



**AGRICULTURAL
CROP REPORT 2001
Kings County, California**

Pomegranates

The name pomegranate is derived from the French words "pome" "grenate" meaning "apple with many seeds." Although the name is French in origin, the fruit itself originated in Persia. Historical references indicate that pomegranates have been consumed for at least 3,000 years. In many ancient cultures the pomegranate represented symbols of love, beauty, prosperity, fertility, and eternity. According to Greek mythology Aphrodite, the goddess of love, planted the pomegranate on Earth. Ancient Greeks also believed the juice to be the blood of Dionysus, the god of wine and tending of grapes, who possessed powers of eternal life.

Reference to the pomegranate is based in several religious writings. For example, the Bible states that King Solomon had an orchard of pomegranates and that the high priests of the day wore robes embroidered with the fruit. The Qu'ran, the religious book of Islam, states that a sign for a true believer is to witness the ripening of the fruit. The allusion of the pomegranate in all of these religious writings is not surprising, due to the fact that the alleged origin of the fruit was in Persia. Present day Persia is also the birthplace of many of the aforementioned religions and ancient cultures. The pomegranate was not only a symbol of culture it was a practical source of food, and wine. The vibrant red dye used in the making of Persian rugs comes from pomegranates.

Spanish settlers who were establishing California missions first introduced pomegranates to the state in 1769. Pomegranates flourished in California due to its low rainfall and low humidity conditions, which are ideal for establishment and cultivation of the tree. When allowed to grow naturally this bushy tree can reach approximately 25 feet in height. They may live several years, and some have been documented to be hundreds of years old. The tree has bright orange-red flowers that are believed to become more fragrant the closer the tree is grown to Persia. The flowers yield to a red bell shaped fruit that continues to ripen into a round fruit. At its peak of maturity the fruit is approximately 6 inches in diameter and covered by a red leathery skin. Inside the leathery skin is a mass of seeds covered by the true fruit, which is a red, sweet and juicy berry. The count of berries inside the fruit is fabled to be 613, the exact number of laws in the Bible, again a reference to the botany of the fruit being divine.

Today, pomegranates are commonly grown for their juice. Approximately 45% of the total yield is processed into juice. According to recent nutritional research, the daily consumption of pomegranate juice is proving to be highly beneficial as an effective anti-oxidant, reducing the risk of cancer. The juice can also be processed into pomegranate jelly, grenadine, and wine. The flowers and juice of the pomegranate contain a natural dye that is extremely colorfast. Even with advancements in chemical dye technology, the colorant is still used in the manufacturing of red dye for rugs, clothing, and other articles. The other 55% of the harvest is for fresh consumption, 15% of which is exported to foreign destinations. The most popular varieties grown in California are 'Wonderful' and 'Early Foothill'.

Pomegranates are grown in Mediterranean climates throughout the world. Generally produced in Spain, Italy, Israel, South Africa, and the United States. The sole site of commercial pomegranate production in the U.S. is in California's Southern San Joaquin Valley. The majority of California's pomegranates are grown in Kings, Tulare and Fresno counties. Kings County has the most acreage in the state at about 2,030 producing acres. Those acres comprise approximately 40% of the state's pomegranate acreage.

Photos provided by Bezabih "Buzz" Felleke and California Pomegranate Council.



COUNTY OF KINGS DEPARTMENT OF THE
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS & MEASURES

Dennis F. Bray
Agricultural Commissioner
Sealer of Weights and Measures

Secretary William J. Lyons, Jr.
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Kings, California

April 9, 2002

It is my pleasure to submit the 2001 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 Sections 2272 and 2279 of the California Food and Agricultural Code.

The 2001 total gross value of Kings County's number one industry was \$951,950,000, an all time high. This figure represents an increase of 7.4% from the 2000 gross production value (\$886,479,000).

Favorable market values in Livestock and Poultry Products (mainly milk) resulted in a \$68,526,000 increase (+23.1%). Expanded acreages and maturation of tree crops, as well as mild weather contributed to increases in the Vegetable Crops \$19,668,000 (+44.7%) and Fruit and Nut Crops \$9,340,000 (+11.6%). Stronger market prices contributed to the Livestock and Poultry category at \$115,369,000 (+8.6%).

By contrast, loss of acreage and unfavorable market prices led to a decrease in values for three of the 2001 crop categories. Seed Crops decreased \$13,023,000 (-70.7%), Apiary Products \$643,000 (-24.3%), and Field Crops \$28,059,000 (-8.3%).

Milk remains this county's leading commodity with a value of \$361,839,000 in 2001. This represents a substantial increase in value of 23.4%. This reflects continued growth in herd size and strong market prices.

I want to emphasize that the numbers in this report are gross values only and in no way reflect the net income or loss to producers.

My thanks to Buzz Felleke, Agricultural and Standards Inspector III, and Ruben J. Arroyo, Deputy Commissioner/ Sealer in addition to other department staff who helped with 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 the necessary information for this report.

Respectfully Submitted,

Dennis F. Bray
Agricultural Commissioner
Sealer of Weights and Measures

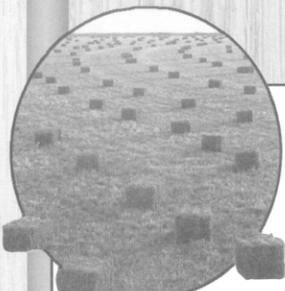
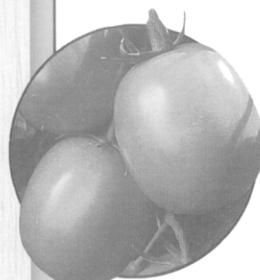
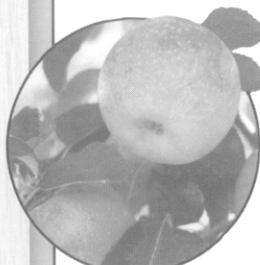


