



**1995**

**AGRICULTURAL CROP REPORT  
KINGS COUNTY, CALIFORNIA**

**KINGS COUNTY**  
**AGRICULTURAL COMMISSIONER/SEALER**

**\*\* PERSONNEL \*\***

**AGRICULTURAL COMMISSIONER/SEALER OF WEIGHTS AND MEASURES**

**DENNIS F. BRAY**

**DEPUTY AGRICULTURAL COMMISSIONER/SEALERS**

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**Cover photo by Buzz Felleke**



**KINGS COUNTY DEPARTMENT OF  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES**

Dennis F. Bray  
Agricultural Commissioner  
Sealer Of Weights And Measures

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Ann M. Veneman, Secretary  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Kings

April 1, 1996

It is my pleasure to submit the 1995 Kings County Crop Report. This annual publication presents statistical information on the acreage, yield and gross value of Kings County agricultural products in accordance with Section 2279 of the California Food and Agricultural Code.

The 1995 total gross value of Kings County's major industry was \$836,899,000. This represents a 2.98 percent increase from the 1994 gross production values.

Adverse spring weather caused a decrease in production of many crop categories. However, favorable market prices allowed increases in some 1995 crop values compared to 1994. Fruit and nut crops increased \$20,790,000 (+24.6%) and field crops increased \$10,757,000 (+3.2%) respectfully.

Also showing substantial increases were livestock and poultry products at \$8,417,000 (+21.6%) and apiary products at \$520,000 (+22.8%).

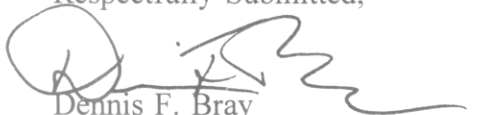
Reduced acreage and poor market values contributed to the decrease of vegetable crops at -\$11,442,000 (-26.0%) and livestock and poultry at -\$6,781,000 (-6.4%).

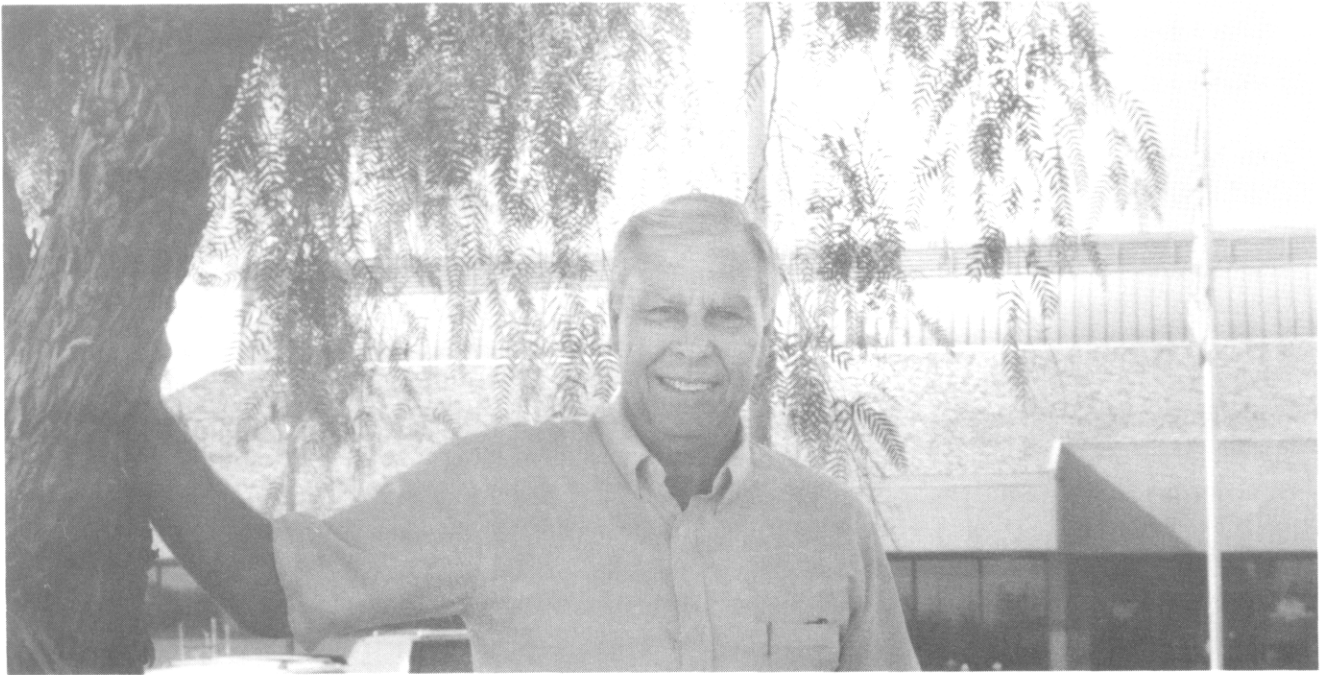
Cotton remains the top crop overall in Kings County with a total 1995 value of \$281,482,000.

