California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Kings County

2005-2009

Agricultural Crop Report

Kings County, California 2005

Asparagus - the "Food of Kings"

For nearly a quarter of a century asparagus has been a constant part of the agricultural landscape in Kings County. Past crop reports compiled by the Agricultural Commissioner's office indicate asparagus was first commercially grown in 1952. Through the 1960's and 70's its appearance in the crop report was sporadic. Since 1981 the cultivation of asparagus has been sustained annually in Kings County. Like most crops cultivated in the Central San Joaquin Valley, asparagus is believed to have originated in the eastern portion of the Mediterranean. Archeologists have found traces of the wild type of asparagus in Africa and believe it was cultivated in Egypt as well.

Many, plants grown in these regions of the world, home to ancient civilizations, have original uses in Greek medicine. Asparagus is no exception. The Greek physician Hippocrates typically used the plant to treat gastrointestinal maladies, though not everyone consumed it to cure an ailment. The Romans consumed the plant for the taste and enjoyment. They enjoyed it so much they were the first civilization to preserve it by freezing it in the snowline regions of the Alps. Roman chariot runners would take the asparagus from the Tiber River, all the way to the Alps, and kept it there until the Feast of Epicurus. The Roman emperors had special fleets on hand to gather and deliver the best spears in the empire. Rome's conquests throughout Europe lead to the propogation of aspargus in this region. During the 16th century it was primarily consumed by members of royalty. In the 17th century, during the reign of Louis XIV, it was grown in France to appease his appetite. It was said that he was fanatical about the vegetable, so much so that he had greenhouses specifically built to grow asparagus year-round just for him. Asparagus was called the "Food of Kings" because of the exclusivity of just royalty eating it. Beginning in the 18th century asparagus became available to the masses and recipes for the delicacy began showing up in cookbooks.

The Dutch and English colonists were the first to bring asparagus to the new world and struggled to grow the crop in the cooler climates of the northeast. In 1850 asparagus was brought to California and cultivated in the rich peat of the delta soils at the junction of the Sacramento River and San Joaquin River. Here asparagus found a foothold in the agricultural landscape of California. Asparagus would later make its way into commercial production in the central region of the San Joaquin Valley and into Kings County by 1952.

The asparagus plant is a member of the lily family. It is a perennial plant that takes approximately 3 years for the crowns to develop and begin to producing shoots. Once a plant is in production, it can produce shoots for up to 20 years. In California, asparagus is generally harvested in the early spring through April and even into May, as the weather allows. This is typical for Kings County as well. There are different types of asparagus. Most common is the green spears that are usually available fresh, when in season, or canned and available year round. Consumers can also find white asparagus which is cultivated and harvested under special circumstances that keep the tender shoots from exposure to sunlight. The sunlight produces chlorophyll which gives plants their green color. Depriving asparagus of sunlight yields the white shoots.

Regardless of your preference … know that this "Food of Kings" literally lives up to its name, by having a rich history of being grown in the County of Kings!

Department of Agriculture / Measurement Standards

TIM NISWANDER
Agricultural Commissioner
Sealer of Weights and Measures

April 11, 2006

Secretary A. G. Kawamura
California Department of Food and Agriculture
And
The Honorable Board of Supervisors
County of Kings, California

It is my privilege to submit to you, the 2005 Annual Agricultural Crop Report for the County of Kings. This report contains statistical information on the acreage, yield, and gross values in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code. The numbers in this report are only gross values and do not represent net income or loss to producers.

The gross value of all agricultural crops and products produced during 2005 in Kings County is $1,407,091,000. This represents an increase of $115,001,000 (8.9%) from the 2004 value.

Fruit and Nut Crops received the highest gain of $72,573,000 (42%) from increased production coupled with increased acreage. Per unit increases lead to a $476,000 (18.9%) increase to Apiary Products; Seed Crops experienced an increase of $1,228,000 (17.3%) from increased acreage; Livestock and Poultry increased by $28,702,000 (16.5%) attributed to increased inventory and higher market prices.

The county's leading commodity remains Milk, with a value of $455,897,000 in 2005. This represents an increase of $2,012,000 (0.44%), due to volume increases.

My thanks and appreciation are extended to the many producers and organizations who contributed information for this report. This report is produced from the hard work of Joan Vernon, Ag & Standards Inspector III, Robbie Coelho, Ag & Standards Inspector I, Brandi Martin, Ag & Standards Inspector I, Janet Eckles, Agricultural and Standards Aide, Roberta Spomer, Agricultural and Standards Aide and Ruben Arroyo, Deputy Ag Commissioner/Sealer.

Respectfully yours,

Tim Niswander

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County Administration
Ag Commissioner - Sealer Personnel

