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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Kings County

1982-1984

# AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA, 1982



K I N G S   C O U N T Y  
D E P A R T M E N T   O F   A G R I C U L T U R E

\*\*   P E R S O N N E L   \*\*

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

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CLERICAL

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X X

CROP REPORT COVER: Tiling in Kings County: Reclamation of Marginal Land.

(Photo courtesy of California Arizona COTTON)



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, 1983

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

Gentlemen:

I am pleased to submit this 1982 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 grown in Kings County during the calendar year 1982 was \$590,462,672., a 1.29% reduction in value from 1981.

Good yields were received for most crops, but depressed prices during the year accounted for the decrease in overall value. Cotton, Kings County's leading field crop, reflected again a decrease (9 million dollars) from last year.

Reduced acreage and prices were reflected in all cereal crops. Lower returns were also received for most vegetable and seed crops.

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

A special thanks to the many individuals and organizations for their assistance in contributing their time and information for this report, and to Diane Reeves of my staff, who compiled the report.

Respectfully submitted,

M. Hugh Handley  
Agricultural Commissioner  
Sealer of Weights and Measures

MHH:dod

TILING IN KINGS COUNTY:  
RECLAMATION OF MARGINAL LAND

*" . . .it is only too plain that where conditions are persistently maintained which allow the formation of the salts without permitting them to be removed by any cause whatsoever, there must come a time, sooner or later, when the amounts produced and accumulated in the soil shall reach the degree of concentration which is intolerable to cultivated crops."*

*-F.H. King in "Irrigation and Drainage Principles and Practice of their Cultural Phase"*

That time has come in Kings County. Efforts to grow crops on the Tulare Lake Basin at the Southern end of the county are hampered by salty soil conditions. The ancestral lake basin is composed of sand layers overlain or underlain by layers of clays or other slowly impermeable soils. When irrigation water is applied, this slows the percolation of the excess, causing a perched water table to form.

To correct this problem, J.W. Farms of Corcoran, has undertaken one of the single largest tiling projects in the world, consisting of 10,888 acres.

Tiling is not new to the United States. In 1835, John Johnson of Seneca County, New York, brought patterns for molding clay tile by hand from Scotland. That was the beginning of modern tile drainage in the U.S. The use of tile spread rapidly and by 1882, more than 30,000 miles were laid in the State of Indiana alone.

Since that time, clay tile has given way to high density polyethylene drainage tubing. It removes excess water through a continuous line laid at a specified depth and grade. Free water enters through tile joints and flows out by gravity. At J.W. the water goes to one of eight large sumps where most of it is pumped to their own evaporation ponds. Of the 17 sections tiled, J.W. handles the water from 13.5 sections. Almost 1.2 million linear feet of tubing, installed seven to 9½ feet deep and spaced 500 feet apart, moves the water. The remaining water goes to the Tulare Lake Drainage System.

J.W. expects to see returns on their \$250.00 per acre project within the next two years in the way of increased yields and land value. Only time will tell, but with the positive results already seen and those expected, the future looks good for the reclamation of salty soils for agricultural use in Kings County.

ANNUAL CROP REPORT  
FOR YEAR 1982

\*\*\*\*\*

KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

\*\*\*\*\*

KINGS COUNTY  
BOARD OF SUPERVISORS

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JOE HAMMOND . . . . . DISTRICT II  
DOM FARUZZI . . . . . DISTRICT III  
DOYLE DAVIS . . . . . DISTRICT IV  
ABEL MEIRELLES. . . . . DISTRICT V

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

\*\*\*\*\*

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FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL				TOTAL
Barley	1982	42,899	1.47	63,062	Ton	\$ 117.00	\$	7,378,255
	1981	90,000	1.55	139,500	Ton	\$ 128.00	\$	17,856,000
Corn	1982	17,044	1.56	26,589	Ton	102.00		2,712,080
	1981	14,000	2.87	40,180	Ton	120.00		4,821,600
Cotton Lint	1982	274,361	2.36	647,492	495-lb. Bale	319.00		206,549,950
	1981	309,000	2.17	670,530	495-lb. Bale	322.00		215,910,660
Cotton Seed	1982			281,342	Ton	101.00		28,415,540
	1981			291,345	Ton	95.00		27,677,775
Cotton Planting Seed	1982			5,609	Ton	150.00		841,350
	1981			6,370	Ton	121.00		770,770
Hay Alfalfa	1982	38,097	7.88	300,204	Ton	84.00		25,217,135
	1981	46,300	6.22	287,986	Ton	72.00		20,734,992
Grain	1982	2,784	3.50	9,744	Ton	60.00		584,640
	1981	1,907	7.61	14,512	Ton	70.00		1,015,840
Pasture Irrigated	1982	12,500			Acre	112.00		1,400,000
	1981	12,000			Acre	105.00		1,260,000
Range	1982	218,000			Acre	2.00		436,000
	1981	218,000			Acre	2.00		436,000
Other	1982	44,500			Acre	18.00		801,000
	1981	45,000			Acre	18.00		810,000
Safflower	1982	35,390	1.10	38,929	Ton	301.00		11,717,630
	1981	30,509	.89	27,153	Ton	350.00		9,503,550



Screenings	1982			4,220	Ton	53.00	223,660
	1981			3,510	Ton	50.00	175,500
Silage Corn	1982	14,950	21.10	315,445	Ton	14.68	4,630,735
	1981	11,500	20.85	239,775	Ton	14.50	3,476,738
Other	1982	12,044	12.32	148,382	Ton	14.00	2,077,350
	1981	5,700	14.28	81,396	Ton	14.00	1,139,544
Sorghum Grain	1982	8,583	2.34	20,084	Ton	90.00	1,807,560
	1981	12,950	2.06	26,677	Ton	95.00	2,534,315
Dry Beans	1982	1,118	.90	1,006	Ton	396.00	398,375
	1981	219	1.02	223	Ton	225.00	50,175
Straw	1982			8,039	Ton	35.00	281,365
	1981			14,455	Ton	25.00	361,375
Sugar Beets	1982	1,259	28.59	35,994	Ton	32.50	1,169,805
	1981	2,532	22.00	55,704	Ton	32.00	1,782,528
Wheat	1982	67,022	1.97	132,033	Ton	130.00	17,164,290
	1981	85,000	2.61	221,850	Ton	135.00	29,949,750
Miscellaneous <u>a/</u>	1982	2,474					565,480
	1981	3,458					1,410,230
TOTAL	1982	793,025					\$314,372,000
	1981	888,075					\$341,677,342

a/ Dry Beans, Rice

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

FIELD CROPS - Cont'd

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

FRUIT AND NUT CROPS

CROP	YEAR	UTILIZATION	ACREAGE		PRODUCTION		VALUE	
			BEARING	NON BEARING	PER ACRE	TOTAL TONS	PER TON	TOTAL
Almonds - Meats	1982	Dried	3,436	320	.57	1,959	\$ 1,613.00	\$ 3,159,865
	1981	Dried	4,535	496	.42	1,909	2,000.00	3,818,000
Almonds - Hulls	1982					3,252	60.00	195,120
	1981					3,169	52.00	164,790
Apricots	1982	Fresh				317	717.00	227,289
		Processed				419	150.00	62,850
		Total	143	61	5.15	<u>736</u>		<u>290,139</u>
	1981	Fresh				198	700.00	138,600
	Processed				262	272.00	71,264	
	Total	121	72	3.8	460		209,864	
Grapes Raisin Varieties	1982	Fresh				828	695.00	575,460
		Dried				2,973	1,300.00	3,864,900
		Crushed				12,714	117.00	1,487,538
	Total	2,247	257		<u>16,515</u>		<u>5,927,898</u>	
	1981	Fresh				779	400.00	311,600
		Dried				2,797	1,300.00	3,636,100
Crushed					11,961	200.00	2,392,200	
Total	2,154	231	7.21	<u>15,537</u>		<u>6,339,900</u>		
Wine Varieties	1982	Crushed	1,074	375	10.55	11,331	124.00	1,405,045
	1981	Crushed	1,029	210	6.04	6,215	230.00	1,429,450
Table Varieties	1982	Fresh	112	93	6.04	676	794.00	536,745
	1981	Fresh	52	70**	6.40	333	1,046.00	348,318
Total - All Grapes	1982		3,433	725				7,868,685
	1981		3,235	469				8,117,668
Kiwi	1982	Fresh	179	87	2.92	523	1,857.00	971,210
Nectarines	1982	Fresh	748	379	7.60	5,685	292.00	1,660,020
	1981	Fresh	665	278	8.72	5,799	299.00	1,733,901

