3.15	180,198	Ton	106.00	19,102,000
TOTAL	1986	622,379					259,384,000
	1985	647,189					262,055,000

a/ Soybeans and Blackeye Beans

SEED CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
CERTIFIED SEED							
Alfalfa	1986	20,388	709	14,455,092	lb.	\$ 1.00	\$ 14,455,000
	1985	24,116	652	15,723,632	lb.	1.04	16,353,000
Barley	1986	2,534	3,560	9,021,040	lb.	0.08	722,000
	1985	1,313	5,520	7,247,760	lb.	0.09	652,000
Wheat	1986	20,401	5,140	104,861,140	lb.	0.08	8,388,000
	1985	14,172	7,340	104,022,480	lb.	0.08	8,842,000
OTHER SEED							
Lettuce	1986	236	506	119,416	lb.	4.99	596,000
	1985	152	563	85,576	lb.	4.10	351,000
Alfalfa	1986	1,010	709	716,090	lb.	.92	659,000
	1985	1,196	652	779,792	lb.	1.00	780,000
Misc. <u>a/</u>	1986	483					570,000
	1985	293					251,000
TOTAL	1986	45,052					25,390,000
	1985	41,831					28,201,000

a/ Blackeye Beans, Cabbage, Carrots, Eggplant, Flowers, Nursery-Misc., and Watermelons.

FRUIT AND NUT CROPS

CROP	YEAR	ACREAGE		PRODUCTION		VALUE	
		BEARING	NON BEARING	PER ACRE	TOTAL TONS	PER TON	TOTAL
<b>Almonds</b>							
Dried	1986	3,203	76	.46	1,473	\$ 4,109.00	\$ 6,053,000
Dried	1985	3,676	76	.59	2,169	1,180.00	2,559,000
Hulls	1986				781	56.00	44,000
Hulls	1985				1,150	65.00	75,000
<b>Apricots</b>							
Fresh	1986				696	1,233.00	858,000
Proc	1986				<u>547</u>	254.00	<u>139,000</u>
Total	1986	240	20	5.18	1,243		997,000
Fresh	1985				900	744.00	670,000
Proc.	1985				<u>402</u>	210.00	<u>84,000</u>
Total	1985	230	30	5.66	1,302		754,000
<b>Grapes</b>							
Raisin Var.	1986						
Fresh					720	775.00	558,000
Dried					3,200	758.00**	2,426,000**
Crushed					9,516	114.00	1,085,000
Cannery					<u>600</u>	180.00	<u>108,000</u>
Total		2,399	73		14,036		4,177,000
Raisin Var.	1985						
Fresh					834	594.00	495,000
Dried					3,057	605.00*	1,849,000*
Crushed					12,341	86.00	1,061,000
Cannery					<u>744</u>	180.00	<u>134,000</u>
Total		2,281	81		16,976		3,539,000*
<b>Wine Varieties</b>							
Crushed	1986	1,214	76	12.00	14,568	125.00	1,821,000
Crushed	1985	1,117	301	11.90	13,292	74.00	984,000
Table Var.	1986	119	38	4.00	476	818.00	389,000
	1985	122	83	9.07	1,107	608.00	673,000
Grapes Total	1986	3,732	187				6,387,000
	1985	3,520	465				5,377,000
<b>Kiwifruit</b>							
	1986	200	131	7.81	1,562	2,000.00	3,124,000
	1985	197	131	5.52	1,087	1,866.00	2,028,000

\*\* A combined value reflecting Free, Reserve, and Diversion Program tonnage.

\* Revised

FRUIT AND NUT CROPS - cont'd

CROP	YEAR	ACREAGE		PRODUCTION		VALUE	
		BEARING	NON BEARING	PER ACRE	TOTAL TONS	PER TON	TOTAL
<b>Nectarines</b>							
Fresh	1986	1,305	337	5.73	7,478	\$ 590.00	\$ 4,412,000
Fresh	1985	1,285	258	4.60	5,911	751.00	4,439,000
<b>Olives</b>							
	1986	1,142		5.00	5,710	584.00	3,335,000
	1985	1,142		4.10	4,682	591.00	2,767,000
<b>Peaches</b>							
<b>Clingstone</b>							
Processed	1986	1,241	165	18.37	22,797	168.00	3,830,000
Processed	1985	1,353	175	17.90	24,218	180.00	4,359,000
<b>Freestone</b>							
Fresh	1986						
Processed	1986						
Total		1,448	420	9.00	13,032	515.00	6,711,000
Fresh	1985						
Processed	1985						
Total		1,428	430	5.78	8,253	536.00	4,423,000
Total Peaches	1986	2,689	585		35,829		10,541,000
	1985	2,781	605		37,171		8,783,000
<b>Pistachios</b>							
Dried	1986	3,089	2,144	1.30	4,016	2,549.00	10,237,000
Dried	1985	2,874	2,359	.49	1,408	3,232.00	4,551,000
<b>Plums</b>							
Fresh	1986	1,786	346	4.53	8,091	649.00	5,251,000
Fresh	1985	1,686	395	5.14	8,666	500.00	4,333,000
<b>Pomegranates</b>							
Fresh	1986	146		7.44	1,086	640.00	695,000
Fresh	1985	154		7.61	1,172	360.00	422,000
<b>Walnuts</b>							
	1986	5,287	1040	1.51	7,983	920.00	7,344,000
	1985	5,082	835	1.62	8,233	683.00	5,623,000
<b>Misc. a/</b>							
	1986	380	15				650,000
	1985	297	56				490,000
<b>TOTAL</b>							
	1986	29,620	5,653				58,827,000
	1985	24,277	5,385				46,070,000*

a/ Includes Apples, Pears, Pecans, Persimmons, Prunes, Quince.

\* Revised

VEGETABLE CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
<b>Cantaloupes</b>							
Fresh	1986	1,514	554.00	838,756	40lb.Crate	\$ 4.07	\$3,414,000
Fresh	1985	1,434	571.00	818,814	40lb.Crate	3.48	2,849,000
<b>Carrots</b>							
Processed	1986	140	37.40	5,236	Ton	31.50	165,000
Processed	1985	293	31.41	9,203	Ton	31.50	290,000
Fresh	1986	915	400.00	366,000	Cartons	4.42	1,618,000
<b>Lettuce</b>							
Fresh	1986	528	529.00	279,312	43lb.Carton	6.75	1,885,000
Fresh	1985	772	764.00	589,808	43lb.Carton	5.57	3,285,000
<b>Onions</b>							
Processed	1986	406	24.99	10,146	Ton	61.00	619,000
Processed	1985	630	17.50	11,025	Ton	125.00	1,378,000
<b>Tomatoes</b>							
Processed	1986	1,499	26.70	40,023	Ton	51.00	2,041,000
Processed	1985	1,330	26.30	35,000	Ton	51.40	1,799,000
Fresh	1986	1,182	14.71	17,387	Ton	214.00	3,721,000
Fresh	1985	2,149	19.17	41,196	Ton	146.00	6,015,000
Misc. a/	1986	3,201					5,907,000
	1985	3,968					10,623,000
<b>TOTAL</b>							
	1986	9,385					19,370,000
	1985	10,373					26,070,000

a/Includes Asparagus, Bell Peppers, Misc. Melons, Chinese Cabbage, Cucumbers, eggplant, Garbanzo Beans, Garlic, Onions, Peanuts, Potatoes, Radishes, Snap Beans, Squash, Sweet Corn, Strawberries, Watermelons.

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

ITEM	January 1, 1986	January 1, 1987
Milk Cows 2 Years and Over	76,000	70,000
Cattle and Calves on Feed	4,000	3,000
Other Cattle and Calves	<u>135,000</u>	<u>130,000</u>
Total	215,000	203,000
Sheep and Lambs	11,000	9,310
Goats	-0-	450
Hogs and Pigs	350	300
Hens and Pullets	98,000	194,000

LIVESTOCK AND POULTRY

ITEM	PRODUCTION		UNIT	PER UNIT	VALUE	
	NO. OF HEAD	TOTAL LIVEWEIGHT			TOTAL	
<b>Cattle &amp; Calves</b>						
1986	140,107	877,070	Cwt.	\$ 47.00		\$ 41,222,000
1985	137,915	843,929	Cwt.	50.34		42,483,000
<b>Sheep &amp; Lambs</b>						
1986	9,000	10,828	Cwt.	66.00		715,000
1985	16,000	906,621	Cwt.	70.00		1,232,000
<b>Hogs &amp; Pigs</b>						
1986	1,020	225,420	lb.	.54		122,000
1985	1,060	223,200	lb.	.48		112,000
<b>Turkeys</b>						
1986	1,492,931	31,351,551	lb.	.46		14,422,000
1985	1,282,233	29,619,582	lb.	.46		13,625,000
<b>Miscellaneous<sup>a/</sup></b>						
1986						516,000
1985						1,798,000
<b>TOTAL</b>						
1986						\$ 56,997,000
1985						59,250,000

a/ Includes Geese, and Chickens.

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE	
					TOTAL	
<b>Eggs-Chicken</b>						
Market	1986	454,173	Doz.	\$ .59		\$ 270,000
<b>Milk</b>						
Market	1986	10,854,000	Cwt.	11.57		125,581,000
Market	1985	10,597,000	Cwt.	12.00		127,164,000
<b>Manufacturing</b>						
Manufacturing	1986	18,500	Cwt.	10.80		200,000
Manufacturing	1985	16,000	Cwt.	11.06		177,000
<b>Wool</b>						
	1986	93,600	lb.	.70		66,000
	1985	166,400*	lb.	.69*		115,000
<b>TOTAL</b>						
	1986					\$ 126,117,000
	1985					127,456,000

\*Revised



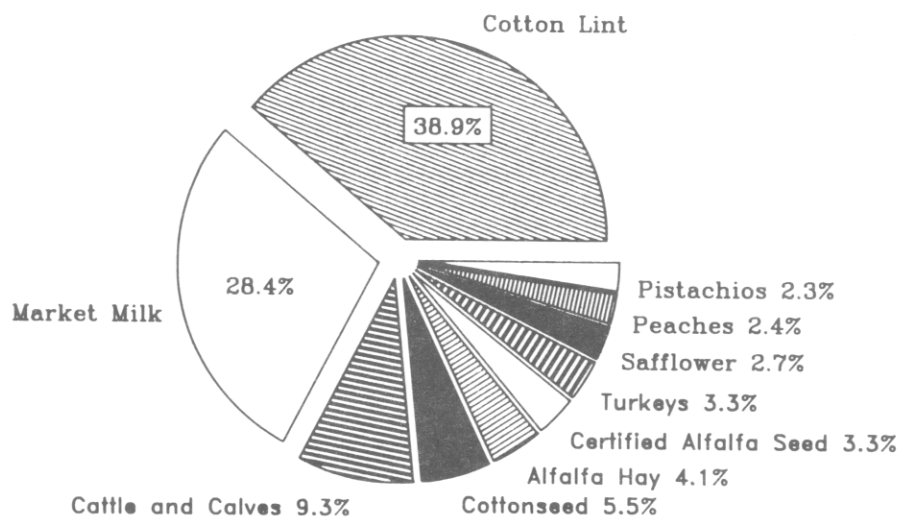
APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Honey	1986	3,505,890	lb.	\$ .61	\$ 2,139,000
	1985	2,130,264	lb.	.60	1,278,000
Beeswax	1986	58,431	lb.	.80	47,000
	1985	88,761	lb.	1.00	89,000
Pollination	1986	76,215	Colonies	19.50	1,486,000
	1985	88,761	Colonies	22.50	1,997,000
TOTAL	1986				\$ 3,672,000
	1985				3,364,000

1986 CROP SUMMARY

Field Crops	\$ 259,384,000	Seed Crops	\$ 25,390,000
Fruit and Nut Crops	58,827,000	Vegetable Crops	19,370,000
Livestock and Poultry	56,997,000	Apiary Products	3,672,000
Livestock and Poultry Products		\$ 126,117,000	
GRAND TOTAL	\$ 549,757,000		

TOP TEN CROPS OF KINGS COUNTY FOR 1986



5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	1982	1983	1984	1985	1986
Field Crops	\$314,372,000	\$228,929,000	\$277,163,000	\$262,055,000	\$259,384,000
Acreage	793,025	603,000	700,927	647,189	622,379
Fruit and Nut	43,045,000	41,719,000*	48,366,000	46,070,000	58,827,000
Acreage	19,641	31,981*	22,499	24,277	29,620
Livestock / Poultry	64,295,000	62,153,000	75,673,000	59,250,000	56,997,000
Livestock / Poultry Prod.	110,033,000*	112,268,000	121,368,000	127,456,000	126,117,000
Seed Crops	35,388,000	18,095,000	26,103,000	28,201,000	25,390,000
Acreage	52,228	25,994	33,832	41,831	45,052
Vegetable Crops	17,022,000	24,074,000	15,327,000	26,070,000	19,370,000
Acreage	9,005	10,061	8,098	10,373	9,385
Apiary Products	6,167,000	4,572,000	5,716,000	3,364,000	3,672,000
<b>TOTALS</b>	<b>\$590,420,000*</b>	<b>\$491,860,000*</b>	<b>\$569,716,000</b>	<b>\$552,466,000</b>	<b>\$549,757,000</b>

\*Revised

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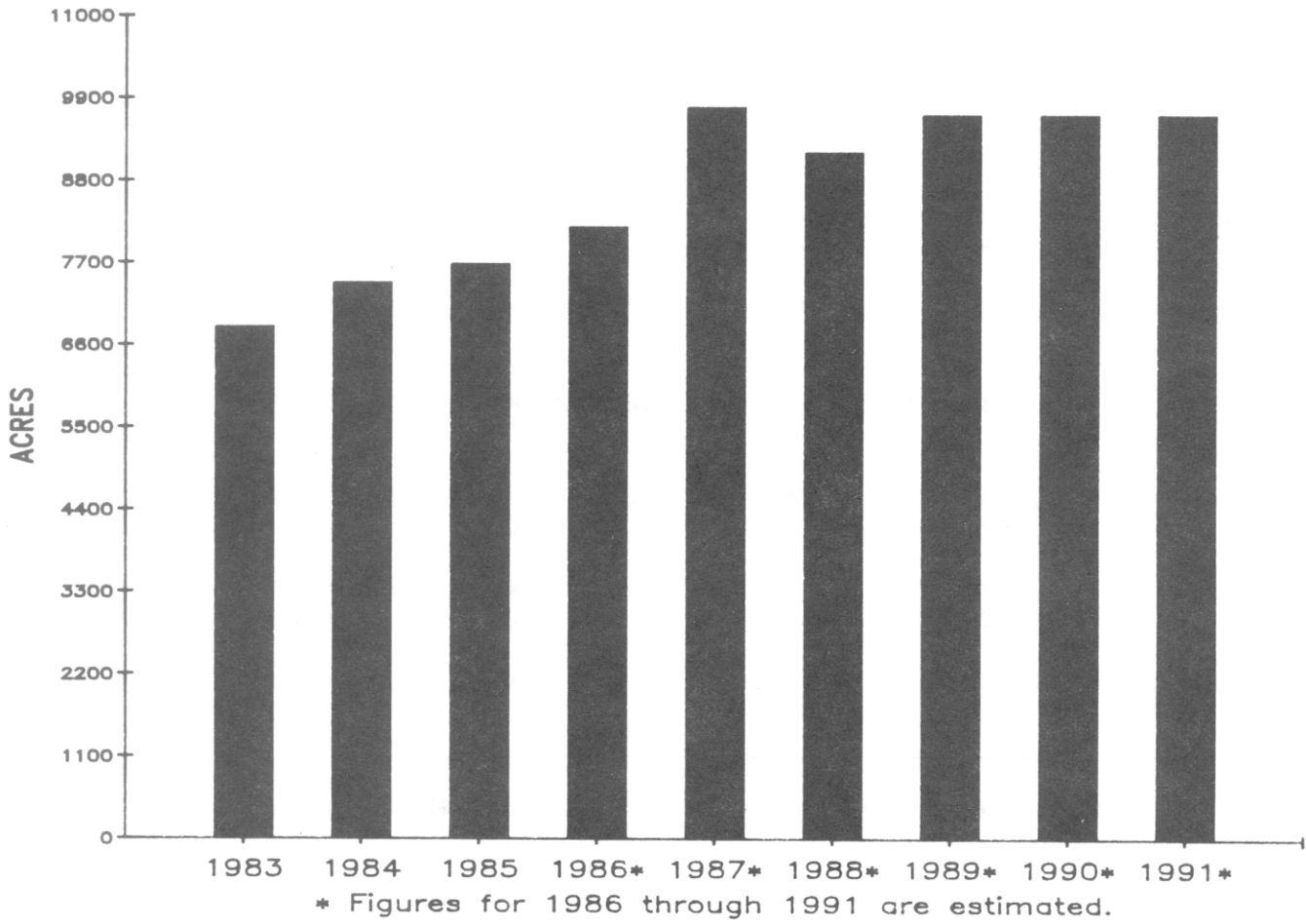
We hope you will find this Crop Report of interest and value to you. If you wish to remain on our mailing list to receive future Crop Reports, please return this card to us.

