



AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA, 1985



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

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

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

TABLE OF CONTENTS

	<u>PAGE</u>
FIELD CROPS	1
FRUIT AND NUT CROPS	3
VEGETABLE CROPS	5
SEED CROPS.	6
LIVESTOCK AND POULTRY INVENTORY	6
LIVESTOCK AND POULTRY	7
APIARY PRODUCTS	8
CROP SUMMARY.	8
5 YEAR COMPARISON OF ACREAGE & CROP VALUE .	9
TOP TEN CROPS	9
MILLION DOLLAR CROPS.	10
10 YEAR COTTON YIELD-ACREAGE DATA	11
COTTON SEED USES.	12
GENERAL KINGS COUNTY INFORMATION.	13
KINGS COUNTY RAINFALL DATA.	BACKCOVER

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

-1-

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				17.00	765,000
	1984	48,000			Acre	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
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KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
HANFORD, CALIFORNIA 93230

FIELD CROPS - Cont'd

-2-

M. HUGH HANDLEY
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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		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
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FRUIT AND NUTS CROPS - Cont'd.

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

KINGS COUNTY
 DEPARTMENT OF AGRICULTURE
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-5-
 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

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

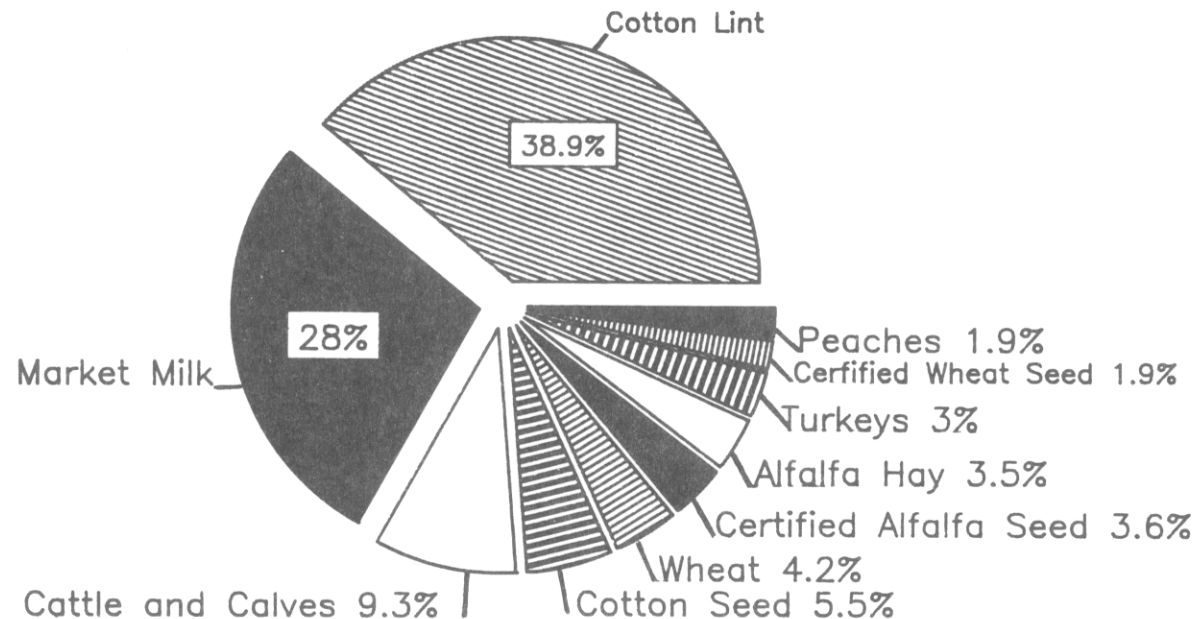
5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

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
TOTALS	\$598,200,789	\$590,420,000**	\$491,860,000**	\$569,716,000	\$552,466,000