Olives	1982		1,167	0	5.31	6,197	\$ 475.00	\$ 2,943,575
	1981		1,162	5	1.20	1,394	623.00	
Peaches Clingstone	1982	Processed	1,255	198	20.00	25,100	190.00	4,769,000
	1981	Processed	1,163	113	15.90	18,492	182.00	3,365,544
Freestone	1982	Fresh				10,657	470.00	5,008,790
		Processed				140	118.00	16,520
		Total	1,333	449	8.10	10,797		5,025,310
	1981	Fresh				7,697	393.00	3,024,921
		Processed				667	127.00	84,709
		Total	865	421	9.67	8,364		3,109,630
Total - All Peaches	1982		2,588	647		35,897		9,794,310
	1981		2,028	534		26,856		6,475,174
Pistachios	1982		2,852	1,013	1.00	2,852	3,020.00	8,613,040
	1981		2,842	32	.33	938	3,200.00	3,001,600
Plums	1982	Fresh	1,057	426	2.15	2,273	848.00	1,927,504
	1981	Fresh	993	213	6.36	6,315	592.00	3,738,480
Walnuts	1982	Dried	3,829	250	1.32	5,054	1,064.00	5,377,456
	1981	Dried	3,583	744	1.61	5,769	960.00	5,538,240
Miscellaneous <u>a/</u>	1982		209	38				244,229
	1981		398	203				730,015
TOTAL	1982		19,641	3,946				43,045,153
	1981		19,562	3,088**				34,396,194

a/ Pecans, Persimmons, Pomegranates, Quince, Apples, Prunes

\*\*Revised

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

FRUIT AND NUT CROPS - Cont'd.

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

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

VEGETABLE CROPS

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	UTILIZATION	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
				PER ACRE	TOTAL			PER UNIT	TOTAL
Cantaloupes	1982	Fresh	1,600	319	510,000	70 lb. Crate	\$ 2.50	\$	1,276,000
	1981	Fresh	1,709	253	432,377	70 lb. Crate	9.23		3,990,340
Lettuce	1982	Fresh	2,760	614	1,694,640	43 lb. Carton	4.56		7,727,558
	1981	Fresh	2,980	675	2,011,500	43 lb. Carton	4.06		8,166,690
Onions	1982	Proc.	1,443	16.00	23,088	Ton	75.00		1,731,600
	1981	Proc.	320	17.00	5,440	Ton	75.00		408,000
Peppers, Chili	1982	Dried	612	1.96	1,200	Ton	960.00		1,152,000
	1981	Dried	530	2.00	1,060	Ton	1,120.00		1,187,200
Tomatoes	1982	Fresh	243	12.75	3,098	Ton	408.00		1,263,984
Squash	1982	Fresh	245	9.00	2,205	Ton	290.00		639,450
Watermelons	1982	Fresh	204	16.00	3,264	Ton	70.00		228,480
	1981	Fresh	106	20	2,120	Ton	120.00		254,400
Miscellaneous <u>a/</u>	1982		2,143						3,642,316
	1981		1,023						4,762,369
TOTAL	1982		9,005					\$	17,021,938
	1981		7,268						18,769,000

a/ Includes Cauliflower, Broccoli, Carrots, Cabbage, Chinese Cabbage, Stringbeans, Cucumbers, Processed Tomatoes, Eggplant, Casaba, Garlic, Bell Peppers, Sweet Corn, Asparagus, Turnips, Potatoes, Crenshaw Melons, Honeydew Melons, Persian Melons

SEED CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL			PER UNIT	TOTAL
Certified Seed								
Alfalfa	1982	28,566	635	18,139,140	lb.	\$ 1.12	\$ 20,316,140	
	1981	26,693	656	17,510,608	lb.	1.25	21,888,260	
Barley	1982	2,509	2,940	7,376,460	lb.	.06	442,590	
	1981	2,451	3,440	8,431,440	lb.	.10	843,145	
Safflower	1982	0	0	0	lb.	.00	0	
	1981	816	1,780	1,452,480	lb.	.22	319,545	
Wheat	1982	6,318	3,940	24,892,920	lb.	.07	1,742,505	
	1981	6,468	5,200	33,633,600	lb.	.11	3,699,695	
Cotton	1982	0	0	0	lb.	0	0	
	1981	660	1,880	1,240,800	lb.	.069	85,615	
Other Seed								
Lettuce	1982	213	498	106,074	lb.	3.13	332,010	
	1981	1,236	419	517,884	lb.	2.29	1,185,955	
Uncertified Alfalfa	1982	14,135	635	8,975,725	lb.	1.10	9,873,300	
	1981	5,206	785	4,086,710	lb.	1.22	4,985,785	
Miscellaneous <u>a/</u>	1982	487					2,681,450	
	1981	607					601,305	
TOTAL	1982	52,228					\$ 35,387,995	
	1981	42,901					32,423,350	

a/ Flower, Eggplant, Onion, Snap Bean, Watermelon, Cabbage, Cucumber, Squash, Radish

	Acres	NURSERY PRODUCTS		Unit	Per Unit	Total
		Quantity	Sold			
Dec. Fruit & Nut Trees	1982	26	121,500	Plant	.78	\$94,700
	1981	4	100	Plant	6.00	600
Vegetable & Flower	1982	2	2,200	Plant	1.55	3,410
	1981	2	2,300	Plant	1.52	3,496
Plants in Flats, Bulbs	1982	28	123,700			98,180
	1981	6	2,400			4,096

Total

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LIVESTOCK AND POULTRY

ITEM	YEAR	PRODUCTION		UNIT	PER UNIT	VALUE TOTAL
		NO. OF HEAD	TOTAL LIVEWEIGHT			
Cattle & Calves	1982	130,014	822,028	Cwt.	\$ 59.40	\$ 48,828,463
	1981	119,652	829,914	Cwt.	57.40	47,637,060
Sheep & Lambs	1982	26,882	29,660	Cwt.	55.80	1,655,028
	1981	25,123	27,635	Cwt.	56.30	1,555,850
Hogs & Pigs	1982	1,300	286,000	lb.	.58	165,880
	1981	1,200	264,000	lb.	.48	126,720
Turkeys	1982	1,620,000	32,400,000	lb.	.39	12,636,000
	1981	1,530,000	30,600,000	lb.	.41	12,546,000
Fish - Catfish	1982		263,500	lb.	1.70	447,950
	1981		264,000	lb.	1.70	448,800
Miscellaneous <u>a/</u>	1982					561,270
	1981					877,045**
TOTAL	1982					\$ 64,294,591
	1981					\$ 63,191,475**

a/ Geese, Fryers, Other Chickens, Chicken Eggs

\*\*Revised

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

ITEM	January 1, 1982	January 1, 1983
Milk Cows 2 Years and Over	63,117	59,961
Cattle and Calves On Feed	6,126	4,595
Other Cattle and Calves	50,579	53,361
Total	<u>119,822</u>	<u>117,917</u>
Sheep and Lambs	39,608	28,938
Hogs and Pigs	480	520
Hens and Pullets	269,000	210,000

## LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Milk Market	1982	8,229,000	Cwt.	\$ 13.34	\$109,774,860
	1981	7,718,000	Cwt.	13.33	102,881,000
Manufacturing	1982	6,000	Cwt.	12.42	74,520
	1981	21,400	Cwt.	12.55	268,570
Wool	1982	245,974	lb.	.92	226,296
	1981	339,441	lb.	.98	332,650
TOTAL	1982				\$110,075,676
	1981				103,482,220**

## APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Honey	1982	5,475,640	lb.	.57	\$ 3,121,115
	1981	4,563,800	lb.	.51	2,327,538
Beeswax	1982	136,891	lb.	1.51	206,705
	1981	91,276	lb.	1.98	180,726
Pollination	1982	136,891	Col.	20.74	2,839,119
	1981	91,276	Col.	19.16	1,748,848
TOTAL	1982				\$ 6,166,939
	1981				4,257,111

\*\* Revised

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

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

1982 CROP SUMMARY

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

Field Crops	\$314,372,200	Seed Crops	\$ 35,387,995
Fruit and Nut Crops	43,045,153	Vegetable Crops	17,021,938
Livestock and Poultry	64,294,591	Nursery Products	98,180
Livestock and Poultry Products	110,075,676	Apiary Products	6,166,939
GRAND TOTAL			\$590,462,672