\_\_\_\_\_  
Name: Individual and/or company

\_\_\_\_\_  
Number                      Street/Avenue

\_\_\_\_\_  
City                              State                      Zip

CALIFORNIA KIWIFRUIT  
ACTUAL/ESTIMATED ACREAGES



MILLION DOLLAR CROPS - 1986

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Cotton Lint	\$ 171,945,000	Plums	\$ 5,251,000
Market Milk	125,581,000	Corn	5,217,000
Cattle and Calves	41,222,000	Nectarine	4,412,000
Cottonseed	24,184,000	Fresh Tomatoes	3,721,000
Alfalfa Hay	18,095,000	Cantaloupe	3,414,000
Certified Alfalfa Seed	14,455,000	Olives	3,335,000
Turkeys	14,422,000	Kiwifruit	3,124,000
Safflower	11,897,000	Corn Silage	2,865,000
Peaches	10,541,000	Honey	2,139,000
Pistachios	10,237,000	Processed Tomatoes	2,042,000
Barley	8,611,000	Dry Beans	2,039,000
Certified Wheat Seed	8,388,000	Lettuce	1,885,000
Walnuts	7,344,000	Fresh Carrots	1,618,000
Grapes	6,387,000	Pollination	1,486,000
Wheat	6,297,000	Sugar Beets	1,410,000
Almonds	6,053,000	Irrigated Pasture	1,352,000

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GENERAL KINGS COUNTY INFORMATION

County Seat	Hanford
County Population (1986)	85,300
Population per Square Mile	61.1
Total Assessed Value	\$1,748,615,339
Land Area (Square Miles)	1,392
Total Acres	918,790
Number of Farms (1982)	1,187
Land in Farms (Acres - 1986)	816,228
Foreign Ownership (12 parcels - 1984)	7,226 (acres)
Total Cropland (Acres - 1982)	613,693
Irrigated Cropland (Acres - 1982)	554,114
Total Agricultural Work Force	7,190

Public Ownership of Land (Acres - 1977)

Federal	30,974 (3.4%)
State	5,016 (.5%)
County & City	9,544 (1.0%)
School & Special Districts	4,426 (.4%)

Agricultural production ranked 10th among California counties and 16th among U.S. counties (Based on 1984 total value.)

Railroads - Santa Fe, Southern Pacific

Major Roads - Interstate 5, Highway 41, Highway 43 & Highway 198

Water Sources - Kings River, Tule River, Kaweah River, Kern River, California Aquaduct

Elevation - 225 to 250 feet above sea level (800 feet in the Kettleman Hills)

Average length of growing season: 257 days

Average date of last spring frost: March 3

Average climate: 196 sunny clear days, 74 partly cloudy days, 95 cloudy days

Average date of first fall frost: November 18

## HANFORD, CALIFORNIA

## RAINFALL TABLE

YEAR	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	TOTAL
1936-37	.00	.00	.00	.00	1.84	.00	2.83	1.99	2.46	2.23	.22	.00	11.57
1937-38	.00	.00	.00	.00	.11	.21	2.16	1.76	3.51	4.57	1.15	.11	13.58
1938-39	.17	.07	.00	.13	.19	.16	1.37	1.54	.77	1.44	.91	.00	6.75
1939-40	.12	.00	.00	.04	.57	.06	.22	3.53	3.61	.99	.18	.00	9.32
1940-41	.00	.00	.00	.00	.85	.00	3.65	1.51	3.90	1.82	2.64	.00	14.37
1941-42	.00	.00	.00	.00	.86	.50	3.32	.91	.88	.50	1.19	.16	8.32
1942-43	.00	.00	.00	.00	.00	.43	.86	2.74	1.14	3.36	.84	.00	9.37
1943-44	.00	.00	.00	.00	.03	.21	1.03	1.30	2.80	.39	.86	.28	6.90
1944-45	.00	.00	.00	.02	.23	2.25	1.05	.27	2.69	1.81	.16	.10	8.58
1945-46	.18	.00	.00	.01	.62	1.15	1.61	.34	1.52	2.57	.07	.41	8.48
1946-47	.00	.11	.00	.00	1.49	1.10	1.64	.33	.49	.51	.66	.33	6.66
1947-48	.01	.00	.00	.00	.47	.29	.51	.00	.43	1.49	1.56	.55	5.31
1948-49	.53	.00	.00	.00	.00	.03	.01	.99	.51	.85	1.94	.07	4.93
1949-50	.00	.00	.00	.00	.00	.00	.60	.68	1.48	1.13	1.10	.40	5.39
1950-51	.07	.00	.08	.00	.00	.34	.63	1.06	1.24	.76	.22	1.17	5.57
1951-52	.02	.00	.00	.00	.08	1.11	2.39	3.03	.27	2.18	.79	.01	9.88
1952-53	.02	.00	.00	.17	.05	.65	2.96	1.10	.27	.34	.83	.29	6.68
1953-54	.08	.00	.00	.00	.02	1.01	.09	1.89	.78	2.21	.52	.34	6.94
1954-55	.00	.00	.00	.00	.00	.66	1.61	3.25	1.31	.43	.69	.90	8.85
1955-56	.00	.00	.00	.00	.02	.92	4.67	1.10	.38	.10	.73	.77	8.69
1956-57	.07	.00	.00	.00	.73	.00	.15	1.39	1.22	.05	.88	.61	5.10
1957-58	.00	.00	.00	.00	.20	1.19	1.41	1.85	2.30	3.93	2.38	.24	13.50
1958-59	.00	.00	.11	.11	.00	.23	.16	1.35	1.90	.11	.52	.00	4.49
1959-60	.00	.00	.00	.11	.00	.00	.17	.80	1.71	.61	.57	.00	3.97
1960-61	.00	.02	.00	.53	.00	2.61	.03	1.34	.22	.67	.22	.37	6.01
1961-62	.00	.00	.00	.00	.00	1.11	1.28	.71	4.88	1.06	.00	.11	9.15
1962-63	.00	.00	.00	.01	.10	.00	.19	1.19	1.68	1.37	2.88	.56	7.98
1963-64	.17	.00	.00	.33	.75	1.23	.31	.61	.02	.94	.64	.20	5.20
1964-65	.00	.00	.34	.00	.95	1.31	1.44	1.18	.33	.33	1.57	.00	7.45
1965-66	.00	.00	.05	.07	.05	2.15	1.97	.63	.71	.10	.00	.07	5.80
1966-67	.06	.04	.00	.29	.09	1.28	2.57	1.41	.05	2.42	2.95	.07	11.23
1967-68	.23	.00	.00	.31	.00	1.99	.50	.62	.64	1.00	.50	.08	5.87
1968-69	.00	.00	.00	.00	1.33	.98	1.64	6.69	4.54	.79	.85	.32	17.14
1969-70	.21	.07	.00	.15	.05	.51	.70	1.60	1.33	1.42	.14	.00	6.18
1970-71	.00	.00	.00	.00	.00	2.40	1.23	.35	.19	.23	.40	1.44	6.24
1971-72	.00	.00	.00	.04	.06	.41	1.87	.04	.35	.00	.23	.00	3.00
1972-73	.00	.00	.00	.24	.21	2.90	.65	2.44	2.29	2.20	.12	.00	11.05
1973-74	.00	.00	.00	.00	.76	.46	.94	2.97	.13	1.75	.03	.00	7.04
1974-75	.00	.00	.00	.00	.65	.24	1.40	.09	2.26	1.24	.49	.00	6.37
1975-76	.00	.00	.00	.98	.76	.05	.22	.00	2.94	.19	1.47	.03	6.64
1976-77	.01	.00	.22	1.47	.00	1.15	.96	.96	.03	.43	.00	.01	5.24
1977-78	.07	.00	.00	.00	.05	.06	2.85	2.22	5.05	4.12	1.71	.00	16.13
1978-79	.00	.00	.00	1.10	.00	.79	.50	1.84	1.61	1.16	.03	.00	7.03
1979-80	.00	.04	.00	.08	.41	.62	.41	2.90	2.71	1.28	.05	.04	8.54
1980-81	.00	.00	.00	.00	.09	.00	.21	1.80	.86	2.10	.68	.17	5.91
1981-82	.00	.00	.00	.00	.76	1.08	.29	.84	.33	3.52	1.75	.00	8.57
1982-83	.45	.18	.00	.64	1.03	2.15	.71	3.74	2.59	3.39	1.63	.04	16.55
1983-84	.00	.00	.05	.82	.43	1.66	1.22	.01	.42	.27	.18	.00	5.06
1984-85	.00	.00	.00	.01	.52	1.41	1.66	.59	.61	.68	.12	.01	5.61
1985-86	.00	.05	.00	.00	.54	2.11	.56	1.46	2.60	3.40	.45	.00	11.17
1986-87	.00	.00	.00	.15	.00	.21	.77						
AVERAGE	.05	.01	.02	.15	.36	.86	1.23	1.46	1.54	1.41	.81	.21	8.11
								50 year average rainfall					8.11



**AGRICULTURAL CROP REPORT**

**KINGS COUNTY, CALIFORNIA - 1987**

KINGS COUNTY  
DEPARTMENT OF AGRICULTURE

\*\* PERSONNEL \*\*

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

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Stace Damerval	Vince Evans	

CLERICAL

Diane O'Daniel      Arlene Elsome      Sally Navarro

\*\*\*\*\*  
CROP REPORT COVER: Turkeys- An expanding industry in Kings County.  
(See enclosed story)

Photo courtesy of  
California Turkey Industry Board





# KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS  
AND MEASURES

P. O. BOX C - 280 CAMPUS DRIVE

HANFORD, CALIFORNIA 93230

(209) 582-3211

April 1, 1988

Mr. Jack Parnell, Director  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Kings

Gentlemen:

I am pleased to submit this 1987 Agricultural Crop Report, which was compiled in accordance with Section 2279 of the California Food and Agricultural Code.

The gross value of agricultural crops and products in Kings County for the calendar year 1987 was \$640,178,000., an all time record and an increase of \$94,533,000. (17.3%) over 1986 values.

Most crop categories increased in value, except fruit and nut crops and seed crops, whose values declined, due to reduced prices and or acreages.

Cotton surpassed all other crops with a value of \$275,517,000., including seed.

All figures in this report are gross returns and do not indicate net profit received by growers.

This report could not have been possible without the many individuals and organizations who contributed their time and information. A special thanks is expressed to Buzz Felleke and Stace Damerval of my staff, who compiled the report.

Respectfully submitted,

M. Hugh Handley  
Agricultural Commissioner  
Sealer of Weights and Measures

MHH:ame

## TURKEYS

The wild progenitors of our modern turkey came from the Guatemalan and Honduran Region. They spread into North America and at one time could be found throughout the United States. There were five subspecies of wild turkey at the time the pilgrims landed on this continent.

In 1520, the Conquistadors took the wild turkey from Mexico to Spain where it was domesticated and spread throughout Europe. It was returned to the United States during the 1600's. Turkeys were first mentioned in the United States. They were shipped from Narragansett Bay to the west coast in 1840. A wagon load was shipped to Oakland, presumably Oakland, California, although this has not been confirmed.

In 1929, the Sheffield Strain was introduced from England to the Northwest. This introduction from England was made by Jessie Throesle. Jessie was the nephew of a gardener in England who reportedly had access to turkey hatching eggs.

In the 1930's on the West Coast there were four breeders who developed the turkey. Most strains came from these four breeders. The bird was turned white probably using a white strain called the Holland White. Today, there are three large international turkey breeding companies in the world. Over ninety percent of the turkey breeding in the world has come from the Pacific Northwest. In the San Joaquin Valley, we have turkey breeders whose strains came from the original four breeders.

The turkey industry in Kings County is well into its second generation, apparently getting its start when Spencer and Glen Kleinhammer began an F.F.A. Project with turkeys while attending Lemoore High School. Before long, more of the Kleinhammer family had turkey enterprises. Today a total of ten growers are scattered throughout Kings County producing 1,832,000 head valued at over \$17,376,000.00, for 1987.

The turkey industry in the United States has grown from many small flocks all over the nation to a mega-industry with enormous numbers of turkeys in relatively few hands. The estimates for production in the United States for 1987 show that North Carolina is the leader in the nation in production with about 39 million head produced annually with Minnesota following second with about 33 million and California as third with about 26 million. This is out of a national total of an estimated 240.4 million.

The turkey industry began to expand about 20 years ago into processed meats. This innovation turned the industry into a year around enterprise with only about 24% of the total production being sold as whole body, 14% that is sold as parts, and at least 62% as processed.

Turkey meat is known to be low in calories, cholesterol and extremely versatile in its uses. Turkey is often recommended by physicians for heart patients. The future of the turkey industry looks very bright and promising in every aspect.