Kings County Board of Supervisors

Joe A. Neves ..... District I **Jon N. Rachford ..... District II**

Tony T. Oliveira ..... District III **Tony Barba ..... District IV**

Alene L. Taylor ..... District V

County Administrative Officer

Larry Spikes

Agricultural Commissioner/Sealer of Weights and Measures

Tim Niswander

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Vince Evans **Joan Vernon**

Agricultural Computer Systems Coordinator

Lynda Schrumpf

Agricultural and Standards Aides

Janet Eckles **Roberta Spomer**

Clerical

Diane O'Daniel

Lynda Gabbard **Linda Lavars** **Amber Rambonga**

Carey Smith

Field Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Beans, Dry	**2005**	**2,267**	**1.58**	**3,582**	**TON**	**$ 616.00**	**$ 2,207,000**
	2004	1,783	1.10	1,961	TON	$634.00	$ 1,243,000
Corn Silage	**2005**	**65,502**	**25.30**	**1,657,201**	**TON**	**$27.30**	**$ 45,242,000**
	2004	55,233	23.22	1,282,510	TON	$25.00	$ 32,063,000
Cotton Acala-Lint a/	**2005**	**107,229**	**2.64**	**283,085**	**495 lbs.**	**$367.00**	**$ 103,892,000**
	2004	88,890	3.06	272,003	495 lbs.	$359.00	$ 97,649,000
Acala- Seed	**2005**			**122,553**	**TON**	**$175.00**	**$ 21,447,000**
	2004			112,354	TON	$170.00	$ 19,100,000
Cotton Upland	**2005**	**16,730**	**2.72**	**45,506**	**495 lbs.**	**$361.00**	**$ 16,428,000**
Non- Approved -Lint	2004	15,696	2.99	46,931	495 lbs.	$369.00	$ 17,318,000
Cotton Upland	**2005**			**46,904**	**TON**	**$175.00**	**$ 8,208,000**
Non- Approved Seed	2004			19,382	TON	$170.00	$ 3,295,000
Cotton Pima- Lint	**2005**	**92,250**	**1.46**	**134,685**	**495 lbs.**	**$591.00**	**$ 79,599,000**
	2004	8,932	2.89	25,813	495 lbs.	$465.00	$ 12,003,000
Pima- Seed	**2005**			**58,454**	**TON**	**$140.00**	**$ 8,184,000**
	2004			10,665	TON	$120.00	$ 1,280,000
Cotton Pima	**2005**	**7,645**	**2.01**	**15,366**	**495 lbs.**	**$615.00**	**$ 9,450,000**
Non- Approved - Lint	2004	70,188	2.63	184,594	495 lbs.	$508.00	$ 93,774,000
Cotton Pima	**2005**			**15,833**	**TON**	**$140.00**	**$ 2,217,000**
Non-Approved - Seed	2004			76,116	TON	$120.00	$ 9,134,000
Hay Alfalfa	**2005**	**54,887**	**7.20**	**395,186**	**TON**	**$137.00**	**$ 54,140,000**
	2004	59,575	7.52	448,004	TON	$113.00	$ 50,624,000

a/ 495 lbs. = 1 bale

Field Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Hay, Oat	**2005**	**6,695**	**2.58**	**17,273**	**TON**	**$88.40**	**$ 1,527,000**
	2004	6,132	3.51	21,523	TON	$87.00	$ 1,873,000
Pasture Irrigated	**2005**	**11,000**				**$135.00**	**$ 1,485,000**
	2004	11,000				$135.00	$ 1,485,000
Pasture Range	**2005**	**189,237**				**$10.00**	**$ 1,892,000**
	2004	189,237				$10.00	$ 1,892,000
Alfalfa Stubble	**2005**	**35,420**				**$20.00**	**$ 708,000**
	2004	38,500				$20.00	$ 770,000
Sorghum Silage	**2005**	**783**	**15.33**	**12,003**	**TON**	**$21.10**	**$ 253,000**
	2004	694	7.25	5,032	TON	$20.00	$ 101,000
Sugar Beets	**2005**	**1,538**	**30.92**	**47,555**	**TON**	**$35.00**	**$ 1,664,000**
	2004	2,783	39.95	111,181	TON	$31.00	$ 3,447,000
Wheat Grain	**2005**	**42,909**	**1.63**	**69,942**	**TON**	**$128.00**	**$ 8,953,000**
	2004	60,741	2.65	160,964	TON	$134.00	$ 21,569,000
Wheat Silage	**2005**	**40,675**	**13.92**	**566,196**	**TON**	**$22.30**	**$ 12,626,000**
	2004	25,756	13.80	355,433	TON	$21.00	$ 7,464,000
Others c/	**2005**	**35,564**					**$ 1,667,000**
	2004	63,989					$ 3,467,000
TOTAL	**2005**	**710,331**					**$ 381,789,000**
	2004	699,129					$ 379,551,000

c/ Barley Grain, Barley Silage, Corn Grain, Forage, Ryegrass Hay, Safflower, Screenings, Sudan Hay, Sudan Silage, & Wheat Straw.

" Advances in medicine and agriculture have saved vastly more lives than have been lost in all the wars in history." ~Dr. Carl Sagan

Fruit & Nut Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Almonds	**2005**	**9,275**	**0.57**	**5,287**	**TON**	**$5,400.00**	**$28,550,000**
	2004	9,434	0.66	6,226	TON	$3,485.00	$21,698,000
Almond Hulls	**2005**			**5,379**	**TON**	**$94.50**	**$508,000**
	2004			6,811	TON	$95.00	$647,000
Apricots Fresh	**2005**	**752**	**4.27**	**3,211**	**TON**	**$1,070.00**	**$3,436,000**
	2004	811	8.64	7,007	TON	$861.00	$6,033,000
Firewood	**2005**			**1,400**	**CORD**	**$120.00**	**$168,000**
	2004			1,465	CORD	$125.00	$183,000
Grapes Raisin Varieties	**2005**						
Fresh, Table							
Dried				**5,218**	**TON**	**$1,150.00**	**$6,001,000**
Crushed				**695**	**TON**	**$103.00**	**$71,600**
Canned				**548**	**TON**	**$250.00**	**$137,000**
Total		**2,097**		**6,461**	**TON**		**$6,210,000**
Grapes Raisin Varieties	2004						
Fresh, Table				1,918	TON	$873.00	$1,674,000
Dried				4,792	TON	$1,092.00	$5,233,000
Crushed				1,206	TON	$201.00	$242,000
Canned				672	TON	$247.00	$166,000
Total		1,894		8,588	TON		
$7,315,000							
Grapes Table Varieties							
Crushed	**2005**						
	2004	140	8.76	1,226	TON	$205.00	$251,000
Fresh	**2005**	**803**	**9.50**	**7,629**	**TON**	**$815.00**	**$6,218,000**
	2004	751	8.62	6,474	TON	$873.00	$5,652,000