5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	1978	1979	1980	1981	1982
Field Crops	\$ 167,082,000	\$ 289,011,630 **	\$ 378,527,295	\$341,677,342	\$ 314,372,200
Acreage	828,525	816,001	808,836	888.075	793,025
Fruit and Nut Crops	26,847,180	37,515,140 **	42,738,819 **	34,396,194	43,045,153
Acreage	19,508	20,330**	20,664	19,562	19,641
Livestock and Poultry	48,965,000	75,283,225 **	70,917,370	63,191,475**	64,294,591
Livestock and Poultry Products	74,641,000	88,839,600	98,802,450	103,482,220**	110,075,676
Seed Crops	13,840,845	25,740,260	21,865,195 **	32,423,350	35,387,995
Acreage	37,965	37,541	31,990 **	42,901	52,228
Vegetable Crops	9,852,000	18,466,000 **	18,703,410	18,769,000	17,021,938
Acreage	5,985	9,733	8,186	7,268	9,005
Nursery Products	114,000	119,000	2,688 **	4,096	98,180
Apiary Products	1,844,000	2,174,000	2,877,855	4,257,112	6,166,939
TOTALS	\$ 343,186,025	\$ 537,148,855 **	\$ 635,233,678	598,200,789	\$ 590,462,672

\*\*Revised



MILLION DOLLAR CROPS - 1982

Cotton Lint	\$206,549,950	Almonds	\$ 3,159,865
Market Milk	109,774,860	Honey	3,121,115
Cattle and Calves	48,828,463	Olives	2,943,575
Cotton Seed	28,415,540	Pollination	2,839,119
Alfalfa Hay	25,217,135	Corn	2,712,080
Certified Alfalfa Seed	20,316,140	Other Silage	2,077,350
Wheat	17,164,290	Plums	1,927,504
Turkeys	12,636,000	Sorghum Grain	1,807,560
Safflower	11,717,630	Certified Wheat Seed	1,742,505
Uncertified Alfalfa Seed	9,873,300	Onions	1,731,600
Peaches	9,794,310	Nectarines	1,660,020
Pistachios	8,613,040	Sheep & Lambs	1,655,028
Grapes	7,868,685	Irrigated Pasture	1,400,000
Lettuce	7,727,558	Cantaloupe	1,276,000
Barley	7,378,255	Fresh Tomatoes	1,263,984
Walnuts	5,377,456	Sugar Beets	1,169,805
Corn Silage	4,630,735	Chili Peppers	1,152,000

## General Kings County Information

County Seat	Hanford
County Population	73,738
Population per Square Mile	52.9
Total Assessed Value	\$1,699,400,000
Land Area (Square Miles)	1,396
Total Acres	893,280
Number of Farms (1978)	1151
Land in Farms (Acres)	860,816
Total Cropland (Acres)	613,373
Irrigated Cropland (Acres)	556,446
Total Agricultural Work Force	7,190
Public Ownership of Land (Acres):	
Federal	30,974 (3.5%)
State	3,452 (.4%)
County & City	9,951 (1.1%)
School & Special Districts	4,426 (.4%)

Agricultural production ranked 10th among California counties and 20th among U.S. counties (Based on 1980 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

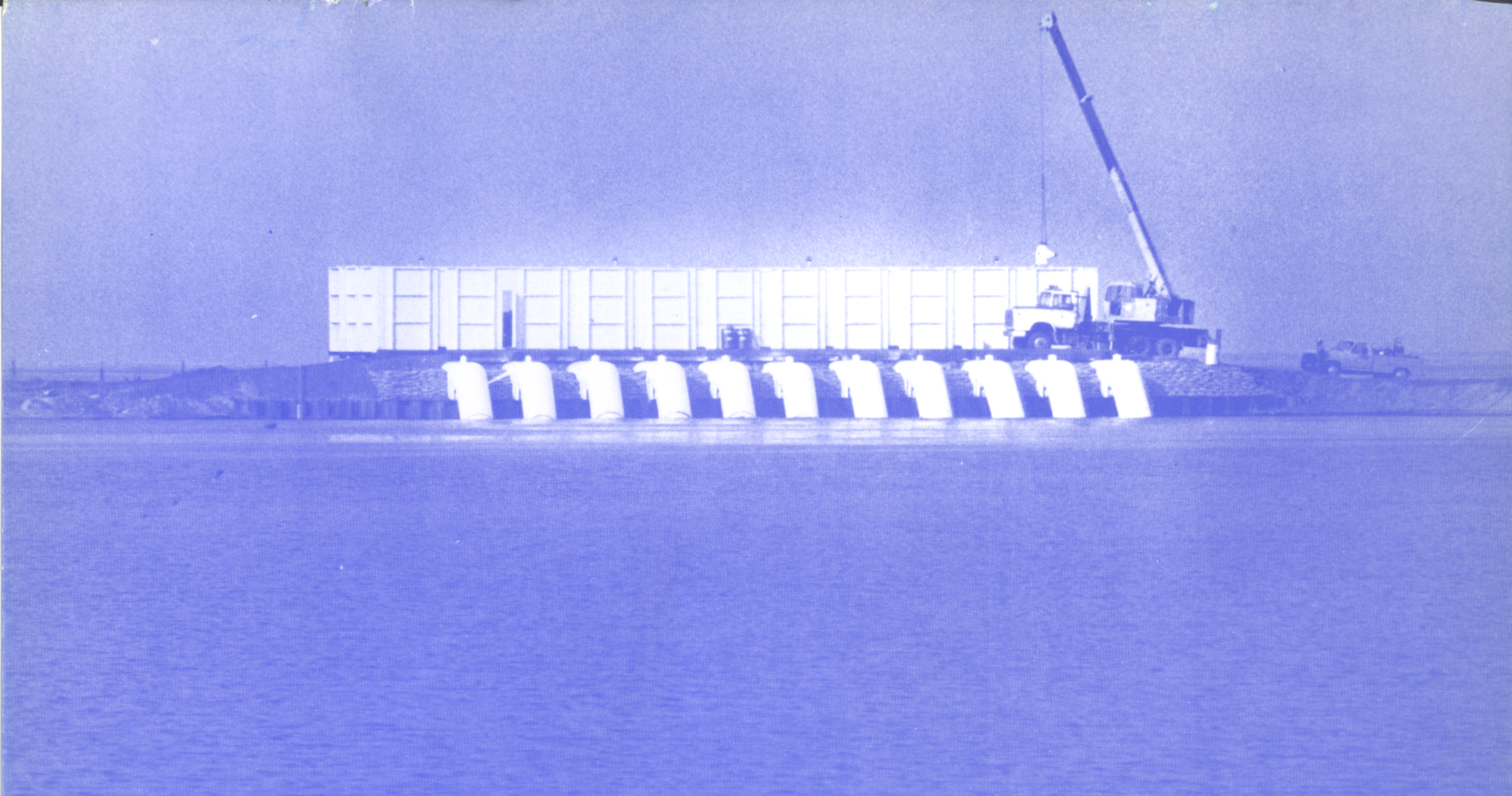
Average date of first fall frost: November 18

Average date of last spring frost: March 3

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

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	0.00	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	0.0	.04	.57	.06	.22	3.53	3.61	.99	.18	0.00	9.32
1940-41	0.00	0.00	0.00	0.00	.85	0.00	3.65	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	1.61	.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	1.61	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	.5	.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	.50	.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	.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	2.4	.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	.05	.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	0.00	7.03
1979-80	0.00	.04	0.00	.08	.41	.62	.41	2.90	2.71	1.28	.05	.04	8.54
1980-81	0.00	0.00	0.00	0.00	.09	.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	--	--	--	--	--	----
1982-83	.45	.18	.00	.64	1.03	2.15	.71						
													48 Year Total Rainfall 385.68
													Average Rainfall 8.035 in



# AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA, 1983

KINGS COUNTY  
DEPARTMENT OF AGRICULTURE

\*\* PERSONNEL \*\*

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

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Diane Reeves	Dennis Bray	Buzz Felleke
Paul Berry	Kaaren Anderson	

CLERICAL

Diane O'Daniel      Teri Stone      Arlene Elsome

X X

CROP REPORT COVER: Pumping stations on the Tulare Lake.

(Photo courtesy of The Hanford Sentinel)



# 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, 1984

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 1983 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 grown in Kings County during the calendar year 1983 was \$492,625,000., a 16.5% reduction in value from 1982.

