



AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA 1992

KINGS COUNTY
AGRICULTURAL COMMISSIONER/SEALER

**** PERSONNEL ****

AGRICULTURAL COMMISSIONER/SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

Leland P. Tos Dennis F. Bray Susan Johnson

AGRICULTURAL AND STANDARDS INSPECTORS

Bernard Costa	Kaaren Anderson	Buzz Felleke
Lloyd Bookout	Stephanie Colvin	Steven Schweizer
Alfredo Prieto	Jim Dodd	Stephanie LeBarron
Michael Leoni	Tim Niswander	Leonard Herrera
Mark Bevens	Vince Evans	Lynda Schrupf
Robert Torrez	Timmie Bressler	

CLERICAL

Diane O'Daniel	Arlene Elsome	Juanita Rodriguez
Catherine Asby	Linda Green	Sally Navarro

**"Cover photo compliments of
Pioneer Hi-Bred International, Inc."**

COUNTY OF KINGS



AGRICULTURAL COMMISSIONER SEALER OF WEIGHTS AND MEASURES

M. Hugh Handley
Agricultural Commissioner
Sealer Of Weights And Measures

680 N. Campus Drive
April 1, 1993

Hanford, California 93230

(209) 582-3211 Ext. 2830

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

Gentlemen:

It is my pleasure to submit the 1992 Agricultural Crop Report, which includes the production and value of agricultural commodities for 1992 in Kings County. This report is compiled in accordance with Section 2279 of The California Food and Agricultural Code.

The gross value of all agricultural commodities for 1992 was \$775,857,000., an increase of \$37,541,000. (+5.08%) from last year's (1991) value.

The increased values were reflected in only three (3) crop categories; field crops (+14.1%), livestock and poultry products (+11.8%), and apiary products (+7.5%). Other crop categories reflected decreased values and include fruit and nut crops (-8.17%), livestock and poultry (-11.05%), seed crops (-15.75%) and vegetable crops (-8.74%).

Cotton, Kings County's leading crop continued to lead all others with a value of \$293,565,000, including lint and seed. All figures in this report are gross values and do not reflect net profit received by growers.

This report would not have been possible to compile without the input received from many individuals who contributed their time and information. I wish to extend a special thank you to Buzz Felleke of my staff who compiled the report.

Respectfully Submitted,

M. Hugh Handley
Agricultural Commissioner
Sealer of Weights and Measures

ALFALFA

Alfalfa, Medicago sativa is an herbaceous perennial legume which originated in Southwest Asia. Related species of alfalfa are found as wild plants scattered over central Asia and Siberia. It is believed that alfalfa was first cultivated in Iran. Alfalfa seed was taken by the early Spanish explorers to Central and South America and in 1736 it was reported that the first attempts to grow alfalfa in the United States were in Georgia. During the gold rush days, the gold seekers from Chile brought alfalfa to California and it spread rapidly to Utah, Kansas and later to the eastern states.

Alfalfa has remarkable adaptability to various climate and soil conditions. The alfalfa plant makes its best growth in relatively dry climates where water is available for irrigation. It will withstand long periods of drought due to a very deep root system, but production is limited under such conditions. Alfalfa is now grown successfully not only in the central and eastern United States, but also in the South. Alfalfa tolerates extreme heat and cold. The yellow-flowered alfalfa, faliata L, has survived temperatures below -27°C in Alaska and nonhardy types are grown in Death Valley, California. Alfalfa is best adapted to loam soils and porous subsoil. Alfalfa has spread to the more humid eastern United States in recent years with the increased knowledge of the requirements for lime, for inoculation with nitrogen-fixing bacteria, for certain plant nutrients and also for the breeding of hardy and disease-resistant varieties.

Alfalfa is one of the most important forage crops in the United States and sometimes is called the "Queen of the Forages". It has the highest feeding value because it produces more protein per acre than other crops for livestock. Alfalfa is high in mineral content, contains at least 10 different vitamins and is considered an important source of vitamin A. Alfalfa is widely used as a pasture for cattle and sheep. Over 90% of the alfalfa meal is pelleted, which is easy to store and easy to handle mechanically.

Alfalfa production has remained consistent in Kings County even in years of low hay prices. Because of the significance of the dairy industry, alfalfa will continue to be an important forage crop for Kings County producers.

