



AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA, 1980



KINGS COUNTY
DEPARTMENT OF AGRICULTURE

** PERSONNEL **

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

Lewis H. Brautigam Odis A. Nicholson Leland P. Tos

AGRICULTURAL AND STANDARDS INSPECTORS

Edwin L. Rush	Mel Gifford	Bernard Costa
Jerry Dunnicliff	Lloyd Bookout	Stephanie Colvin
Jim Dodd	Michael Leoni	Steve Reymann
Robert Umino	Diane Reeves	Dennis Bray

CLERICAL

Trudy Billman Linda Rocha Diane O'Daniel

X X

CROP REPORT COVER: "Using Cotton Gin Trash for Energy"

It takes about 400,000 BTU's of heat to dry a bale of cotton, or 12 million BTU's per hour for a gin operating at 30 bales per hour. The shortage and higher costs of fossil fuels have caused cotton gins to recognize the value of gin trash as a renewable energy source. This Kings County cotton gin utilizes gin trash in their operation, thus saving costs of valuable fuel and trash disposal.



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, 1981

Mr. Richard E. Rominger, Director
California Department of Food and
Agriculture
and
The Honorable Board of Supervisors
County of Kings

Gentlemen:

I am pleased to submit this 1980 Agricultural Crop Report, which has been 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 1980 was \$635,233,678., a 18% increase over 1979.

Cotton continued to lead all crop production with a gross income of over \$293,850,000.

Rice acreage increased substantially. Safflower acreage reflected a decrease. Sugar beet prices reflected an increase in value, as did market milk, and vegetable crops.

Livestock production in general, however, decreased during 1980.

It must be emphasized that these figures are gross returns and do not indicate net income, or profit.

A thanks is conveyed to the many individuals who provided information for this report and to my staff particularly Lewis H. Brautigam and Diane Reeves who compiled that information.

Respectfully submitted,

M. Hugh Handley
Agricultural Commissioner-
Sealer of Weights and Measures

MHH:lr

ANNUAL CROP REPORT
FOR YEAR 1981

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
EVON G. CODY DISTRICT III
DOYLE DAVIS DISTRICT IV
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

FIELD CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL			PER UNIT	TOTAL
Barley	1980	86,817	1.68	145,850	Ton	\$ 130.00	\$ 18,960,500.	
	1979	89,000	1.85	165,000	Ton	110.00	18,112,000.	
Corn	1980	10,100	3.41	34,440	Ton	139.00	4,787,160.	
	1979	10,460	3.30	34,520	Ton	119.00	4,108,000.	
Cotton Lint	1980	285,965	1.99	569,070	480-lb. Bale	397.00	255,920,790.	
	1979	287,500	1.90	546,000	480-lb. Bale	322.00	175,893,000.	
Cotton Seed	1980			247,261	Ton	150.00	37,089,150.	
	1979			230,000	Ton	122.00	28,096,000.	
Cotton Planting Seed	1980			4,945	Ton	170.00	840,650.	
	1979			4,595	Ton	154.00	707,630.**	
Hay Alfalfa	1980	44,440	6.34	281,750	Ton	89.00	25,075,750.	
	1979	45,000	7.50	338,000	Ton	84.50	28,519,000.	
Grain	1980	1,700	2.13	3,621	Ton	45.00	162,950.	
	1979	3,000	4.00	12,000	Ton	60.00	720,000.	
Pasture Irrigated	1980	10,000			Acre	115.00	1,150,000.	
	1979	9,800			Acre	110.00	1,078,000.	
Range	1980	219,000			Acre	2.00	438,000.	
	1979	220,000			Acre	2.00	440,000.	
Other	1980	46,000			Acre	18.00	828,000.	
	1979	45,000			Acre	17.00	765,000.	
Rice	1980	3,634	2.66	9,666	Ton	230.00	2,223,180.	
	1979	776	1.50	1,165	Ton	220.00	256,000.	

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 280 CAMPUS DRIVE
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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	TOTAL
Safflower	1980	31,750	.98	31,115	Ton	\$ 280.00	\$ 8,712,200.	
	1979	38,800	.96	37,250	Ton	\$ 252.00	9,386,000.	
Screenings	1980			3,950	Ton	66.00	260,700.	
	1979			5,250	Ton	38.50	202,000.	
Silage Corn	1980	10,100	19.45	196,445	Ton	15.00	2,946,675.	
	1979	9,900	19.75	196,000	Ton	15.00	2,933,000.	
Other	1980	4,040	8.8	35,552	Ton	15.00	533,280.	
	1979	3,600	13.75	49,500	Ton	12.00	594,000.	
Sorghum Grain	1980	6,060	1.96	11,878	Ton	131.00	1,556,020.	
	1979	6,600	1.75	11,550	Ton	105.00	1,213,000.	
Soybeans	1980	0	0	0	Ton	0	0.	
	1979	750	1.10	825	Ton	300.00	248,000.	
Straw	1980			10,275	Ton	36.00	369,900.	
	1979			10,600	Ton	28.00	297,000.	
Sugar Beets	1980	1,118	26.24	29,336	Ton	44.25	1,298,120.	
	1979	1,398	25.70	35,860	Ton	23.00	825,000.	
Wheat	1980	47,040	2.36	111,014	Ton	132.00	14,653,850.	
	1979	43,317	2.59	112,200	Ton	129.00	14,473,000.	
Miscellaneous <u>a/</u>	1980	1,072					720,420.	
	1979	1,110					146,000.	
TOTAL	1980	808,836					\$378,527,295.	
	1979	816,011					289 ,011,630.**	