Fruit & Nut Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Wine Varieties Total	**2005**	**3,314**	**13.81**	**45,766**	**TON**	**$241.00**	**$11,030,000**
	2004	2,469	11.59	28,616	TON	$240.00	$6,868,000
Grapes Total	**2005**	**6,214**			**TON**		**$23,458,000**
	2004	525			TON		$20,086,000
Nectarines	**2005**	**2,518**	**8.34**	**21,000**	**TON**	**$944.00**	**$19,824,000**
	2004	2,408	6.82	16,423	TON	$815.00	$13,385,000
Peaches Clings	**2005**	**1,600**	**15.44**	**24,704**	**TON**	**$247.00**	**$6,102,000**
	2004	645	16.89	10,894	TON	$245.00	$2,669,000
Peaches Freestone	**2005**	**4,014**	**7.49**	**30,065**	**TON**	**$918.00**	**$27,600,000**
	2004	3,118	6.85	21,358	TON	$819.00	$17,492,000
Peaches Freezer	**2005**	**536**	**18.86**	**10,109**	**TON**	**$232.00**	**$2,345,000**
	2004	492	17.29	8,507	TON	$215.00	$1,829,000
Peaches Total	**2005**	**6,150**					**$36,047,000**
	2004	4,255					$21,990,000
Pistachios	**2005**	**9,690**	**1.86**	**18,023**	**TON**	**$4,680.00**	**$84,348,000**
	2004	9,898	1.09	10,789	TON	$2,838.00	$30,619,000
Plums	**2005**	**1,918**	**5.79**	**11,105**	**TON**	**$917.00**	**$10,183,000**
	2004	2,396	7.83	18,761	TON	$1,046.00	$19,624,000
Walnuts	**2005**	**8,776**	**1.92**	**16,850**	**TON**	**$1,600.00**	**$26,960,000**
	2004	9,695	1.71	16,578	TON	$1,349.00	$22,364,000
Others a/	**2005**	**3,908**					**$11,883,000**
	2004	4,424					$16,163,000
TOTAL	**2005**	**49,201**					**$245,365,000**
	2004	48,575					$172,792,000

a/ Includes Almond Shells, Apples, Apples Proc., Asian Pears, Cherries, Jojobas, Kiwifruit, Oranges, Pecans, Persimmons, Pluots, Pomegranates, Quince, and Strawberries.

Vegetable Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Garlic Processed	**2005**	**3,418**	**8.45**	**28882**	**TON**	**135.00**	**$ 3,899,000**
	2004	3,158	6.65	21001	TON	132.00	$ 2,772,000
Melons, All a/	**2005**	**935**	**13.41**	**12538**	**TON**	**337.00**	**$ 4,225,000**
	2004	877	17.17	15,058	TON	260.00	$ 3,915,000
Tomatoes Processed	**2005**	**21,889**	**45.20**	**989,383**	**TON**	**50.00**	**$ 49,469,000**
	2004	20,309	43.13	875,927	TON	51.00	$ 44,672,000
Other b/	**2005**	**5,355**					**$ 45,787,000**
	2004	7,880					$ 45,840,000
TOTAL	**2005**	**31,597**					**$ 103,380,000**
	2004	32,224					$ 97,199,000

a/ Includes Cantaloupes. Specialty Melons, & Watermelon.
b/ Asparagus, Broccoli, Carrots, Cauliflower, Eggplant, Fresh Tomatoes, Peppers, & Onions Processsed.

Seed Crops

Crop	Year	Harvested Acreage	Total
Others a/	**2005**	**9,164**	**$8,340,000**
	2004	6,694	$7,112,000
TOTAL	**2005**	**9,164**	**$8,340,000**
	2004	6,694	$7,112,000

a/ Alfalfa Certified, Alfalfa Non-Certified, Aspargus, Barley Certified, Barley Non-Certified, Cotton Certified, Endive, Lettuce, Onion, & Wheat Certified.

Inventories of Livestock & Poultry

Item	January 1, 2005 Number of Head	January 1, 2004 Number of Head
Cattle and Calves		
All	**285,000**	274,000
Dairy Cows 2 Years and Over	**156,000**	150,000
Cattle and Calves on Feed	**8,000**	5,000
Other	**147,000**	145,000
Sheep and Lambs	**10,196**	10,872
Goats	**5,750**	2,600
Hogs and Pigs	**1,845**	1,400
Turkeys	**515,487**	476,326
Ducks	**1,700**	1,700