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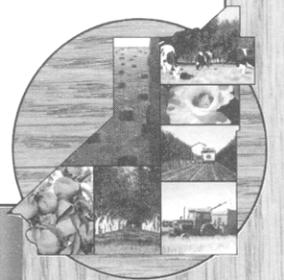
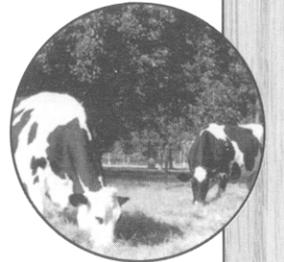
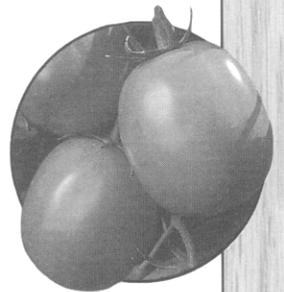
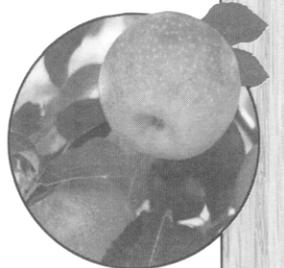
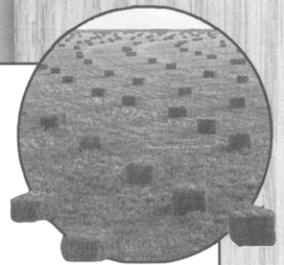
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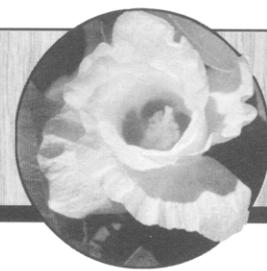




Field Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value	
						Per Unit	Total
Barley	2001	2,777	1.83	5,082	TON	\$103.46	\$526,000
	2000	2,874	1.18	3,391	TON	\$101.13	\$343,000
Beans Dry a/	2001	9,302	0.69	6,418	TON	\$503.52	\$3,232,000
	2000	10,752	1.01	10,860	TON	\$543.06	\$5,898,000
Corn Silage*	2001	45,280	20.15	912,392	TON	\$19.51	\$17,801,000
	2000	42,991	25.41	1,092,401	TON	\$17.45	\$19,062,000
Cotton							
Acala-Lint b/	2001	75,582	2.79	210,874	495 lbs.	\$338.71	\$71,425,000
	2000	73,030	2.61	190,608	495 lbs.	\$306.77	\$58,473,000
Acala-Seed	2001			87,100	TON	\$165.00	\$14,372,000
	2000			78,598	TON	\$160.00	\$12,576,000
Upland-Non-App.-Lint	2001	47,173	2.54	119,819	495 lbs.	\$321.50	\$38,522,000
	2000	60,076	2.65	159,201	495 lbs.	\$334.36	\$53,230,000
Upland-Non-App. Seed	2001			49,440	TON	\$165.00	\$8,158,000
	2000			65,725	TON	\$160.00	\$10,516,000
Pima-Lint	2001	64,689	2.28	147,491	495 lbs.	\$425.34	\$62,734,000
	2000	84,003	2.19	183,967	495 lbs.	\$455.76	\$83,845,000
Pima-Seed	2001			60,946	TON	\$129.00	\$7,862,000
	2000			75,886	TON	\$145.00	\$11,003,000
Pima-Non-App.-Lint	2001	2,416	2.30	5,557	495 lbs.	\$420.75	\$2,338,000
	2000	2,491	2.18	5,430	495 lbs.	\$392.80	\$2,133,000
Pima-Non-App. Seed	2001			2,293	TON	\$129.00	\$296,000
	2000			2,236	TON	\$145.00	\$324,000
Hay							
Alfalfa	2001	58,177	5.41	314,738	TON	\$124.00	\$39,028,000
	2000	53,710	6.87	368,988	TON	\$91.95	\$33,928,000
Others c/	2001	4,987	2.51	12,517	TON	\$104.27	\$1,305,000
	2000	1,397	3.76	5,253	TON	\$81.00	\$425,000
Pasture							
Irrigated	2001	11,000				\$114.00	\$1,254,000
	2000	10,000				\$113.00	\$1,130,000
Range	2001	102,000				\$2.20	\$224,000
	2000	103,000				\$2.30	\$237,000

Field Crops



Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value	
						Per Unit	Total
Alfalfa, Stubble	2001	29,089				\$16.00	\$465,000
	2000	25,096				\$15.00	\$376,000
Sugar Beets	2001	1,962	27.20	53,366	TON	\$32.25	\$1,721,000
	2000	4,668	32.27	150,636	TON	\$34.40	\$5,182,000
Wheat	2001	98,562	2.75	271,046	TON	\$118.60	\$32,146,000
	2000	95,330	2.70	257,391	TON	\$112.64	\$28,993,000
Misc. Field Crops d/	2001	41,383					\$4,893,000
	2000	71,699					\$8,687,000
TOTAL	2001	594,379					\$308,302,000
	2000	641,117					\$336,361,000

*Revised

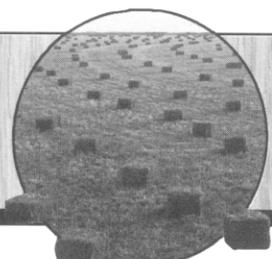
a/ All dry beans

b/ 495 lbs. = 1 bale

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

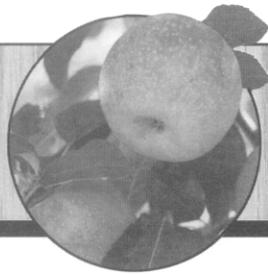
d/ Includes corn grain, oat silage, safflower, screenings, straw, wheat silage and winter forage

Seed Crops



Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value	
						Per Unit	Total
Alfalfa, Cert.	2001	2,656	830.00	2,204,480	lb.	\$1.83	\$4,034,000
	2000	9,446	781.00	7,377,326	lb.	\$1.65	\$12,173,000
Non-Cert.	2001	124	278.00	34,472	lb.	\$1.00	\$34,000
	2000	608	590.00	358,720	lb.	\$1.00	\$359,000
Total	2001	2,780					\$4,068,000
	2000	10,054					\$12,532,000
Cotton, Cert.	2001	1,026		1,068	TON	\$121.24	\$129,000
	2000	9,265		3,984	TON	\$215.00	\$857,000
Wheat	2001	1,876	5,640.00	10,580,640	lb.	\$0.06	\$635,000
	2000	4,191	6,267.00	26,264,997	lb.	\$0.06	\$1,576,000
Others a/	2001	160					\$557,000
	2000	1,098					\$3,447,000
TOTAL	2001	5,842					\$5,389,000
	2000	24,608					\$18,412,000