It must be emphasized that the values in this report are gross values only and in no manner reflect net income or loss to producers.

My thanks to Agricultural and Standards Inspector III Buzz Felleke and Deputy Commissioner-Sealer Tim Niswander, as well as all the department staff for the compilation and preparation of this report. Most of all, I wish to express my appreciation for the cooperation of all agricultural producers, contributing organizations, and those individuals who provided necessary information for this report.

Respectfully Submitted,

  
Dennis F. Bray  
Agricultural Commissioner  
Sealer of Weights and Measures



## DEDICATION

### M. HUGH HANDLEY

The 1995 Kings County Agricultural Crop Report is dedicated to M. Hugh Handley, who served Kings County as Agricultural Commissioner and Sealer of Weights and Measures for nearly 23 years. Among Mr. Handley's many accomplishments during his service to Kings County was the creation of a one-stop service center for the agricultural community. Several agricultural agencies are now located in the same facility with the Agricultural Commissioner's Department, as seen in the background of the above photo. Also, Hugh Handley was instrumental in the state by bringing the Ag Commissioner's department into the 21st century with computerization. Prior to Kings County, he was employed in the agricultural departments of both Colusa and Santa Clara counties, ending his career with over 35 years of service. The management and staff wish Hugh and his family all the best in his well deserved retirement.

# ANNUAL CROP REPORT FOR YEAR 1995

KINGS COUNTY  
AGRICULTURAL COMMISSIONER/SEALER

DENNIS F. BRAY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

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KINGS COUNTY  
BOARD OF SUPERVISORS

JOE A. NEVES	DISTRICT I
JOE HAMMOND	DISTRICT II
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TONY BARBA	DISTRICT IV
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COUNTY ADMINISTRATIVE OFFICER  
LARRY SPIKES

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## DAIRIES

Dairies are more deeply rooted in agricultural history than many of the cultivated crops. Archaeologists have found evidence indicating that cattle were first domesticated no later than 9000 B.C. The domestication and keeping of milk-producing herds of animals spread from southwest Asia to other parts of the world. At first the same animals were used for work, meat, and milk production. Early man found that goats and sheep produced enough milk for his family. As urban centers developed, cows and goats were kept in large numbers to produce milk in quantity, with the cow becoming established as a volume producer.

Cows were transported to the New World by Columbus on his second voyage in 1493. They were also brought to the Jamestown Colony in 1611 and to the Plymouth Colony in 1624. The production, processing, and distribution of milk and dairy products were mainly from family farm operations until about the middle of the 19th century.

The five major breeds of dairy cows and their origin are: the Ayrshire from Scotland; the Brown Swiss from Switzerland; the Guernsey from Guernsey Island in the English Channel; the Jersey from Jersey Island also in the English Channel; and the most popular, the Holstein-Friesian from the northern part of the Netherlands (Friesland).

The most numerous breed of dairy cattle in the United States is the Holstein which can be easily recognized by their large black and white markings as seen on the cover of this crop report. The earliest Dutch settlers brought Holsteins to America, but the main importations were made in the latter half of the 19th century. No Holsteins have been imported into the United States from Europe since 1905.

Dairy farming has been a major influence in this area of California long before the County of Kings was established. Numerous dairies were started in this area in the latter 1800's. Included in Kings County's rich agricultural history is a world record title for milk production from one cow, a Holstein. Maciel #289 lived for 20 years and produced 465,224 pounds of milk, a record that no other cow has yet broken.

Kings County ranks sixth in California in terms of value of milk and dairy products and is among the top ten dairy counties in the nation. Dairying ranks second in value to cotton in the Kings County agricultural economy. The average herd size in the county is 651 cows per dairy. A mature Holstein dairy cow can often weigh 1,500 pounds and sometimes weigh as much as 2,000 pounds. The average annual production from a Holstein cow is 19,600 pounds of milk.

Kings County shall remain a popular area for dairy farming because of the mild weather, an abundance of high quality feed, a good water supply, and its central location between the major urban regions of Los Angeles and the San Francisco Bay area. Coupled with the resilient character of the dairymen, Kings County will continue to meet the challenges and needs of future milk production.