ANNUAL CROP REPORT  
FOR YEAR 1987

\*\*\*\*\*

KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

\*\*\*\*\*

KINGS COUNTY  
BOARD OF SUPERVISORS

LESLIE K. BROWN.....DISTRICT I  
JOE HAMMOND.....DISTRICT II  
DOM FARUZZI.....DISTRICT III  
NICK KINNEY.....DISTRICT IV  
ABEL MEIRELLES.....DISTRICT V

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

\*\*\*\*\*

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FIELD CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
Barley	1987	24,195	1.75	42,341	Ton	\$ 94.00	\$ 3,980,000
	1986	49,361	1.96	96,748	Ton	\$ 89.00	\$ 8,611,000
Corn	1987	13,400	5.74	77,260	Ton	80.00	6,181,000
	1986	11,000	5.04	55,440	Ton	94.11	5,217,000
Cotton Lint	1987	259,347	2.48	643,181	495 lb.	382.00	245,695,000
	1986	218,000	2.26	492,680	495 lb.	349.00	171,945,000
Cottonseed	1987			264,487	Ton	110.00	29,094,000
	1986			203,230	Ton	119.00	24,184,000
Cotton Planting Seed	1987			3,451	Ton	211.00	728,000
	1986			2,974	Ton	180.00	535,000
Hay Alfalfa	1987	30,161	6.20	186,998	Ton	74.00	14,773,000
	1986	29,033	6.31	183,198	Ton	75.00	13,740,000*
Grain	1987	2,973	3.40	10,108	Ton	55.00	556,000
	1986	8,710	3.50	30,485	Ton	46.00	1,402,000
Pasture Irrigated	1987	12,500			Acre	108.00	1,350,000
	1986	13,000			Acre	104.00	1,352,000
Range	1987	150,000			Acre	2.00	300,000
	1986	160,000			Acre	2.00	320,000
Other	1987	49,000			Acre	18.00	882,000
	1986	48,000			Acre	18.00	864,000
Safflower	1987	29,451	1.49	43,882	Ton	194.00	8,513,000
	1986	41,535	1.24	51,503	Ton	231.00	11,897,000
Screenings	1987			4,468	Ton	35.00	156,000
	1986			2,842	Ton	35.00	99,000
Silage Corn	1987	8,000	25.00	200,000	Ton	16.00	3,200,000
	1986	8,897	23.00	204,631	Ton	14.00	2,865,000
Other	1987	6,000	21.00	126,000	Ton	15.50	1,953,000
	1986	4,697	17.00	79,849	Ton	25.00	1,996,000

FIELD CROPS - cont'd

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
Sorghum Grain	1987	1,200	2.17	2,604	Ton	71.00	185,000
	1986	1,500	2.13	3,195	Ton	80.00	256,000
Dry Beans <u>a/</u>	1987	1,951	1.50	2,927	Ton	460.00	1,346,000
	1986	4,272	1.15	4,913	Ton	415.00	2,039,000
Sugar Beets	1987	2,016	26.50	53,424	Ton	30.00	1,603,000
	1986	1,656	27.20	45,043	Ton	31.30	1,410,000
Wheat	1987	55,120	2.93	161,502	Ton	107.00	17,281,000
	1986	22,718	2.80	63,610	Ton	99.00	6,297,000
TOTAL	1987	645,314					337,776,000
	1986	622,379					255,029,000*

a/ Soybeans and Blackeye Beans  
\* Revised

SEED CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
CERTIFIED SEED							
Alfalfa	1987	16,850	730	12,300,500	lb.	\$ 1.10	\$ 13,531,000
	1986	20,388	709	14,455,092	lb.	\$ 1.00	\$ 14,455,000
Barley	1987	3,077	3,380	10,400,260	lb.	0.05	520,000
	1986	2,534	3,560	9,021,040	lb.	0.08	722,000
Wheat	1987	12,947	5,700	73,797,900	lb.	0.05	3,690,000
	1986	20,401	5,140	104,861,140	lb.	0.08	8,388,000
OTHER SEED							
Lettuce	1987	165	406	66,990	lb.	3.17	212,000
	1986	236	506	119,416	lb.	4.99	596,000
Alfalfa	1987	1,200	730	876,000	lb.	1.00	876,000
	1986	1,010	709	716,090	lb.	.92	659,000
Misc. <u>a/</u>	1987	384					981,000
	1986	483					570,000
TOTAL	1987	34,623					19,810,000
	1986	45,052					25,390,000

a/ Cabbage, Flowers, Onion, Turf, and Watermelons.

FRUIT AND NUT CROPS

CROP	YEAR	ACREAGE		PRODUCTION		VALUE	
		BEARING	NON BEARING	PER ACRE	TOTAL TONS	PER TON	TOTAL
<b>Almonds</b>							
Dried	1987	3,208	71	.74	2,374	1,980.00	4,701,000
Dried	1986	3,203	76	.46	1,473	4,109.00	6,053,000
Hulls	1987				1,258	38.00	48,000
Hulls	1986				781	56.00	44,000
<b>Apricots</b>							
Fresh	1987				1,177	801.00	943,000
Processed	1987				<u>924</u>	115.75	<u>107,000</u>
Total	1987	235	15	8.94	2,101		1,050,000
Fresh	1986				696	1,233.00	858,000
Processed	1986				<u>547</u>	254.00	<u>139,000</u>
Total	1986	240	20	5.18	1,243		997,000
<b>Grapes</b>							
Raisin Var.	1987						
Fresh					700	725.00	508,000
Dried					3500	805.00	2,818,000
Crushed					9400	125.00	1,175,000
Cannery					<u>450</u>	185.00	<u>83,000</u>
Total		2,674			14,050		4,584,000
Raisin Var.	1986						
Fresh					720	775.00	558,000
Dried					3,200	758.00**	2,426,000**
Crushed					9,516	114.00	1,085,000
Cannery					<u>600</u>	180.00	<u>108,000</u>
Total		2,399	73		14,036		4,177,000
<b>Wine Varieties</b>							
Crushed	1987	1,214	76	10.00	12,140	140.00	1,700,000
Crushed	1986	1,214	76	12.00	14,568	125.00	1,821,000
Table Var.	1987	273	34	3.92	467	870.00	931,000
	1986	119	38	4.00	476	818.00	389,000
Grapes Total	1987	4,161	110				7,215,000
	1986	3,732	187				6,387,000
Kiwifruit	1987	260	73	5.50	1,430	2,000.00	2,860,000
	1986	200	131	7.81	1,562	2,000.00	3,124,000

\*\* A combined value reflecting Free, Reserve, and Diversion Program tonnage.

\* Revised

FRUIT AND NUT CROPS - cont'd

CROP	YEAR	ACREAGE		PRODUCTION		VALUE	
		BEARING	NON BEARING	PER ACRE	TOTAL TONS	PER TON	TOTAL
<b>Nectarines</b>							
Fresh	1987	1,345	377	7.14	9,603	742.00	7,125,000
Fresh	1986	1,305	337	5.73	7,478	590.00	4,412,000
Olives	1987	1,142		2.67	3,049	595.00	1,814,000
	1986	1,142		5.00	5,710	584.00	3,335,000
<b>Peaches</b>							
<b>Clingstone</b>							
Processed	1987	1,341	233	14.00	18,774	191.00	3,586,000
Processed	1986	1,241	165	18.37	22,797	168.00	3,830,000
<b>Freestone</b>							
Fresh	1987						
Processed	1987						
Total	1987	1,548	488	10.20	15,790	474.00	7,484,000
Fresh	1986						
Processed	1986						
Total	1986	1,448	420	9.00	13,032	515.00	6,711,000
Total Peaches	1987	2,889	721		34,564		11,070,000
	1986	2,689	585		35,829		10,541,000
<b>Pistachios</b>							
Dried	1987	3,521	1,839	0.43	1,514	2,980.00	4,512,000
Dried	1986	3,089	2,144	1.30	4,016	2,549.00	10,237,000
<b>Plums</b>							
Fresh	1987	1,886	328	5.00	9,430	477.00	4,498,000
Fresh	1986	1,786	346	4.53	8,091	649.00	5,251,000
<b>Pomegranates</b>							
Fresh	1987	161		9.45	1,521	400.00	608,000
Fresh	1986	146		7.44	1,086	640.00	695,000
<b>Walnuts</b>							
	1987	5,347	980	1.44	7,700	960.00	7,392,000
	1986	5,287	1040	1.51	7,983	920.00	7,344,000
<b>Misc. a/</b>							
	1987	367	115				644,000
	1986	380	15				650,000
<b>TOTAL</b>							
	1987	24,522	4,629				53,537,000
	1986	29,620	5,653				58,827,000

a/ Includes Apples, Asian Pears, Pecans, Persimmons, Prunes, Quince.

\* Revised

VEGETABLE CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
Broccoli							
Fresh	1987	960	4.55	4,368	Ton	318.52	1,391,000
Cantaloupes							
Fresh	1987	1,986	424.00	842,064	40lb. Crate	3.00	2,256,000
Fresh	1986	1,514	554.00	838,756	40lb. Crate	4.07	3,414,000
Carrots							
Processed	1987	459	28.90	13,265	Ton	31.50	418,000
Processed	1986	140	37.40	5,236	Ton	31.50	165,000
Fresh	1987	602	750.00	451,500	Cartons	5.00	2,258,000
Fresh	1986	915	400.00	366,000	Cartons	4.42	1,618,000
Onions							
Processed	1987	525	15.50	6,588	Ton	70.47	464,000
Processed	1986	406	24.99	10,146	Ton	61.00	619,000
Tomatoes							
Processed	1987	1,637	32.30	52,875	Ton	46.40	2,453,000
Processed	1986	1,499	26.70	40,023	Ton	51.00	2,041,000
Fresh	1987	1,965	13.82	27,156	Ton	345.29	9,377,000
Fresh	1986	1,182	14.71	17,387	Ton	214.00	3,721,000
Misc. <u>a/</u>	1987	4,096					5,140,000
	1986	3,201					5,907,000
TOTAL	1987	12,230					23,757,000
	1986	9,385					19,370,000

a/ Includes Asparagus, Bell Peppers, Cabbage, Cauliflower, Cucumbers, Egg-plant, Garbanzo Beans, Garlic, Lettuce, Misc. Melons, Onions, Potatoes, Snap Beans, Squash, Sweet Corn, and Watermelons.

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

ITEM	January 1, 1987	January 1, 1988
Milk Cows 2 Years and Over	70,000	70,000
Cattle and Calves on Feed	3,000	3,500
Other Cattle and Calves	130,000	127,000
Total	203,000	200,000
Sheep and Lambs	9,310	10,000
Goats	450	1,150
Hogs and Pigs	300	500
Hens and Pullets	194,000	156,000
Turkeys		458,000



LIVESTOCK AND POULTRY

ITEM	PRODUCTION		UNIT	PER UNIT	VALUE
	NO. OF HEAD	TOTAL LIVEWEIGHT			TOTAL
<b>Cattle &amp; Calves</b>					
1987	144,939	884,128	Cwt.	56.00	49,511,000
1986	140,107	877,070	Cwt.	47.00	41,222,000
<b>Sheep &amp; Lambs</b>					
1987	11,600	13,224	Cwt.	74.00	979,000
1986	9,000	10,828	Cwt.	66.00	715,000
<b>Hogs &amp; Pigs</b>					
1987	1,900	429,400	lb.	.53	228,000
1986	1,020	225,420	lb.	.54	122,000
<b>Turkeys</b>					
1987	1,831,942	37,774,644	lb.	.46	17,376,000
1986	1,492,931	31,351,551	lb.	.46	14,422,000
<b>Breeding Stock a/</b>					638,000
<b>Miscellaneous b/</b>					
1987					533,000
1986					516,000
<b>TOTAL</b>					
1987					69,265,000
1986					56,997,000

a/ For all Animals.

b/ Includes Geese, Goats, and Chickens.

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
<b>Eggs-Chicken</b>					
Market	1987	435,093	Doz.	.60	261,000
Market	1986	454,173	Doz.	.59	270,000
Goats Milk	1987	8,911	Cwt.	23.80	212,000
<b>Milk</b>					
Market	1987	11,659,538	Cwt.	11.24	131,053,000
Market	1986	10,854,000	Cwt.	11.57	125,581,000
Manufacturing	1987	31,067	Cwt.	10.47	325,000
Manufacturing	1986	18,500	Cwt.	10.80	200,000
<b>Wool</b>					
	1987	120,640	lb.	.90	109,000
	1986	93,600	lb.	.70	66,000
Manure	1987	77,533	Ton	5.12	397,000
<b>TOTAL</b>					
	1987				132,357,000
	1986				126,117,000

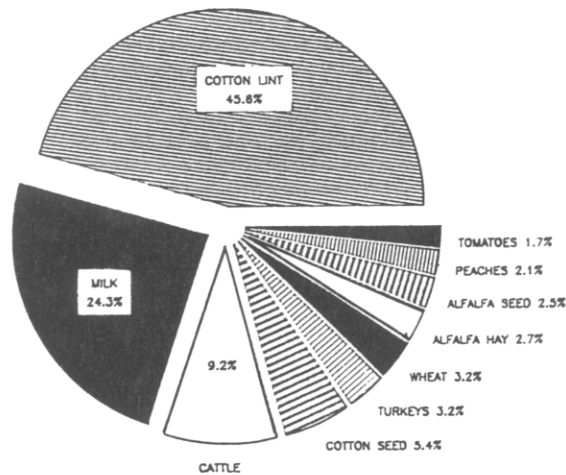
APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Honey	1987	3,657,094	lb.	.64	2,341,000
	1986	3,505,890	lb.	.61	2,139,000
Beeswax	1987	60,951	lb.	.95	58,000
	1986	58,431	lb.	.80	47,000
Pollination	1987	67,226	Colonies	19.00	1,277,000
	1986	76,215	Colonies	19.50	1,486,000
TOTAL	1987				3,676,000
	1986				3,672,000

1987 CROP SUMMARY

Field Crops	\$ 337,776,000	Seed Crops	\$ 19,810,000
Fruit and Nut Crops	53,537,000	Vegetable Crops	23,757,000
Livestock and Poultry	69,265,000	Apiary Products	3,676,000
Livestock and Poultry Products		\$ 132,357,000	
GRAND TOTAL		\$ 640,178,000	

TOP TEN CROPS OF KINGS COUNTY FOR 1987



5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	1983	1984	1985	1986	1987
Field Crops Acreage	\$228,929,000 603,000	\$277,163,000 700,927	\$262,055,000 647,189	\$255,029,000* 622,379	337,776,000 645,314
Fruit and Nut Acreage	41,719,000* 31,981*	48,366,000 22,499	46,070,000 24,277	59,070,000* 29,620	53,537,000 24,522
Livestock / Poultry	62,153,000	75,673,000	59,250,000	56,997,000	69,265,000
Livestock / Poultry Prod.	112,268,000	121,368,000	127,456,000	126,117,000	132,357,000
Seed Crops Acreage	18,095,000 25,994	26,103,000 33,832	28,201,000 41,831	25,390,000 45,052	19,810,000 34,623
Vegetable Crops Acreage	24,074,000 10,061	15,327,000 8,098	26,070,000 10,373	19,370,000 9,385	23,757,000 12,230
Apiary Products	4,572,000	5,716,000	3,364,000	3,672,000	3,676,000
<b>TOTALS</b>	<b>\$491,860,000*</b>	<b>\$569,716,000</b>	<b>\$552,466,000</b>	<b>\$545,645,000*</b>	<b>640,178,000</b>