ANNUAL CROP REPORT FOR YEAR 1992

KINGS COUNTY DEPARTMENT OF AGRICULTURE
COMMISSIONER/SEALER

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

KINGS COUNTY
BOARD OF SUPERVISORS

JAMES M. EDWARDS	DISTRICT I
JOE HAMMOND	DISTRICT II
JOE BEZERRA	DISTRICT III
NICK KINNEY	DISTRICT IV
ABEL J. MEIRELLES	DISTRICT V

COUNTY ADMINISTRATIVE OFFICE
MILTON D. McCOY

TABLE OF CONTENTS

	PAGE
FIELD CROPS	1
SEED CROPS	2
FRUIT AND NUT CROPS	3
VEGETABLE CROPS	6
INVENTORIES OF LIVESTOCK AND POULTRY	7
LIVESTOCK AND POULTRY	7
LIVESTOCK AND POULTRY PRODUCTS	8
1992 CROP VALUE	8
APIARY PRODUCTS	9
ALFALFA HAY PRODUCTION	9
5 YEAR COMPARISON OF ACREAGE & CROP VALUE	10
COMPARISON OF CROP VALUES FOR 1991 & 1992	10
KINGS COUNTY TEN LEADING CROPS	11
SUSTAINABLE AGRICULTURAL REPORTING	12
GENERAL INFORMATION	13
RAINFALL DATA	BACK COVER

FIELD CROPS

CROP	YEAR	HARVESTED PRODUCTION		TOTAL	UNIT	VALUE	
		ACREAGE	PER ACRE			PER UNIT	TOTAL
Barley	1992	17,548	2.12	37,202	Ton	120.00	4,464,000
	1991	26,701	2.15	57,407	Ton	106.00	6,085,000
Beans Dry a/	1992	2,500	1.19	2,975	Ton	519.00	1,544,000
	1991	2,640	0.89	2,350	Ton	532.00	1,250,000
Corn Silage	1992	21,962	22.93	503,589	Ton	16.25	8,183,000
	1991	19,074	22.55	430,119	Ton	16.00	6,882,000
Cotton							
Acala-Lint b/	1992	234,065	2.94	688,151	495 lb	331.00	227,778,000
	1991	218,335	2.39	521,821	495 lb	378.00	197,248,000
Acala-Seed	1992			284,219	Ton	142.00	40,359,000
	1991			214,968	Ton	140.00	30,096,000
Cotton	1992	20,740	2.69	55,791	495 lb.	401.00	22,372,000
Pima-Lint b/	1991	15,490	2.03	31,445	495 lb.	500.00	15,722,000
Pima-Seed	1992			22,989	Ton	133.00	3,056,000
	1991			12,969	Ton	130.00	1,686,000
Hay							
Alfalfa	1992	32,138	7.49	240,714	Ton	70.73	17,026,000
	1991	39,982	7.53	301,064	Ton	83.00	24,988,000
Other c/	1992	1,200	2.82	3,384	Ton	50.00	169,000
	1991	1,100	3.75	4,125	Ton	57.00	235,000
Pasture							
Irrigated	1992	10,000			Acre	105.00	1,050,000
	1991	11,000			Acre	107.00	1,177,000
Range	1992	90,000			Acre	2.00	180,000
	1991	100,000			Acre	2.00	200,000
Alfalfa	1992	42,000			Acre	21.00	882,000
Stubble	1991	47,000			Acre	20.00	940,000
Safflower	1992	32,000	1.24	39,680	Ton	312.00	12,380,000
	1991	34,734	1.20	41,681	Ton	249.00	10,379,000
Sugar Beets	1992	4,457	13.00	57,941	Ton	38.00	2,202,000
	1991	5,488	20.61	113,108	Ton	35.00	3,959,000

FIELD CROPS

CROP	YEAR	HARVESTED PRODUCTION		UNIT	VALUE		
		ACREAGE	PER ACRE		PER ACRE	TOTAL	PER UNIT
Wheat	1992	32,000	3.01	96,320	Ton	103.00	9,921,000
	1991	27,323	2.57	70,220	Ton	102.00	7,162,000
Other d/	1992	14,000					4,844,000
	1991	12,664					4,368,000
TOTAL	1992	554,610					356,410,000
	1991	561,531					312,378,000

a/ Blackeye beans and other dry beans.

b/ 495 lb. 1 bale.

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

d/ Includes corn grain, oat silage, millet, screening, straw, sudangrass wheat silage, and winter forage.

** Revised

SEED CROPS

CROP	YEAR	HARVESTED PRODUCTION		UNIT	VALUE		
		ACREAGE	PER ACRE		PER ACRE	TOTAL	PER UNIT
Alfalfa							
Certified	1992	10,963	703	7,706,989	lb.	1.32	10,173,000
	1991	16,568	768	12,724,224	lb.	1.40	17,814,000
Non-certified	1992	1,200	703	843,600	lb.	1.15	970,000
	1991	1,300	712	925,600	lb.	1.06	981,000
Total	1992	12,163		8,550,589	lb.		11,143,000
	1991	17,868		13,649,824	lb.		18,795,000
Barley, Certified	1992	1,800	4,000	7,200,000	lb.	0.05	360,000
	1991	2,014	5,240	10,553,360	lb.	0.05	528,000
Cotton, Certified a/	1992	5,056		4,918	Ton	194.00	954,000
	1991	4,594		3,715	Ton	209.00	776,000

SEED CROPS

CROP	YEAR	HARVESTED PRODUCTION		VALUE			
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Wheat, Certified	1992	12,300	6,080	74,784,000	lb.	0.10	7,478,000
	1991	12,908	6,120	78,996,960	lb.	0.05	3,950,000
Vegetable b/	1992	261					657,000
	1991	304					570,000
Other c/	1992	690					3,251,000
	1991	915					3,681,000
TOTAL	1992	32,270					23,843,000
	1991	38,603					28,300,000

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

b/ Cauliflower, chinese cabbage, lettuce, onion, turnip, and watermelon.

c/ Garbanzo beans, flowers, oats, and turf.