# FIELD CROPS

CROP	YEAR	HARVESTED PRODUCTION		VALUE			
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Barley	1995	30,157	1.63	49,156	Ton	112.00	5,505,000
	1994	27,146	1.64	44,519	Ton	108.48	4,830,000
Beans Dry a/	1995	3,454	1.15	3,972	Ton	802.00	3,186,000
	1994	2,345	1.15	2,697	Ton	563.00	1,518,000
Corn Silage	1995	16,401	23.60	387,064	Ton	18.02	6,975,000
	1994	15,847	21.42	339,443	Ton	20.24	6,870,000
Cotton							
Acala-Lint b/	1995	257,431	1.88	483,970	495 lb.	412.00	199,396,000
	1994	240,660	2.33	560,738	495 lb.	373.98	209,705,000
Acala-Seed	1995			262,015	Ton	180.00	47,163,000
	1994			231,362	Ton	150.00	34,704,000
Cotton Pima-Lint b/	1995	29,199	1.78	51,974	495 lb.	581.00	30,197,000
	1994	28,735	1.62	46,551	495 lb.	474.29	22,079,000
Pima-Seed	1995			21,381	Ton	170.00	3,635,000
	1994			19,248	Ton	148.00	2,849,000
Hay							
Alfalfa	1995	25,880	6.99	180,901	Ton	98.00	17,728,000
	1994	22,650	8.22	186,183	Ton	108.15	20,136,000
Other c/	1995	2,083	2.48	5,166	Ton	59.00	305,000
	1994	1,320	3.00	3,960	Ton	78.00	309,000
Pasture							
Irrigated	1995	12,000			Acre	107.00	1,284,000
	1994	10,000			Acre	105.00	1,050,000
Range	1995	100,000			Acre	2.25	225,000
	1994	90,000			Acre	2.00	180,000
Alfalfa	1995	27,080			Acre	23.00	623,000
Stubble	1994	30,541			Acre	20.00	611,000
Safflower	1995	36,185	1.21	43,784	Ton	300.00	13,135,000
	1994	32,213	1.41	45,420	Ton	310.96	14,124,000
Sugar Beets	1995	2,115	30.75	65,036	Ton	34.00	2,211,000
	1994	3,682	25.26	93,007	Ton	32.63	3,035,000

## FIELD CROPS

CROP	YEAR	HARVESTED PRODUCTION		VALUE			
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Wheat	1995	42,937	2.58	110,777	Ton	145.33	16,099,000
	1994	37,928	2.76	104,681	Ton	128.79	13,482,000
Other d/	1995	17,676					2,451,000
	1994	14,994					3,879,000
TOTAL	1995	602,598					350,118,000
	1994	558,061					339,361,000

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, screening, straw, sudangrass, wheat silage, and winter forage.

## SEED CROPS

CROP	YEAR	HARVESTED PRODUCTION		VALUE			
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
<b>Alfalfa</b>							
Certified	1995	11,091	624	6,920,784	lb.	1.41	9,758,000
	1994	6,571	744	4,888,824	lb.	1.26	6,160,000
Non-certified	1995	1,600	624	998,400	lb.	1.35	1,348,000
	1994	1,000	744	744,000	lb.	1.10	818,000
Total	1995	12,691		7,919,184	lb.		11,106,000
	1994	7,571		5,632,824	lb.		6,978,000
Barley, Certified	1995	1,000	4400	4,400,000	lb.	0.07	308,000
	1994	1,903	5000	9,515,000	lb.	0.06	571,000
Cotton, Certified a/	1995	4,783		4,641	Ton	235.00	1,091,000
	1994	3,603		2,162	Ton	248.00	536,000
Wheat, Certified	1995	4,788	4,458	21,344,904	lb.	0.08	1,708,000
	1994	5,676	5,780	32,807,280	lb.	0.07	2,297,000
Vegetable/Flowers	1995	673					2,580,000
	1994	898					3,431,000
TOTAL	1995	23,935					16,793,000
	1994	19,651					13,813,000

a/ Not included in total acreage for "Seed Crop"

b/ Broccoli, cauliflower, chinese cabbage, flowers, lettuce, onion, radish, and turnip.