**Revised

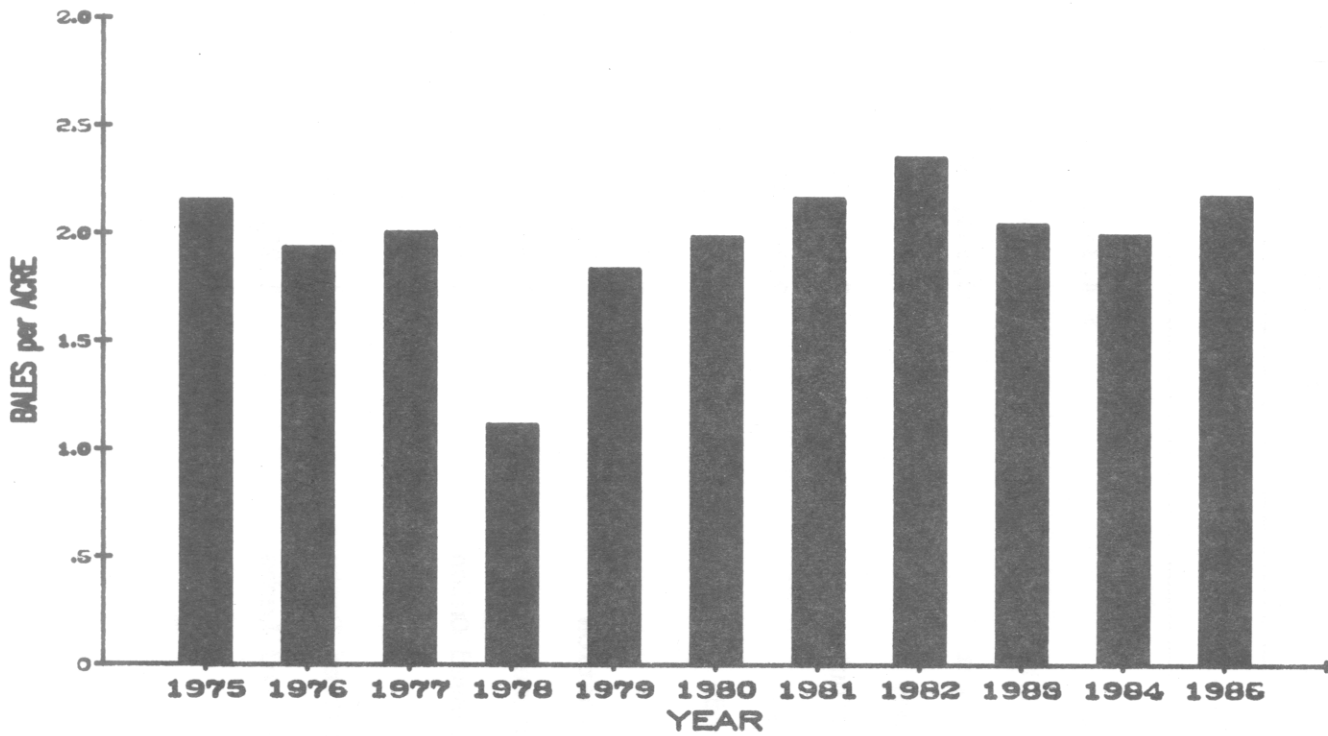
TOP TEN CROPS OF KINGS COUNTY FOR 1985



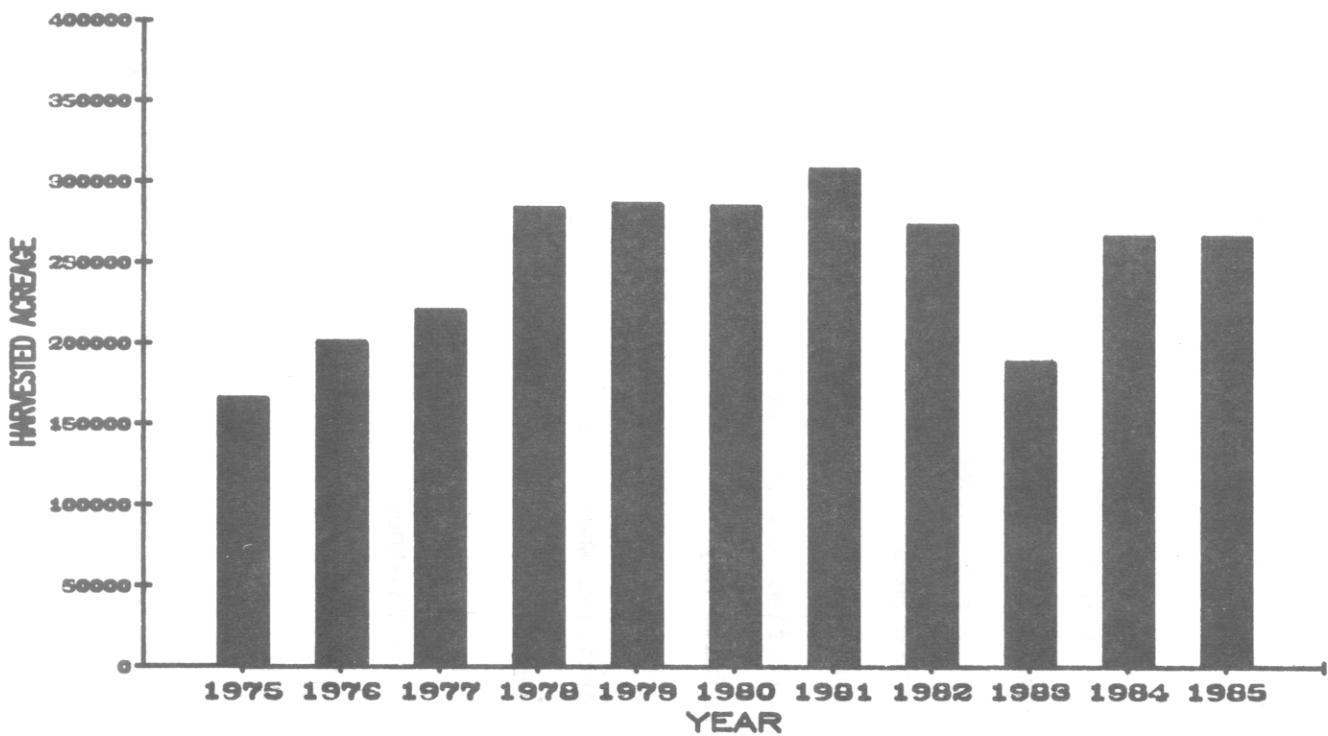
MILLION DOLLAR CROPS - 1985

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		