a/ Blackeye Peas, Sunflowers, Potatoes

KINGS COUNTY
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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	1980	Dried	4,847	41	.524	2,540	\$ 3,033.00	\$ 7,703,820.
	1979	Dried	5,082	132	.37	1,880	3,020.00	5,677,600.
Apricots	1980	Fresh				181	634.00	114,754.
		Processed				239	280.00	66,920.
		Total	91	102	4.61	420		181,674.
	1979	Fresh				210	583.00	122,430.
Processed					278	253.00	70,330.	
Total		94	104	5.19	488		192,760.	
Grapes Raisin Varieties	1980	Fresh				959	571.00	547,589.
		Dried	(4 to 1 dry away = 864)			3,454	1,162.00	1,003,968.
		Crushed				14,775	145.00	2,142,375.
		Total	2,239	65	8.57	19,188		3,693,932.
	1979	Fresh				1,032	555.00	572,760.
		Dried	(4 to 1 dry away = 850)			3,400	1,100.00	935,000.
		Crushed				14,647	200.00	2,929,350.
		Total	2,156			19,079		4,437,110.
Wine Varieties	1980	Crushed	1,122	37	7.9	8,864	210.00	1,861,440.
	1979	Crushed	1,113	69	8.85	9,850	165.00	1,625,250.
Table Varieties	1980	Fresh	50	16	6.45	323	775.00	250,325.
	1979	Fresh	50	16	6.00	300	300.00	90,000.
Total - All Grapes	1980		3,411	114				5,805,697.
	1979		3,319	85				6,152,360.
Nectarines	1980	Fresh	463	290	10.21	4,727	260.00	1,229,020.
	1979	Fresh	442	319	13.97	6,175	283.00	1,747,525.
Olives	1980		1,162	5	1.92	2,231	450.00	1,003,950.
	1979		1,241	5	1.47	1,824	398.00	725,950.

CROP	YEAR	UTILIZATION	ACREAGE		PRODUCTION		VALUE	
			BEARING	NON BEARING	PER ACRE	TOTAL TONS	PER TON	TOTAL
Peaches								
Clingstone	1980	Processed	1,149	137	18.39	21,130	\$ 160.00	\$ 3,380,800.
	1979	Processed	1,142	144	16.40	18,729	153.00	2,865,540.
Freestone	1980	Fresh				7,481	497.00	3,718,057.
		Processed				650	119.00	77,350.
		Total	847	450	9.60	8,131		3,795,407.
	1979	Fresh				10,161	356.00	3,616,960.
		Processed				902	117.00	105,530.
		Total	871	456	12.70	11,062		3,722,490.
Total - All Peaches	1980		1,996	587		29,261		7,176,207.
	1979		2,013	600		29,791		6,588,030.
Pistachios	1980		2,792	89	.605	1,689	4,000.00	6,756,000.
	1979		2,707	177	1.08	2,924	3,300.00	9,649,200.
Plums	1980	Fresh	1,116	403	5.01	5,591	705.00	3,941,655.
	1979	Fresh	771	440	6.90	5,320	405.00	2,154,600.
Walnuts	1980	Dried	4,485	375	1.29	5,786	897.00	5,190,040.
	1979	Dried	4,243	761	1.19	5,049	800.00	4,039,200.
Miscellaneous <u>a/</u>	1980		306	164		836		630,370.
	1979		418			1,465		587,915.
TOTAL	1980		20,669	2,170				\$ 39,618,433.
	1979		20,330**	3,308				37,515,140.**

a/ Figs, Kiwi, Pecans, Pomegranates, Prunes.