# FRUIT & NUT CROPS

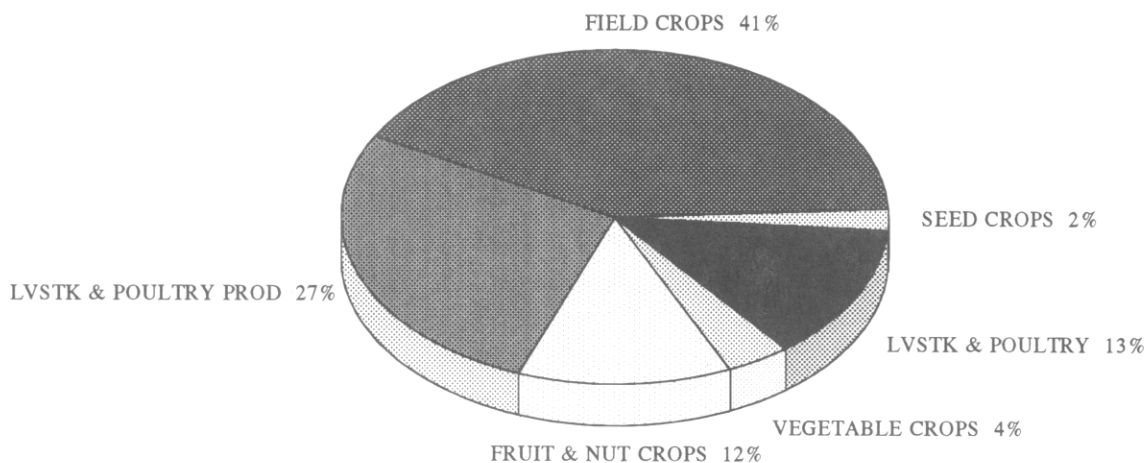
CROP	YEAR	BEARING		PRODUCTION		VALUE	
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Almonds	1995	2,070	0.63	1,304	Ton	4,376.70	5,707,000
	1994	1,747	0.87	1,520	Ton	2,507.00	3,810,000
Almond Hulls	1995			689	Ton	90.00	62,000
	1994			1,098	Ton	71.50	79,000
<b>Apples</b>							
Fresh	1995			4,064	Ton	563.00	2,288,000
	1994			4,628	Ton	566.59	2,622,000
Processed	1995			2,285	Ton	160.00	366,000
	1994			1,984	Ton	70.00	139,000
Apples Total	1995	541	11.74	6,349	Ton		2,655,000
	1994	502	11.99	6,612	Ton		2,761,000
<b>Apricots</b>							
Fresh	1995			1,294	Ton	1,505.00	1,947,000
	1994			920	Ton	956.00	880,000
Processed	1995			228	Ton	278.00	63,000
	1994			307	Ton	287.00	88,000
Apricots Total	1995	375	4.06	1,522	Ton		2,010,000
	1994	251	4.88	1,227	Ton		968,000
<b>Firewood a/</b>							
	1995			520	Cord	110.00	57,000
	1994			710	Cord	100.00	71,000
<b>Grapes</b>							
<b>Raisin Varieties</b>							
Fresh	1995			1,800	Ton	837.00	1,507,000
				5,600	Ton	930.00	5,208,000
Crushed				8,600	Ton	160.00	1,376,000
Canned				2,238	Ton	238.00	533,000
Total		2,079		18,238			8,624,000
<b>Grapes</b>							
<b>Raisin Varieties</b>							
Fresh	1994			1,500	Ton	730.00	1,095,000
				5,800	Ton	940.00	5,452,000
Crushed				8,500	Ton	175.00	1,488,000
Canned				2,284	Ton	238.00	544,000
Total		1,982		18,084			8,579,000
<b>Table Varieties</b>							
	1995	617	11.89	7,336	Ton	867.77	6,366,000
	1994	634	9.16	5,807	Ton	852.58	4,951,000

# VEGETABLE CROPS

CROP	YEAR	HARVESTED PRODUCTION		UNIT	VALUE		
		ACREAGE	PER ACRE		PER UNIT	TOTAL	
<b>Broccoli</b>							
Fresh	1995			293	Ton	612.00	179,000
	1994			1,024	Ton	660.00	676,000
Processed	1995			5,582	Ton	370.00	2,065,000
	1994			1,247	Ton	367.00	458,000
<b>Broccoli Total</b>							
	1995	1,175	5.00				2,244,000
	1994	696	5.20				1,134,000
<b>Cantaloupes</b>							
	1995	1,367	12.06	16,486	Ton	203.00	3,347,000
	1994	1,345	11.56	15,548	Ton	256.00	3,980,000
<b>Sweet Corn</b>							
	1995	654	7.50	4,905	Ton	374.00	1,834,000
	1994	612	6.88	4,211	Ton	278.00	1,171,000
<b>Tomatoes</b>							
Fresh	1995	1,415	13.66	19,329	Ton	337.00	6,514,000
	1994	1,529	20.00	30,580	Ton	347.00	10,611,000
Processed	1995	6,100	31.85	194,285	Ton	54.00	10,491,000
	1994	11,500	30.40	349,600	Ton	50.00	17,480,000
<b>Tomatoes Total</b>							
	1995	7,515		213,614			17,005,000
	1994	13,029		380,180			28,091,000
<b>Other a/</b>							
	1995	2,781					8,214,000
	1994	5,322					9,710,000
<b>TOTAL</b>							
	1995	13,492					32,644,000
	1994	21,004					44,086,000

a/ Includes asparagus, garlic, eggplant, lettuce, misc. melons, misc. vegetable, peanuts, processed carrots, processed garlic, squash and watermelon.