FRUIT AND NUT CROPS

CROP	YEAR	BEARING PRODUCTION		VALUE			
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Almonds	1992	1,908	0.66	1,259	Ton	2,321.00	2,923,000
	1991	1,900	0.63	1,197	Ton	2,252.00	2,696,000
Almond Hulls	1992			1,230	Ton	57.00	70,000
	1991			1,071	Ton	68.00	73,000
Apples Fresh	1992			1,782	Ton	973.00	1,734,000
	1991			1,579	Ton	741.00	1,170,000
Processed	1992			1,743	Ton	102.00	178,000
	1991			1,364	Ton	124.00	169,000
Apples Total	1992	327	10.78	3,525	Ton		1,912,000
	1991	327	9.00	2,943	Ton		1,339,000

FRUIT AND NUT CROPS

CROP	YEAR	BEARING PRODUCTION		UNIT	VALUE		
		ACREAGE	PER ACRE		PER UNIT	TOTAL	
Apricots							
Fresh	1992			921	Ton	982.00	904,000
	1991			1,094	Ton	1,147.00	1,255,000
Processed	1992			307	Ton	210.00	64,000
	1991			274	Ton	165.00	45,000
Apricots Total	1992	262	4.69	1,228	Ton		968,000
	1991	262	5.22	1,368	Ton		1,300,000
Firewood a/							
	1992			490	Cord	100.00	49,000
	1991			630	Cord	100.00	63,000
Grapes							
Raisin Varieties							
Fresh	1992			1,504	Ton	680.00	1,023,000
Dried				1,226	Ton	890.00	1,091,000
Crushed				8,458	Ton	176.00	1,489,000
Canned				240	Ton	230.00	55,000
Total		1,959					3,658,000
Grapes							
Raisin Varieties							
Fresh	1991			2,950	Ton	760.00	2,242,000
Dried				1,920	Ton	975.00	1,872,000
Crushed				8,757	Ton	148.00	1,296,000
Canned				980	Ton	220.00	215,000
Total		2,800		14,607			5,625,000
Table Varieties							
	1992	628	9.69	6,085	Ton	760.00	4,625,000
	1991	531	8.01	4,253	Ton	833.00	3,543,000
Wine Varieties							
	1992	1,288	8.69	11,193	Ton	205.00	2,295,000
	1991	1,111	9.11	10,121	Ton	147.00	1,488,000
Grapes Total	1992	3,875					10,578,000
	1991	4,442					10,657,000 **
Kiwifruit							
	1992	244	3.80	927	Ton	1,428.00	1,324,000
	1991	315	3.09	973	Ton	1,571.00	1,529,000
Nectarines							
	1992	1,996	7.68	15,329	Ton	689.00	10,562,000
	1991	1,990	7.42	14,766	Ton	755.00	11,148,000

FRUIT AND NUT CROPS

CROP	YEAR	BEARING PRODUCTION			UNIT	VALUE	
		ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
Olives	1992	526	3.06	1,610	Ton	601.00	967,000
	1991	427	2.60	1,110	Ton	606.00	673,000
Peaches							
Clingstone	1992	1,290	17.43	22,485	Ton	213.00	4,789,000
	1991	1,298	15.70	20,379	Ton	219.00	4,463,000
Freestone	1992	2,690	8.65	23,269	Ton	462.00	10,750,000
	1991	2,659	10.72	28,504	Ton	546.00	15,563,000
Peaches Total	1992	3,980					15,539,000
	1991	3,957					20,026,000
Pistachios	1992	5,597	0.72	4,030	Ton	3,035.00	12,231,000
	1991	5,682	0.81	4,602	Ton	2,670.00	12,288,000
Plums	1992	1,910	6.04	11,536	Ton	341.00	3,934,000
	1991	1,990	5.21	10,368	Ton	668.00	6,926,000
Pomegranates	1992	340	2.40	816	Ton	1,324.00	1,080,000
	1991	349	2.50	873	Ton	1,312.00	1,145,000
Walnuts	1992	5,890	1.71	10,072	Ton	1,438.00	14,483,000
	1991	5,898	1.99	11,737	Ton	1,140.00	13,380,000
Other b/	1992	422					1,314,000
	1991	501					1,647,000
Other c/	1992						800,000
	1991						850,000
TOTAL	1992	27,277					78,734,000
	1991	28,040					85,739,000 **

a/ Includes all varieties.

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

c/ Black walnut stumps.