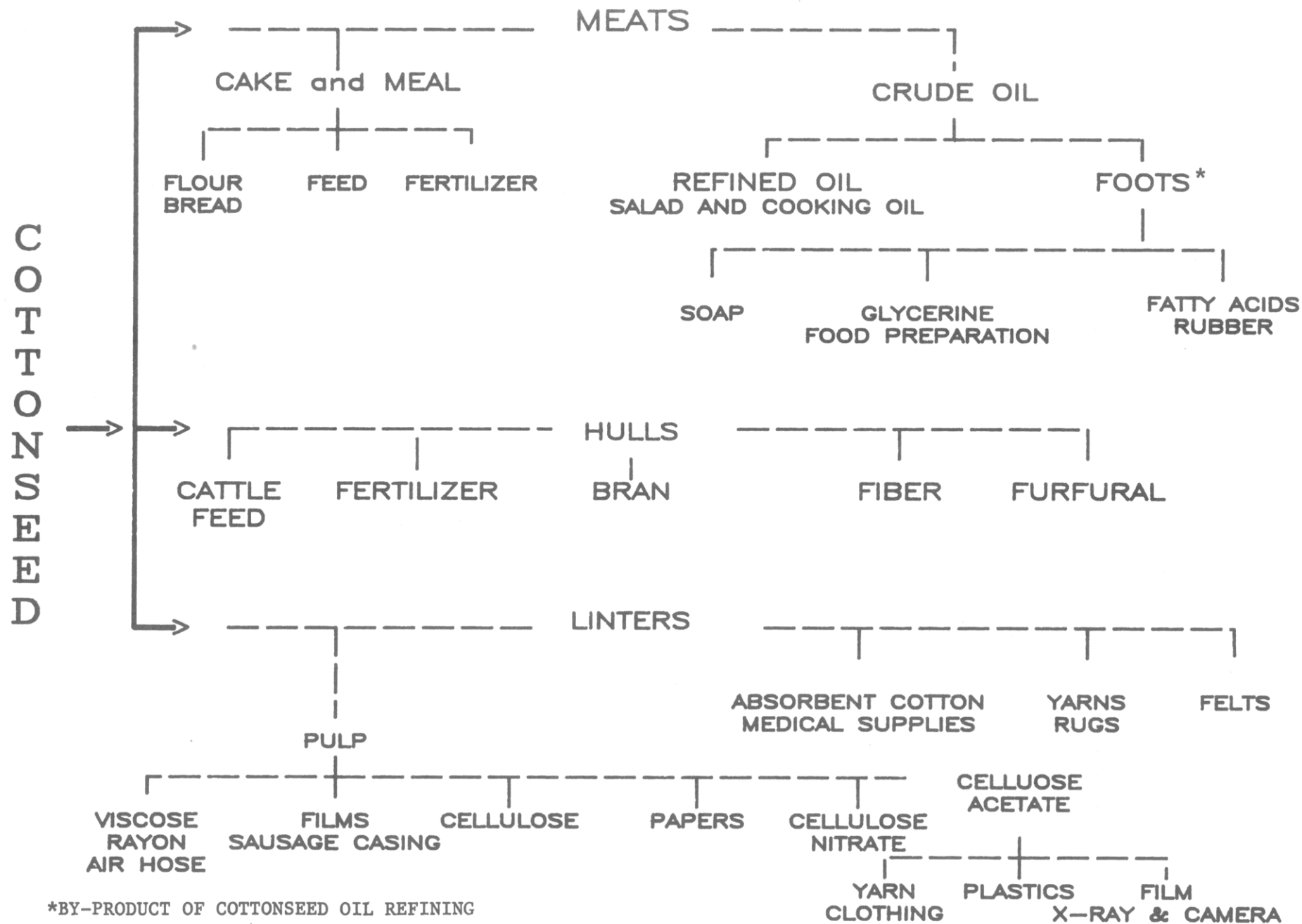
KINGS COUNTY COTTON YIELD 1975 - 1985



KINGS COUNTY COTTON ACREAGES 1975 - 1985



COTTONSEED AND ITS MANY USES



*BY-PRODUCT OF COTTONSEED OIL REFINING

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