\*Revised

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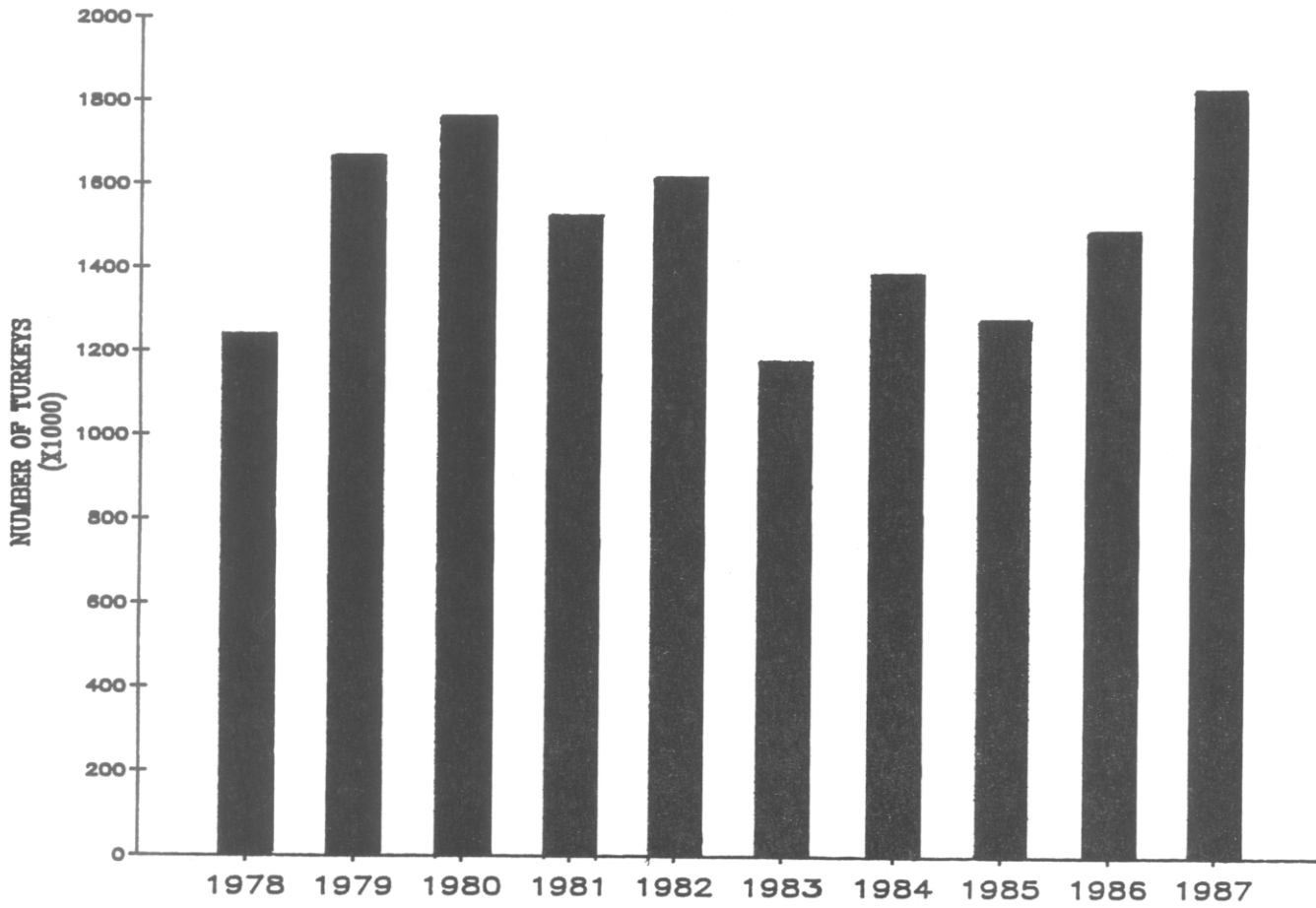
We hope you will find this Crop Report of interest and value to you. If you wish to remain on our mailing list to receive future Crop Reports, please return this card to us.

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Name: Individual and/or Company

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City State Zip

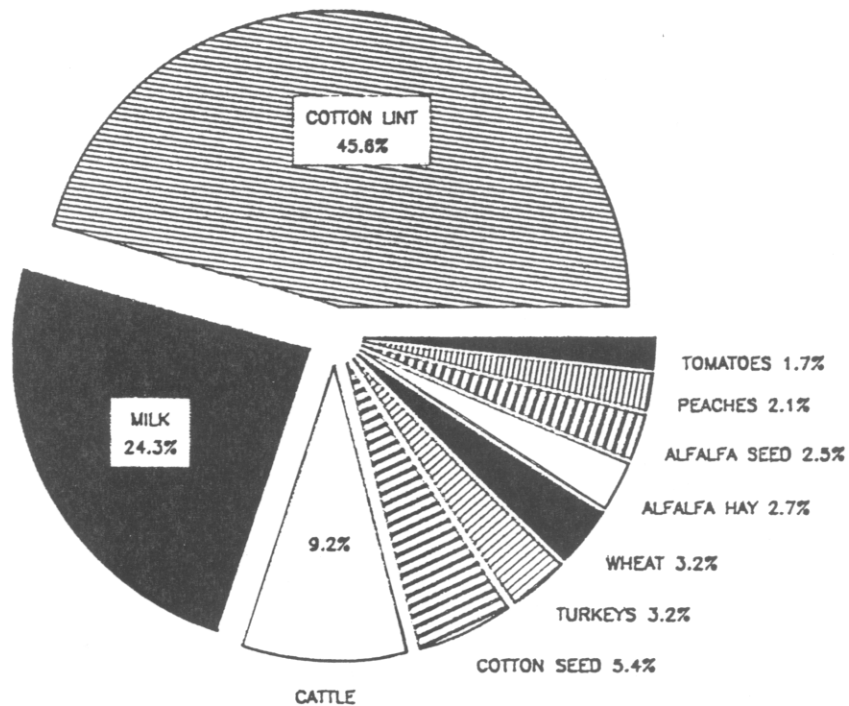
TURKEY PRODUCTION FOR KINGS COUNTY  
FOR THE LAST TEN YEARS



MILLION DOLLAR CROPS - 1987

Cotton Lint	\$ 245,695,000	Pistachios	\$ 4,512,000
Market Milk	131,053,000	Plums	4,498,000
Cattle and Calves	49,511,000	Barley	3,980,000
Cottonseed	29,094,000	Certified Wheat Seed	3,690,000
Turkeys	17,376,000	Corn Silage	3,200,000
Wheat	17,281,000	Kiwifruit	2,860,000
Alfalfa Hay	14,773,000	Processed Tomatoes	2,453,000
Certified Alfalfa Seed	13,531,000	Honey	2,341,000
Peaches	11,070,000	Fresh Carrots	2,258,000
Fresh Tomatoes	9,377,000	Cantaloupes	2,256,000
Safflower	8,513,000	Olives	1,814,000
Walnuts	7,392,000	Sugar Beets	1,603,000
Grapes	7,215,000	Broccoli	1,391,000
Nectarines	7,125,000	Irrigated Pasture	1,350,000
Corn	6,181,000	Dry Beans	1,346,000
Almonds	4,701,000	Pollination	1,277,000
		Apricots	1,050,000

KINGS COUNTY  
MILLION DOLLAR CROPS - 1987



GENERAL KINGS COUNTY INFORMATION

County Seat	Hanford
County Population (1986)	85,300
Population per Square Mile	61
Total Assessed Value	\$ 1,748,615,339
Land Area (Square Miles)	1392
Total Acres	918,790
Number of Farms (1982)	1,187
Land in Farms (Acres - 1986)	816,228
Foreign Ownership (Acres) (13 parcels - 1987)	8,255 (acres) (value - \$ 4,356,000)
Total Cropland (Acres -1982)	613,693
Irrigated Cropland (Acres - 1982)	554,114
Total Agricultural Work Force	7,190
Public Ownership of Land (Acres): (1977)	
Federal	30,974 (3.5%)
State	3,452 (.4%)
County & City	9,951 (1.1%)
School & Special Districts	4,426 (.4%)

Agricultural production ranked 11th among California counties and 16th among U.S. counties (Based on 1987 total value.)

Railroads - Santa Fe, Southern Pacific

Major Roads - Interstate 5 , Highway 41, Highway 43 & Highway 198

Water Sources - Kings River, Tule River, Kaweah River, Kern River, Calif. Aquaduct

Elevation - 225 to 250 feet above sea level (800 feet in the Kettleman Hills)

Average length of growing season: 257 days

Average date of last spring frost: March 3

Average climate: 196 sunny clear days, 74 partly cloudy days, 95 cloudy days

Average date of first fall frost: November 18





# AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA - 1988



KINGS COUNTY  
DEPARTMENT OF AGRICULTURE

\*\* PERSONNEL \*\*

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

Leland P. Tos          Dennis F. Bray          Susan Johnson

AGRICULTURAL AND STANDARDS INSPECTORS

Edwin L. Rush	Bernard Costa	Kaaren Anderson
Lloyd Bookout	Stephanie Colvin	Buzz Felleke
Alfredo Prieto	Jim Dodd	Steven Schweizer
Michael Leoni	Tim Niswander	Stephanie LeBarron
Stace Damerval	Vince Evans	Leonard Herrera

CLERICAL

Diane O'Daniel          Arlene Elsome          Sally Navarro

\*\*\*\*\*

CROP REPORT COVER: Kings County Agricultural Center.  
(See enclosed story.)

Photo Cover By  
Buzz Felleke, Inspector.

# COUNTY OF KINGS



## AGRICULTURAL COMMISSIONER SEALER OF WEIGHTS AND MEASURES

M. Hugh Handley  
Agricultural Commissioner  
Sealer Of Weights And Measures

680 N. Campus Drive

Hanford, California 93230

(209) 582-3211 Ext. 2830

April 3, 1989

Director  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Kings

Gentlemen:

It is my pleasure to submit to you this 1988 Agricultural Crop Report, which was compiled in accordance with Section 2279 of the California Food and Agricultural Code.

The gross value of agricultural crops and products in Kings County for the calendar year 1988 was 634,395,000., a \$2,000,000. decrease (.31%) from 1987 values.

The results of a two year drought, with a cool spring brought reduced yields to cotton, Kings County's major crop, which declined over \$51,000,000. including seed. Alfalfa hay and safflower, however, increased in value, due mainly to higher prices.

Fruits and nuts, seed crops and livestock and poultry production also reflected increased values, generally the result of both higher production and prices.

Vegetable crops reflected an \$8,000,000. increase from 1987, with reduced acreage.

All figures in this report are gross returns and do not indicate net profit received by growers.

This report could not have been possible without the many individuals and organizations who contributed their time and information. A special thanks is expressed to Buzz Felleke and Stace Damerval of my staff, who compiled the report.

Respectfully submitted,

M. Hugh Handley  
Agricultural Commissioner  
Sealer of Weights and Measures

MHH:ame

## THE AGRICULTURAL CENTER

This 1988 Agricultural Crop Report is dedicated to The Kings County Agricultural Center, our new 20,000 square foot office complex for five agricultural agencies with a multi-use conference room equipped with kitchen facilities.

The Agricultural Center contains new offices for:

Kings County Agricultural Commissioner  
Sealer of Weights & Measures

University of California Cooperative Extension

USDA Agricultural Stabilization and Conservation Service

USDA Farmers Home Administration

USDA Soil Conservation Service

The Agricultural Center is a tribute to the agricultural community of Kings County, as well as serving as a model for other counties. It provides farmers and agricultural businesses with the convenience of one-stop service for business and meetings, plus saving time and money for it's users.

ANNUAL CROP REPORT  
FOR YEAR 1988

\*\*\*\*\*

KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

\*\*\*\*\*

KINGS COUNTY  
BOARD OF SUPERVISORS

LES BROWN.....DISTRICT I  
JOE HAMMOND.....DISTRICT II  
DOM FARUZZI.....DISTRICT III  
NICK KINNEY.....DISTRICT IV  
ABEL MEIRELLES.....DISTRICT V

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

\*\*\*\*\*

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## FIELD CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
Barley	1988	19,395	2.18	42,281	Ton	\$ 115.00	\$ 4,862,000
	1987	24,195	1.75	42,341	Ton	94.00	3,980,000
Corn	1988	9,558	4.50	43,011	Ton	120.00	5,161,000
	1987	13,400	5.74	77,260	Ton	80.00	6,181,000
Cotton Lint <u>a/</u>	1988	289,209	0.46*	133,036	Ton	1360.00**	180,929,000
	1987	259,347	0.61	158,202	Ton	1543.00	244,105,000
Cottonseed	1988			223,088	Ton	185.00	41,271,000
	1987			264,487	Ton	110.00	29,094,000
Cotton Planting Seed	1988			3,268	Ton	208.00	680,000
	1987			3,451	Ton	211.00	728,000
Dry Beans <u>b/</u>	1988	1,800	1.50	2,700	Ton	495.00	1,336,000
	1987	1,951	1.50	2,927	Ton	460.00	1,346,000
Hay Alfalfa	1988	26,749	7.35	196,605	Ton	89.00	17,498,000
	1987	30,161	6.20	186,998	Ton	74.00	14,773,000
Grain	1988	1,122	3.80	4,264	Ton	70.00	298,000
	1987	2,973	3.40	10,108	Ton	55.00	556,000
Pasture Irrigated	1988	12,000			Acre	108.00	1,296,000
	1987	12,500			Acre	108.00	1,350,000
Range	1988	120,000			Acre	2.00	240,000
	1987	150,000			Acre	2.00	300,000
Other	1988	50,000			Acre	18.00	900,000
	1987	49,000			Acre	18.00	882,000
Safflower	1988	34,169	1.51	51,595	Ton	296.00	15,272,000
	1987	29,451	1.49	43,882	Ton	194.00	8,513,000
Screenings	1988			3,420	Ton	42.00	144,000
	1987			4,468	Ton	35.00	156,000

a/ 1987 Unit Value reported as 495 lb. bales; 4 bales per ton.

b/ Soybeans and Blackeye Beans.

\* 1.87 Bales per acre.

\*\* \$337 per bale.

## FIELD CROPS cont.

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
Silage Corn	1988	5,883	28.50	167,666	Ton	\$18.00	\$3,018,000
	1987	8,000	25.00	200,000	Ton	16.00	3,200,000
Other	1988	3,591	18.00	64,638	Ton	16.00	1,034,000
	1987	6,000	21.00	126,000	Ton	15.50	1,953,000
Sugar Beets	1988	2,656	23.00	61,088	Ton	30.00	1,833,000
	1987	2,016	26.50	53,424	Ton	30.00	1,603,000
Wheat	1988	41,041	2.86	117,377	Ton	122.00	14,320,000
	1987	55,120	2.93	161,502	Ton	107.00	17,281,000
Misc. a/	1988	853					293,000
TOTAL	1988	618,026					290,385,000
	1987	645,314					336,001,000*

a/ Sorghum Grain and Triticale.

\* Revised.

## SEED CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
CERTIFIED SEED							
Alfalfa	1988	17,384	654	11,369,136	lb.	\$ 1.31	\$14,894,000
	1987	16,850	730	12,300,500	lb.	1.10	13,531,000
Barley	1988	620	5,340	3,310,800	lb.	0.06	199,000
	1987	3,077	3,380	10,400,260	lb.	0.05	520,000
Wheat	1988	10,372	6,620	68,662,640	lb.	0.07	4,806,000
	1987	12,947	5,700	73,797,900	lb.	0.05	3,690,000
OTHER SEED							
Lettuce	1988	172	491	84,452	lb.	2.38	201,000
	1987	165	406	66,990	lb.	3.17	212,000
Alfalfa	1988	1,000	654	654,000	lb.	1.10	719,000
	1987	1,200	730	876,000	lb.	1.00	876,000
Misc. a/	1988	2,848					4,099,000
	1987	384					981,000
TOTAL	1988	32,396					24,918,000
	1987	34,623					19,810,000

a/ Corn, Flowers, Turf, and Watermelons.