a/ Lettuce

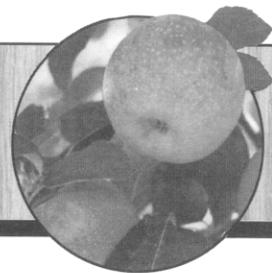


Fruit & Nut Crops

Crop	Year	Harvested Production		Total	Unit	Value	
		Acreage	Per Acre			Per Unit	Total
Almonds	2001	4,100	0.84	3,444	TON	\$2,131.76	\$7,342,000
	2000	1,796	0.70	1,257	TON	\$2,445.00	\$3,073,000
Almond Hulls	2001			2,960	TON	\$82.00	\$243,000
	2000			1,297	TON	\$75.00	\$97,000
Apples							
Fresh	2001			2,134	TON	\$333.03	\$711,000
	2000			3,053	TON	\$521.00	\$1,591,000
Processed	2001			853.52	TON	\$55.00	\$47,000
	2000			1,221.00	TON	\$42.00	\$51,000
Apples, Total	2001	366					\$758,000
	2000	420					\$1,642,000
Apricot Fresh	2001	309	6.30	1,947	TON	\$830.04	\$1,616,000
	2000	299	4.40	1,316	TON	\$804.26	\$1,058,000
Firewood	2001			1,430	CORD	\$100.00	\$143,000
	2000			1,336	CORD	\$95.00	\$127,000
Grapes							
Raisin Varieties							
Fresh				1,894	TON	\$985.00	\$1,866,000
Dried				1,727	TON	\$525.00	\$907,000
Crushed				1,148	TON	\$85.26	\$98,000
Canned				96	TON	\$258.00	\$25,000
Total		2,711					\$2,896,000
Grapes 2000							
Raisin Varieties							
Fresh				2,500	TON	\$1,238.00	\$3,095,000
Dried*				4,915	TON	\$600.00	\$2,949,000
Crushed				2,829	TON	\$126.37	\$358,000
Canned				256	TON	\$255.00	\$65,000
Total		2,578		10,500	TON		\$6,467,000

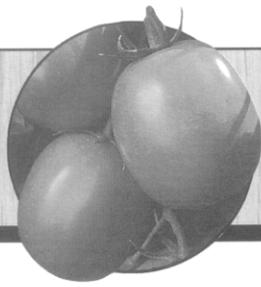
*An agreed-upon price per ton for raisins had not been reached when this report went to print in 2001. The value used, for reporting purposes only, was \$1,025.00 per ton, the last value offered by the Raisin Bargaining Association. The revised value of \$600.00 for 2000 raisin prices used in this report, reflects free tonnage, reserve tonnage and raisin diversion program.

Fruit & Nut Crops



Crop	Year	Harvested Production		Total	Unit	Value	
		Acreage	Per Acre			Per Unit	Total
Table Varieties							
Crushed	2001	412	8.90	3,667	TON	\$91.11	\$334,000
	2000	494	9.40	4,644	TON	\$105.00	\$488,000
Fresh	2001	267	5.38	1,436	TON	\$889.41	\$1,277,000
	2000	337	8.40	2,831	TON	\$1,047.00	\$2,964,000
Wine Varieties	2001	2,342	10.75	25,177	TON	\$183.95	\$4,631,000
	2000	1,769	11.07	19,583	TON	\$180.00	\$3,525,000
Grapes, Total	2001	5,732					\$9,138,000
	2000	5,178					\$13,444,000
Nectarines	2001	1,808	6.30	11,390	TON	\$584.43	\$6,657,000
	2000	1,537	5.84	8,976	TON	\$500.00	\$4,488,000
Peaches							
Clingstone	2001	1,044	18.92	19,752	TON	\$235.06	\$4,643,000
	2000	1,128	18.00	20,304	TON	\$233.00	\$4,731,000
Freestone	2001	2,513	7.95	19,978	TON	\$552.81	\$11,044,000
	2000	2,519	7.20	18,137	TON	\$597.00	\$10,828,000
Peaches, Total	2001	4,685					\$15,687,000
	2000	3,647					\$15,559,000
Pistachios	2001	6,987	1.23	8,594	TON	\$2,125.97	\$18,271,000
	2000	6,916	1.00	6,916	TON	\$2,067.00	\$14,295,000
Plums	2001	1,660	5.19	8,615	TON	\$615.46	\$5,302,000
	2000	1,560	5.30	8,268	TON	\$720.00	\$5,953,000
Pomegranates	2001	2,030	2.96	6,009	TON	\$1,357.13	\$8,155,000
	2000	1,725	2.00	3,450	TON	\$1,988.00	\$6,859,000
Walnuts	2001	7,241	1.52	11,006	TON	\$1,077.78	\$11,862,000
	2000	6,401	1.18	7,553	TON	\$1,142.00	\$8,626,000
Others a/	2001	1,186					\$4,389,000
	2000	1,155					\$5,002,000
TOTAL	2001	34,976					\$89,563,000
	2000	30,634					\$80,223,000

a/ Includes asian pears, cherries, jojobas, kiwifruit, olives, oranges, pecans, persimmons, pluots, prunes, quince and strawberries