Kings County agriculture experienced a disaster in 1983. Heavy seasonal rains and runoff caused extensive flooding to many farms, drastically reducing their agricultural production. The flooding, coupled with acreage and gross value reductions attributed to the Federal set aside and payment in kind programs reduced the 1983 year by \$97,795,000. from 1982.

Field and seed crops sustained reduced acreages overall. Fruit and nut crops together with vegetables, however, showed good yields and value over 1982.

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

A special thanks to the many individuals and organizations for their assistance in contributing their time and information for this report, and to Buzz Felleke of my staff, who compiled this report.

Respectfully submitted,

M. Hugh Handley  
Agricultural Commissioner  
Sealer of Weights and Measures

MHH:dod

## Tulare Lake - A Phantom Lake - It Comes & Goes

### In 1983 It Again Came

It was said to be the largest lake west of the Rockies and the time of The Civil War, being 60 miles long and 36 miles wide and covering 800 square miles at a depth of about 22 feet.

During the last century, dams were constructed and the rivers of the nearby Sierra Mountains were diverted for irrigation and flood control. With a few years of light rainfall, the lake gradually receded and dried, and the land was slowly reclaimed from an extensive swampy lake into productive cropland.

But at least eight times during the last century, when spring runoff was heavy, the land would again flood and as much as 90,000 acres of rich cropland would go under water, recreating the lake.

The wet winter of 1983 brought heavy runoff waters again to the Tulare Lake Basin. Extensive crop plantings were flooded and Tulare Lake was filled with about 800,000 acre feet of floodwater.

During 1983, measures were taken to remove the flood water, in order again to prepare the land for agricultural production. A series of pumping stations were installed to lift the water into channels and into the Kings River for its journey on to the San Joaquin River and eventually to the Pacific Ocean.

However, the finding of White Bass, a predator fish, and not established in the San Joaquin Delta, prevented the immediate dewatering of the Tulare Lake Basin, during 1983-84.

After the White Bass spawns in the Tulare Lake, and the young fish grow to finger size, the pumps are scheduled to begin dewatering the flooded farmland. Screens installed in the channels will prevent all fish from entering the rivers downstream. If all goes as scheduled, the phantom Tulare Lake will again disappear, being replaced with many fields of agricultural crops.

ANNUAL CROP REPORT  
FOR YEAR 1983

\*\*\*\*\*

KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

\*\*\*\*\*

KINGS COUNTY  
BOARD OF SUPERVISORS

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JOE HAMMOND . . . . . DISTRICT II  
DOM FARUZZI . . . . . DISTRICT III  
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ABEL MEIRELLES. . . . . DISTRICT V

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

\*\*\*\*\*

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

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL			TOTAL	TOTAL
Barley	1983	30,378	1.46	44,352	Ton	\$ 119.00	\$ 5,278,000	
	1982	42,899	1.47	63,062	Ton	\$ 117.00	\$ 7,378,255	
Corn	1983	9,396	3.11	29,589	Ton	142.00	4,150,000	
	1982	17,044	1.56	26,589	Ton	102.00	2,712,080	
Cotton Lint	1983	189,815	2.05	389,121	495-lb. Bale	380.00	147,866,000	
	1982	274,361	2.36	647,492	495-lb. Bale	319.00	206,549,950	
Cotton Seed	1983			160,512	Ton	165.00	26,484,000	
	1982			281,342	Ton	101.00	28,415,540	
Cotton Planting Seed	1983			2,724	Ton	181.00	493,000	
	1982			5,609	Ton	150.00	841,350	
Hay Alfalfa	1983	22,150	6.05	134,007	Ton	98.47	13,196,000	
	1982	38,097	7.88	300,204	Ton	84.00	25,217,135	
Grain	1983	543	3.50	1,900	Ton	65.00	125,000	
	1982	2,784	3.50	9,744	Ton	60.00	584,640	
Pasture Irrigated	1983	12,000			Acre	105.00	1,260,000	
	1982	12,500			Acre	112.00	1,400,000	
Range	1983	220,000			Acre	2.00	440,000	
	1982	218,000			Acre	2.00	436,000	
Other	1983	45,000			Acre	18.00	810,000	
	1982	44,500			Acre	18.00	801,000	
Safflower	1983	6,680	1.24	8,283	Ton	250.00	2,071,000	
	1982	35,390	1.10	38,929	Ton	301.00	11,717,630	

Screenings	1983			2,670	Ton	\$ 44.00	\$ 117,000
	1982			4,220	Ton	53.00	223,660
Silage							
Corn	1983	11,316	15.78	178,566	Ton	16.00	2,857,000
	1982	14,950	21.10	315,445	Ton	14.68	4,630,735
Other	1983	3,303	22.75	75,143	Ton	15.53	1,167,000
	1982	12,044	12.32	148,382	Ton	14.00	2,077,350
Sorghum Grain	1983	2,726	1.86	5,070	Ton	114.00	578,000
	1982	8,583	2.34	20,084	Ton	90.00	1,807,560
Dry Beans	1983	1,894	1.07	2,026	Ton	718.00	1,445,000
	1982	1,118	.90	1,006	Ton	396.00	398,375
Straw	1983			16,000	Ton	25.00	400,000
	1982			8,039	Ton	35.00	281,365
Sugar Beets	1983	2,436	21.38	52,082	Ton	34.00	1,771,000
	1982	1,259	28.59	35,994	Ton	32.50	1,169,805
Wheat	1983	43,876	3.08	135,138	Ton	131.00	17,703,000
	1982	67,022	1.97	132,033	Ton	130.00	17,164,290
Miscellaneous <u>a/</u>	1983	2,077					708,000
	1982	2,474					565,480
<hr/>							
TOTAL	1983	603,590					\$228,929,000
	1982	793,025					314,372,000
<hr/>							

a/ Oats, Rice

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

FIELD CROPS - Cont'd

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

FRUIT AND NUT CROPS

CROP	YEAR	UTILIZATION	ACREAGE		PRODUCTION		VALUE		
			BEARING	NON BEARING	PER ACRE	TOTAL TONS	PER TON	TOTAL	
Almonds - Meats	1983	Dried	3,756	180	.46	1,728	\$ 2,300.00	\$ 3,974,000	
	1982	Dried	3,436	320	.57	1,959	1,613.00	3,159,865	
Almonds - Hulls	1983					2,868	75.00	215,000	
	1982					3,252	60.00	195,120	
Apricots	1983	Fresh				495	\$ 540.00	\$ 267,000	
		Processed				992	108.00	107,000	
		Total	210	6	7.08	1,487		374,000	
	1982	Fresh				317	717.00	227,289	
		Processed				419	150.00	62,850	
		Total	143	61	5.15	<u>736</u>		<u>290,139</u>	
Grapes Raisin Varieties	1983	Fresh				834	725.00	605,000	
		Dried				3,057	1,000.00	3,057,000	
		Crushed				13,085	110.00	1,439,000	
		Total	2,316	188		16,976		5,101,000	
	1982	Fresh				828	695.00	575,460	
		Dried				2,973	1,300.00	3,864,900	
		Crushed				12,714	117.00	1,487,538	
		Total	2,247	257		<u>16,515</u>		<u>5,927,898</u>	
	Wine Varieties	1983	Crushed	1,290	159	7.30	9,417	141.00	1,328,000
		1982	Crushed	1,074	375	10.55	11,331	124.00	1,405,045
Table Varieties	1983	Fresh	122	83	9.60	1,171	820.00	960,000	
	1982	Fresh	112	93	6.04	676	794.00	536,745	
Total - All Grapes	1983		3,728	430				7,389,000	
	1982		3,433	725				7,868,685	
Kiwi	1983	Fresh	166	81	4.58	760	1,900.00	1,444,000	
	1982	Fresh	179	87	2.92	523	1,857.00	971,210	
Nectarines	1983	Fresh	887	300	7.87	6,981	460.00	3,211,000	
	1982	Fresh	748	379	7.60	5,685	292.00	1,660,000	