FRUIT AND NUT CROPS

CROP	YEAR	ACREAGE		PRODUCTION		VALUE		
		BEARING	NON BEARING	PER ACRE	TOTAL	PER TON	TOTAL	
<b>Almonds</b>								
Dried	1988	2,998	121	.69	2,069	\$ 1,800.00	\$ 3,724,000	
Dried	1987	3,208	71	.74	2,374	1,980.00	4,701,000	
Hulls	1988				1,097	65.00	71,000	
Hulls	1987				1,258	38.00	48,000	
<b>Apricots</b>								
Fresh	1988				1,164	892.00	1,038,000	
Processed	1988				349	270.00	94,000	
Total	1988	250		7.76	1,940		1,132,000	
Fresh	1987				1,177	801.00	943,000	
Processed	1987				924	115.75	107,000	
Total	1987	235	15	8.94	2,101		1,050,000	
<b>Grapes</b>								
Raisin Var.	1988							
Fresh					2,126	694.00	1,475,000	
Dried					1,484	887.00	1,316,000	
Crushed					9,783	127.00	1,242,000	
Cannery					240	200.00	48,000	
Total		2,213			13,636		4,081,000	
Raisin Var.	1987							
Fresh					700	725.00	508,000	
Dried					3,500	805.00	2,818,000	
Crushed					9,400	125.00	1,175,000	
Cannery					600	185.00	83,000	
Total		2,674			14,050		4,584,000	
<b>Wine Varieties</b>								
Crushed	1988	800		9.00	7,200	152.00	1,094,000	
Crushed	1987	1,214	76	10.00	12,140	140.00	1,700,000	
Table Var.	1988	264	44	8.26	2,181	874.00	1,906,000	
	1987	273	34	3.92	467	870.00	931,000	
Grapes Total	1988	3,277	44				7,081,000	
	1987	4,161	110				7,215,000	
Kiwifruit	1988	323		5.00	1,615	1,906.00	3,078,000	
	1987	260	731	5.50	1,430	2,000.00	2,860,000	
Nectarines	1988	1,276	507	9.76	12,454	779.00	9,702,000	
	1987	1,345	377	7.14	9,603	742.00	7,125,000	

FRUIT AND NUT CROPS cont.

CROP	YEAR	ACREAGE		PRODUCTION		VALUE	
		BEARING	NON BEARING	PER ACRE	TOTAL	PER TON	TOTAL
<hr/>							
Olives	1988	1,142		3.51	4,008	\$ 587.00	\$ 2,353,000
	1987	1,142		2.67	3,049	595.00	1,814,000
Peaches							
Clingstone							
Processed	1988	1,052	234	20.00	21,040	213.00	4,482,000
Processed	1987	1,341	233	14.00	18,774	191.00	3,586,000
Freestone							
Fresh	1988						
Processed	1988						
Total	1988	1,757	656	11.13	19,555	715.00	13,982,000
Fresh	1987						
Processed	1987						
Total	1987	1,548	488	10.20	15,790	474.00	7,484,000
Total Peaches	1988	2,809	890		40,595		18,464,000
	1987	2,889	721		34,564		11,070,000
Pistachios							
Dried	1988	4,404	1,928	0.90	3,964	2,760.00	10,941,000
Dried	1987	3,521	1,839	0.43	1,514	2,980.00	4,512,000
Plums							
Fresh	1988	1,974	342	6.36	12,555	715.00	8,977,000
Fresh	1987	1,886	328	5.00	9,430	477.00	4,498,000
Pomegranates							
Fresh	1988	161		6.97	1,122	636.00	714,000
Fresh	1987	161		9.45	1,521	400.00	608,000
Walnuts							
	1988	4,462	1,645	1.56	6,961	980.00	6,822,000
	1987	5,347	980	1.44	7,700	960.00	7,392,000
Wood a/	1988				492*		41,000
Misc. b/	1988	479	161				2,261,000
	1987	367	115				644,000
<hr/>							
TOTAL	1988	29,641	6,572				75,361,000
	1987	24,522	4,629				53,537,000

a/ Includes all Varieties.

b/ Includes Apples, Asian Pears, Jojoba, Pecans, Persimmons, Prunes, Quince.

\* Measured in Cords.



VEGETABLE CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
Broccoli							
Fresh	1988	842	5.89	4,959	Ton	\$ 343.00	\$ 1,701,000
	1987	960	4.55	4,368	Ton	318.52	1,391,000
Cantaloupes <u>a/</u>							
Fresh	1988	1,044	8.64	9,020	Ton	320.00	2,886,000
Fresh	1987	1,986	8.48	16,841	Ton	150.00	2,526,000*
Onions							
Processed	1988	395	20.00	7,900	Ton	70.00	553,000
Processed	1987	525	15.50	6,588	Ton	70.47	464,000
Tomatoes							
Processed	1988	720	27.80	20,016	Ton	48.20	965,000
Processed	1987	1,637	32.30	52,875	Ton	46.40	2,453,000
Fresh	1988	2,187	15.81	34,576	Ton	442.00	15,283,000
Fresh	1987	1,965	13.82	27,156	Ton	345.29	9,377,000
Misc. <u>b/</u>	1988	2,798					8,435,000
	1987	4,096					5,140,000
TOTAL	1988	7,986					29,823,000
	1987	12,230					21,351,000*

a/ 1987 Unit Value reported as 40 lb. crate; 50 crates per ton.

b/ Includes Asparagus, Bell Peppers, Chinese Cabbage, Eggplant, Garbanzo Beans, Lettuce, Lima Beans, Misc. Melons, Onions, Processed Carrots, Processed Garlic, Squash, Sweet Corn, Watermelons.

\* Revised.

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

ITEM	January 1, 1988	January 1, 1989
Milk Cows 2 Years and Over	70,000	71,000
Cattle and Calves on Feed	3,000*	3,500
Other Cattle and Calves	127,000	128,500
Total	200,000	203,000
Sheep and Lambs	10,000	19,000
Goats	1,150	1,200
Hogs and Pigs	500	600
Hens and Pullets	156,000	108,000
Turkeys	458,000	433,651

\* Revised.

## LIVESTOCK AND POULTRY

ITEM	PRODUCTION		UNIT	PER UNIT	VALUE
	NO. OF HEAD	TOTAL LIVEWEIGHT			TOTAL
Cattle & Calves					
1988	146,212	891,893	Cwt.	\$ 64.50	\$ 57,527,000
1987	144,939	884,128	Cwt.	56.00	49,511,000
Sheep & Lambs					
1988	12,676	14,831	Cwt.	87.00	1,290,000
1987	11,600	13,224	Cwt.	74.00	979,000
Hogs & Pigs					
1988	1,076	243,176	lb.	0.46	112,000
1987	1,900	429,400	lb.	0.53	228,000
Turkeys					
1988	1,734,604	36,426,684	lb.	0.50	18,213,000
1987	1,831,942	37,774,644	lb.	0.46	17,376,000
Breeding Stock <u>a/</u>					
1988					969,000
1987					638,000
Miscellaneous <u>b/</u>					
1988					1,802,000
1987					533,000
TOTAL					
	1988				79,913,000
	1987				69,265,000

a/ For all Animals.

b/ Includes Catfish, Chickens, and Goats.

## LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	TOTAL
				PER UNIT	
Eggs-Chicken					
Market	1988	230,600	Doz.	\$ 0.61	\$ 141,000
Market	1987	435,093	Doz.	0.60	261,000
Goats Milk					
	1988	11,183	Cwt.	22.00	246,000
	1987	8,911	Cwt.	23.80	212,000
Milk					
Market	1988	12,061,843	Cwt.	10.68	128,820,000
Market	1987	11,655,342*	Cwt.	11.24	131,012,000*
Manufacturing					
Manufacturing	1988	44,376	Cwt.	9.89	439,000
	1987	30,814*	Cwt.	10.47	323,000*
Wool					
	1988	131,830	lb.	1.62	214,000
	1987	120,640	lb.	0.90	109,000
Manure					
	1988	291,150	Ton	3.92	1,144,000
	1987	273,998*	Ton	5.00*	1,369,000*
TOTAL					
	1988				131,004,000
	1987				133,286,000*

\* Revised.

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Honey	1988	2,995,921	lb.	\$ 0.57	\$ 1,708,000
	1987	2,823,492*	lb.	0.64	1,807,000*
Beeswax	1988	49,932*	lb.	0.85	42,000
	1987	47,058*	lb.	0.95	45,000*
Pollination	1988	63,743	Colonies	19.47	1,241,000
	1987	67,226	Colonies	19.00	1,277,000
TOTAL	1988				2,991,000
	1987				3,129,000*

\* Revised.

1988 CROP SUMMARY

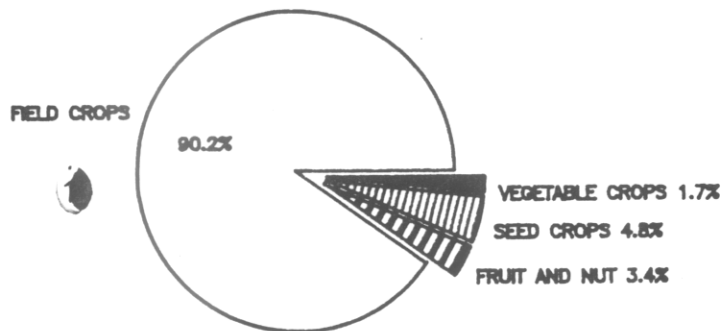
Field Crops	\$ 290,385,000	Seed Crops	\$ 24,918,000
Fruit and Nut Crops	75,361,000	Vegetable Crops	29,823,000
Livestock and Poultry	79,913,000	Apiary Products	2,991,000
Livestock and Poultry Products		\$ 131,004,000	
GRAND TOTAL			\$ 634,395,000

FIVE YEAR COMPARISON OF ACREAGE AND CROP VALUES

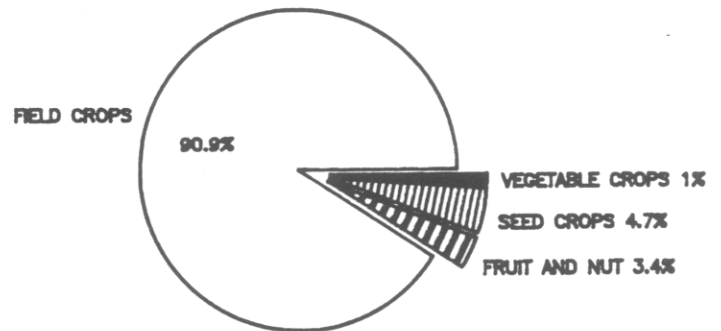
	1984	1985	1986	1987	1988
Field Crops	\$227,163,000	\$262,055,000	\$255,029,000*	\$336,001,000*	\$290,385,000
Acreage	700,000	647,189	622,379	645,314	618,026
Fruit and Nut	48,366,000	46,070,000	59,070,000*	53,537,000	75,361,000
Acreage	22,499	24,277	29,620	24,522	23,555
Livestock / Poultry	75,673,000	59,250,000	56,997,000	69,265,000	79,913,000
Livestock / Poultry Prod.	121,368,000	127,456,000	126,117,000	133,286,000*	131,004,000
Seed Crops	26,103,000	28,201,000	25,390,000	19,810,000	24,918,000
Acreage	33,832	41,831	45,052	34,623	32,396
Vegetable Crops	15,327,000	26,070,000	19,370,000	21,351,000*	29,823,000
Acreage	8,098	10,373	9,385	12,230	7,986
Apiary Products	5,716,000	3,364,000	3,672,000	3,129,000*	2,991,000
<b>TOTALS</b>	<b>569,716,000</b>	<b>552,466,000</b>	<b>545,645,000*</b>	<b>636,379,000*</b>	<b>634,395,000</b>

\*Revised

# TOTAL ACRES FARMED 1987-1988

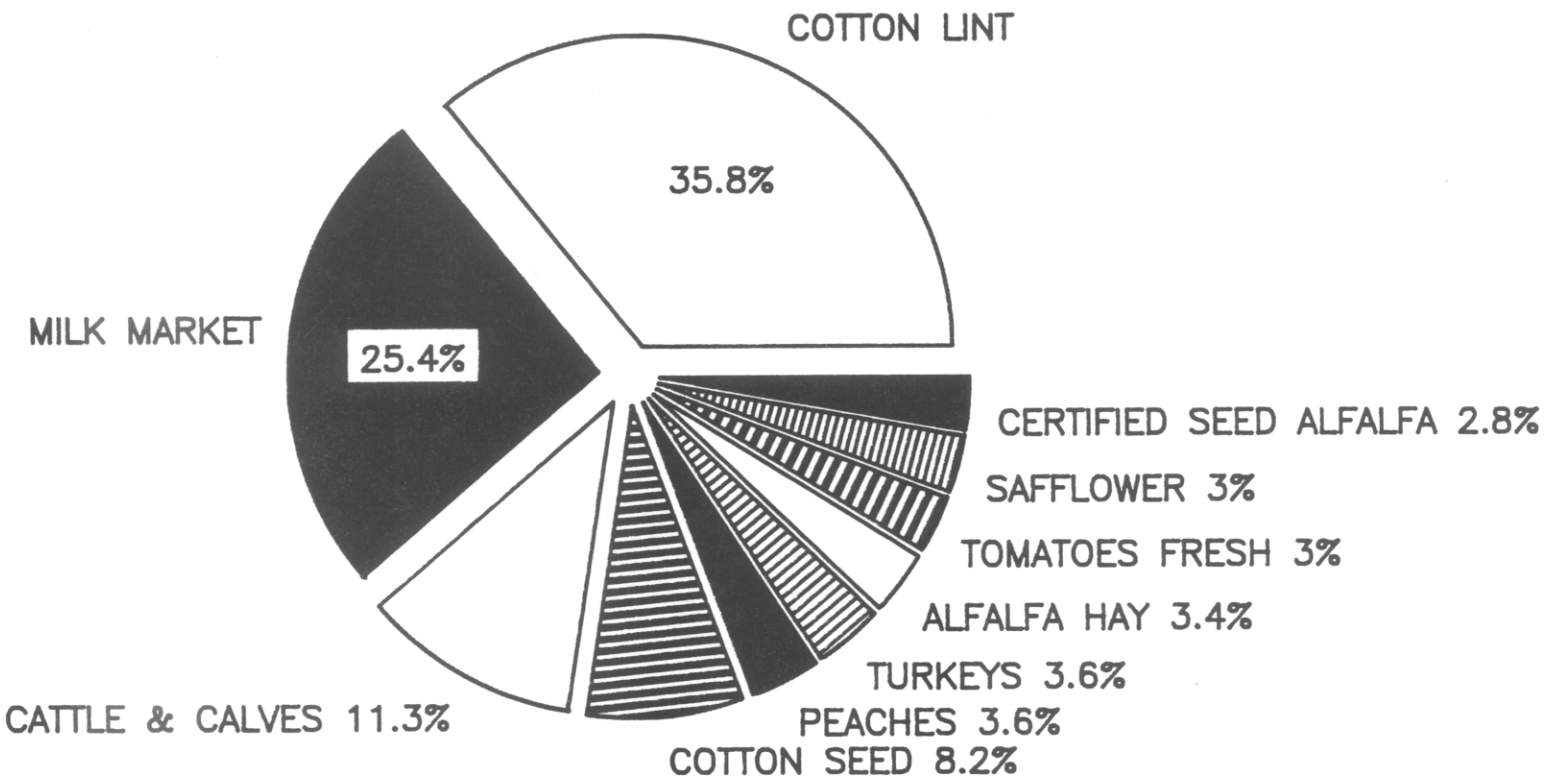


1987



1988

# TOP TEN CROPS OF KINGS COUNTY FOR 1988



MILLION DOLLAR CROPS - 1988

Cotton Lint	\$ 180,929,000	Barley	\$ 4,862,000
Market Milk	128,820,000	Certified Wheat Seed	4,806,000
Cattle and Calves	57,527,000	Almonds	3,724,000
Cottonseed	41,271,000	Kiwifruit	3,078,000
Peaches	18,464,000	Silage Corn	3,018,000
Turkeys	18,213,000	Cantaloupes	2,886,000
Alfalfa Hay	17,498,000	Olives	2,353,000
Fresh Tomatoes	15,283,000	Sugar Beets	1,833,000
Safflower	15,272,000	Honey	1,708,000
Certified Alfalfa Seed	14,894,000	Broccoli	1,701,000
Wheat	14,320,000	Dry Beans	1,336,000
Pistachios	10,941,000	Irrigated Pasture	1,296,000
Nectarines	9,702,000	Sheep and Lambs	1,290,000
Plums	8,977,000	Pollination	1,241,000
Grapes	7,081,000	Manure	1,144,000
Walnuts	6,822,000	Apricots	1,132,000
Corn	5,161,000	Silage, Other	1,034,000

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We hope you will find this Crop Report of interest and value to you. If you wish to remain on our mailing list to receive future Crop Reports, please return this card to us.