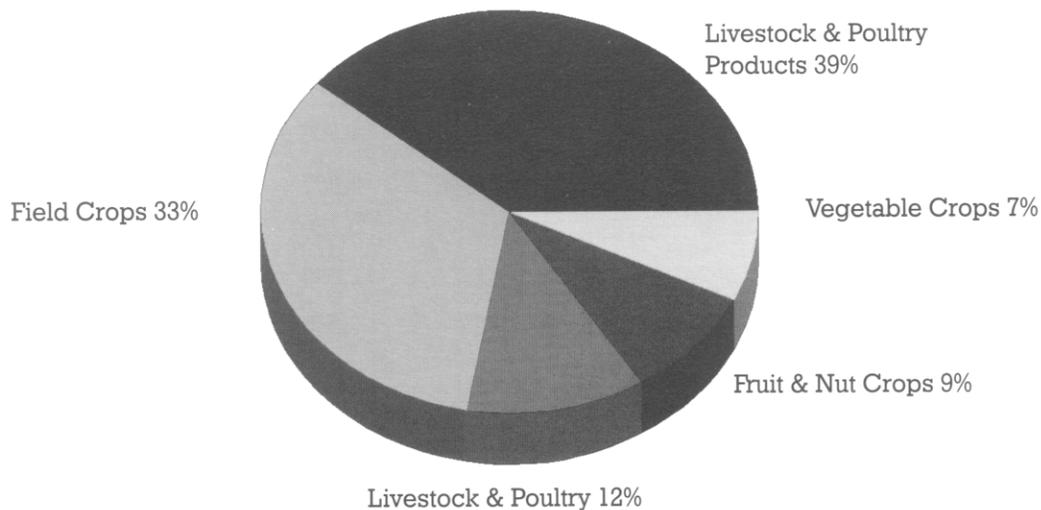


Vegetable Crops

Crop	Year	Harvested Production			Unit	Value	
		Acreage	Per Acre	Total		Per Unit	Total
Cantaloupes	2001	590	16.23	9,576	TON	\$225.00	\$2,155,000
	2000	838	16.77	14,053	TON	\$211.21	\$2,968,000
Tomatoes							
Fresh	2001	972	24.85	24,154	TON	\$180.22	\$4,353,000
	2000	431	19.10	8,232	TON	\$345.94	\$2,848,000
Processed	2001	10,000	29.81	298,100	TON	\$51.18	\$15,257,000
	2000	9,969	47.00	468,543	TON	\$40.66	\$19,051,000
Tomatoes, Total	2001	10,972					\$19,610,000
	2000	10,400					\$21,899,000
Other a/	2001	8,373					\$41,901,000
	2000	4,138					\$19,131,000
TOTAL	2001	19,935					\$63,666,000
	2000	15,376					\$43,998,000

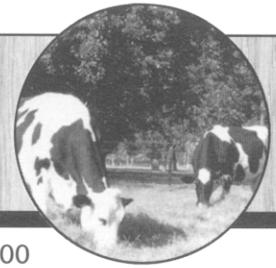
a/ Asparagus, broccoli, cabbage, carrots, cauliflower, cucumber, eggplant, fava beans, fresh garlic, fresh onions, head lettuce, misc. melons, peppers, processed garlic, processed onions, romaine lettuce, snap beans, squash, sweet corn, watermelons and zucchini

2001 Percent of Total Value



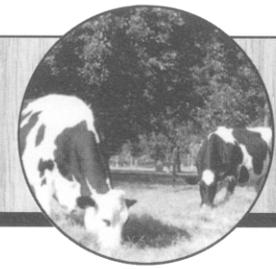
*"If people did not prefer reaping to sowing, there would not be a hungry person in the land."
Author Unknown*

Inventories of Livestock & Poultry



Item	January 1, 2001 Number of Head	January 1, 2000 Number of Head
Cattle and Calves		
All	200,000	175,000
Dairy Cows 2 Years and Over	139,000	130,000
Cattle and Calves on Feed	4,000	3,000
Other	140,000	138,000
Sheep and Lambs	13,190	12,666
Goats	2,400	2,150
Hogs and Pigs	3,200	2,000
Turkeys	496,051	481,603

Livestock & Poultry



Production

Item	Year	Number Of Head	Total Liveweight	Unit	Value	
					Per Unit	Total
Breeding Stock a/	2001					\$1,680,000
	2000					\$1,620,000
Cattle and Calves	2001	155,992	949,267	Cwt.	\$70.53	\$66,952,000
	2000	165,839	1,009,959	Cwt.	\$62.00	\$62,617,000
Sheep and Lambs	2001	13,190	17,339	Cwt.	\$68.33	\$1,185,000
	2000	12,666	15,072	Cwt.	\$84.00	\$1,266,000
Turkeys	2001	1,984,202	45,636,646	lb.	\$0.81	\$36,966,000
	2000	1,926,410	43,498,337	lb.	\$0.70	\$30,449,000
Others b/	2001					\$8,586,000
	2000					\$10,277,000
TOTAL	2001					\$115,369,000
	2000					\$106,229,000

a/ For all animals except horses

b/ Includes catfish, chickens, goats, hogs and pigs

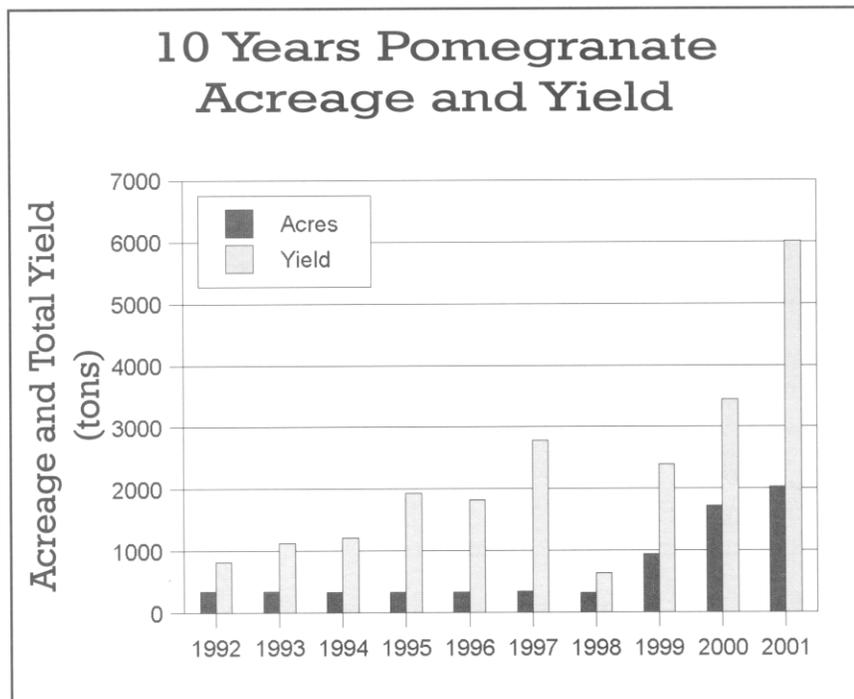
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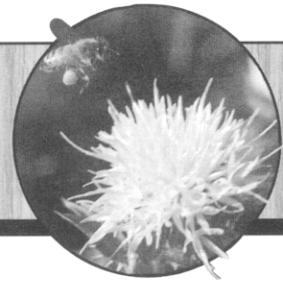
Livestock & Poultry Products