Olives	1983		1,146	0	4.94	5,661	\$ 557.00	\$ 3,153,000
	1982		1,167	0	5.31	6,197	475.00	2,943,575
Peaches								
Clingstone	1983	Processed	1,293	160	15.50	20,041	149.00	2,986,000
	1982	Processed	1,255	198	20.00	25,100	190.00	4,769,000
Freestone	1983	Fresh Processed Total	1,378	404	10.30	14,193	477.00	6,770,000
	1982	Fresh Processed Total	1,333	449	8.10	10,657 140 <u>10,797</u>	470.00 118.00	5,008,790 16,520 <u>5,025,310</u>
Total - All Peaches	1983		2,671	564		30,087		9,756,000
	1982		2,588	647		35,897		9,794,310
Pistachios	1983	Dried	3,386	789	.52	1,760	3,220.00	5,667,000
	1982	Dried	2,852	1,013	1.00	2,852	3,020.00	8,613,040
Plums	1983	Fresh	1,205	281	4.90	5,904	619.00	3,655,000
	1982	Fresh	1,057	426	2.15	2,273	848.00	1,927,504
Pomegranates	1983	Fresh	188	11	4.01	754	550.00	415,000
Walnuts	1983	Dried	4,516	514	0.98	4,425	665.00	2,943,000
	1982	Dried	3,829	250	1.32	5,054	1,064.00	5,377,456
Miscellaneous <u>a/</u>	1983		229	59				288,000
	1982		209	38				244,229
<hr/>								
TOTAL	1983		28,487	4,209				42,484,000
	1982		19,641	3,946				43,045,153
<hr/>								

a/ Asian Pear, Pecans, Persimmons, Quince, Prunes

\*\*Revised

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

FRUIT AND NUT CROPS - Cont'd.

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

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

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

VEGETABLE CROPS

CROP	YEAR	UTILIZATION	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
				PER ACRE	TOTAL			PER UNIT	TOTAL
Cantaloupes	1983	Fresh	2,510	552	1,385,000	40 lb. Crate	\$ 4.37	\$ 6,055,000	
	1982	Fresh	1,600	319	510,000	70 lb. Crate	2.50		1,276,000
Lettuce	1983	Fresh	1,693	889	1,505,077	43 lb. Carton	6.00		9,031,000
	1982	Fresh	2,760	614	1,694,640	43 lb. Carton	4.56		7,727,558
Onions	1983	Proc	728	14.20	10,338	Ton	72.00		744,000
	1982	Proc.	1,443	16.00	23,088	Ton	75.00		1,731,600
Tomatoes	1983	Proc.	2,278	25.80	58,772	Ton	53.00		3,156,000
Tomatoes	1983	Fresh	370	16.00	5,920	Ton	312.00		1,847,000
	1982	Fresh	243	12.75	3,098	Ton	408.00		1,263,984
Watermelons	1983	Fresh	345	16.00	5,520	Ton	61.00		337,000
	1982	Fresh	204	16.00	3,264	Ton	70.00		228,480
Miscellaneous <u>a/</u>	1983		2,137						2,904,000
	1982		2,143						3,642,316
TOTAL	1983		10,061						\$ 24,074,000
	1982		9,005						17,021,938

a/ Includes Asparagus, Broccoli, Cabbage, Cauliflower, Carrot, Garlic, Egg Plant, Misc. Melon, Bell Peppers, Potatoes, Squash and Strawberries

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

SEED CROPS

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL			TOTAL	TOTAL
Certified Seed								
Alfalfa	1983	15,265	630	9,616,950	lb.	\$ 1.12	\$ 10,771,000	
	1982	28,566	635	18,139,140	lb.	1.12	20,316,140	
Barley	1983	576	2,920	1,681,920	lb.	0.14	235,000	
	1982	2,509	2,940	7,376,460	lb.	.06	442,590	
Wheat	1983	2,045	6,160	12,597,200	lb.	0.11	1,386,000	
	1982	6,318	3,940	24,892,920	lb.	.07	1,742,505	
Other Seed								
Lettuce	1983	169	556	93,964	lb.	2.35	221,000	
	1982	213	498	106,074	lb.	3.13	332,010	
Uncertified Alfalfa	1983	7,647	630	4,817,610	lb.	1.09	5,251,000	
	1982	14,135	635	8,975,725	lb.	1.10	9,873,300	
Miscellaneous <u>a/</u>	1983	292					231,000	
	1982	487					2,681,450	
TOTAL	1983	25,994					\$ 18,095,000	
	1982	52,228					35,387,995	

a/ Blackeye Peas, Broccoli, Cabbage, Egg Plant, Flower, Onion & Watermelon

	YEAR	Acres	NURSERY PRODUCTS		Unit	Per Unit	Total
			Quantity	Sold			
Dec. Fruit & Nut Trees	1983	3	8,000		Plant	4.50	\$36,000
	1982	26	121,500		Plant	.78	94,700
Vegetable & Flower	1983	1	2,100		Plant	6.80	14,000
	1982	2	2,200		Plant	1.55	3,410
Plants in Flats, Bulbs	1983						50,000
	1982	28	123,700				98,180
Total							

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	1983	129,354	787,802	Cwt.	\$ 60.91	\$ 47,985,000	
	1982	130,014	822,028	Cwt.	59.40		48,828,463
Sheep & Lambs	1983	24,520	25,746	Cwt.	62.00	1,596,000	
	1982	26,882	29,660	Cwt.	55.80		1,655,028
Hogs & Pigs	1983	1,148	214,446	lb.	.54		116,000
	1982	1,300	286,000	lb.	.58		165,880
Turkeys	1983	1,183,547	27,221,581	lb.	.40	10,889,000	
	1982	1,620,000	32,400,000	lb.	.39		12,636,000
Fish - Catfish	1983		20,938	lb.	1.70		36,000
	1982		263,500	lb.	1.70		447,950
Miscellaneous <u>a/</u>	1983						1,531,000
	1982						561,270
TOTAL	1983						\$ 62,153,000
	1982						64,294,591

a/ Geese, Fryers, Other Chickens, Chicken Eggs  
 \*\*Revised

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

ITEM	January 1, 1983	January 1, 1984
Milk Cows 2 Years and Over	59,961	59,085
Cattle and Calves On Feed	4,595	8,354
Other Cattle and Calves	53,361	136,384
Total	<u>117,917</u>	<u>203,823</u>
Sheep and Lambs	28,938	14,978
Hogs and Pigs	520	353
Hens and Pullets	210,000	197,500

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE	
						TOTAL
Milk Market	1983	8,665,000	Cwt.	\$ 12.89		\$111,692,000
	1982	8,229,000	Cwt.	13.34		109,775,000
Manufacturing	1983	40,000	Cwt.	12.13		485,000
	1982	20,700**	Cwt.	12.42		258,000**
Wool	1983	129,645	lb.	.70		91,000
	1982	245,974	lb.	.92		226,296
TOTAL	1983					\$112,268,000
	1982					110,033,000**

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE	
						TOTAL
Honey	1983	5,004,720	lb.	.56		\$ 2,803,000
	1982	5,475,640	lb.	.57		3,121,115
Beeswax	1983	83,412	lb.	1.20		101,000
	1982	136,891	lb.	1.51		206,705
Pollination	1983	83,412	Col.	20.00		1,668,000
	1982	136,891	Col.	20.74		2,839,119
TOTAL	1983					\$ 4,572,000
	1982					6,166,939

\*\* Revised

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

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER



1983 CROP SUMMARY

Field Crops	\$ 228,929,000	Seed Crops	\$ 18,095,000
Fruit and Nut Crops	\$ 42,484,000	Vegetable Crops	\$ 24,074,000
Livestock and Poultry	\$ 62,153,000	Nursery Products	\$ 50,000
Livestock and Poultry Products	\$ 112,268,000	Apiary Products	\$ 4,572,000
GRAND TOTAL		\$ 492,625,000	

5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	1979	1980	1981	1982	1983
Field Crops	\$ 289,011,630 **	\$ 378,527,295	\$341,677,342	\$ 314,372,000	\$ 228,929,000
Acreage	816,001	808,836	888.075	793,025	603,000
Fruit and Nut Crops	37,515,140 **	42,738,819 **	34,396,194	43,045,000	42,484,000
Acreage	20,330**	20,664	19,562	19,641	32,696
Livestock and Poultry	75,283,225 **	70,917,370	63,191,475**	64,295,000	62,153,000
Livestock and Poultry Products	88,839,600	98,802,450	103,482,220**	110,033,000**	112,268,000
Seed Crops	25,740,260	21,865,195 **	32,423,350	35,388,000	18,095,000
Acreage	37,541	31,990 **	42,901	52,228	25,994
Vegetable Crops	18,466,000 **	18,703,410	18,769,000	17,022,000	24,074,000
Acreage	9,733	8,186	7,268	9,005	10,061
Nursery Products	119,000	2,688 **	4,096	98,000	50,000
Apiary Products	2,174,000	2,877,855	4,257,112	6,167,000	4,572,000
TOTALS	\$ 537,148,855 **	\$ 635,233,678	\$598,200,789	\$ 590,420,000**	\$ 492,625,000