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 Name: Individual and/or Company

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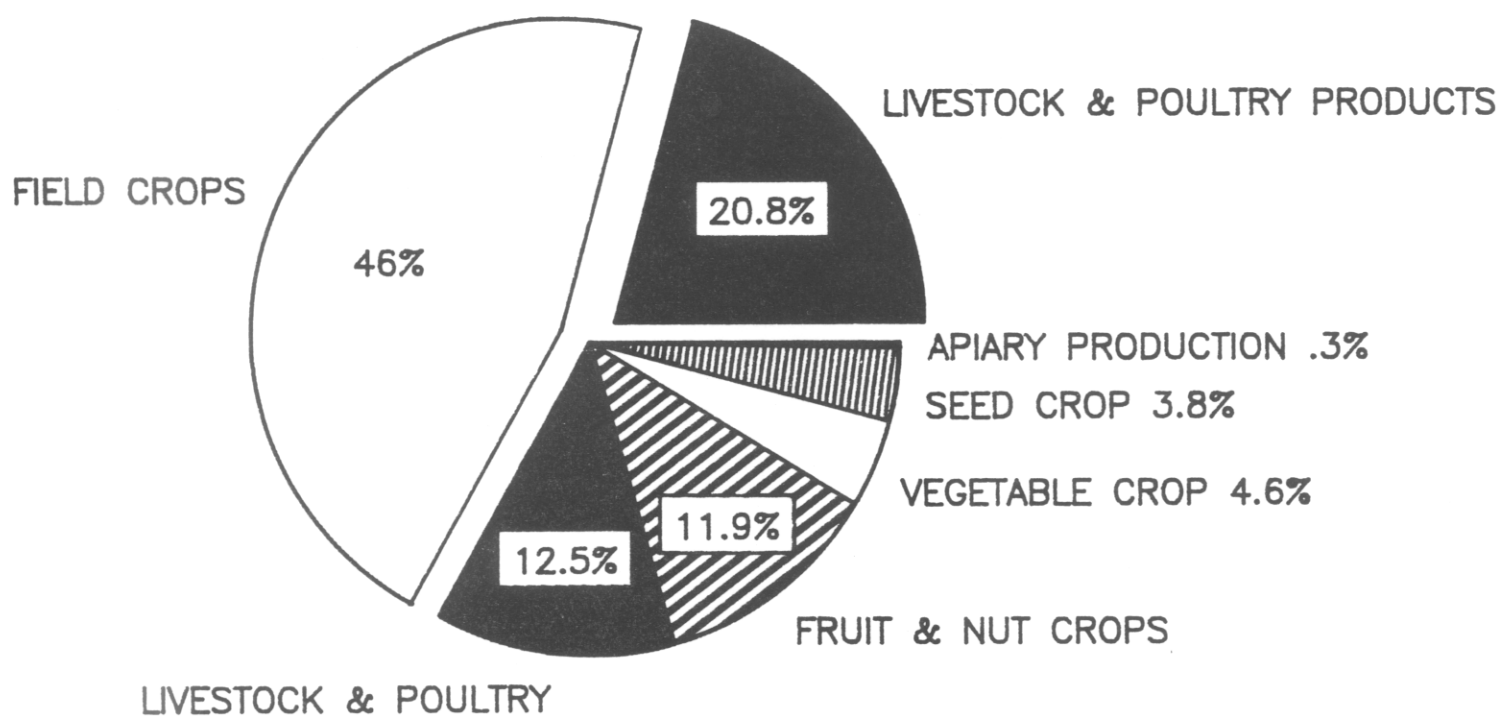
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 Street/Avenue

\_\_\_\_\_  
 City

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 State

\_\_\_\_\_  
 Zip

# KINGS COUNTY 1988 TOTAL CROP VALUE



GENERAL KINGS COUNTY INFORMATION

County Seat	Hanford
County Population (1988)	91,995
Population per Square Mile	66.0
Total Assessed Value (1988)	\$2,440,992,000
Land Area (Square Miles)	1,392
Total Acres	918,790
Number of Farms (1988)	1,187
Land in Farms (Acres - 1988)	808,000
Foreign Ownership (13 parcels - 1987)	8,255 (acres) (value-\$ 4,356,000)
Total Cropland (Acres - 1988)	614,000
Irrigated Cropland (Acres - 1982)	554,114
Total Agricultural Work Force	6,420
Public Ownership of Land (Acres - 1977)	
Federal	30,974 (3.4%)
State	5,016 (.5%)
County & City	9,544 (1.0%)
School & Special Districts	4,426 (.4%)

Agricultural production ranked 11th among California counties and 16th among U.S. counties.(Based on 1984 total value.)

Railroads - Santa Fe, Southern Pacific.

Major Roads - Interstate 5, Highway 41, Highway 43 & Highway 198.

Water Sources - Kings River, Tule River, Kaweah River, Kern River, California Aquaduct.

Elevation - 225 to 250 feet above sea level. (800 feet in the Kettleman Hills.)

Average length of growing season: 257 days.

Average date of last spring frost: March 3.

Average climate: 196 sunny clear days, 74 partly cloudy days, 95 cloudy days.

Average date of first fall frost: November 18.



HANFORD, CALIFORNIA

RAINFALL TABLE

YEAR	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	TOTAL
1938-39	.17	.07	.00	.13	.19	.16	1.37	1.54	.77	1.44	.91	.00	6.75
1939-40	.12	.00	.00	.04	.57	.06	.22	3.53	3.61	.99	.18	.00	9.32
1940-41	.00	.00	.00	.00	.85	.00	3.65	1.51	3.90	1.82	2.64	.00	14.37
1941-42	.00	.00	.00	.00	.86	.50	3.32	.91	.88	.50	1.19	.16	8.32
1942-43	.00	.00	.00	.00	.00	.43	.86	2.74	1.14	3.36	.84	.00	9.37
1943-44	.00	.00	.00	.00	.03	.21	1.03	1.30	2.80	.39	.86	.28	6.90
1944-45	.00	.00	.00	.02	.23	2.25	1.05	.27	2.69	1.81	.16	.10	8.58
1945-46	.18	.00	.00	.01	.62	1.15	1.61	.34	1.52	2.57	.07	.41	8.48
1946-47	.00	.11	.00	.00	1.49	1.10	1.64	.33	.49	.51	.66	.33	6.66
1947-48	.01	.00	.00	.00	.47	.29	.51	.00	.43	1.49	1.56	.55	5.31
1948-49	.53	.00	.00	.00	.00	.03	.01	.99	.51	.85	1.94	.07	4.93
1949-50	.00	.00	.00	.00	.00	.00	.60	.68	1.48	1.13	1.10	.40	5.39
1950-51	.07	.00	.08	.00	.00	.34	.63	1.06	1.24	.76	.22	1.17	5.57
1951-52	.02	.00	.00	.00	.08	1.11	2.39	3.03	.27	2.18	.79	.01	9.88
1952-53	.02	.00	.00	.17	.05	.65	2.96	1.10	.27	.34	.83	.29	6.68
1953-54	.08	.00	.00	.00	.02	1.01	.09	1.89	.78	2.21	.52	.34	6.94
1954-55	.00	.00	.00	.00	.00	.66	1.61	3.25	1.31	.43	.69	.90	8.85
1955-56	.00	.00	.00	.00	.02	.92	4.67	1.10	.38	.10	.73	.77	8.69
1956-57	.07	.00	.00	.00	.73	.00	.15	1.39	1.22	.05	.88	.61	5.10
1957-58	.00	.00	.00	.00	.20	1.19	1.41	1.85	2.30	3.93	2.38	.24	13.50
1958-59	.00	.00	.11	.11	.00	.23	.16	1.35	1.90	.11	.52	.00	4.49
1959-60	.00	.00	.00	.11	.00	.00	.17	.80	1.71	.61	.57	.00	3.97
1960-61	.00	.02	.00	.53	.00	2.61	.03	1.34	.22	.67	.22	.37	6.01
1961-62	.00	.00	.00	.00	.00	1.11	1.28	.71	4.88	1.06	.00	.11	9.15
1962-63	.00	.00	.00	.01	.10	.00	.19	1.19	1.68	1.37	2.88	.56	7.98
1963-64	.17	.00	.00	.33	.75	1.23	.31	.61	.02	.94	.64	.20	5.20
1964-65	.00	.00	.34	.00	.95	1.31	1.44	1.18	.33	.33	1.57	.00	7.45
1965-66	.00	.00	.05	.07	.05	2.15	1.97	.63	.71	.10	.00	.07	5.80
1966-67	.06	.04	.00	.29	.09	1.28	2.57	1.41	.05	2.42	2.95	.07	11.23
1967-68	.23	.00	.00	.31	.00	1.99	.50	.62	.64	1.00	.50	.08	5.87
1968-69	.00	.00	.00	.00	1.33	.98	1.64	6.69	4.54	.79	.85	.32	17.14
1969-70	.21	.07	.00	.15	.05	.51	.70	1.60	1.33	1.42	.14	.00	6.18
1970-71	.00	.00	.00	.00	.00	2.40	1.23	.35	.19	.23	.40	1.44	6.24
1971-72	.00	.00	.00	.04	.06	.41	1.87	.04	.35	.00	.23	.00	3.00
1972-73	.00	.00	.00	.24	.21	2.90	.65	2.44	2.29	2.20	.12	.00	11.05
1973-74	.00	.00	.00	.00	.76	.46	.94	2.97	.13	1.75	.03	.00	7.04
1974-75	.00	.00	.00	.00	.65	.24	1.40	.09	2.26	1.24	.49	.00	6.37
1975-76	.00	.00	.00	.98	.76	.05	.22	.00	2.94	.19	1.47	.03	6.64
1976-77	.01	.00	.22	1.47	.00	1.15	.96	.96	.03	.43	.00	.01	5.24
1977-78	.07	.00	.00	.00	.05	.06	2.85	2.22	5.05	4.12	1.71	.00	16.13
1978-79	.00	.00	.00	1.10	.00	.79	.50	1.84	1.61	1.16	.03	.00	7.03
1979-80	.00	.04	.00	.08	.41	.62	.41	2.90	2.71	1.28	.05	.04	8.54
1980-81	.00	.00	.00	.00	.09	.00	.21	1.80	.86	2.10	.68	.17	5.91
1981-82	.00	.00	.00	.00	.76	1.08	.29	.84	.33	3.52	1.75	.00	8.57
1982-83	.45	.18	.00	.64	1.03	2.15	.71	3.74	2.59	3.39	1.63	.04	16.55
1983-84	.00	.00	.05	.82	.43	1.66	1.22	.01	.42	.27	.18	.00	5.06
1984-85	.00	.00	.00	.01	.52	1.41	1.66	.59	.61	.68	.12	.01	5.61
1985-86	.00	.05	.00	.00	.54	2.11	.56	1.46	2.60	3.40	.45	.00	11.17
1986-87	.00	.00	.00	.15	.00	.21	.77	1.77	2.04	2.02	.06	.13	7.15
1987-88	.05	.00	.00	.00	.86	.72	1.74	1.37	.40	.93	2.65	.07	8.79
1988-89	.06	.00	.00	.00	.00	1.33	2.29						3.68

AVERAGE .05 .01 .02 .15 .33 .89 1.20 1.45 1.47 1.33 .84 .21 7.84

50 year average rainfall 7.84

# AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA 1989



KINGS COUNTY  
DEPARTMENT OF AGRICULTURE

\*\* PERSONNEL \*\*

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

Leland P. Tos          Dennis F. Bray          Susan Johnson

AGRICULTURAL AND STANDARDS INSPECTORS

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Lloyd Bookout	Stephanie Colvin	Buzz Felleke
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Stace D. Leoni	Vince Evans	Leonard Herrera
Robert Torrez	Linda Schrupf	Timmie Bressler

CLERICAL

Diane O'Daniel          Arlene Elsome          Sally Navarro

\*\*\*\*\*

Crop Report Cover: SAFFLOWER:  
"ITS OIL MEETING THE NEEDS OF THE 1990'S."

# COUNTY OF KINGS



## AGRICULTURAL COMMISSIONER SEALER OF WEIGHTS AND MEASURES

M. Hugh Handley  
Agricultural Commissioner  
Sealer Of Weights And Measures

680 N. Campus Drive

Hanford, California 93230

(209) 582-3211 Ext. 2830

April 2, 1990

Henry J. Voss, Director  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Kings

Gentlemen:

I am pleased to submit the 1989 Agricultural Crop Report, for the acreage, production and value of agricultural crops and products in Kings County, which was compiled in accordance with Section 2279 of the California Food and Agricultural Code.

This year's agricultural crop and livestock report represents a total gross return of \$741,553,000. This is an increase of \$107,158,000. over the previous year.

It must be emphasized that this report reflects a gross return and in no way represents a measure of profit or loss to the producer.

I wish to express my appreciation for the continuing cooperation of all those who have provided the information necessary for the compilation of the report. I would also like to express my appreciation to Buzz Felleke and Stace Leoni of my staff, who compiled the report.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "M. Hugh Handley".

M. Hugh Handley  
Agricultural Commissioner  
Sealer of Weights and Measures

MHH:dod

## SAFFLOWER

Safflower, Carthamus tinctorius L. is a member of the thistle family, and related to the artichoke. It is an upright annual, 2 to 6 feet high, with yellow or orange flower heads which makes it highly attractive to bees.

Safflower was first grown for colorings by the Egyptians. In 1930's safflower was introduced to the United States, mainly in Montana on a small scale. In Kings County, one of the farming companies grew safflower experimentally, near Corcoran in 1931. In 1950, safflower plantings by California growers was disastrous due to root-rot problem. After further field testing in Kings County, the first commercial safflower crop was a success in 1957. Since then, acreages have continued to increase in Kings County, except for 1983, when the acreage dropped drastically due to the flooding of the Tulare Lake Basin.

Safflower has an unusually fast growing root system, which may grow to depths of 12 feet in four to five months. This deep rooting has been most beneficial to compacted or water saturated soil. Leaching of salts also can occur with subsequent irrigation, benefiting crops such as cotton and barley that follow safflower.

Growers call it a non-care crop, as safflower can be planted on moist, fertile soil in March and requires no further care until harvest.

Safflower was initially used as a coloring for food and dyes and later the seed was used in interior paints. In the 1950's it was discovered as a food source, particularly for the preparation of high polyunsaturated foods (margarine and cooking oil) aiding in the lessening of cholesterol in the human circulatory system. It's bland flavor makes it suitable for spray food coatings for dried fruit, and a medium for carry flavors, seasonings, and nutritional supplements.

The most popular variety grown in Kings County is 5317 with an oil structure of oleic acid, low saturated fat, and very stable, making it very suitable for salad oil. As consumers become more aware of the health benefits of safflower, demand for it's use should increase.