Item	Year	Total Production	Unit	Per Unit	Total
Eggs-Chicken Market	2001	3,283,400	Doz.	\$0.85	\$2,791,000
	2000	3,469,189	Doz.	\$0.70	\$2,428,000
Manure	2001	495,776	TON	\$6.00	\$2,975,000
	2000	470,258	TON	\$6.00	\$2,822,000
Milk					
Market	2001	26,333,202	Cwt.	\$13.68	\$360,238,000
	2000	25,900,325	Cwt.	\$11.27	\$291,897,000
Mfg.	2001	80,061	Cwt.	\$12.96	\$1,038,000
	2000	88,542	Cwt.	\$9.99	\$885,000
Milk, Goats	2001	17,617	Cwt.	\$31.93	\$563,000
	2000	16,995	Cwt.	\$31.24	\$531,000
Milk, Total	2001				\$361,839,000
	2000				\$293,313,000
Wool*	2001	137,176	lb.	\$0.38	\$52,000
	2000	131,726	lb.	\$0.35	\$46,000
TOTAL	2001				\$367,657,000
	2000				\$298,609,000

*Price does not include wool incentive

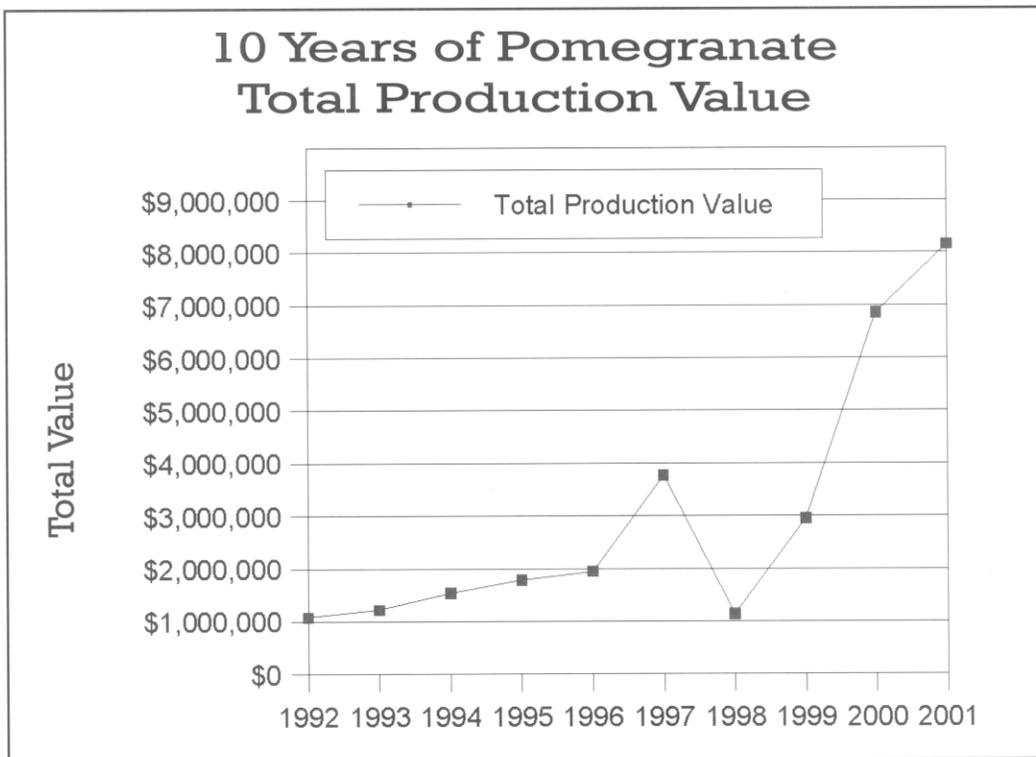


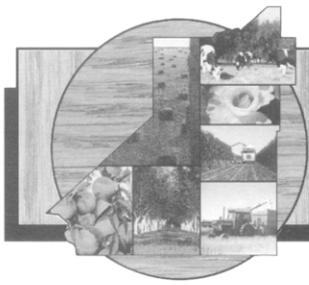
Apiary Products



Item	Year	Total Production	Unit	Per Unit	Total
Honey	2001	1,823,802	lb.	\$0.63	\$1,149,000
	2000	2,728,145	lb.	\$0.50	\$1,364,000
Beeswax	2001	30,397	lb.	\$1.10	\$33,000
	2000	45,469	lb.	\$1.20	\$55,000
Pollination					
Seed Alfalfa	2001	9,254	Colonies	\$27.00	\$250,000
	2000	28,137	Colonies	\$30.00	\$844,000
Tree Fruit a/	2001	13,429	Colonies	\$41.02	\$551,000
	2000	9,854	Colonies	\$37.17	\$366,000
Cantaloupe	2001	885	Colonies	\$16.00	\$14,000
	2000	690	Colonies	\$18.00	\$12,000
Vegetable Seed	2001	303	Colonies	\$22.00	\$7,000
	2000	293	Colonies	\$20.00	\$6,000
TOTAL	2001				\$2,004,000
	2000				\$2,647,000