Livestock & Poultry

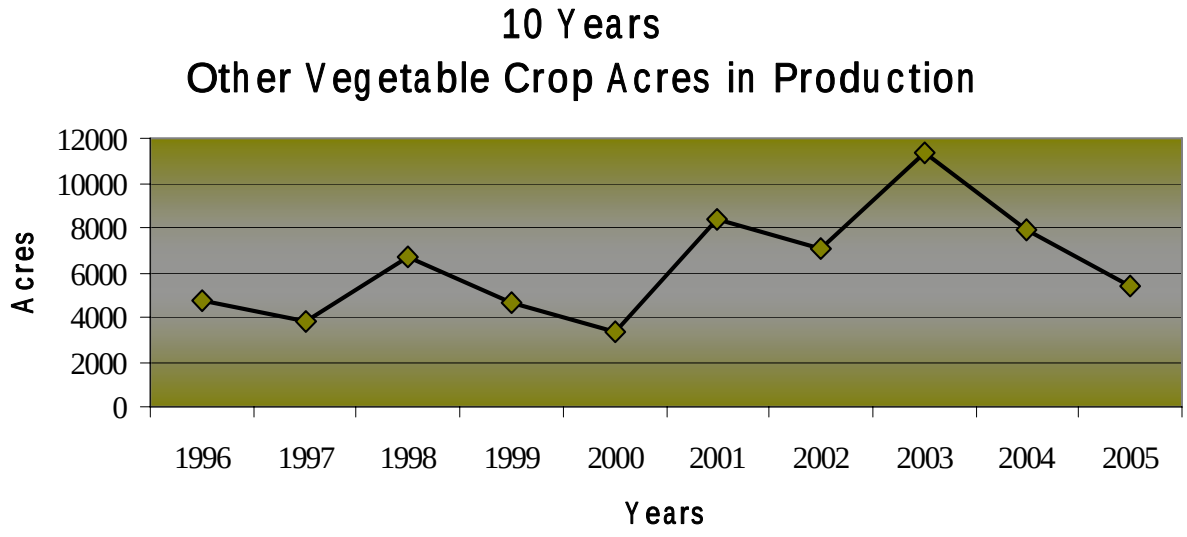
Item	Year	Number Of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle and Calves*	**2005**	**207,056**	**1,552,961**	**Cwt.**	**$114.81**	**$178,295,000**
	2004	211,791	1,289,466	Cwt.	$99.00	$129,165,000
Sheep and Lambs	**2005**	**10,196**	**11,994**	**Cwt.**	**$110.42**	**$1,324,000**
	2004	10,872	12,027	Cwt.	$104.00	$1,251,000
Turkeys	**2005**	**2,570,806**	**62,889,373**	**lb.**	**$0.35**	**$21,752,000**
	2004	1,905,305	42,564,514	lb.	$0.42	$17,877,000
Others a/	**2005**					**$863,000**
	2004					$25,239,000
TOTAL	**2005**					**$202,234,000**
	2004					$173,532,000

* Includes Breeding Stock Value in Total, 2004 and 2005.
a/ Includes Chickens, Goats, Ducks, Hogs & Pigs.

Livestock & Poultry Products

Item	Year	Production	Unit	Value Per Unit	Total
Eggs- Chicken Market	**2005**	**2,454,264**	**Doz.**	**$0.88**	**$2,160,000**
	2004	2,522,010	Doz.	$0.88	$2,219,000
Manure	**2005**	**957,705**	**TON**	**$5.10**	**$4,884,000**
	2004	537,455	TON	$6.00	$3,225,000
Milk Market	**2005**	**32,250,532**	**Cwt.**	**$13.80**	**$445,057,000**
	2004	30,853,465	Cwt.	$14.58	$449,844,000
Milk Mfg.	**2005**	**684,354**	**Cwt.**	**$14.80**	**$10,128,000**
	2004	215,287	Cwt.	$15.20	$3,272,000
Milk- Goats	**2005**	**21,128**	**Cwt.**	**$33.70**	**$712,000**
	2004	24,631	Cwt.	$31.24	$769,000
Milk Total	**2005**	**32,956,014**	**Cwt.**		**$455,897,000**
	2004	31,093,383	Cwt.		$453,885,000
Wool*	**2005**	**69,027**	**lb.**	**$0.70**	**$48,300**
	2004	73,603	lb.	$0.78	$57,000
TOTAL	**2005**				**$462,989,000**
	2004				$459,386,000

*Price does not include wool incentive.



Apiary Products

Item	Year	Total Production	Unit	Value Per Unit	Total
Honey	**2005**	**502,690**	**lb.**	**$0.71**	**$357,000**
	2004	778,066	lb.	$0.96	$747,000
Beeswax	**2005**	**36,830**	**lb.**	**$1.12**	**$41,200**
	2004	21,261	lb.	$1.32	$28,000
Seed Alfalfa	**2005**	**17,952**	**Colonies**	**$35.30**	**$634,000**
	2004	10,869	Colonies	$32.00	$348,000
Tree Fruit a/	**2005**	**26,353**	**Colonies**	**$73.40**	**$1,934,000**
	2004	29,828	Colonies	$46.00	$1,372,000
Melons	**2005**	**935**	**Colonies**	**$26.50**	**$24,800**
	2004	1,271	Colonies	$16.00	$20,000
Vegetable Seed	**2005**	**58**	**Colonies**	**$45.00**	**$2,610**
	2004	108	Colonies	$26.00	$3,000
TOTAL	**2005**				**$2,994,000**
	2004				$2,518,000

a/ Almonds, Apricot, Cherries, Kiwi, and Plums.

Agricultural Quick Facts

The five leading counties in total milk production for 2005, in rankinkg order, were: Tulare 26%; Merced 14%; Stanislaus 10%; Kings 9%; and Kern 8%. These five counties accounted for 67% of California's total market milk.

If California were a country, it would be the 6th leading agricultural exporter in the world, outpacing China, Canada, Brazil and Australia.