**Revised

VEGETABLE CROPS

CROP	YEAR	HARVESTED PRODUCTION		TOTAL	UNIT	VALUE	
		ACREAGE	PER ACRE			PER UNIT	TOTAL
Broccoli							
Fresh	1992			2,928	Ton	680.00	1,991,000
	1991			4,635	Ton	860.00	3,986,000
Processed	1992			320	Ton	360.00	115,000
	1991			360	Ton	380.00	137,000
Broccoli Total							
	1992	850	5.60				2,106,000
	1991	1,030	4.60				4,123,000
Cantaloupes							
	1992	1,727	12.60	21,760	Ton	203.00	4,417,000
	1991	2,551	11.60	29,592	Ton	188.00	5,563,000
Sweet Corn							
	1992	140	7.48	1,047	Ton	205.00	215,000
	1991	142	6.20	880	Ton	200.00	176,000
Tomatoes							
Fresh	1992	850	26.90	22,865	Ton	351.00	8,026,000
	1991	800	25.00	20,000	Ton	350.00	7,000,000
Processed	1992	3,370	30.00	101,100	Ton	56.00	5,662,000
	1991	7,500	28.40	213,000	Ton	54.00	11,502,000
Tomatoes Total							
	1992	5,020		123,965			13,688,000
	1991	8,300		233,000			18,502,000
Other a/							
	1992	2,219					9,013,000
	1991	2,430					5,506,000
TOTAL							
	1992	9,956					29,439,000
	1991	14,453					33,870,000 **

a/ Includes Asparagus, chinese cabbage, eggplant, misc. melons, processed carrots, processed garlic, snap beans, squash, watermelon.

** Revised

INVENTORIES OF LIVESTOCK AND POULTRY

ITEM	January 1, 1993 NUMBER OF HEAD	January 1, 1992 NUMBER OF HEAD
Cattle and Calves		
All	195,000	210,000
Dairy Cows 2 Years and Over	83,000	86,000
Cattle and Calves on Feed	3,000	3,500
Other	128,000	128,500
Sheep and Lambs	14,000	17,000
Goats	1,900	1,700
Hogs and Pigs	6,300	5,900
Turkeys	541,000	850,000

LIVESTOCK AND POULTRY

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NUMBER OF HEAD	TOTAL LIVEWEIGHT		PER UNIT	TOTAL
Breeding	1992					1,512,000
Stock a/	1991					1,344,000
Cattle and Calves	1992	158,668	966,288	Cwt.	67.15	64,886,000
	1991	140,843	857,734	Cwt.	70.38	60,367,000
Hogs and Pigs	1992	10,429	23,570	Cwt.	42.00	990,000
	1991	9,346	19,533	Cwt.	50.02	977,000
Sheep and Lambs	1992	12,729	14,384	Cwt.	74.00	1,064,000
	1991	12,812	14,478	Cwt.	59.00	854,000
Turkeys	1992	2,162,616	44,203,871	lb.	0.38	16,797,000
	1991	3,402,617	79,893,447	lb.	0.55	43,941,000
Other b/	1992					12,150,000
	1991					2,018,000
TOTAL	1992					97,399,000
	1991					109,501,000

a/ For All animals except horses.

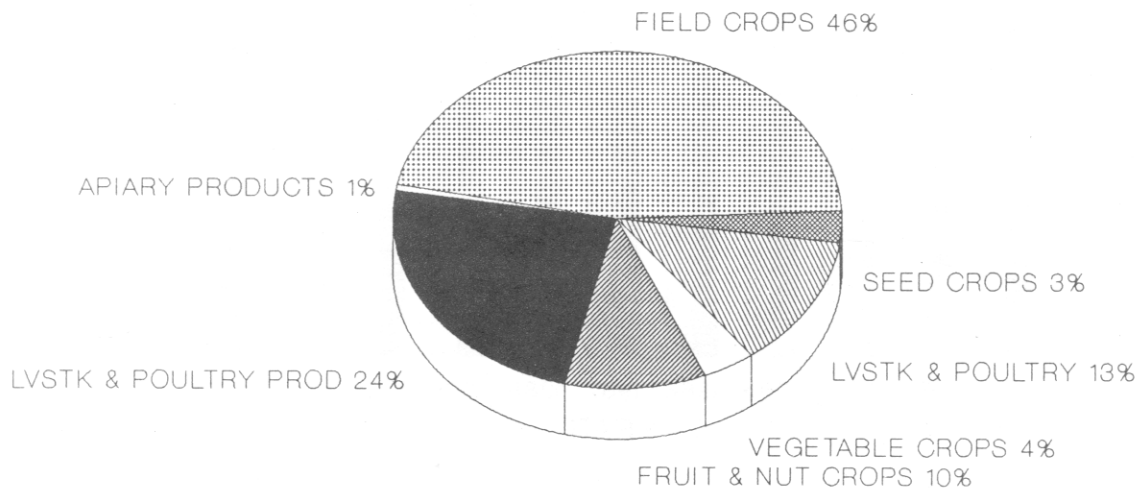
b/ Includes Catfish, chickens, and goats.