**Revised

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

LIVESTOCK AND POULTRY

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVEWEIGHT		PER UNIT	TOTAL
Cattle & Calves	1980	130,800	770,455	Cwt.	\$ 69.00	\$ 53,161,395.
	1979	134,000	1,009,020	Cwt.	56.20	56,707,000.
Sheep & Lambs	1980	30,042	30,943	Cwt.	63.00	1,949,410.
	1979	31,000	34,720	Cwt.	67.00	2,326,000.
Hogs & Pigs	1980	1,192	262,240	lb.	.409	107,255.
	1979	19,327	3,790,000	lb.	.459	1,740,000.
Fryers	1980	366,000	1,647,000	lb.	.317	522,100.
	1979	865,000	4,065,500	lb.	.285	1,159,000.
Other Chickens	1980	95,050	380,200	lb.	.089	33,840.
	1979	41,000	176,300	lb.	.075	13,225.
Turkeys	1980	1,761,000	35,483,784	lb.	.409	14,512,870.
	1979	1,670,000	29,792,800	lb.	.425	12,662,000.
Fish - Catfish	1980	232,000	348,000	lb.	1.50	522,000.
	1979	220,000	338,000	lb.	1.50	495,000.
Miscellaneous <u>a/</u>	1980	31,000				108,500.
	1979	82,000				181,000.
TOTAL	1980					\$ 70,917,370.
	1979					75,283,225.

a/ Geese

**Revised

KINGS COUNTY
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LIVESTOCK AND POULTRY PRODUCTS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE	TOTAL
Milk Market	1980	7,889,000	Cwt.	\$ 12.39		\$ 97,745,000.
	1979	7,847,000	Cwt.	11.14		87,416,000.
Manufacturing	1980	31,500	Cwt.	11.96		377,000.
	1979	47,000	Cwt.	10.60		498,000.
Wool	1980	272,187	lb.	.88		239,525.
	1979	309,528	lb.	.80		247,500.
Eggs, Chicken - Market	1980	711,167	Doz.	.62		440,925.
	1979	1,368,750	Doz.	.495		678,000.
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TOTAL	1980					\$ 98,802,450.
	1979					88,839,600.

INVENTORIES OF LIVESTOCK & POULTRY
 (In Number of Head)

ITEM	January 1, 1980	January 1, 1981
Milk Cows 2 Years and Over	56,000	65,565
Cattle and Calves in Feed Lots	5,500	7,646
Other Cattle and Calves	41,000	63,161
Total	<u>102,500</u>	<u>136,372</u>
Sheep and Lambs	31,000	31,741
Hogs and Pigs	14,400	470
Hens and Pullets of Laying Age	47,500	168,975

KINGS COUNTY
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280 CAMPUS DRIVE
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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	1980	18,610	594	11,054,340	lb.	\$ 1.30	\$ 14,370,640.	
	1979	17,763	600	10,657,800	lb.	1.26	13,428,830.	
Barley	1980	4,027	3,500	14,094,500	lb.	.105	1,479,925.	
	1979	3,207	3,550	11,384,850	lb.	.095	1,081,560.	
Safflower	1980	0	0	0		0	0.	
	1979	173	2,800	484,400	lb.	.175	84,770.	
Wheat	1980	6,902	5,300	36,580,600	lb.	.120	4,389,670.	
	1979	7,959	5,500	43,774,500	lb.	.110	4,815,200.	
Uncertified Seed								
Alfalfa	1980	2,047	594	1,215,918	lb.	1.27	1,544,215.	
	1979	1,948	592	1,150,260	lb.	1.20	1,380,310.	
Barley	1980	3,745	3,500	13,107,500	lb.	.103	1,350,075.	
	1979	2,986	3,600	10,749,600	lb.	.090	967,460.	
Safflower	1980	635	2,500	1,587,500	lb.	.175	277,815.	
	1979	800	2,600	2,080,000	lb.	.170	353,600.	
Wheat	1980	1,933	5,300	10,244,900	lb.	.120	1,229,390.	
	1979	2,223	5,200	11,559,600	lb.	.100	1,155,960.	
Lettuce	1980	1,103	470	518,410	lb.	1.80	933,140.	
Miscellaneous <u>a/</u>	1980	404					80,745.	
	1979	482		252,505			2,472,570.	
TOTAL								
	1980	39,406					\$ 25,655,615.	
	1979	37,541					25,740,260.	

a/ Flower, Cotton, Blackeye Peas, Watermelon

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	1980	Fresh	1,661	230	382,030	70 lb. Crate	\$ 8.82	\$	3,369,505.
	1979	Fresh	1,564	220	344,000	70 lb. Crate	6.50		2,846,000.
Lettuce	1980	Fresh	3,500	674	2,359,000	43 lb. Carton	3.57		8,421,630.
	1979	Fresh	3,195	650	2,077,000	43 lb. Carton	3.38		7,019,000.
Onions	1980	Fresh	515	15.25	7,854	Ton	59.00		463,385.
	1979	Fresh	1,727	19.0	32,800	Ton	62.00		2,034,000.
Tomatoes	1980	Fresh	326	11.8	3,847	Ton	446		1,715,762.
		Processed	839	26.6	22,317	Ton	47.70		1,064,521.
		Total	1,165		26,164				2,780,285.
	1979	Fresh	520	12.00	6,200	Ton	408.00		2,546,000.
		Processed	1,359	25.57	34,800	Ton	56.70		1,970,000.
		Total	1,879		41,000				4,516,000.
Watermelons	1980	Fresh	180	14	2,520	Ton	164		413,280.
	1979	Fresh	150	24	3,600	Ton	95		342,000.
Miscellaneous <u>a/</u>	1980		1,165						3,255,326.
	1979		1,218						1,709,000.
TOTAL	1980		8,186					\$	18,703,410.
	1979		9,733						18,466,000.**