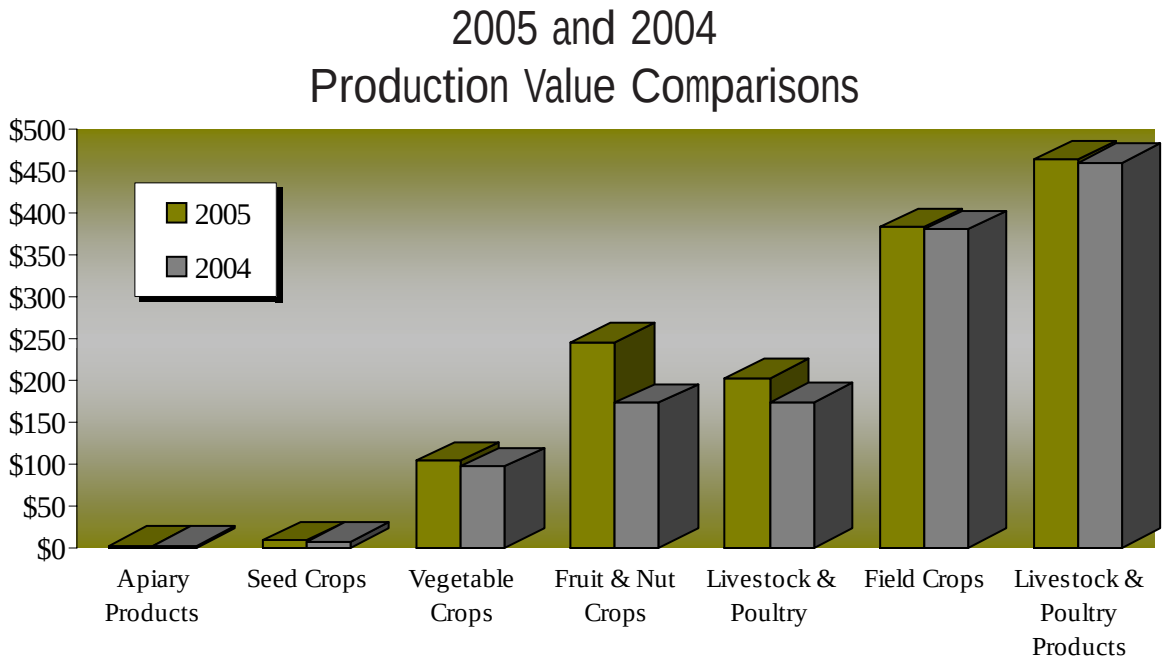
The average size of farms increased from 327 acres in 1997 to 347 acres in 2002.

The most prolific milk producing cow the world has ever known, No. 289, lived in this county for 19 years and gave 54,070 gallons of milk - enough to fill more than eight 60-foot tanker trucks.

5 Year Comparison Of Acreage & Crop Values

	2005	2004	2003	2002	2001
Apiary Products	**$2,994,000**	$2,518,000	$3,026,000	$2,531,000	$2,004,000
Field Crops	**$381,789,000**	$379,551,000	$313,559,000	$326,4741,000	$308,302,000
Acreage	**710,331**	699,129	722,423	687,894	5 94,379
Fruit and Nut Crops	**$245,365,000**	$172,792,000	$152,269,000	$145,624, 000	$89,563,000
Acreage	**49,201**	48,575	*44,094	2,970	34,976
Livestock and Poultry	**$202,234,000**	$173,532,000	$163,217,000	$104,201,000	$115,369,000
Livestock and Poultry Products	**$462,989,000**	$459,386,000	$331,393,000	$309,252,000	$367,657,000
Seed Crops	**$8,340,000**	$7,112,000	$2,581,000	$5,617,000	$5,389,000
Acreage	**9,164**	6,694	5,213	6,572	5,842
Vegetable Crops	**$103,380,000**	$97,199,000	$170,921,000	$129,841,000	$63,666,000
Acreage	**31,597**	32,224	31,187	*24,296	19,935
TOTAL	**$1,407,091,000**	$1,292,090,000	$1,136,966,000	$714,555,000	$ 951,950,000