## 1995 PERCENT OF TOTAL VALUE



# INVENTORIES OF LIVESTOCK & POULTRY

ITEM	January 1, 1996 NUMBER OF HEAD	January 1, 1995 NUMBER OF HEAD
<b>Cattle and Calves</b>		
All	187,000	167,000
Dairy Cows 2 Years and Over	93,000	83,000
Cattle and Calves on Feed	3,500	3,000
Other	130,000	128,000
<b>Sheep and Lambs</b>	10,720	9,200
Goats	2,400	3,000
Hogs and Pigs	8,500	7,300
Turkeys	650,000	603,000

# LIVESTOCK & POULTRY

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NUMBER OF HEAD	TOTAL LIVEWEIGHT		PER UNIT	TOTAL
Breeding	1995					1,454,000
Stock a/	1994					1,420,000
<b>Cattle and Calves</b>	1995	162,820	976,923	Cwt.	52.00	50,800,000
	1994	148,779	906,064	Cwt.	71.00	64,331,000
<b>Hogs and Pigs</b>	1995	17,015	37,943	Cwt.	41.00	1,556,000
	1994	13,300	30,590	Cwt.	40.00	1,224,000
<b>Sheep and Lambs</b>	1995	12,720	14,425	Cwt.	80.00	1,154,000
	1994	12,479	15,724	Cwt.	55.00	865,000
<b>Turkeys</b>	1995	1,919,054	41,470,757	lb.	0.62	25,712,000
	1994	1,887,136	41,913,290	lb.	0.64	26,825,000
<b>Other b/</b>	1995					18,523,000
	1994					11,315,000
<b>TOTAL</b>	1995					99,199,000
	1994					105,980,000 *

a/ For All animals except horses.

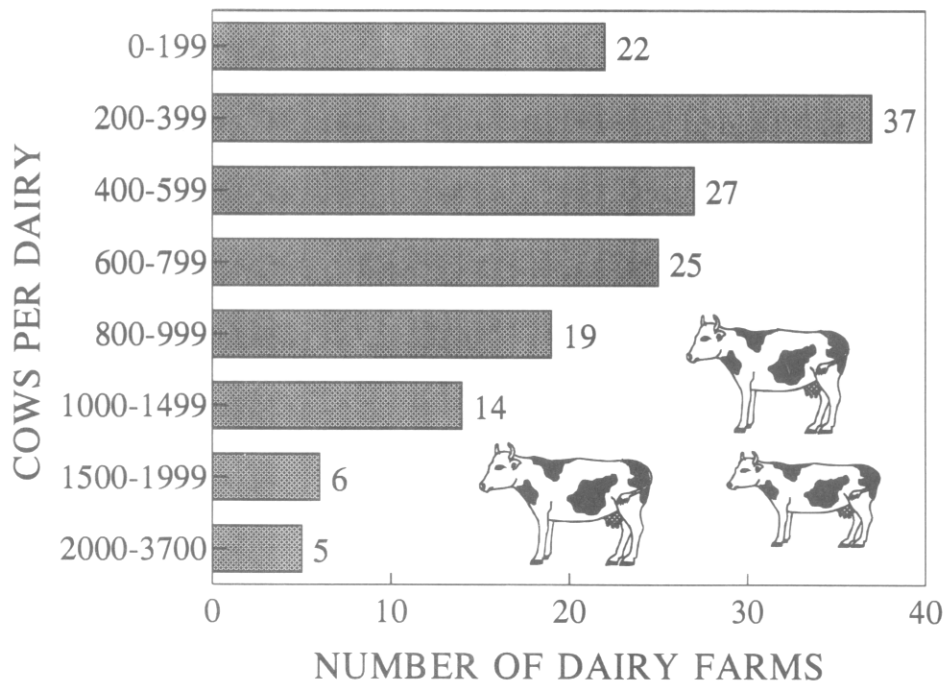
b/ Includes Catfish, chickens, and goats.