a/ Almonds, apples, cherries, kiwifruit and plums



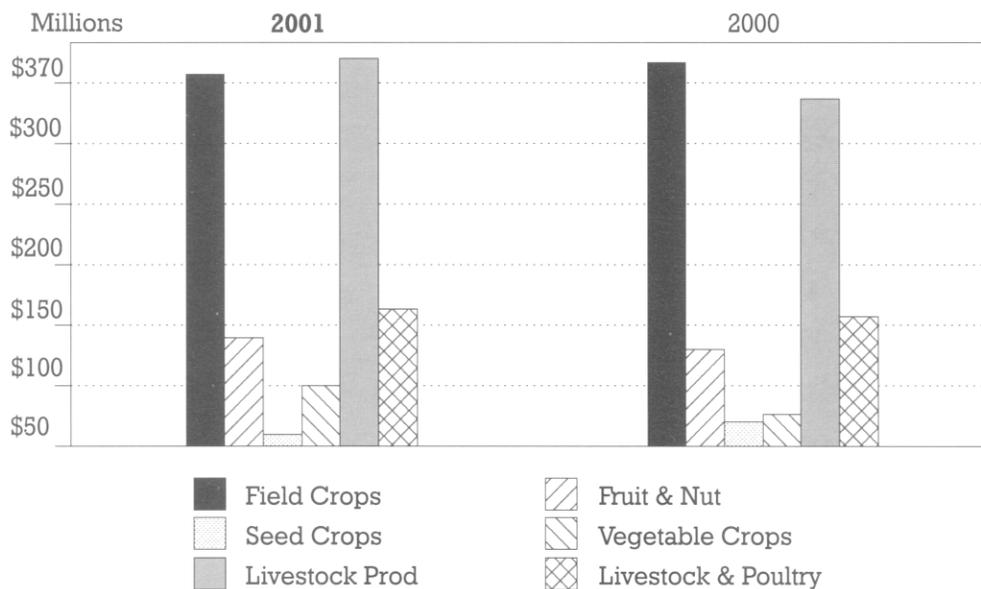


Five Year Comparison Of Acreage & Crop Values

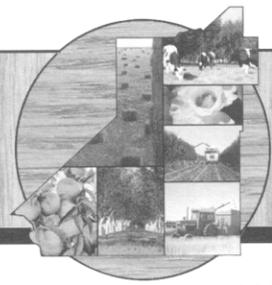
	2001	2000	1999	1998	1997
Apiary Products	2,004,000	2,647,000	4,859,000	3,673,000	4,270,000
Field Crops	308,302,000	336,361,000*	310,534,000	223,872,000	318,157,000
Acreage	594,379	641,117	609,360	533,296	568,827
Fruit and Nut Crops	89,563,000	80,223,000*	85,412,000	91,651,000	114,245,000
Acreage	34,976	30,634	29,758	29,017	28,773
Livestock and Poultry	115,369,000	106,229,000	114,247,000	112,287,000	116,111,000
Livestock and Poultry Products	367,657,000	298,609,000	322,759,000	328,725,000	283,885,000
Seed Crops	5,389,000	18,412,000	30,115,000	18,511,000	12,218,000
Acreage	5,842	24,608	28,001	30,498	19,584
Vegetable Crops	63,666,000	43,998,000	33,688,000	37,591,000	38,077,000
Acreage	19,935	15,376	11,125	14,268	11,125
TOTAL	\$951,950,000	\$886,479,000*	\$901,614,000	\$816,310,000	\$886,963,000

*Revised

2001 and 2000 Production Value Comparisons

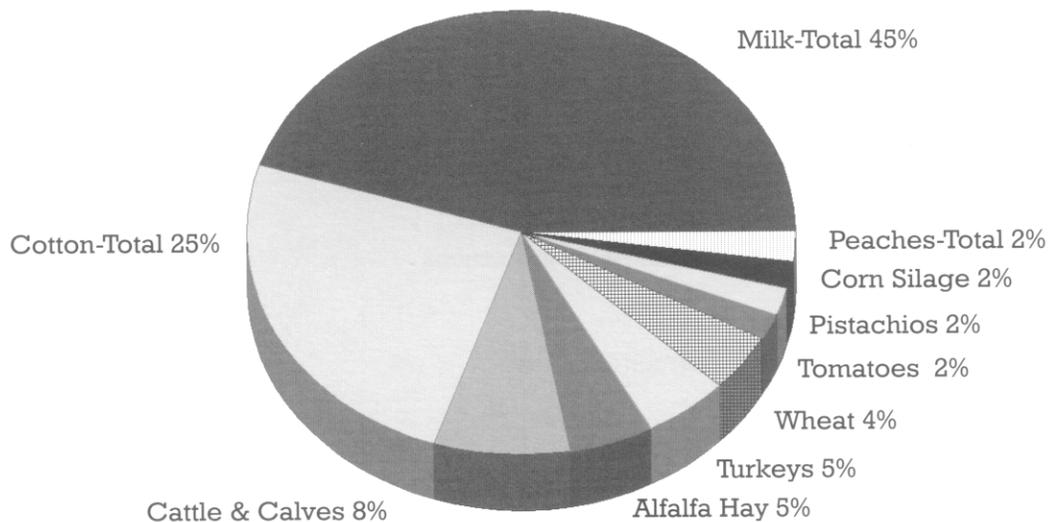


Kings County's Ten Leading Commodities

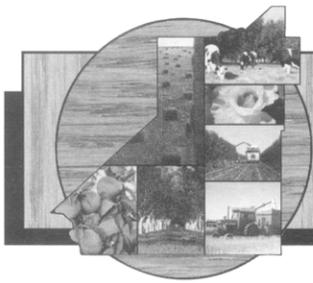


Crop	2001 Rank	2001 Dollar Value	2000 Rank	1999 Rank	1998 Rank
Milk, Total	1	\$361,839,000	1	1	1
Cotton, Total	2	\$205,707,000	2	2	2
Cattle and Calves	3	\$66,952,000	3	3	3
Alfalfa, Hay	4	\$39,028,000	4	5	5
Turkeys	5	\$36,966,000	5	4	4
Wheat	6	\$32,146,000	6	11	10
Tomatoes	7	\$19,610,000	7	9	8
Pistachios	8	\$18,271,000	11	7	9
Corn Silage	9	\$17,801,000	8	8	7
Peaches, Total	10	\$15,687,000	9	12	11
TOTAL		\$814,007,000			

Top Ten Commodities of Kings County for 2001



*"We do not inherit this land from our ancestors; we borrow it from our children."
Haida Indian Saying*



Kings County Sustainable Agricultural Report

County Biological Control

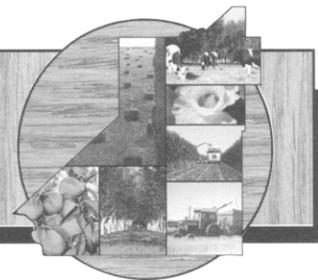
Pest	Agent/Mechanism	Scope of Program
Puncture Vine <u>Tribulus terrestris</u>	Stem Mining Weevil <u>Microlarinus lypriformis</u>	Generally Distributed
	Seed Head Weevil <u>Microlarinus lareynil</u>	Generally Distributed
Yellow Starthistle <u>Centaurea solstitialis</u>	Seed Head Weevil <u>Bangasternus orientalis</u>	2 Sites
	Gall Fly <u>Urophora sirunaseva</u>	1 Site
	Hairy Weevil <u>Eustenopus villosus</u>	3 Sites
Ash Whitefly <u>Siphoninus phillyreae</u>	Parasitic Wasp <u>Encarsia parenorea</u>	Generally Distributed
Silverleaf Whitefly <u>Bemisia argentifolii</u>	Parasitic Wasp <u>Eretmocerus sp. (M95104)</u>	6 Sites
	<u>Eretmocerus sp. (M95012)</u>	6 Sites
	<u>Eretmocerus mundus</u>	6 Sites