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
Eggs-Chicken Market	1992	2,690,760	Doz.	0.67	1,803,000
	1991	1,988,780	Doz.	0.80	1,591,000
Manure	1992	351,367	Ton	3.94	1,384,000
	1991	354,455	Ton	4.32	1,531,000
Milk					
Milk, Goats	1992	17,084	Cwt.	25.30	432,000
	1991	15,417	Cwt.	27.03	417,000
Market	1992	15,951,564	Cwt.	11.38	181,529,000
	1991	14,801,506	Cwt.	10.93	161,780,000
Manufacturing	1992	50,516	Cwt.	10.94	553,000
	1991	75,896	Cwt.	10.44	792,000
Milk Total	1992	16,019,164			182,514,000
	1991	14,892,819			162,989,000
Wool	1992	132,382	lb.	0.76	101,000 *
	1991	133,245	lb.	0.70	93,000 *
TOTAL	1992				185,802,000
	1991				166,204,000

* Not including wool incentive payment.

KINGS COUNTY 1992 TOTAL CROP VALUE

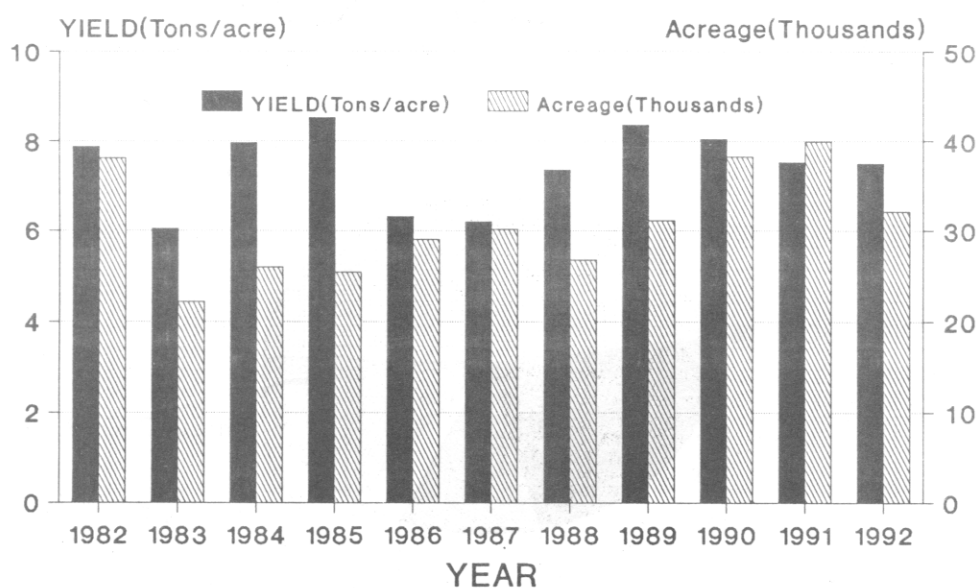


APIARY PRODUCTS

ITEM	YEAR	TOTAL PRODUCTION	UNIT	PER UNIT	TOTAL
Apiary Products					
Honey	1992	4,814,625	lb.	0.58	2,792,000
	1991	3,442,985	lb.	0.66	2,272,000
Beeswax	1992	80,244	lb.	1.05	84,000
	1991	57,383	lb.	1.00	57,000
Pollination					
Seed Alfalfa	1992	17,868	Colonies	20.00	1,072,000
	1991	60,633	Colonies	22.00	1,334,000
Tree Fruit a/	1992	8,000	Colonies	31.00	248,000
	1991	7,222	Colonies	30.00	217,000
Cantaloupe	1992	2,590	Colonies	13.00	34,000
	1991	3,827	Colonies	14.00	54,000
TOTAL	1992				4,230,000
	1991				3,934,000

a/ Almonds and plums.