\* Revised

# LIVESTOCK & POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
Eggs-Chicken Market	1995	2,302,700	Doz.	0.86	1,980,000
	1994	2,526,540	Doz.	0.89	2,249,000
Manure	1995	347,113	Ton	4.55	1,579,000
	1994	376,430	Ton	5.10	1,920,000
<b>Milk</b>					
Milk, Goats	1995	16,649	Cwt.	26.64	444,000
	1994	16,736	Cwt.	26.85	449,000
Market	1995	19,710,894	Cwt.	11.47	226,084,000
	1994	19,190,438	Cwt.	11.30	216,852,000
Manufacturing	1995	91,010	Cwt.	10.41	947,000
	1994	115,258	Cwt.	10.46	1,206,000
Milk Total	1995	19,818,553			227,475,000
	1994	19,322,432			218,507,000
Wool	1995	132,288	lb.	1.34	177,000
	1994	129,781	lb.	0.91	118,000
TOTAL	1995				231,211,000
	1994				222,794,000

## KINGS COUNTY - 1995 DISTRIBUTION OF DAIRIES BY SIZE

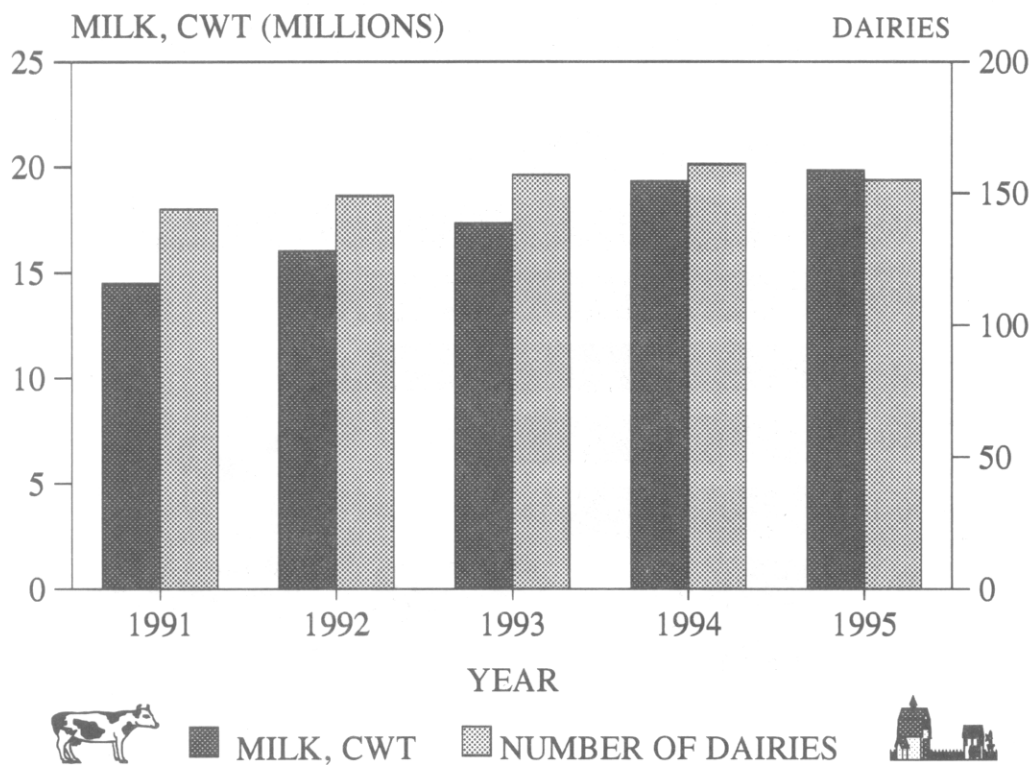


# APIARY PRODUCTS

ITEM	YEAR	TOTAL PRODUCTION	UNIT	PER UNIT	TOTAL
<b>Apiary Products</b>					
Honey	1995	2,478,845	lb.	0.60	1,487,000
	1994	2,888,000	lb.	0.50	1,444,000
Beeswax	1995	41,314	lb.	2.00	83,000
	1994	48,133	lb.	1.25	60,000
<b>Pollination</b>					
Seed Alfalfa	1995	38,073	Colonies	23.00	876,000
	1994	22,713	Colonies	20.00	454,000
Tree Fruit a/	1995	9,530	Colonies	34.00	324,000
	1994	8,546	Colonies	35.00	299,000
Cantaloupe	1995	2,185	Colonies	14.00	31,000
	1994	2,017	Colonies	12.00	24,000
<b>TOTAL</b>	1995				2,801,000
	1994				2,281,000

a/ Almonds, apples and plums.