ANNUAL CROP REPORT  
FOR YEAR 1989

\*\*\*\*\*

KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

\*\*\*\*\*

KINGS COUNTY  
BOARD OF SUPERVISORS

LES BROWN.....DISTRICT I  
JOE HAMMOND.....DISTRICT II  
DOM FARUZZI.....DISTRICT III  
NICK KINNEY.....DISTRICT IV  
ABEL MEIRELLES.....DISTRICT V

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

\*\*\*\*\*

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## FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Barley	1989	22,577	2.26	51,024	Ton	\$ 121.00	\$ 6,174,000
	1988	19,395	2.18	42,281	Ton	\$ 115.00	\$ 4,862,000
Beans							
Dry <u>a/</u>	1989	2,500	1.00	2,500	Ton	421.00	1,054,000
	1988	1,800	1.50	2,700	Ton	495.00	1,336,000
Corn							
Grain	1989	8,622	4.80	41,414	Ton	104.00	4,307,000
	1988	9,558	4.50	43,011	Ton	120.00	5,161,000
Cotton							
Acala-Lint <u>b/</u>	1989	245,763	2.40	589,831	495 lb.	366.00	215,878,000
	1988	289,209	1.87	540,821	495 lb.	337.00	182,257,000
Acala-Seed	1989			243,305	Ton	165.00	40,145,000
	1988			223,088	Ton	185.00	41,271,000
Cotton							
Pima-Lint <u>b/</u>	1989	1,377	2.33	3,208	495 lb.	465.00	1,492,000
	1989			1,323	Ton	130.00	172,000
Hay							
Alfalfa	1989	31,144	8.95	278,739	Ton	102.00	28,431,000
	1988	26,749	7.35	196,605	Ton	89.00	17,498,000
Other <u>c/</u>	1989	1,100	3.80	4,180	Ton	80.00	334,000
	1988	1,122	3.80	4,264	Ton	70.00	298,000
Pasture							
Irrigated	1989	12,500			Acre	108.00	1,350,000
	1988	12,000			Acre	108.00	1,296,000
Range	1989	150,000			Acre	2.00	300,000
	1988	120,000			Acre	2.00	240,000
Alfalfa Stubble	1989	49,000			Acre	18.00	882,000
	1988	50,000			Acre	18.00	900,000
Safflower							
	1989	54,380	1.64	89,183	Ton	300.00	26,755,000
	1988	34,169	1.51	51,595	Ton	296.00	15,272,000

FIELD CROPS (CONTINUED)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Sugar Beets	1989	3,198	20.00	65,879	Ton	\$ 36.12	\$ 2,380,000
	1988	2,656	23.00	61,088	Ton	\$ 30.00	\$ 1,833,000
Wheat	1989	41,596	3.13	130,195	Ton	138.28	18,003,000
	1988	41,041	2.86	117,377	Ton	122.00	14,320,000
Other <u>d/</u>	1989	9,205					4,352,000
	1988	5,566*					1,769,000*
TOTAL	1989	632,968					\$ 351,926,000
	1988	613,265*					\$ 288,313,000*

a/ Soybeans and blackeye beans.

b/ 495 lb. = 1 bale.

c/ Includes hay and green chop from barley, oats, seed alfalfa, and wheat.

d/ Includes oats, oat silage, screenings, sorghum grain, straw, triticale, wheat silage, and winter forage.

\* Revised.

SEED CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Alfalfa Certified	1989	21,052	627	13,199,604	lb.	\$ 1.34	\$ 17,687,000
	1988	17,384	654	11,369,136	lb.	\$ 1.31	\$ 14,894,000
Non-certified	1989	1,200	627	752,400	lb.	1.12	843,000
	1988	1,000	654	654,000	lb.	1.10	719,000
Total	1989	22,252		13,952,004	lb.		18,530,000
	1988	18,384		12,023,136	lb.		15,613,000
Barley	1989	1,246	4,500	5,607,000	lb.	.09	505,000
	1988	620	5,340	3,310,800	lb.	.06	199,000
Cotton <u>a/</u>	1989	8,876		3,728	Ton	197.00	734,000
	1988	7,600		3,268	Ton	208.00	680,000
Wheat	1989	15,469	5,500	85,079,500	lb.	.10	8,508,000
	1988	10,372	6,620	68,662,640	lb.	.07	4,806,000



SEED CROPS (CONTINUED)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Lettuce	1989	316	651	205,716	lb.	\$ 5.75	\$ 1,183,000
	1988	172	491	84,452	lb.	\$ 2.38	\$ 201,000
Vegetable <u>b/</u>	1989	174					247,000
Other <u>c/</u>	1989	410					1,614,000
	1988	2,848					4,099,000
TOTAL	1989	39,867					\$ 31,321,000
	1988	32,396					\$ 24,918,000

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

b/ Eggplant, onion, and watermelons.

c/ Cow peas, flowers, oats, and turf.

FRUIT AND NUT CROPS

CROP	YEAR	BEARING ACREAGE	PRODUCTION		PER TON	VALUE	
			PER ACRE	TOTAL		TOTAL	
Almonds	1989	3,061	.66	2,020	\$ 2,160.00	\$ 4,363,000	
	1988	2,998	.69	2,069	\$ 1,800.00	\$ 3,724,000	
Almond Hulls	1989			1,071	68.00	73,000	
	1988			1,097	65.00	71,000	
Apples							
	Fresh	1989	156	8.32	1,298	656.00	851,000
Processed	1989			774	74.00	57,000	
Apricots							
	Fresh	1989	250	8.92	1,803	583.00	1,051,000
	1988	250	7.76	1,164	892.00	1,038,000	
Processed	1989			427	184.00	79,000	
	1988			349	270.00	94,000	
Grapes							
Raisin Varieties							
Fresh	1989			1,504	782.00	1,176,000	
Dried				1,753	900.00	1,578,000	
Crushed				8,739	130.00	1,136,000	
Canned				533	218.00	116,000	
Total		2,255		12,529		4,006,000	

FRUIT AND NUT CROPS (CONTINUED)

CROP	YEAR	BEARING ACREAGE	PRODUCTION		VALUE	
			PER ACRE	TOTAL	PER TON	TOTAL
Raisin Varieties						
Fresh	1988			2,126	\$ 694.00	\$ 1,475,000
Dried				1,484	887.00	1,316,000
Crushed				9,783	127.00	1,242,000
Canned				240	200.00	48,000
Total		2,213		13,636		4,081,000
Table Varieties						
	1989	513	8.05	4,129	855.00	3,530,000
	1988	264	8.26	2,181	874.00	1,906,000
Wine Varieties						
	1989	954	8.04	7,670	172.00	1,319,000
	1988	800	9.00	7,200	152.00	1,094,000
Grapes Total	1989	3,722				8,855,000
	1988	3,277				7,081,000
Kiwifruit	1989	323	6.12	1,977	1,426.00	2,819,000
	1988	323	5.00	1,615	1,906.00	3,078,000
Nectarines	1989	1,414	8.30	11,736	782.00	9,178,000
	1988	1,276	9.76	12,454	779.00	9,702,000
Olives	1989	1,213	1.60	1,941	555.00	1,077,000
	1988	1,142	3.51	4,008	587.00	2,353,000
Peaches						
Clingstone	1989	992	15.00	14,880	203.00	3,021,000
	1988	1,052	20.00	21,040	213.00	4,482,000
Freestone	1989	1,968	11.06	21,766	754.00	16,412,000
	1988	1,757	11.13	19,555	715.00	13,982,000
Peaches Total	1989	2,960		36,646		19,433,000
	1988	2,809		40,595		18,464,000
Pistachios	1989	4,436	.46	2,040	3,400.00	6,936,000
	1988	4,404	.90	3,964	2,760.00	10,941,000
Plums	1989	1,756	4.90	8,604	621.00	5,343,000
	1988	1,974	6.36	12,555	715.00	8,977,000

FRUIT AND NUT CROPS (CONTINUED)

CROP	YEAR	BEARING ACREAGE	PRODUCTION		VALUE	
			PER ACRE	TOTAL	PER TON	TOTAL
Pomegranates	1989	160	6.56	1,050	\$ 566.00	\$ 594,000
	1988	161	6.97	1,122	\$ 636.00	\$ 714,000
Walnuts	1989	4,610	1.59	7,329	880.00	6,450,000
	1988	4,462	1.56	6,961	980.00	6,822,000
Wood <u>a/</u>	1989			555*	100.00	55,000
	1988			492*	83.00	41,000
Other <u>b/</u>	1989	391				753,000
	1988	479				2,261,000
TOTAL	1989	24,410				\$ 67,970,000
	1988	23,555				\$ 75,361,000

a/ Includes all Varieties.

b/ Includes Asian pears, jojoba, pecans, persimmons, prunes, and quince.

\* Measured in Cords.

VEGETABLE CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		VALUE		
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Broccoli Fresh	1989	912	3.71	3,383	Ton	\$ 293.00	\$ 991,000
	1988	842	5.89	4,368	Ton	\$ 343.00	\$ 1,701,000
Processed	1989			487	Ton	465.00	226,000
Cantaloupes	1989	1,390	8.30	11,620	Ton	231.00	2,680,000
	1988	1,044	8.64	9,020	Ton	320.00	2,886,000
Sweet Corn	1989	618	12.83	7,929	Ton	197.00	1,562,000

VEGETABLE CROPS (CONTINUED)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Tomatoes							
Fresh	1989	917	25.62	23,493	Ton	\$ 400.00	\$ 9,397,000
	1988	2,187	15.81	34,576	Ton	\$ 442.00	\$ 15,283,000
Processed	1989	3,600	27.50	99,100	Ton	52.10	5,158,000
	1988	720	27.80	20,016	Ton	48.20	965,000
Other <u>a/</u>	1989	3,002					8,516,000
	1988	2,798					8,435,000
TOTAL	1989	10,439					\$ 28,293,000
	1988	7,986					\$ 29,823,000

a/ Includes Asparagus, bell peppers, Chinese cabbage, eggplant, garbanzo beans, lettuce, lima beans, misc. melons, onions, processed carrots, processed garlic, squash, and watermelons.

INVENTORIES OF LIVESTOCK AND POULTRY (IN NUMBER OF HEAD)

ITEM	January 1, 1990	January 1, 1989
Cattle and Calves		
All	210,000	203,000
Dairy Cows 2 Years and Over	78,000	71,000
Cattle and Calves on Feed	3,800	3,500
Other	128,200	128,000
Sheep and Lambs	18,000	19,000
Goats	1,300	1,200
Hogs and Pigs	5,800	600
Hens and Pullets	0	108,000
Turkeys	701,521	433,651

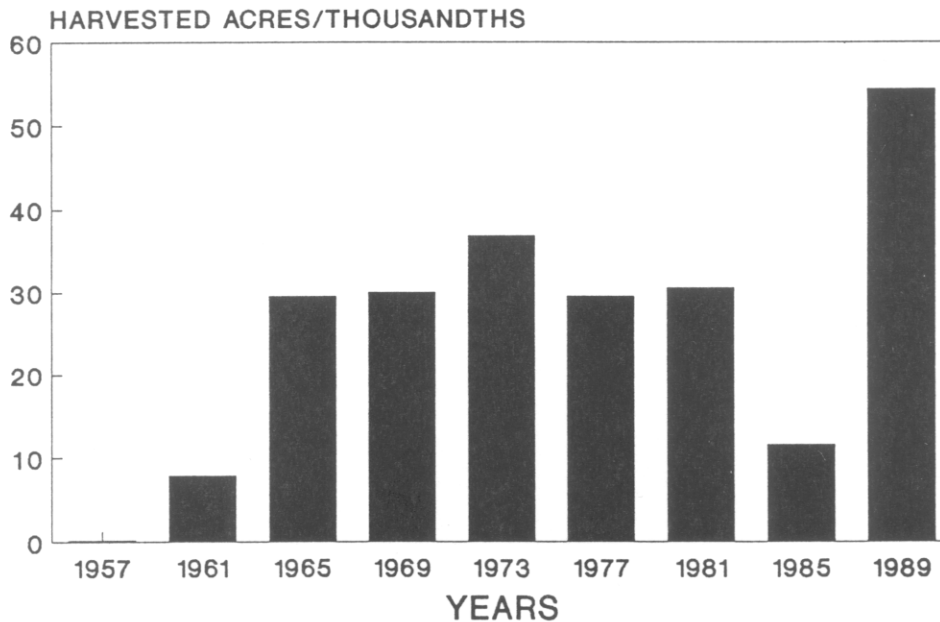
## LIVESTOCK AND POULTRY

ITEM	YEAR	PRODUCTION			VALUE	
		NO. OF HEAD	TOTAL LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Breeding Stock <u>a/</u>	1989					\$ 1,915,000
	1988					\$ 969,000
Cattle and Calves	1989	149,653	911,386	Cwt.	\$ 66.50	60,607,000
	1988	146,212	891,893	Cwt.	\$ 64.50	57,527,000
Hogs and Pigs	1989	6,050	13,613	Cwt.	45.98	626,000
	1988	1,076	2,432	Cwt.	46.05	112,000
Sheep and Lambs	1989	9,888	10,976	Cwt.	78.00	856,000
	1988	12,676	14,831	Cwt.	87.00	1,290,000
Turkeys	1989	2,806,086	61,060,431	lb.	.51	31,141,000
	1988	1,734,604	36,426,684	lb.	.50	18,213,000
Other <u>b/</u>	1989					2,905,000
	1988					1,802,000
TOTAL	1989					\$ 98,050,000
	1988					\$ 79,913,000

a/ For all Animals.

b/ Includes Catfish, Chickens, and Goats.

## KINGS COUNTY SAFFLOWER PRODUCTION



## LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Eggs-Chicken Market	1989	393,285	Doz.	\$ .67	\$ 264,000
	1988	230,600	Doz.	\$ .61	\$ 141,000
Goats Milk	1989	16,116	Cwt.	24.33	392,000
	1988	11,183	Cwt.	22.00	246,000
Manure	1989	319,512	Ton	4.47	1,428,000
	1988	291,150	Ton	3.92	1,144,000
Milk Market	1989	13,023,086	Cwt.	12.22	159,142,000
	1988	12,061,843	Cwt.	10.68	128,820,000
Manufacturing	1989	38,120	Cwt.	11.60	442,000
	1988	44,376	Cwt.	9.89	439,000
Wool	1989	102,835	lb.	1.50	154,000
	1988	131,830	lb.	1.62	214,000
TOTAL	1989				\$ 161,825,000
	1988				\$ 131,004,000

## APIARY PRODUCTS

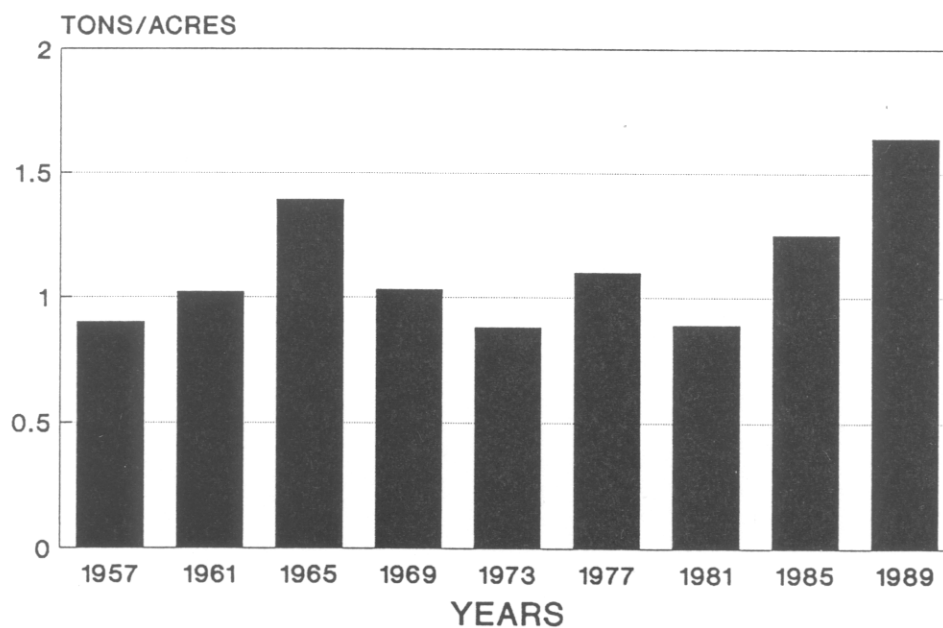
ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Apiary Products Honey	1989	1,123,125	lb.	\$ .54	\$ 606,000
	1988	2,995,921	lb.	\$ .57	\$ 1,708,000
Beeswax	1989	18,719	lb.	1.00	19,000
	1988	49,932*	lb.	.85	42,000

## APIARY PRODUCTS (CONTINUED)

ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Pollination					
Seed Crops					
Alfalfa	1989	63,156	Colonies	\$ 20.00	\$ 1,263,000
	1988	50,892	Colonies	\$ 19.00	\$ 967,000
Tree Fruit <u>a/</u>	1989	9,634	Colonies	26.05	251,000
	1988	9,739	Colonies	24.00	234,000
Cantaloupe	1989	2,085	Colonies	14.00	29,000
	1988	3,112	Colonies	13.00	40,000
<hr/>					
TOTAL	1989				\$ 2,168,000
	1988				\$ 2,991,000

a/ Almonds and Plums.