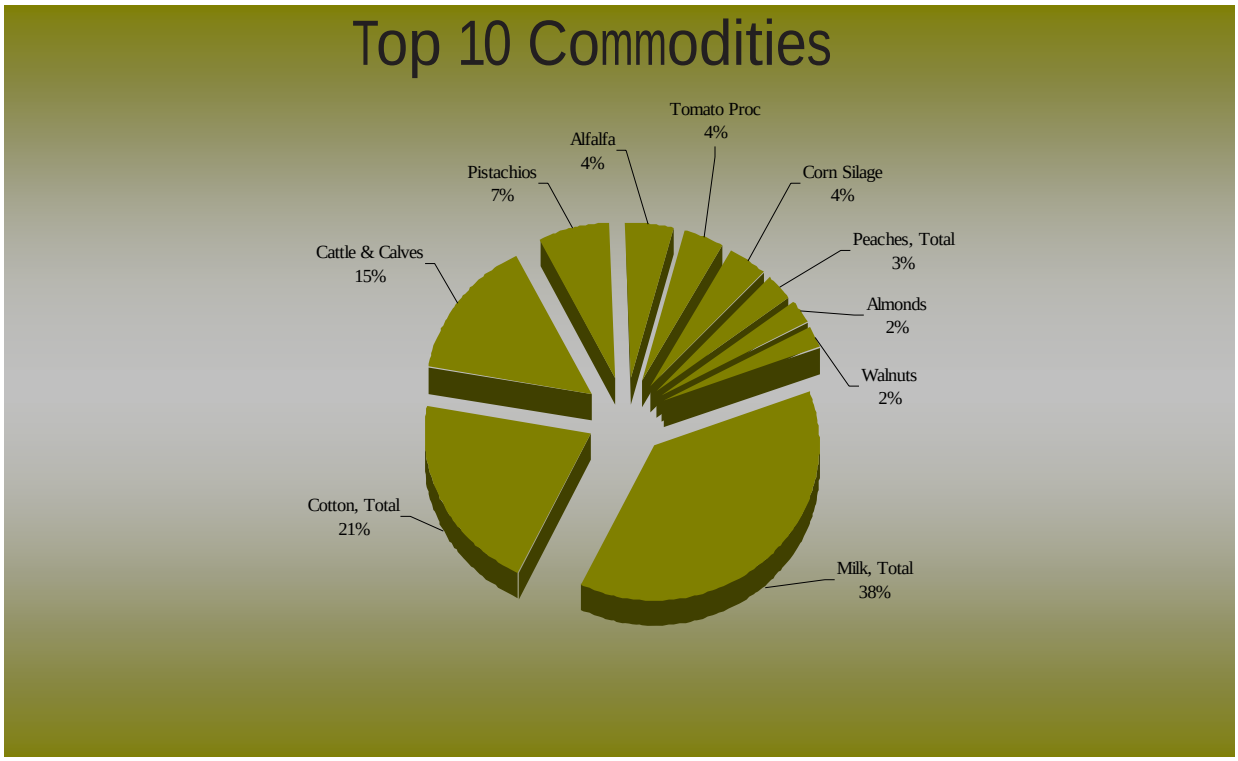
* Revised



"Little ol' boy in the Panhandle told me the other day you can still make a small fortune in agriculture Problem is, you got to start with a large one." ~Jim Hightower~

Kings County's 10 Leading Commodities

Crop	2005 Rank	Dollar Value	2004 Rank	2003 Rank
Milk, Total	**1**	**$455,897,000**	**1**	**1**
Cotton, Total	**2**	**$249,741,000**	**2**	**2**
Cattle and Calves	**3**	**$178,295,000**	**3**	**3**
Pistachios	**4**	**$84,348,000**	**7**	**5**
Alfalfa	**5**	**$54,140,000**	**4**	**4**
Tomatoes, Proc.	**6**	**$49,469,000**	**5**	**7**
Corn Silage	**7**	**$45,242,000**	**6**	**8**
Peaches, Total	**8**	**$36,047,000**	**9**	**10**
Almonds	**9**	**$28,550,000**	**10**	**12**
Walnuts	**10**	**$26,960,000**	**8***	**11**
*Revised	**Total**	**$1,208,689,000**		



"I know of no other pursuit in life in which more real and important services can be rendered to any country than by improving its agriculture, its breed of useful animals, and other branches of a husbandman's." ~George Washington~

County Biological Control

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

County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
European Corn Borer	Railroad Corn	
Ostrinia nubilalis	Shipments	80 Inspections
Gypsy Moth	Household Goods	555 Inspections
Lymantria dispar	Shipments	
Various Pests	Truck Shipments	30,132 Inspections
Crops	Activity	Scope of Program
Export Commodities	Origin Certification	1,288 issued
Export Seed	Field Inspections	154 sites / 10,084 acres

County Pest Eradication

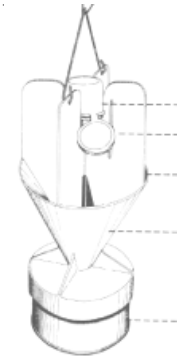
Pest	Agent/Mechanism	Scope of Program
Pink Bollworm Pectinophora gossypiella	Mechanical/Host Free Period	171,200 Acres
Alligatorweed Alternanthera philoxeriodes	Visual Inspection Mechanical/Chemical	4 Sites Treated

County Pest Detection

Pest	Number of Traps	Type of Traps
Mediterranean Fruit Fly	223	Jackson Traps
Mexican Fruit Fly	101	McPhail Traps
All Pupose Fruit Fly	116	Champ Traps
Oriental Fruit Fly	80	Jackson Traps
Melon Fly	80	Jackson Traps
Gypsy Moth	83	Delta Traps
Japanese Beetle	80	Japanese Beetle Traps
European Corn Borer	15	Pherocon 1 c Traps
European Pine Shoot Moth	6	Pherocon II Traps
Khapra Beetle	250	Trogo Traps
Apple Maggot	20	Adult Monitoring Traps
Total Traps	1,054	

Jackson Trap


McPhail Trap


Japanese Beetle Trap

Export Commodities

Commodities Exported From Kings County

Alfalfa Seed
Almonds
Asparagus Seed
Blueberries
Calcium Salts
Cherries
Cotton Lint
Cotton Seed
Garlic
Kiwifruit
Lettuce
Nectarines
Onions
Onion Seed
Peaches
Pistachios
Plums
Tomatoes
Tomato Powder
Watermelon