## NUMBER OF DAIRIES AND MILK PRODUCTION

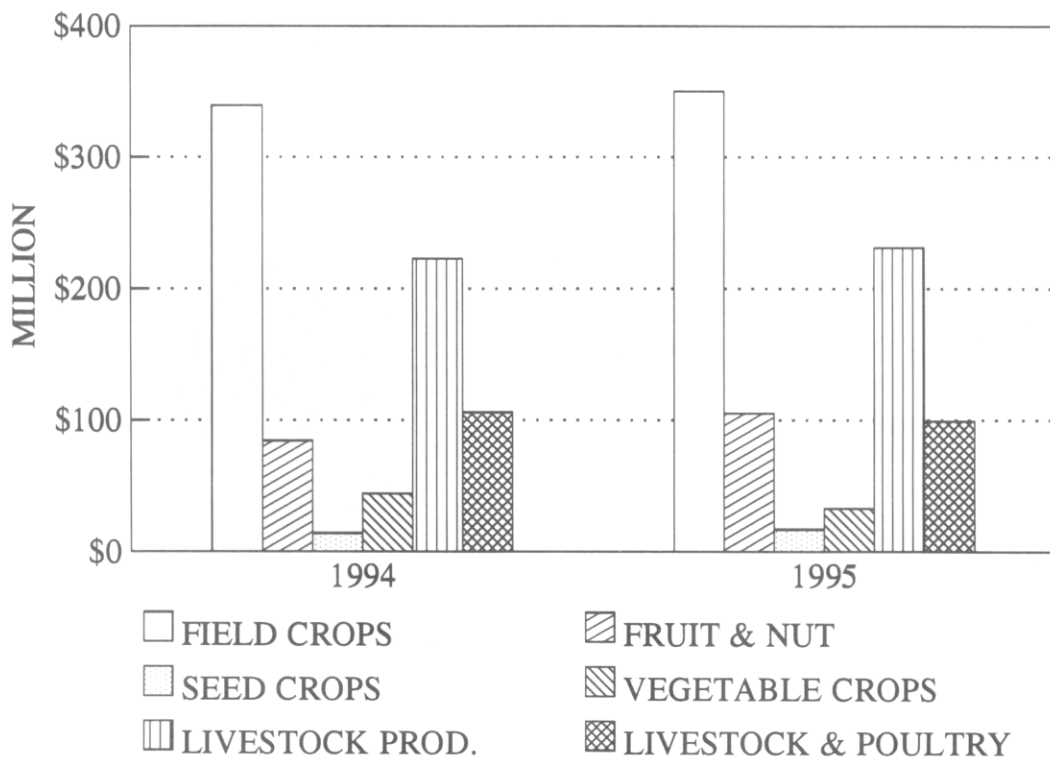


# FIVE YEAR COMPARISON OF ACREAGE & CROP VALUES

	1991	1992	1993	1994	1995
Apiary Products	3,934,000	4,230,000	1,992,000	2,281,000	2,801,000
Field Crops	312,378,000	356,410,000	362,811,000	339,361,000	350,118,000
Acreage	561,531	554,610	578,201	558,061	602,598
Fruit and Nut Crops	85,739,000	78,734,000	112,541,000	84,343,000	105,133,000
Acreage	28,040	27,277	27,995	27,586	29,631
Livestock and Poultry	109,501,000	97,399,000	106,206,000	105,980,000	99,199,000
Livestock and Poultry Products	166,204,000	185,802,000	198,540,000	222,794,000	231,211,000
Seed Crops	28,300,000	23,843,000	12,892,000	13,813,000	16,793,000
Acreage	38,603	32,270	19,787	19,651	23,935
Vegetable Crops	32,260,000	29,439,000	44,231,000	44,086,000	32,644,000
Acreage	14,453	9,956	18,743	21,004	13,492
<b>TOTAL</b>	<b>\$ 738,316,000 *</b>	<b>\$ 775,857,000</b>	<b>\$ 837,298,000</b>	<b>\$ 812,658,000</b>	<b>\$ 836,899,000</b>