a/ Includes Cauliflower, Broccoli, Carrots, Peppers, Cabbage, Chinese Cabbage, Brussel Sprouts, Stringbeans, Cucumbers, Squash, Garlic

NURSERY PRODUCTS

ITEM	YEAR	QUANTITY SOLD	UNIT	VALUE	
				PER UNIT	TOTAL
Nursery Stock <u>a/</u>	1980	35,000	Plant	\$ 3.75	\$ 131,250
	1979	35,000	Plant	3.40	119,000

a/ Includes Deciduous Trees, Vines, Ornamentals, and Shrubs.

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 280 CAMPUS DRIVE
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APIARY PRODUCTS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Honey	1980	3,439,391	lb.	.50	\$ 1,719,695.
	1979	2,346,000	lb.	.48	1,126,000.
Beeswax	1980	62,000	lb.	1.68	104,160.
	1979	27,000	lb.	1.75	47,000.
Pollination	1980	62,000	Col.	17.00	1,054,000.
	1979	69,000	Col.	14.50	1,001,000.
TOTAL	1980				\$ 2,877,855.
	1979				2,174,000.

1980 CROP SUMMARY

Field Crops	\$ 378,527,295	Seed Crops	25,655,615
Fruit and Nut Crops	39,618,433	Vegetable Crops	18,703,410
Livestock and Poultry	70,917,370	Nursery Products	131,250
Livestock and Poultry Products	98,802,450	Apiary Products	2,877,855
GRAND TOTAL			\$ 635,233,678

5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	1976	1977	1978	1979	1980
Field Crops	\$ 249,846,100.	\$ 228,007,000.	\$ 167,082,000.	\$ 289,011,630.**	\$ 378,527,295.
Acreage	828,948	815,934	828,525	816,001	808,836
Fruit and Nut Crops	16,623,500.	22,087,195.**	26,847,180.	37,515,140.**	39,618,433.
Acreage	16,012**	19,150	19,508	20,330**	20,664
Livestock and Poultry	36,465,600.	35,358,900.	48,965,000.	75,283,225.**	70,917,370.
Livestock and Poultry Products	63,872,000.	69,095,500.	74,641,000.	88,839,600.	98,802,450.
Seed Crops	22,495,000.	22,721,500.	13,840,845.	25,740,260.	25,655,615.
Acreage	34,167	40,898	37,965	37,541	39,406
Vegetable Crops	12,425,000.	7,442,000.	9,852,000.	18,466,000.**	18,703,410.
Acreage	4,670	3,815	5,985	9,733	8,186
Nursery Products	49,700.	60,000.	114,000.	119,000.	131,250.
Apiary Products	1,225,000.	1,088,900.	1,844,000.	2,174,000.	2,877,855.
TOTALS	\$ 403,002,000.	\$ 385,860,895.	\$ 343,186,025.	\$ 537,148,855.**	\$ 635,233,678.

**Revised

MILLION DOLLAR CROPS - 1980

Cotton Lint	\$ 255,920,790	Plums	\$ 3,941,655
Milk, Market	97,745,000	Cantaloupes	3,369,505
Cattle and Calves	53,161,395	Corn Silage	2,946,675
Cotton Seed	37,089,150	Tomatoes	2,780,285
Alfalfa Hay	25,075,750	Rice	2,223,180
Barley	18,960,500	Sheep and Lambs	1,949,410
Wheat	14,653,850	Honey	1,719,695
Turkeys	14,512,870	Sorghum Grain	1,556,020
Certified Alfalfa Seed	14,370,640	Uncertified Alfalfa Seed	1,544,215
Safflower	8,712,200	Certified Barley Seed	1,479,925
Lettuce	8,421,630	Uncertified Barley Seed	1,350,075
Almonds	7,703,820	Sugar Beets	1,298,120
Peaches	7,176,207	Uncertified Wheat Seed	1,229,388
Pistachios	6,756,000	Nectarines	1,229,020
Grapes	5,805,697	Irrigated Pasture	1,150,000
Walnuts	5,190,040	Pollination	1,054,000
Corn	4,787,160	Olives	1,003,950
Certified Wheat Seed	4,389,670		