Export Trade Partners of Kings County in 2005

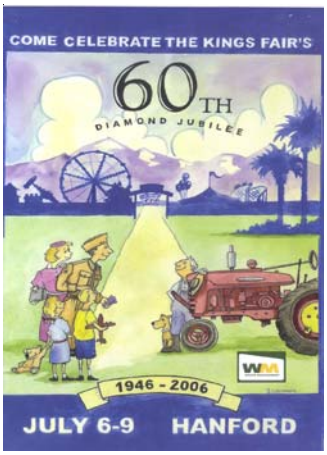
Argentina
Australia
Bahamas
Belgium
Brazil
Canada
China
Chile
Colombia
Costa Rica
Dominican Republic
Ecuador
El Salvador
England
Figi
France
Germany
Greece
Guatamala
Honduras
Hong Kong
Indonesia
Israel
Italy
Japan
Kuwait
Korea
Lithuania
Luxembourg
Maylaysia
Mexico
Netherlands
New Caledonia
New Zealand
Nicaragua
Panama
Peru
Philippines
Singapore
Spain
Sweden
Taiwan
United Arab Emirates
United Kingdom

To Learn More About Kings County Exports, Visit Our Web Site @ http://www.countyofkings.com

Export Partners

Fairs & Expositions

"Come Celebrate the Kings Fair's 60th Diamond Jubilee"



801 S. 10th Ave.
Hanford, CA 93230
Phone (559) 584-3318
Fax (559) 584-0192

Certified Farmer's Market

Hanford Certified Farmer's Market
116 W. Seventh Street
Hanford, CA 93230
Thursdays 5:30 P.M. to 8:30 P.M.
May thru October - Irwin Street

Almonds
Apples
Apricots
Aprium
Asian Pears
Asparagus
Basil
Bell Peppers
Cantaloupes
Cherries
Cherry Tomatoes
Chili Peppers
Corn
Cucumbers
Eggplant
Figs
Fresh cut Flowers
Fruit Trees
Garlic
Grapefruit
Grapes
Herbs
Honey
Kiwifruit
Lemons
Mandarin
Mistletoe
Mixed Melons
Mushrooms
Nectarines
Okra
Olives
Oranges
Oregano
Limes
Peaches
Peanuts
Peas
Pears
Pecans
Peppers
Persimmons
Pistachios
Plums
Pluots
Prunes
Pomegranates
Pommelos
Potatoes
Quince
Radishes
Raisins
Satsumas
Soybeans
Squash
Strawberries
Sweet Corn
Sweet Onions
Tangerines
Tomatoes
Walnuts
Watermelon
Yams
Zucchini

" To forget how to dig the earth and tend the soil is to forget ourselves. "
~ Gandhi ~

Land Use

Surrounding Counties	2004 Rank	2004 Gross Value*	Total County Area Acres	Top Commodity	2004 Value	Acres or No. of Head
Fresno	1	$4,684,931,200	3,840,000	Grapes	$592,099,000	206,964
Tulare	2	$4,036,353,000	3,112,320	Milk	$1,367,136,000	572,000
Monterey	3	$3,392,309,318	2,127,359	Lettuce	$950,534,000	137,594
Kern	4	$3,142,481,400	5,166,720	Grapes	$521,870,000	78,221
Kings	10	$1,292,090,000	890,545	Milk	$453,885,000	211,791

* Gross Value Does not include timber.

Kings County Land Use Summary

Land Use Category	2002 Acres	2002 Percent	2004 Acres	2004 Percent	Acre Change
Prime Farmland	140,875	16	140,582	16	-293
Farmland of Statewide Importance	431,336	48	429,768	48	-1,568
Unique Farmland	28,314	3	28,524	3	210
Farmland of Local Importance	7,556	1	8,283	1	717
Grazing Land	236,582	27	233,493	26	-3,089
Urban and Built-Up Land	29,796	3	30,768	3	972
Other Land	16,247	2	19,298	2	3,051
Water Area	66	0	66	0	0
Total Acres	890,782		890,782		

From the California Department of Conservation

Asparagus Recipes

CALIFORNIA ASPARAGUS RISOTTO WITH SHRIMP AND LEMON

Fresh California Asparagus adds the perfect herbaceous, spring note to this creamy rice dish, punctuated by shrimp and lemon. If you haven't made risotto before, not to worry. It's quite easy if you follow the directions and not as daunting as it first appears to a newcomer.

1-1/2 pounds large California Asparagus, trimmed
4 cups chicken broth, preferably reduced salt
1/2 cup chopped shallot
2 tablespoons olive oil
1 cup Arborio (short grain) rice
1 teaspoon finely chopped lemon zest
1/2 cup dry white wine
1 pound rock shrimp
Salt to taste
Freshly ground pepper to taste

Put asparagus into a large skillet of salted, boiling water. Return to a boil; boil until tender-crisp, about 3 minutes. Drain well; spread on paper towel to cool. Cut into 1-inch lengths; reserve. In a small saucepan, bring broth to a simmer; reduce to lowest heat possible to keep warm. In a larger saucepan,saute shallot over medium heat in olive oil until soft, about 3 minutes. Stir in rice until well-coated with oil. Cook rice, stirring constantly, another minute or 2 until rice is opaque. Stir in lemon zest. Deglaze with white wine, stirring constantly. Stir in 1/2 cup hot broth, cook over medium heat, stirring constantly, until broth has been absorbed and mixture thickens. Risotto should cook at lively simmer; adjust heat as necessary. Continue process, using half cup hot broth at a time, making sure rice absorbs liquid before adding more. Continue adding broth. When rice is just tender, stir in reserved asparagus and shrimp. Cook, stirring constantly, until shrimp is pink. The risotto should be very creamy not soupy nor gummy. Season to taste with salt and pepper.