ALFALFA HAY YIELD & HARVESTED ACRES

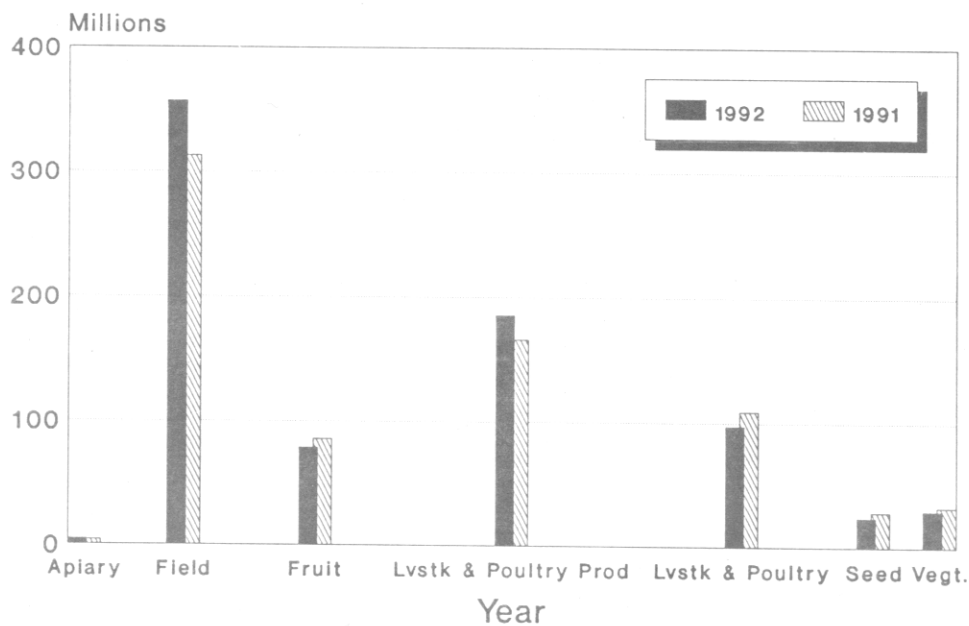


FIVE YEAR COMPARISON OF ACREAGE AND CROP VALUE

	1988	1989	1990	1991	1992
Apiary Products	2,991,000	2,168,000	2,757,000	3,934,000	4,230,000
Field Crops	290,385,000	351,926,000	366,480,000	312,378,000	356,410,000
Acreage	618,026	632,968	621,762	561,531	554,610
Fruit and Nut Crops	75,361,000	67,970,000	84,979,000	85,739,000	78,734,000
Acreage	23,555	23,555	25,990	28,040	27,277
Livestock and Poultry	79,913,000	98,050,000	103,374,000	109,501,000	97,399,000
Livestock and Poultry Products	131,004,000	161,825,000	172,625,000	166,204,000	185,802,000
Seed Crops	24,918,000	31,321,000	29,246,000	28,300,000	23,843,000
Acreage	32,396	39,862	50,476	38,603	32,270
Vegetable Crops	28,293,000	29,823,000	26,858,000	32,260,000	29,439,000
Acreage	7,986	7,986	10,251	14,453	9,956
TOTAL	\$ 632,865,000	\$ 743,083,000	\$ 786,319,000 *	\$ 738,316,000	\$ 775,857,000

* Revised

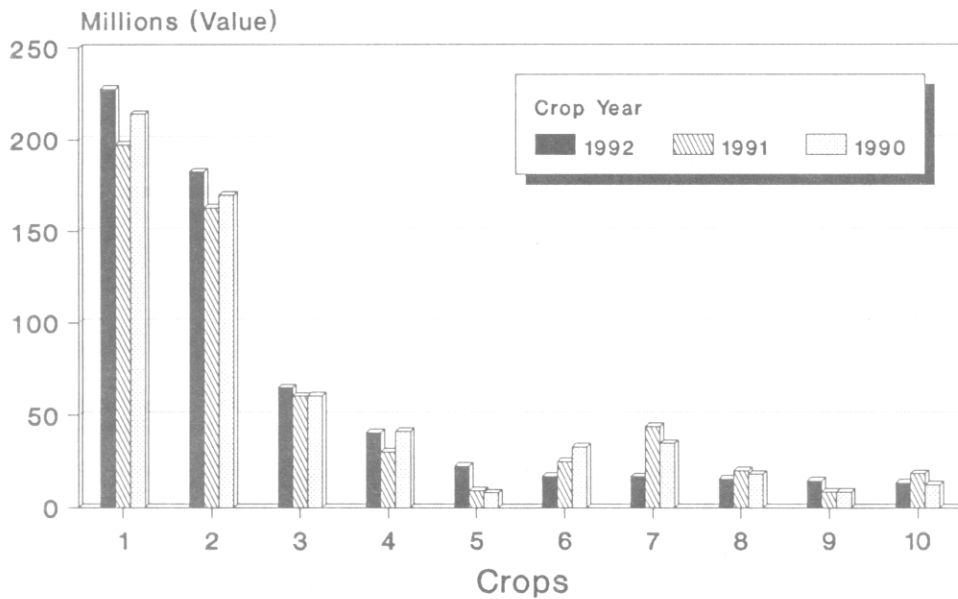
COMPARISON OF CROP VALUE FOR 1992 AND 1991



KINGS COUNTY TEN LEADING CROPS

CROP	1992 RANK	1992 DOLLAR VALUE	1991 RANK	1990 RANK	1989 RANK
Alcala Cotton Lint	1	227,778,000	1	1	1
Milk Total	2	182,514,000	2	2	2
Cattle and Calves	3	64,886,000	3	3	3
Acala Cotton Seed	4	40,359,000	5	4	4
Pima Cotton Lint	5	22,372,000	10	18	27
Hay Alfalfa	6	17,026,000	6	6	7
Turkey	7	16,797,000	4	8	5
Peaches Total	8	15,539,000	7	11	8
Walnut	9	14,483,000	12	10	16
Tomatoes Total	10	13,380,000	8	15	11