\*\*Revised

General Kings County Information

County Seat	Hanford
County Population	73,738
Population per Square Mile	52.9
Total Assessed Value	\$1,748,615,339
Land Area (Square Miles)	1,396
Total Acres	893,280
Number of Farms (1978)	1151
Land in Farms (Acres)	860,816
Total Cropland (Acres)	613,373
Irrigated Cropland (Acres)	556,446
Total Agricultural Work Force	7,190

Public Ownership of Land (Acres):

Federal	30,974	(3.5%)
State	3,452	(.4%)
County & City	9,951	(1.1%)
School & Special Districts	4,426	(.4%)

Agricultural production ranked 10th among California counties and 20th among U.S. counties (Based on 1980 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 first fall frost: November 18

Average date of last spring frost: March 3

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

MILLION DOLLAR CROPS - 1983

Cotton Lint	\$ 147,866,000	Plums	\$ 3,655,000
Market Milk	111,692,000	Nectarines	3,211,000
Cattle and Calves	47,985,000	Processed Tomatoes	3,156,000
Cotton Seed	26,484,000	Olives	3,153,000
Wheat	17,703,000	Walnuts	2,943,000
Alfalfa Hay	13,196,000	Corn Silage	2,857,000
Turkeys	10,889,000	Honey	2,803,000
Certified Alfalfa Seed	10,771,000	Safflower	2,071,000
Peaches	9,756,000	Fresh Tomatoes	1,847,000
Lettuce	9,031,000	Sugar Beets	1,771,000
Grapes	7,097,000	Pollination	1,668,000
Cantaloupe	6,055,000	Sheep & Lambs	1,596,000
Pistachios	5,667,000	Dried Beans	1,455,000
Barley	5,278,000	Kiwi	1,444,000
Uncertified Alfalfa Seed	5,251,000	Certified Wheat Seed	1,386,000
Corn	4,150,000	Irrigated Pasture	1,260,000
Almonds	3,974,000	Other Silage	1,167,000

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	0.00	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	0.0	.04	.57	.06	.22	3.53	3.61	.99	.18	0.00	9.32
1940-41	0.00	0.00	0.00	0.00	.85	0.00	3.65	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	1.61	.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	1.61	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	.5	.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	.50	.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	.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	2.4	.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	.05	.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	0.00	7.03
1979-80	0.00	.04	0.00	.08	.41	.62	.41	2.90	2.71	1.28	.05	.04	8.54
1980-81	0.00	0.00	0.00	0.00	.09	.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	.00	.64	1.03	2.15	.71	3.74	2.59	3.39	1.63	.04	16.55
1983-84	0.00	0.00	.05	.82	.43	1.66	1.22						
													48 Year Total Rainfall 401.25
													Average Rainfall 8.189 in



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# AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA

KINGS COUNTY  
DEPARTMENT OF AGRICULTURE

\*\* PERSONNEL \*\*

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

Lewis H. Brautigam

Leland P. Tos

DEPUTY SEALER OF WEIGHTS AND MEASURES

Monty H. Hopper

AGRICULTURAL AND STANDARDS INSPECTORS

Edwin L. Rush

Mel Gifford

Bernard Costa

Lloyd Bookout

Stephanie Colvin

Jim Dodd

Michael Leoni

Alfredo Prieto

Robert Umino

Diane Perry

Dennis Bray

Buzz Felleke

Paul Berry

Kaaren Anderson

Dan Lynch

CLERICAL

Diane O'Daniel

Arlene Elsome

Sally Navarro

X X

CROP REPORT COVER: Number 289 world record lifetime milk producer.  
(See enclosed story)

(Photo courtesy of M.G. Maciel and Son)



# 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, 1985

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 1984 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 grown in Kings County during the calendar year 1984, was \$569,716,000., an increase of over 15.8% from 1983.

The majority of crops and commodities reflected increased values totaling nearly 78 million dollars over 1983.

Cotton, Kings County's leading field crop, led all other crops with a value of over 213 million dollars (including seed), due to increased acreage.

Substantial increases were reflected in livestock and poultry products, seed crops and nut crops. However, vegetable crops reflected declining values from reduced acreages, and most fruit crops declined in value due to depressed prices.

I must emphasize that 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 of my staff, who compiled the report.

Respectfully submitted,

M. Hugh Handley  
Agricultural Commissioner  
Sealer of Weights and Measures

MHH:dod

In Memory Of Cow - 289  
Born 9-6-64 Died 5-1-84  
World Record Lifetime Milk Producer

Owner  
M.G. Maciel And Son Dairy

She did not have any fancy name and she was called Number 289. Owned by the M.G. Maciel and Son Dairy Number 289, who died, (last year) was the world's most productive cow.

The 19 year old "grade" Holstein cow gave more milk than any other cow in the world. During her lifetime she produced more than 54,070 gallons of milk, enough to fill more than eight 60 foot tanker trucks. That is about seven gallons of milk a day. The cow lived nearly four times longer than the average Holstein cow, and produced more than nine times the amount of milk the average cow would give in her lifetime.

There was only one registered Holstein cow from Ohio, known as Breezewood Patsy Bar Pontiac, who was very competitive to Number 289 by producing 425,769 pounds of milk in her lifetime. But three years ago Number 289 took over the undisputed title of being the highest milk producer by producing 465,224 pounds of milk.

Number 289 had 13 calves, 11 were bulls. The memory of Number 289 will be with many people around the world in the milk industry for years to come.

The cow was buried right next to the milking barn where she gave so much milk. The dairyman has placed a plaque over her grave in the memory of her and the tag bearing her Number 289 will also be retired and not be used again.



ANNUAL CROP REPORT  
FOR YEAR 1984

\*\*\*\*\*

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

\*\*\*\*\*

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FIELD CROPS

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL				TOTAL
Barley	1984	18,621	1.75	32,587	Ton	\$ 128.00	\$	4,171,000
	1983	30,378	1.46	44,352	Ton	119.00		5,278,000
Corn	1984	13,090	4.43	57,989	Ton	122.00		7,075,000
	1983	9,396	3.11	29,589	Ton	142.00		4,150,000
Cotton Lint	1984	267,292	2.00	534,584	495-lb. Bale	351.00		187,639,000
	1983	189,815	2.05	389,121		380.00		147,866,000
Cotton Seed	1984			220,515	Ton	117.00		25,800,000
	1983			160,512	Ton	165.00		26,484,000
Cotton Planting Seed	1984			2,901	Ton	145.00		421,000
	1983			2,724	Ton	181.00		493,000
Hay Alfalfa	1984	26,006	7.96	207,007	Ton	80.00		16,561,000
	1983	22,150	6.05	134,007	Ton	98.47		13,196,000
Grain	1984	565	4.00	2,260	Ton	65.00		147,000
	1983	543	3.50	1,900	Ton	65.00		125,000
Pasture Irrigated	1984	13,000			Acre	108.00		1,404,000
	1983	12,000				105.00		1,260,000
Range	1984	223,000			Acre	2.00		446,000
	1983	220,000				2.00		440,000
Other	1984	48,000			Acre	18.00		864,000
	1983	45,000				18.00		810,000
Safflower	1984	21,865	0.93	20,334	Ton	275.00		5,592,000
	1983	6,680	1.24	8,283	Ton	250.00		2,071,000

Screenings	1984			2,537	Ton	\$ 43.00	\$ 109,000
	1983			2,670	Ton	44.00	117,000
Silage Corn	1984	9,981	21.00	209,601	Ton	15.00	3,144,000
	1983	11,316	15.78	178,566	Ton	16.00	2,857,000
Other	1984	860	16.00	13,760	Ton	14.00	193,000
	1983	3,303	22.75	75,143	Ton	15.53	1,167,000
Sorghum Grain	1984	1,846	2.48	4,578	Ton	113.00	517,000
	1983	2,726	1.86	5,070	Ton	114.00	578,000
Dry Beans	1984	1,946	1.02	1,985	Ton	576.00	1,143,000
	1983	1,894	1.07	2,026	Ton	718.00	1,445,000
Sugar Beets	1984	1,622	23.76	38,539	Ton	33.00	1,272,000
	1983	2,436	21.38	52,082	Ton	34.00	1,771,000
Wheat	1984	51,962	3.14	163,161	Ton	123.00	20,069,000
	1983	43,876	3.08	135,138	Ton	131.00	17,703,000
Miscellaneous <u>a/</u>	1984	1,271					596,000
	1983	2,077					708,000
<hr/>							
TOTAL	1984	700,927					\$277,163,000
	1983	603,590					\$228,929,000
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a/ Oats, Rice