County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
European Corn Borer <u>Ostrinia nubilalis</u>	Railroad Corn Shipments	1,521 Inspections
Gypsy Moth <u>Lymantria dispar</u>	Household Goods Shipments	33 Inspections
Red Imported Fire Ant <u>Solenopsis invicta</u>	Residential Inspections	120 Samples
Various Pests	Truck Shipments	17,412 Inspections

Crops	Activity	Scope of Program
Export Commodities	Origin Certification	1,007 Issued
Export Seed	Field Inspections	80 Sites/9,473 Acres

Kings County Sustainable Agricultural Report



County Pest Eradication

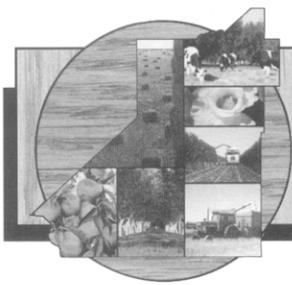
Pest	Agent/Mechanism	Scope of Program
Pink Bollworm <u>Pectinophora gossypiella</u>	Mechanical/Host Free Period	189,600 Acres
Alligatorweed <u>Alternanthera philoxeroides</u>	Visual Inspection	1 Site Treated

County Pest Detection

Pest	Number of Traps	Type of Traps
Mediterranean Fruit Fly	260	Jackson Traps
Mexican Fruit Fly	60	McPhail Traps
Oriental Fruit Fly	30	Jackson Traps
Melon Fly	30	Jackson Traps
Gypsy Moth	74	Delta Traps
Japanese Beetle	70	Japanese Beetle Traps
European Corn Borer	15	Phercon 1c Traps
European Pine Shoot Moth	6	Phercon II Traps
Khapra Beetle	250	Trogo Traps
Western Cherry Fruit Fly	12	Adult Monitoring Traps
Apple Maggot	74	Adult Monitoring Traps
Olive Fruit Fly	36	Adult Monitoring Traps
Glassy-Winged Sharpshooter	354	Adult Monitoring Traps

Total 1,271





Exported Commodities

Commodities Exported From Kings County

Alfalfa Seed
Almonds
Apples
Asparagus Seed
Calcium Salts
Cherries
Cotton Lint
Cotton Seed

Garlic
Garlic Seed
Grapes
Kiwifruit
Lettuce
Nectarines
Onions

Onion Seed
Peaches
Pistachios
Plums
Pomegranates
Prunes
Safflower Seed
Wheat Seed

Export Trade Partners of Kings County in 2001

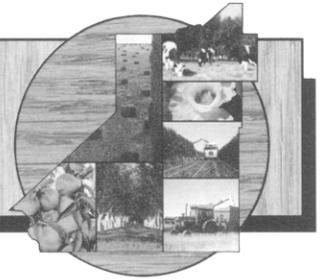
Argentina
Australia
Austria
Bangladesh
Belgium
Brazil
Bulgaria
Canada
China
Colombia
Costa Rica
Czechoslovakia
Dominican Republic
Ecuador
Egypt
El Salvador
France

Germany
Greece
Guatemala
Honduras
Hong Kong
Hungary
India
Indonesia
Italy
Japan
Korea
Luxembourg
Malaysia
Mexico
Nepal
New Zealand

Panama
Paraguay
Peru
Philippines
Portugal
Puerto Rico
Saudi Arabia
Singapore
Spain
Sweden
Switzerland
Taiwan
Thailand
Turkey
United Kingdom
Venezuela
Vietnam

"Whether our work is art or science or daily work of society, it is only the farm in which we explore our experiences which is different." Jacob Bronowski

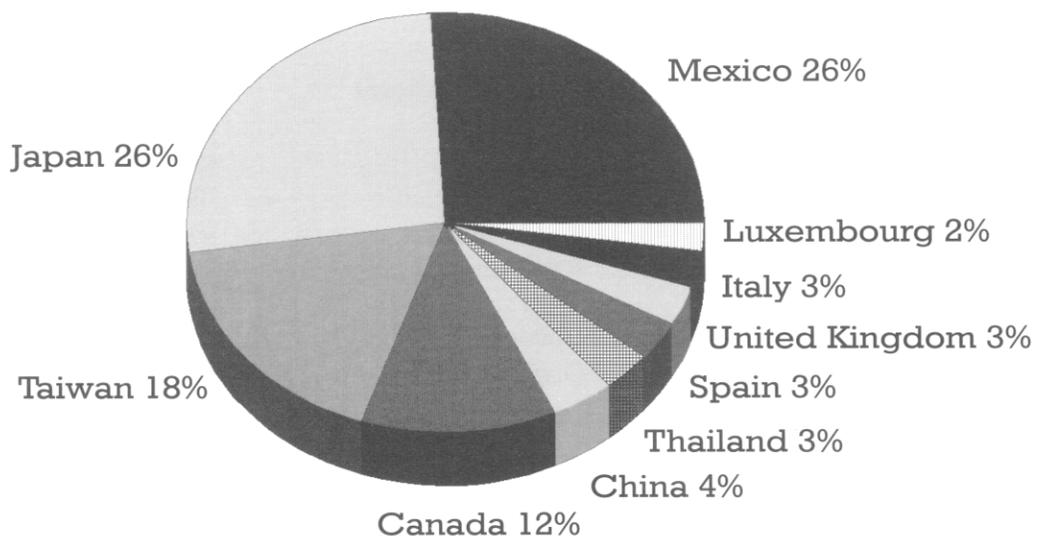
Kings County Trade Partners

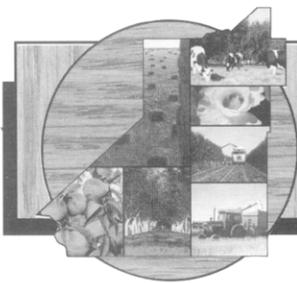


Export Trade Partners



Top Ten Countries that Received Products from Kings County for 2001





Agricultural Quick Facts

- 84% of the land area in Kings County is farmland.
- Kings County has the most commercial acreage of pomegranates in the U.S.
- Each farmer supplies enough food, fiber and flowers for 129 people, 97 in the U.S. and 32 in foreign countries.
- If California were a country, it would be the 6th leading agricultural exporter in the world, outpacing China, Canada, Brazil and Australia.
- It is estimated that U.S. agricultural land provides habitat for 75% of the nation's wildlife.
- The most prolific milk producing cow the world has ever known, No. 289, lived in Kings County for 19 years and gave 54,070 gallons of milk - enough to fill more than eight 60-foot tanker trucks.