KINGS COUNTY'S 10 LEADING CROPS 1992-1990



KINGS COUNTY ANNUAL SUSTAINABLE AGRICULTURAL REPORTING

Pest	Agent/Mechanism	Scope of Program
COUNTY BIOLOGICAL CONTROL		
Puncture Vine <u>Tribulus terrestris</u>	Stem Mining Weevil <u>Microlarinus lypriformis</u>	Generally distributed
	Seed Head Weevil <u>Microlarinus lareynil</u>	Generally distributed
Yellow Starthistle <u>Centaurea solstitialis</u>	Seed Head Weevil <u>Bangasternus orientalis</u>	2 sites
Comstock Mealybug <u>Pseudococcus comstocki</u>	Parasitic Wasps <u>Pseudathycus malimus</u> <u>Allotropa burrelli</u> <u>Allotropa convexifrons</u>	2 sites
Codling Moth <u>Carpocapsa pomonella</u>	Parasitic Wasp <u>Ascogaster quadridentata</u>	1 site
Ash Whitefly <u>Siphoninus phillyreae</u>	Parasitic Wasp <u>Encarsia partenorea</u>	Generally distributed
COUNTY PEST ERADICATION		
Pink Bollworm <u>Pectinophora gossypiella</u>	Mechanical/Host Free Period	254,805 acres
COUNTY PEST EXCLUSION		
European Corn Borer <u>Ostrinia nubilalis</u>	Railroad Corn Shipments	1,010 inspections
Various	Truck Shipments	11,448 inspections
Gypsy Moth <u>Lymantria dispar</u>	Household Goods Shipments	89 inspections
COUNTY PEST DETECTION		
Various Insect Pests	Various Detection Insect Traps	1,154 traps
ORGANIC FARMING STATISTICS		
Crop	Number of Farms	Estimated Acres
Cantaloupes	1	10
Cotton	2	64
Misc. Vegetables	1	4
Walnut	1	20

GENERAL KINGS COUNTY INFORMATION

County Seat	Hanford
County Population (1993)	107,485
Population per Square Mile	66.0
Total Assessed Value (1990)	\$2,477,722,000
Land Area (Square Miles)	1,396
Total Acres	918,790
Land in Farms (Acres - 1988)	808,000
Foreign Ownership (10 parcels - 1990)	7,284 (acres) (value = \$2,198,000)
Total Cropland (Acres - 1988)	614,000
Irrigated Cropland (Acres - 1982)	554,114
Total Agricultural Work Force	6,420
Public Ownership of Land (Acres - 1977)	
Federal	30,974 (3.4%)
State	5,016 (.5%)
County & City	9,544 (1.0%)
School & Special Districts	4,426 (.4%)

Agricultural production ranked 12th among California counties and 18th among U.S. counties. (Based on 1989 total value.)

Railroads - Santa Fe, Southern Pacific & San Joaquin Railroad.

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

Water Sources - Kings River, Tule River, Kaweah River, Kern River & California Aqueduct.

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

Average length of growing season: 257 days.

Average date of last spring frost: March 3.

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

Average date of first fall frost: November 18.