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

FIELD CROPS - Cont'd

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

FRUIT AND NUT CROPS

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	UTILIZATION	ACREAGE		PRODUCTION		VALUE	
			BEARING	NON BEARING	PER ACRE	TOTAL TONS	PER TON	TOTAL
Almonds	1984	Dried	3,872	116	.94	3,640	\$ 1,700.00	\$ 6,188,000
	1983	Dried	3,756	180	.46	1,728	2,300.00	3,974,000
Almonds - Hulls	1984					1,930	65.00	125,000
	1983					2,868	75.00	215,000
Apricots	1984	Fresh				1,250	773.00	966,000
		Processed				600	258.00	155,000
		Total	236	47	7.84	<u>1,850</u>		<u>1,121,000</u>
	1983	Fresh				495	540.00	267,000
Processed					992	108.00	107,000	
Total		210	6	7.08	<u>1,487</u>		<u>374,000</u>	
Grapes Raisin Varieties	1984	Fresh				836	522.00	436,000
		Dried				3,064	845.00	2,589,000
		Crushed				<u>13,110</u>	115.00	<u>1,508,000</u>
	Total	2,379	82		<u>17,010</u>		<u>4,533,000</u>	
1983	Fresh				834	725.00	605,000	
	Dried				3,057	1,000.00	3,057,000	
	Crushed				<u>13,085</u>	110.00	<u>1,439,000</u>	
Total	2,316	188		<u>16,976</u>		<u>5,101,000</u>		
Wine Varieties	1984	Crushed	1,117	301	8.75	9,774	100.00	977,000
	1983	Crushed	1,290	159	7.30	9,417	141.00	1,328,000
Table Varieties	1984	Fresh	122	83	10.80	1,318	866.00	1,141,000
	1983	Fresh	122	83	9.60	1,171	820.00	960,000
Total - All Grapes	1984		3,618	466				6,651,000
	1983		3,728	430				7,389,000
Kiwi	1984	Fresh	178	101	5.47	974	2,264.00	2,205,000
	1983	Fresh	166	81	4.58	760	1,900.00	1,444,000
Nectarines	1984	Fresh	1,187	271	7.87	9,342	378.00	3,531,000
	1983	Fresh	887	300	7.87	6,981	460.00	3,211,000

Olives	1984		1,146	0	4.06	4,653	\$ 533.00	\$ 2,480,000
	1983		1,146	0	4.94	5,661	557.00	3,153,000
Peaches								
Clingstone	1984	Processed	1,293	160	20.00	25,860	182.00	4,707,000
	1983	Processed	1,293	160	15.50	20,041	149.00	2,986,000
Freestone	1984	Fresh Processed Total	1,378	404	9.40	12,953	357.00	4,624,000
	1983	Fresh Processed Total	1,378	404	10.30	14,193	477.00	6,770,000
Total - All Peaches	1984		2,671	564		38,813		9,331,000
	1983		2,671	564		30,087		9,756,000
Pistachios	1984	Dried	2,674	1,326	1.15	3,075	2,300.00	7,073,000
	1983	Dried	2,671**	852	.57	1,522	3,220.00	4,902,000
Plums	1984	Fresh	1,486	504	5.70	8,470	336.00	2,846,000
	1983	Fresh	1,205	281	4.90	5,904	619.00	3,655,000
Pomegranates	1984	Fresh	189	10	4.85	917	404.00	370,000
	1983	Fresh	188	11	4.01	754	550.00	415,000
Walnuts	1984	Dried	5,016	882	1.66	8,326	747.00	6,220,000
	1983	Dried	4,516	514	0.98	4,425	665.00	2,943,000
Miscellaneous <u>a/</u>	1984		226	165				225,000
	1983		229	59				288,000
<hr/>								
TOTAL	1984		22,499	4,452				48,366,000
	1983		28,487	4,209				42,484,000
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a/ Asian Pear, Pecans, Persimmons, Prunes, Quince  
 \*\*Revised

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

FRUIT AND NUT CROPS - Cont'd.

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

VEGETABLE CROPS

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	UTILIZATION	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
				PER ACRE	TOTAL			PER UNIT	TOTAL
Cantaloupes	1984	Fresh	1,158	442.00	511,836	40 lb. Crate	\$ 4.13	\$ 2,114,000	
	1983	Fresh	2,510	552.00	1,385,000	40 lb. Crate	4.37	6,055,000	
Lettuce	1984	Fresh	729	752.00	548,208	43 lb. Carton	5.60	3,070,000	
	1983	Fresh	1,693	889.00	1,505,077	43 lb. Carton	6.00	9,031,000	
Onions	1984	Processed	960	17.55	16,848	Ton	72.00	1,213,000	
	1983	Processed	728	14.20	10,338	Ton	72.00	744,000	
Tomatoes	1984	Processed	2,200	28.70	63,140	Ton	52.00	3,283,000	
	1983	Processed	2,278	25.80	58,772	Ton	53.00	3,156,000	
Tomatoes	1984	Fresh	344	16.00	5,504	Ton	320.00	1,761,000	
	1983	Fresh	370	16.00	5,920	Ton	312.00	1,847,000	
Watermelons	1984	Fresh	184	21.00	3,864	Ton	77.00	298,000	
	1983	Fresh	345	16.00	5,520	Ton	61.00	337,000	
Miscellaneous <u>a/</u>	1984		2,523					3,588,000	
	1983		2,137					2,904,000	
TOTAL	1984		8,098					\$ 15,327,000	
	1983		10,061					24,074,000	

a/ Asparagus, Chinese Cabbage (Napa), Cabbage, Carrot, Egg Plant, Garlic, Green Onion, Onion, Misc. Melon, Potatoes, Snap Beans, String Beans Squash and Strawberries.

SEED CROPS

M. HUGH HANDLEY  
AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL			TOTAL	TOTAL
Certified Seed								
Alfalfa	1984	22,404	784	17,564,736	lb.	\$ 1.11		\$ 19,497,000
	1983	15,265	630	9,616,950	lb.	1.12		10,771,000
Barley	1984	911	6,578	5,992,558	lb.	0.07		419,000
	1983	576	2,920	1,681,920	lb.	0.14		235,000
Wheat	1984	7,762	5,954	46,214,948	lb.	0.08		3,697,000
	1983	2,045	6,160	12,597,200	lb.	0.11		1,386,000
Other Seed								
Lettuce	1984	305	365	111,325	lb.	3.62		403,000
	1983	169	556	93,964	lb.	2.35		221,000
Uncertified Alfalfa	1984	1,972	784	1,546,048	lb.	1.08		1,670,000
	1983	7,647	630	4,817,610	lb.	1.09		5,251,000
Miscellaneous <u>a/</u>	1984	478						417,000
	1983	292						231,000
TOTAL	1984	33,832						\$ 26,103,000
	1983	25,994						\$ 18,095,000

a/ Bell Peppers, Black Eye Peas, Chili Peppers, Egg Plant, Flower, Nursery, Radish and Watermelon

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

ITEM	January 1, 1984	January 1, 1985
Milk Cows 2 Years and Over	59,085	65,500
Cattle and Calves On Feed	8,354	5,000
Other Cattle and Calves	136,384	53,000
Total	203,823	123,500
Sheep and Lambs	14,978	17,164
Hogs and Pigs	353	400
Hens and Pullets	197,500	164,596