\* Revised

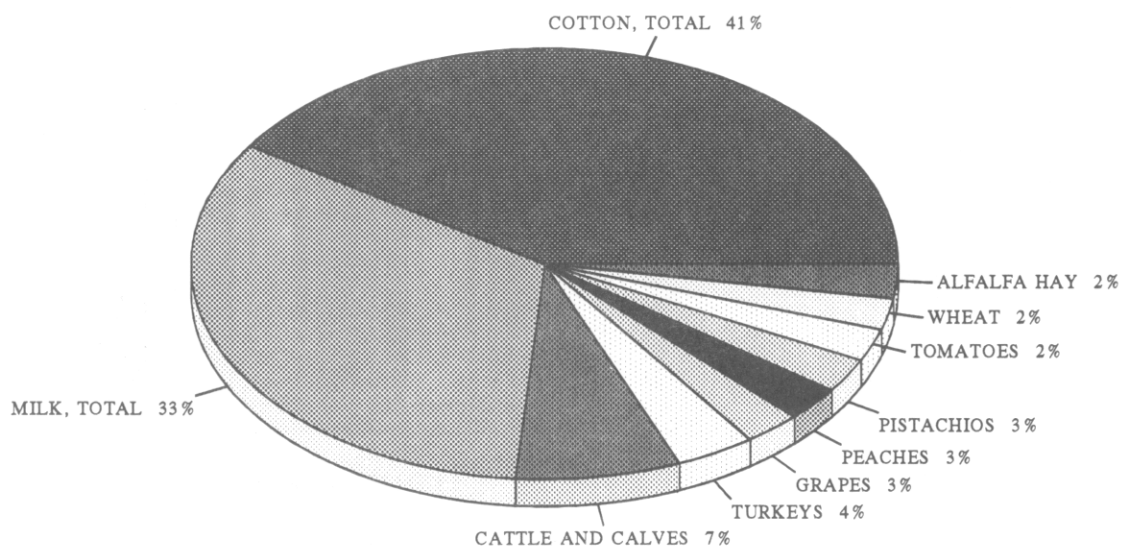
## 1994 AND 1995 PRODUCTION VALUE COMPARISONS



# KINGS COUNTY TEN LEADING CROPS

CROP	1995 RANK	1995 DOLLAR VALUE	1994 RANK	1993 RANK	1992 RANK
Cotton, Total	1	281,482,000	1	1	1
Milk, Total	2	227,475,000	2	2	2
Cattle and Calves	3	50,800,000	3	3	3
Turkeys	4	25,712,000	5	4	5
Grapes Total	5	18,428,000	6	10	11
Peaches Total	6	18,148,000	10	8	6
Pistachios	7	18,048,000	9	7	10
Alfalfa Hay	8	17,728,000	7	6	4
Tomatoes	9	17,005,000	4	5	8
Wheat	10	16,099,000	11	14	13

## TOP TEN COMMODITIES OF KINGS COUNTY FOR 1995



# KINGS COUNTY SUSTAINABLE AGRICULTURAL REPORTING

Pest	Agent/Mechanism	Scope of Program
<b>COUNTY BIOLOGICAL CONTROL</b>		
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
	Gall Fly <u>Urophora sirunaseva</u>	1 site
Ash Whitefly <u>Siphoninus phillyreae</u>	Parasitic Wasp <u>Encarsia partenorea</u>	Generally distributed
<b>COUNTY PEST ERADICATION</b>		
Pink Bollworm <u>Pectinophora gossypiella</u>	Mechanical/Host Free Period	285,630 acres
Alligatorweed <u>Alternanthera philoxeroides</u>	Chemical/Fumigation	1 plant
<b>COUNTY PEST DETECTION</b>		
Various Insect Pests	Various Detection Insect Traps	908 traps
<b>COUNTY PEST EXCLUSION</b>		
European Corn Borer <u>Ostrinia nubilalis</u>	Railroad Corn Shipments	1,028 inspections
Various	Truck Shipments	7,734 inspections
Gypsy Moth <u>Lymantria dispar</u>	Household Goods Shipments	29 inspections
<b>Crops</b>	<b>Activity</b>	<b>Scope of Program</b>
Export Commodities	Origin Certification	957 issued
Export Seed	Field Inspections	145 sites
		24,012 acres



# GENERAL KINGS COUNTY INFORMATION

County Seat	Hanford
County Population (1995)	116,312
Population per Square Mile	83.3
Total Assessed Value (1995)	\$3,817,204,805
Land Area (Square Miles)	1,396
Total Acres	893,440
Total Harvested crop acreage (1995)	666,875
Foreign Ownership (1993)	7,243 (acres)
Total Farmland (Acres - 1995)	755,826
Public Ownership of Land (Acres - 1990)	
Federal	20,912.69
State	1,684.99
County	5,556.25
Local Agencies	9,460.34

Agricultural production ranked 12th among California counties and 16th among U.S. counties.(Based on 1992 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, CA

YEAR	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	TOTAL
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	3.88	2.48	2.16	0.07	0.08	11.88
1993-94	0.26	0.00	0.00	0.24	0.24	0.68	0.66	1.45	1.02	0.70	0.69	0.00	5.94
1994-95	0.00	0.00	0.00	1.06	0.35	1.54	0.33	4.70	0.51	4.77	0.65	0.87	14.78
1995-96	0.00	0.00	0.00	0.00	0.00	0.00	1.59						
AVERAGE	0.05	0.01	0.03	0.19	0.31	0.86	1.10	1.50	1.36	1.40	0.76	0.25	7.79

50 YEAR AVERAGE RAINFALL

7.79