RAINFALL — HANFORD, CALIFORNIA

YEAR	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	TOTAL
1943-44	0.00	0.00	0.00	0.00	0.03	0.21	1.03	1.30	2.80	0.39	0.86	0.28	6.90
1944-45	0.00	0.00	0.00	0.02	0.23	2.25	1.05	0.27	2.69	1.81	0.16	0.10	8.58
1945-46	0.18	0.00	0.00	0.01	0.62	1.15	1.61	0.34	1.52	2.57	0.07	0.41	8.48
1946-47	0.00	0.11	0.00	0.00	1.49	1.10	1.64	0.33	0.49	0.51	0.66	0.33	6.66
1947-48	0.01	0.00	0.00	0.00	0.47	0.29	0.51	0.00	0.43	1.49	1.56	0.55	5.31
1948-49	0.53	0.00	0.00	0.00	0.00	0.03	0.01	0.99	0.51	0.85	1.94	0.07	4.93
1949-50	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.68	1.48	1.13	1.10	0.40	5.39
1950-51	0.07	0.00	0.08	0.00	0.00	0.34	0.63	1.06	1.24	0.76	0.22	1.17	5.57
1951-52	0.02	0.00	0.00	0.00	0.08	1.11	2.39	3.03	0.27	2.18	0.79	0.01	9.88
1952-53	0.02	0.00	0.00	0.17	0.05	0.65	2.96	1.10	0.27	0.34	0.83	0.29	6.68
1953-54	0.08	0.00	0.00	0.00	0.02	1.01	0.09	1.89	0.78	2.21	0.52	0.34	6.94
1954-55	0.00	0.00	0.00	0.00	0.00	0.66	1.61	3.25	1.31	0.43	0.69	0.90	8.85
1955-56	0.00	0.00	0.00	0.00	0.02	0.92	4.67	1.10	0.38	0.10	0.73	0.77	8.69
1956-57	0.07	0.00	0.00	0.00	0.73	0.00	0.15	1.39	1.22	0.05	0.88	0.61	5.10
1957-58	0.00	0.00	0.00	0.00	0.20	1.19	1.41	1.85	2.30	3.93	2.38	0.24	13.50
1958-59	0.00	0.00	0.11	0.11	0.00	0.23	0.16	1.35	1.90	0.11	0.52	0.00	4.49
1959-60	0.00	0.00	0.00	0.11	0.00	0.00	0.17	0.80	1.71	0.61	0.57	0.00	3.97
1960-61	0.00	0.02	0.00	0.53	0.00	2.61	0.03	1.34	0.22	0.67	0.22	0.37	6.01
1961-62	0.00	0.00	0.00	0.00	0.00	1.11	1.28	0.71	4.88	1.06	0.00	0.11	9.15
1962-63	0.00	0.00	0.00	0.01	0.10	0.00	0.19	1.19	1.68	1.37	2.88	0.56	7.98
1963-64	0.17	0.00	0.00	0.33	0.75	1.23	0.31	0.61	0.02	0.94	0.64	0.20	5.20
1964-65	0.00	0.00	0.34	0.00	0.95	1.31	1.44	1.18	0.33	0.33	1.57	0.00	7.45
1965-66	0.00	0.00	0.05	0.07	0.05	2.15	1.97	0.63	0.71	0.10	0.00	0.07	5.80
1966-67	0.06	0.04	0.00	0.29	0.09	1.28	2.57	1.41	0.05	2.42	2.95	0.07	11.23
1967-68	0.23	0.00	0.00	0.31	0.00	1.99	0.50	0.62	0.64	1.00	0.50	0.08	5.87
1968-69	0.00	0.00	0.00	0.00	1.33	0.98	1.64	6.69	4.54	0.79	0.85	0.32	17.14
1969-70	0.21	0.07	0.00	0.15	0.05	0.51	0.70	1.60	1.33	1.42	0.14	0.00	6.18
1970-71	0.00	0.00	0.00	0.00	0.00	2.40	1.23	0.35	0.19	0.23	0.40	1.44	6.24
1971-72	0.00	0.00	0.00	0.04	0.06	0.41	1.87	0.04	0.35	0.00	0.23	0.00	3.00
1972-73	0.00	0.00	0.00	0.24	0.21	2.90	0.65	2.44	2.29	2.20	0.12	0.00	11.05
1973-74	0.00	0.00	0.00	0.00	0.76	0.46	0.94	2.97	0.13	1.75	0.03	0.00	7.04
1974-75	0.00	0.00	0.00	0.00	0.65	0.24	1.40	0.09	2.26	1.24	0.49	0.00	6.37
1975-76	0.00	0.00	0.00	0.98	0.76	0.05	0.22	0.00	2.94	0.19	1.47	0.03	6.64
1976-77	0.01	0.00	0.22	1.47	0.00	1.15	0.96	0.96	0.03	0.43	0.00	0.01	5.24
1977-78	0.07	0.00	0.00	0.00	0.05	0.06	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	0.79	0.50	1.84	1.61	1.16	0.03	0.00	7.03
1979-80	0.00	0.04	0.00	0.08	0.41	0.62	0.41	2.90	2.71	1.28	0.05	0.04	8.54
1980-81	0.00	0.00	0.00	0.00	0.09	0.00	0.21	1.80	0.86	2.10	0.68	0.17	5.91
1981-82	0.00	0.00	0.00	0.00	0.76	1.08	0.29	0.84	0.33	3.52	1.75	0.00	8.57
1982-83	0.45	0.18	0.00	0.64	1.03	2.15	0.71	3.74	2.59	3.39	1.63	0.04	16.55
1983-84	0.00	0.00	0.05	0.82	0.43	1.66	1.22	0.01	0.42	0.27	0.18	0.00	5.06
1984-85	0.00	0.00	0.00	0.01	0.52	1.41	1.66	0.59	0.61	0.68	0.12	0.01	5.61
1985-86	0.00	0.05	0.00	0.00	0.54	2.11	0.56	1.46	2.60	3.40	0.45	0.00	11.17
1986-87	0.00	0.00	0.00	0.15	0.00	0.21	0.77	1.77	2.04	2.02	0.06	0.13	7.15
1987-88	0.05	0.00	0.00	0.00	0.86	0.72	1.74	1.37	0.40	0.93	2.65	0.07	8.79
1988-89	0.06	0.00	0.00	0.00	0.00	1.33	2.29	1.02	2.03	0.85	0.02	0.39	7.99
1989-90	0.00	0.00	0.00	0.67	0.32	0.20	0.53	1.79	1.02	0.30	0.97	0.87	6.67
1990-91	0.00	0.00	0.66	0.00	0.01	0.22	0.09	0.37	1.32	6.67	0.19	0.66	10.19
1991-92	0.36	0.00	0.00	0.11	0.38	0.14	1.32	1.40	3.32	0.85	0.10	0.00	7.98
1992-93	0.00	0.01	0.00	0.00	0.58	0.00	2.62						

AVERAGE	0.05	0.01	0.03	0.17	0.31	0.89	1.13	1.33	1.42	1.34	0.75	0.24	7.62
----------------	------	------	------	------	------	------	------	------	------	------	------	------	------

50 YEAR AVERAGE RAINFALL 7.62