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

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

ITEM	YEAR	LIVESTOCK AND POULTRY PRODUCTION		UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVEWEIGHT		PER UNIT	TOTAL
Cattle & Calves	1984	153,220	906,621	Cwt.	\$ 64.40	\$ 58,386,000
	1983	129,354	787,802	Cwt.	60.91	47,985,000
Sheep & Lambs	1984	21,088	22,142	Cwt.	65.00	1,439,000
	1983	24,520	25,746	Cwt.	62.00	1,596,000
Hogs & Pigs	1984	1,160	247,892	lb.	.56	139,000
	1983	1,148	214,446	lb.	.54	116,000
Turkeys	1984	1,394,342	32,069,866	lb.	.44	14,111,000
	1983	1,183,547	27,221,581	lb.	.40	10,889,000
Fish - Catfish	1984		16,000	lb.	1.40	22,000
	1983		20,938	lb.	1.70	36,000
Miscellaneous <u>a/</u>	1984					1,576,000
	1983					1,531,000
TOTAL	1984					\$ 75,673,000
	1983					62,153,000

a/ Geese, Fryers, Other Chickens, Chicken Eggs

\*\*Revised

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Milk Market	1984	9,493,000	Cwt.	\$ 12.73	\$120,846,000
	1983	8,665,000	Cwt.	12.89	111,692,000
Manufacturing	1984	27,000	Cwt.	12.04	325,000
	1983	40,000	Cwt.	12.13	485,000
Wool	1984	219,315	lb.	.90	197,000
	1983	129,645	lb.	.70	91,000
TOTAL	1984				\$121,368,000
	1983				112,268,000



APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Honey	1984	6,001,080	lb.	.60	\$ 3,601,000
	1983	5,004,720	lb.	.56	2,803,000
Beeswax	1984	100,018	lb.	1.15	115,000
	1983	83,412	lb.	1.20	101,000
Pollination	1984	100,018	Colonies	20.00	2,000,000
	1983	83,412	Colonies	20.00	1,668,000
TOTAL	1984				\$ 5,716,000
	1983				4,572,000
** Revised					

1984 CROP SUMMARY

Field Crops	\$ 277,163,000	Seed Crops	\$ 26,103,000
Fruit and Nut Crops	\$ 48,366,000	Vegetable Crops	\$ 15,327,000
Livestock and Poultry	\$ 75,673,000	Apiary Products	\$ 5,716,000
Livestock and Poultry Products	\$ 121,368,000		
GRAND TOTAL			\$ 569,716,000

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

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

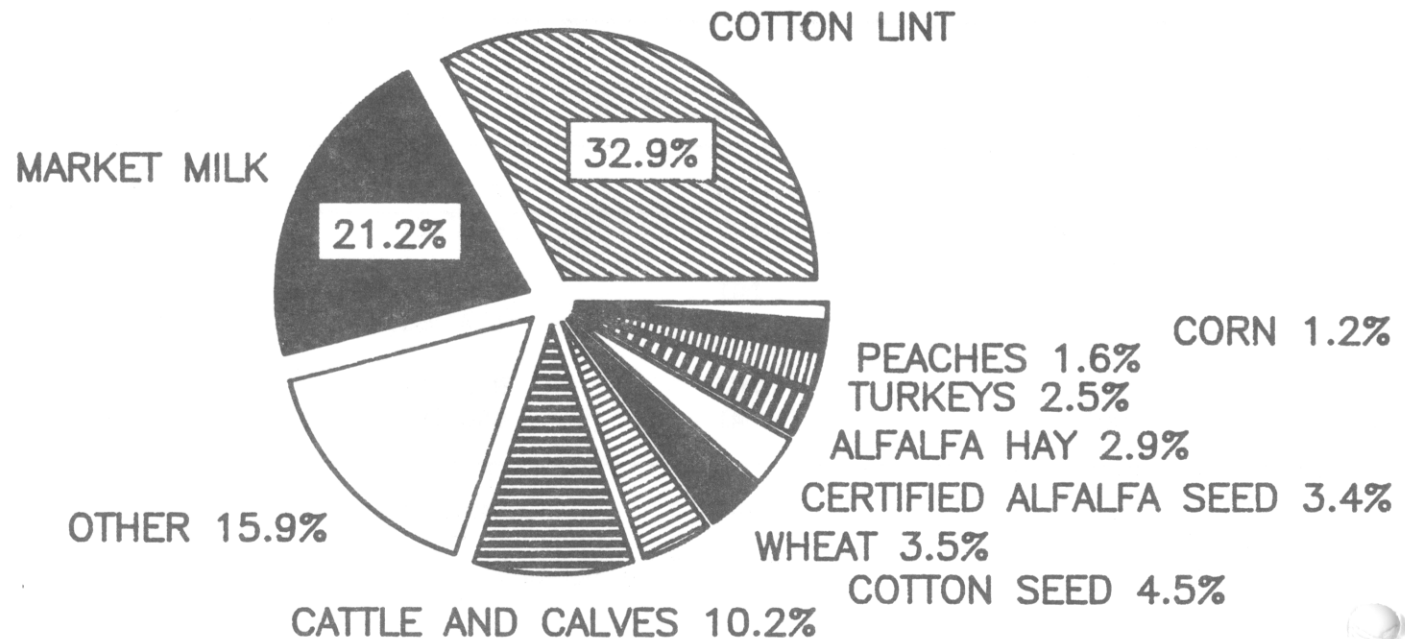
5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

M. HUGH HANDLEY  
 AGRICULTURAL COMMISSIONER-SEALER

	1980	1981	1982	1983	1984
Field Crops	\$ 378,527,295	\$341,677,342	\$ 314,372,000	\$ 228,929,000	\$ 277,163,000
Acreage	808,836	888.075	793,025	603,000	700,927
Fruit and Nut Crops	42,738,819 **	34,396,194	43,045,000	41,719,000**	48,366,000
Acreage	20,664	19,562	19,641	31,981**	22,499
Livestock and Poultry	70,917,370	63,191,475**	64,295,000	62,153,000	75,673,000
Products	98,802,450	103,482,220**	110,033,000**	112,268,000	121,368,000
Seed Crops	21,865,195 **	32,423,350	35,388,000	18,095,000	26,103,000
Acreage	31,990 **	42,901	52,228	25,994	33,832
Vegetable Crops	18,703,410	18,769,000	17,022,000	24,074,000	15,327,000
Acreage	8,186	7,268	9,005	10,061	8,098
Apiary Products	2,877,855	4,257,112	6,167,000	4,572,000	5,716,000
<b>TOTALS</b>	<b>\$ 635,233,678</b>	<b>\$598,200,789</b>	<b>\$ 590,420,000**</b>	<b>\$ 491,860,000**</b>	<b>\$ 569,716,000</b>

\*\*Revised

TOP TEN CROPS OF KINGS COUNTY FOR 1984



MILLION DOLLAR CROPS - 1984

Cotton Lint	\$ 187,639,000	Honey	\$ 3,601,000
Market Milk	120,846,000	Nectarines	3,531,000
Cattle and Calves	58,386,000	Processed Tomatoes	3,283,000
Cotton Seed	25,800,000	Corn Silage	3,144,000
Wheat	20,069,000	Lettuce	3,070,000
Certified Alfalfa Seed	19,479,000	Plums	2,846,000
Alfalfa Hay	16,561,000	Olives	2,480,000
Turkeys	14,111,000	Kiwi	2,205,000
Peaches	9,331,000	Cantaloupe	2,114,000
Corn	7,075,000	Pollination	2,000,000
Pistachios	7,073,000	Fresh Tomatoes	1,761,000
Grapes	6,651,000	Uncertified Alfalfa Seed	1,670,000
Walnuts	6,220,000	Sheep and Lambs	1,439,000
Almonds	6,188,000	Irrigated Pasture	1,404,000
Safflower	5,592,000	Sugar Beets	1,272,000
Barley	4,171,000	Processed Onion	1,213,000
Certified Wheat Seed	3,697,000	Dried Beans	1,143,000

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	0.00	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	0.0	.04	.57	.06	.22	3.53	3.61	.99	.18	0.00	9.32
1940-41	0.00	0.00	0.00	0.00	.85	0.00	3.65	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	1.61	.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	1.61	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	.5	.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	.50	.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	.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	2.4	.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	.05	.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	0.00	7.03
1979-80	0.00	.04	0.00	.08	.41	.62	.41	2.90	2.71	1.28	.05	.04	8.54
1980-81	0.00	0.00	0.00	0.00	.09	.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	.00	.64	1.03	2.15	.71	3.74	2.59	3.39	1.63	.04	16.55
1983-84	0.00	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						
								49 Year Total Rainfall					
								Average Rainfall					

## General Kings County Information

County Seat	Hanford
County Population (1981)	74,200
Population per Square Mile	52.9
Total Assessed Value	\$1,748,615,339
Land Area (Square Miles)	1,396
Total Acres	893,280
Number of Farms (1982)	1187
Land in Farms (Acres - 1982)	808,084
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	3,452 (.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 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