Certified Farmer's Market

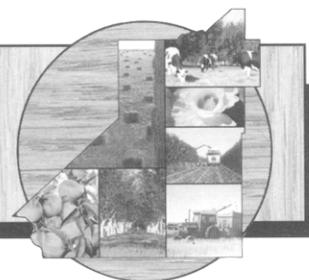
Thursday Night Market Place
 109 W. Seventh Street
 Hanford, CA 93230
 Thursdays 5:30 PM. to 8:30 PM.
 May thru September - Irwin Street

Kings County Produce Normally Available At The Farmer's Market

Almonds	Cherry Tomatoes	Peanuts
Apples	Chili Peppers	Pears
Apricots	Cucumbers	Peaches
Artichokes	Eggplant	Persimmons
Asparagus	Figs	Pomegranates
Bell Peppers	Fresh Cut Flowers	Plums
Boysenberries	Garlic	Potatoes
Blueberries	Grapes	Squash
Broccoli	Honey	Strawberries
Beans	Mixed Melons	Sweet Corn
Cantaloupe	Nectarines	Tomatoes
Carrots	Okra	Walnuts
Cherries	Olives	Watermelon
	Onions	

To Learn More About Kings County Agriculture,
 Visit Our Web Site @<http://www.kingsagcomm.com>

Land Use



Surrounding Counties	2000 Rank	2000 Gross Value*	Total County Area Acres	Top Commodity	2000 Value	Acres or Number of Head
Fresno	1	\$3,418,625,000	4,080,000	Grapes	\$642,385,000	225,276
Tulare	2	\$3,066,540,200	3,110,400	Milk	\$857,214,000	357,950
Monterey	3	\$2,441,832,450	2,127,359	Lettuce	\$472,503,000	57,800
Kern	4	\$2,208,541,100	5,166,720	Grapes	\$438,366,000	85,971
Kings	12	\$ 886,479,000	890,280	Milk	\$293,313,000	120,088

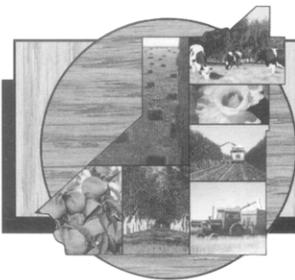
*Gross Value does not include timber

Kings County Land Use Summary

Land Use Category	1998		2000		Acre Change
	Acres	Percent	Acres	Percent	
Prime Farmland	142,529	16	142,665	16	136
Farmland of Statewide Importance	429,172	48	433,245	48	4,073
Unique Farmland	24,494	3	24,740	3	246
Farmland of Local Importance	6,511	1	6,851	1	340
Grazing Land	244,175	27	238,301	27	-5,874
Urban and Built-Up Land	28,244	3	28,939	3	695
Other Land	15,595	2	15,979	2	384
Water Area	66	0	66	0	0
Total Acres	890,786		890,786		

From the California Department of Conservation.

The face of California farming is not that of a huge corporation. By contrast, the heart of California agriculture is in the thousands of family owned and operated farms. The average size of a U.S. farm is 469 acres, compared to California's average of 357 acres. Presently, the farmers in this state are using slightly less water than they did 30 years ago, and they are producing 60 percent more crops. California farmers are true stewards of the land and its resources; on average more than 90 percent of their water is reused. These statistics may come as no surprise to many California farmers who are on the cutting edge of agricultural technology. California farmers are using better seeds, highly beneficial soil amendments, diversified pest control techniques, and greater irrigation technology. These advances have allowed all of California's farmers, from corporate to family owned, to compete in the world market.



Kings County General Information

County Seat	Hanford
County Population (2001)	136,107
Population per Square Mile	97.85
Total Assessed Value (2001)	\$4,630,276,492
Land Area (Square Miles)	1,391
Total Acres	890,545
Total Harvested Crop Acreage (2001)	655,132
Foreign Ownership (2001)	4,009 (acres)
Total Farmland (Acres - 2001)	749,100
Public Ownership of Land (Acres - 2000)	
Federal	27,313.76
State	4,015.99
County	1,421.61
Local Agencies	3,587.01

Agricultural production ranked 12th (based on 2000 figures) among California counties and 18th among U.S. counties (based on 1997 total value).

Railroads: Burlington Northern & Santa Fe Railroad and San Joaquin Valley Railroad.

Major Roads: Interstate 5, Highway 41, Highway 43 and Highway 198.

Water Sources: Kings River, Tule River, Kaweah River, Kern River and California Aqueduct.

Elevation: The highest point is King Mountain at 3,473 feet above sea level, and the lowest point is the Tulare Lake Basin at 175 feet above sea level.

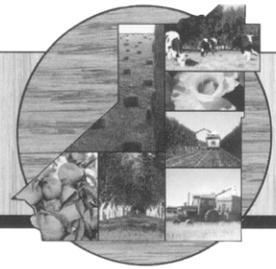
Average length of growing season: 257 days.

Average date of last spring frost: March 3.

Average climate: 196 sunny clear days, 74 partly cloudy days and 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
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	1.79	2.55	2.15	0.89	0.16	9.13
1996-97	0.04	0.00	0.00	0.00	1.65	0.87	3.03	3.02	0.12	0.21	0.00	0.00	8.94
1997-98	0.00	0.00	0.00	0.06	0.09	1.96	1.80	2.00	4.05	2.60	1.68	1.31	15.55
1998-99	0.44	0.00	0.00	0.00	0.68	0.63	0.64	3.01	0.56	0.43	1.37	0.00	7.76
1999-2000	0.00	0.00	0.00	0.00	0.15	0.00	0.00	1.08	3.28	1.59	0.97	0.48	7.55
2000-2001	0.35	0.00	0.00	0.03	1.31	0.00	0.03	1.98	1.48	1.24	1.12	0.00	7.54
2001-2002	0.00	0.09	0.00	0.00	0.18	1.84	1.99						
AVERAGE	0.06	0.01	0.03	0.20	0.35	0.91	1.14	1.63	1.51	1.43	0.75	0.23	8.16
50 YEAR AVERAGE RAINFALL													8.16