## SAFFLOWER YIELD FOR 33 YEARS



## FIVE YEAR COMPARISON OF ACREAGE AND CROP VALUES

	1985	1986	1987	1988	1989
Apiary Products	\$ 3,364,000	\$ 3,672,000	\$ 3,129,000	\$ 2,991,000	\$ 2,168,000
Field Crops	262,055,000	255,029,000	336,001,000	290,385,000	351,926,000
Acreage	647,189	622,379	645,314	618,026	632,968
Fruit and Nut Crops	46,070,000	59,070,000	53,537,000	75,361,000	67,970,000
Acreage	24,277	29,620	24,522	23,555	24,410
Livestock and Poultry	59,250,000	56,997,000	69,265,000	79,913,000	98,050,000
Livestock and Poultry Products	127,456,000	126,117,000	133,286,000	131,004,000	161,825,000
Seed Crops	28,201,000	25,390,000	19,810,000	24,918,000	31,321,000
Acreage	41,831	45,052	34,623	32,396	39,862
Vegetable Crops	26,070,000	19,370,000	21,351,000	29,823,000	28,293,000
Acreage	10,373	9,385	12,230	7,986	10,225
<b>TOTALS</b>	<b>\$ 552,466,000</b>	<b>\$ 545,645,000</b>	<b>\$ 636,379,000</b>	<b>\$ 634,395,000</b>	<b>\$ 741,553,000</b>

## COMPARISON OF CROP VALUES FOR 1988 AND 1989





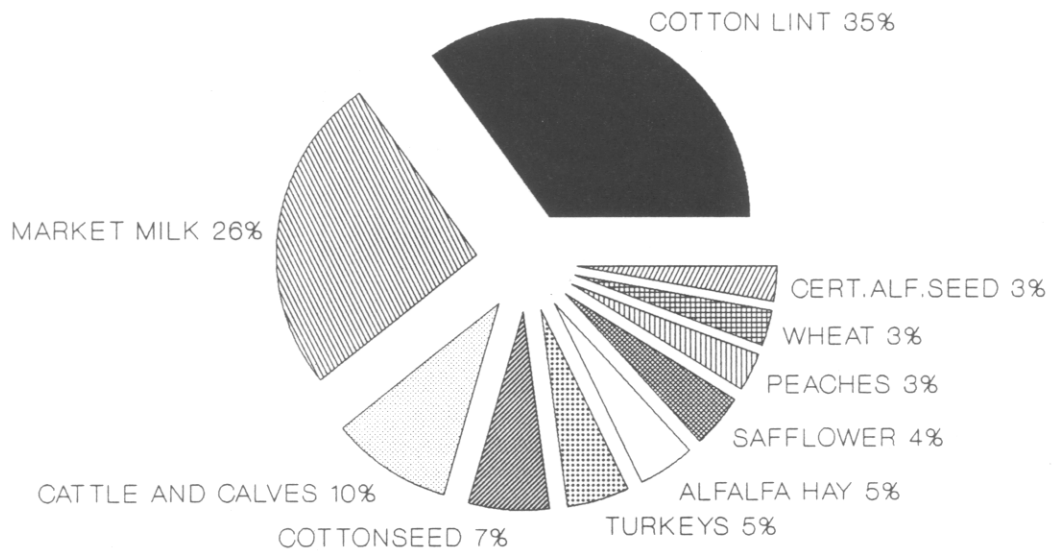
MILLION DOLLAR CROPS - 1989

Acala Cotton Lint	\$ 215,878,000	Processing Tomatoes	\$ 5,118,000
Market Milk	159,142,000	Almonds	4,363,000
Cattle and Calves	60,607,000	Corn	4,224,000
Acala Cotton Seed	40,145,000	Kiwifruit	2,819,000
Turkeys	31,141,000	Cantaloupes	2,665,000
Hay Alfalfa	28,431,000	Sugar Beets	2,380,000
Safflower	26,755,000	Breeding Stock	1,915,000
Peaches	19,443,000	Sweet Corn	1,562,000
Wheat	18,003,000	Pollination	1,543,000
Certified Alfalfa Seed	17,687,000	Pima Cotton	1,492,000
Fresh Tomatoes	9,397,000	Manure	1,428,000
Nectarines	9,178,000	Irrigated Pasture	1,350,000
Grapes	8,855,000	Broccoli	1,217,000
Certified Wheat Seed	8,508,000	Lettuce Seed	1,183,000
Pistachios	6,938,000	Apricots	1,130,000
Walnuts	6,450,000	Olives	1,078,000
Barley	6,174,000	Dry Beans	1,054,000
Plums	5,343,000		

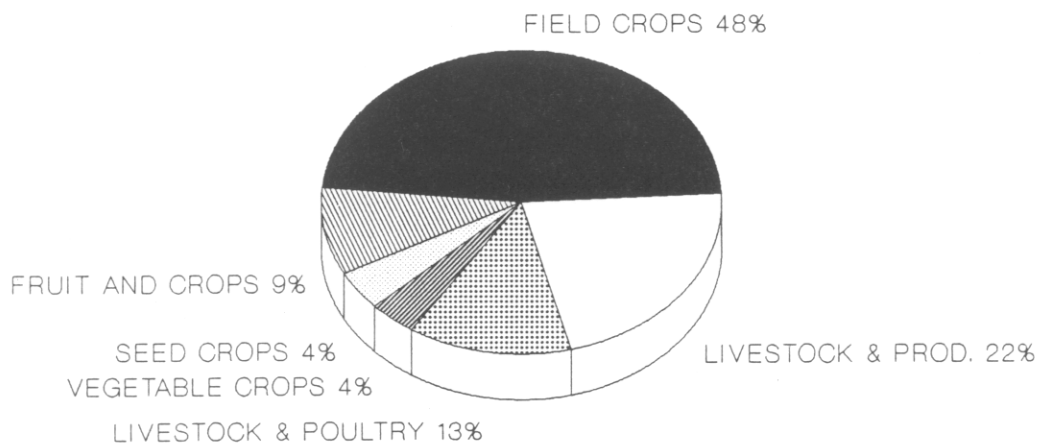
1989 CROP SUMMARY

Apiary Products	\$ 2,168,000
Field Crops	351,926,000
Fruit and Nut Crops	67,970,000
Livestock and Poultry	98,050,000
Livestock and Poultry Products	161,825,000
Seed Crops	31,321,000
Vegetable Crops	28,293,000
<b>GRAND TOTAL</b>	<b>\$ 741,553,000</b>

## TOP TEN CROPS OF KINGS COUNTY FOR 1989



## KINGS COUNTY 1989 TOTAL CROP VALUE



## GENERAL KINGS COUNTY INFORMATION

County Seat	Hanford
County Population (1989)	96,012
Population per Square Mile	61
Total Assessed Value	\$ 1,748,615,339
Land Area (Square Miles)	1392
Total Acres	918,790
Number of Farms (1982)	1,187
Land in Farms (Acres - 1986)	816,228
Foreign Ownership (Acres) (13 parcels - 1987)	8,255 (acres) (value - \$ 4,356,000)
Total Cropland (Acres -1982)	613,693
Irrigated Cropland (Acres - 1982)	554,114
Total Agricultural Work Force	7,190
Public Ownership of Land (Acres): (1977)	
Federal	30,974 (3.5%)
State	3,452 ( .4%)
County & City	9,951 (1.1%)
School & Special Districts	4,426 ( .4%)

Agricultural production ranked 11th among California counties and 16th among U.S. counties (Based on 1987 total value.)

Railroads - Santa Fe, Southern Pacific

Major Roads - Interstate 5 , Highway 41, Highway 43 & Highway 198

Water Sources - Kings River, Tule River, Kaweah River, Kern River, Calif. Aqueduct

Elevation - 225 to 250 feet above sea level (800 feet in the Kettleman Hills)

Average length of growing season: 257 days

Average date of last spring frost: March 3

Average climate: 196 sunny clear days, 74 partly cloudy days, 95 cloudy days

Average date of first fall frost: November 18

HANFORD, CALIFORNIA

RAINFALL TABLE

YEAR	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	TOTAL
1939-40	.12	.00	.00	.04	.57	.06	.22	3.53	3.61	.99	.18	.00	9.32
1940-41	.00	.00	.00	.00	.85	.00	3.65	1.51	3.90	1.82	2.64	.00	14.37
1941-42	.00	.00	.00	.00	.86	.50	3.32	.91	.88	.50	1.19	.16	8.32
1942-43	.00	.00	.00	.00	.00	.43	.86	2.74	1.14	3.36	.84	.00	9.37
1943-44	.00	.00	.00	.00	.03	.21	1.03	1.30	2.80	.39	.86	.28	6.90
1944-45	.00	.00	.00	.02	.23	2.25	1.05	.27	2.69	1.81	.16	.10	8.58
1945-46	.18	.00	.00	.01	.62	1.15	1.61	.34	1.52	2.57	.07	.41	8.48
1946-47	.00	.11	.00	.00	1.49	1.10	1.64	.33	.49	.51	.66	.33	6.66
1947-48	.01	.00	.00	.00	.47	.29	.51	.00	.43	1.49	1.56	.55	5.31
1948-49	.53	.00	.00	.00	.00	.03	.01	.99	.51	.85	1.94	.07	4.93
1949-50	.00	.00	.00	.00	.00	.00	.60	.68	1.48	1.13	1.10	.40	5.39
1950-51	.07	.00	.08	.00	.00	.34	.63	1.06	1.24	.76	.22	1.17	5.57
1951-52	.02	.00	.00	.00	.08	1.11	2.39	3.03	.27	2.18	.79	.01	9.88
1952-53	.02	.00	.00	.17	.05	.65	2.96	1.10	.27	.34	.83	.29	6.68
1953-54	.08	.00	.00	.00	.02	1.01	.09	1.89	.78	2.21	.52	.34	6.94
1954-55	.00	.00	.00	.00	.00	.66	1.61	3.25	1.31	.43	.69	.90	8.85
1955-56	.00	.00	.00	.00	.02	.92	4.67	1.10	.38	.10	.73	.77	8.69
1956-57	.07	.00	.00	.00	.73	.00	.15	1.39	1.22	.05	.88	.61	5.10
1957-58	.00	.00	.00	.00	.20	1.19	1.41	1.85	2.30	3.93	2.38	.24	13.50
1958-59	.00	.00	.11	.11	.00	.23	.16	1.35	1.90	.11	.52	.00	4.49
1959-60	.00	.00	.00	.11	.00	.00	.17	.80	1.71	.61	.57	.00	3.97
1960-61	.00	.02	.00	.53	.00	2.61	.03	1.34	.22	.67	.22	.37	6.01
1961-62	.00	.00	.00	.00	.00	1.11	1.28	.71	4.88	1.06	.00	.11	9.15
1962-63	.00	.00	.00	.01	.10	.00	.19	1.19	1.68	1.37	2.88	.56	7.98
1963-64	.17	.00	.00	.33	.75	1.23	.31	.61	.02	.94	.64	.20	5.20
1964-65	.00	.00	.34	.00	.95	1.31	1.44	1.18	.33	.33	1.57	.00	7.45
1965-66	.00	.00	.05	.07	.05	2.15	1.97	.63	.71	.10	.00	.07	5.80
1966-67	.06	.04	.00	.29	.09	1.28	2.57	1.41	.05	2.42	2.95	.07	11.23
1967-68	.23	.00	.00	.31	.00	1.99	.50	.62	.64	1.00	.50	.08	5.87
1968-69	.00	.00	.00	.00	1.33	.98	1.64	6.69	4.54	.79	.85	.32	17.14
1969-70	.21	.07	.00	.15	.05	.51	.70	1.60	1.33	1.42	.14	.00	6.18
1970-71	.00	.00	.00	.00	.00	2.40	1.23	.35	.19	.23	.40	1.44	6.24
1971-72	.00	.00	.00	.04	.06	.41	1.87	.04	.35	.00	.23	.00	3.00
1972-73	.00	.00	.00	.24	.21	2.90	.65	2.44	2.29	2.20	.12	.00	11.05
1973-74	.00	.00	.00	.00	.76	.46	.94	2.97	.13	1.75	.03	.00	7.04
1974-75	.00	.00	.00	.00	.65	.24	1.40	.09	2.26	1.24	.49	.00	6.37
1975-76	.00	.00	.00	.98	.76	.05	.22	.00	2.94	.19	1.47	.03	6.64
1976-77	.01	.00	.22	1.47	.00	1.15	.96	.96	.03	.43	.00	.01	5.24
1977-78	.07	.00	.00	.00	.05	.06	2.85	2.22	5.05	4.12	1.71	.00	16.13
1978-79	.00	.00	.00	1.10	.00	.79	.50	1.84	1.61	1.16	.03	.00	7.03
1979-80	.00	.04	.00	.08	.41	.62	.41	2.90	2.71	1.28	.05	.04	8.54
1980-81	.00	.00	.00	.00	.09	.00	.21	1.80	.86	2.10	.68	.17	5.91
1981-82	.00	.00	.00	.00	.76	1.08	.29	.84	.33	3.52	1.75	.00	8.57
1982-83	.45	.18	.00	.64	1.03	2.15	.71	3.74	2.59	3.39	1.63	.04	16.55
1983-84	.00	.00	.05	.82	.43	1.66	1.22	.01	.42	.27	.18	.00	5.06
1984-85	.00	.00	.00	.01	.52	1.41	1.66	.59	.61	.68	.12	.01	5.61
1985-86	.00	.05	.00	.00	.54	2.11	.56	1.46	2.60	3.40	.45	.00	11.17
1986-87	.00	.00	.00	.15	.00	.21	.77	1.77	2.04	2.02	.06	.13	7.15
1987-88	.05	.00	.00	.00	.86	.72	1.74	1.37	.40	.93	2.65	.07	8.79
1988-89	.06	.00	.00	.00	.00	1.33	2.29	1.02	2.03	.85	.02	.39	7.99
1989-90	.00	.00	.00	.67	.32	.20							
AVERAGE	.05	.01	.02	.16	.33	.89	1.20	1.44	1.49	1.32	.82	.21	7.95
								50 year average rainfall					7.95