6 servings

Asparagus Recipes

CALIFORNIA ASPARAGUS PIZZA WITH RED BELL PEPPER, OLIVE, AND FETA CHEESE

California Asparagus adds pizzaz to pizza with its herbaceous flavor and succulent texture, and spears from the Golden State are the freshest in the markets. For added convenience, you can use a purchased, pre-baked pizza bread shell instead of dough.

1 unbaked pizza dough shell, 12 inches
2/3 cup diced (1/2 inch) bell pepper
1/2 cup chopped onion
1/2 cup chopped Calamata olive
12 ounces fresh California Asparagus, trimmed, then blanched
3 ounces Mozzarella cheese, shredded (about 3/4 cup)
3 ounces Feta cheese, crumbled (about 3/4 cup)

On the dough shell, layer in order, red bell pepper, onion, and olive. Arrange asparagus spears, tips toward edge, in a pinwheel fashion over vegetables. Evenly sprinkle with cheeses. Bake at 500°F until crust and cheese are lightly browned, about 10 minutes. Cut into 8 wedges.

4 servings

Thank You

Special thanks to the California Aparagus Commission for their cooperation and information.

Kings County General Information

County Seat	**Hanford**
County Population (2004)	**141,434**
Population per Square Mile	**104.05**
Total Assessed Value (2004)	**$6,250,689,040**
Land Area (Square Miles)	**1,391**
Total Acres	**890,545**
Total Harvested Crop Acreage (2005)	**800,293**
Foreign Ownership (2001)	**4,009 (acres)**
Total Farmland	**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 10th among California counties and 18th among U.S. counties (based on 2004 total value).

Railroads - Burlington Northern & Santa Fe and Union 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 - 175 feet above sea level at Tulare Lake to 3500 feet above sea level at the Kings/ Monterey County line boundary.

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
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
1999-00	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
2000-01	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
2001-02	0.00	0.09	0.00	0.00	0.18	1.84	1.99	0.87	0.31	1.04	0.03	0.01	6.36
2002-03	0.82	0.00	0.00	0.00	0.00	1.42	1.14	0.25	1.13	1.05	1.67	0.67	8.15
2003-04	0.00	0.00	0.00	0.00	0.07	0.47	2.05	0.97	2.32	0.25	0.01	0.02	6.16
2004-05	0.00	0.00	0.00	0.00	2.09	0.44	2.13	2.55	1.69	2.02	0.70	0.84	12.46
2005-06	0.00	0.00	0.00	0.02	0.01	0.21	1.15						
AVERAGE	0.06	0.01	0.03	0.19	0.35	0.85	0.95	1.50	1.46	1.39	0.70	0.19	8.20

50 YEAR AVERAGE RAINFALL

Agricultural Crop Report

Kings County
2006

"The Story of Wine"

The earliest scientific evidence of grapes comes from 60 million year old fossil vines. The first written account of winemaking comes from a much more recent source, the Bible, which tells us that Noah planted a vineyard after exiting the Ark. An ancient Persian fable credits a lady of the court with the discovery of wine. A Princess who had lost favor with the King attempted to poison herself by eating some table grapes that had spoiled in a jar. She became intoxicated and giddy and fell asleep. When she awoke, she found the stresses that had made her life intolerable had dispersed. Returning to the source of her relief, her subsequent conduct changed so remarkably that she regained the King's favor. He shared his daughter's discovery with his court and the rest is history!

Scientists have detected wine in a jar from as far back as 5400 B.C., found at the site of Hajji Firuz Tepe in the northern Zagros Mountains of present-day Iran. But the earliest knowledge about wine cultivation comes from ancient Egypt, where the winemaking process was represented on tomb walls dating to 2600 B.C.

Wine came to Europe with the spread of the Greek civilization around 1600 BC. Homer's *Odyssey* and *Iliad* both contain excellent and detailed descriptions of wine. Wine was an important article of Greek commerce and Greek doctors, including Hippocrates, were among the first to prescribe it. The Greeks also learned to add herbs and spices to mask spoilage. Starting about 1000 BC, the Romans made major contributions in classifying grape varieties and colors, observing and charting ripening characteristics, identifying diseases and recognizing soil-type preferences. They became skilled at pruning and increasing yields through irrigation and fertilization techniques. The Romans also developed wooden cooperage, a great advance for wine storage which had previously been done in skins or jars. They may also have been the first to use glass bottles, as glassblowing became more common during this era.

In 1769, Franciscan missionary Father Junipero Serra planted the first California vineyard at Mission San Diego. Father Serra continued to establish eight more missions and vineyards until his death in 1784; and has since been called the "Father of California Wine". In 1833, a French winemaker, Jean-Louis Vignes brought the first European vines from his native Bordeaux to Los Angeles. Vignes planted these vines, built a winery and by the late 1800's Los Angeles was considered California's premiere appellation for grape growing and winemaking. In the 1850s and '60s, the colorful Agoston Harazsthy, a Hungarian soldier, merchant and promoter, made several trips to import cuttings from 165 of the greatest European vineyards to California. Some of his endeavors were funded through the State, while others were at his own expense. Overall, he introduced about 300 different grape varieties, although some were lost prior to testing, due to difficulties in preserving and handling.

In 2005, California's wine grape industry has had an economic impact of $51.3 billion in the state and has generated approximately 207,750 jobs. Wine grapes are grown in 46 of California's 58 counties covering close to 500,000 acres and are ranked third in the State's top agricultural commodities. California is the fourth largest wine producer in the world after France, Italy and Spain.

In 1941, Kings County's first "Crop Report" shows that the total wine grape acreage was 9,245 acres. In 2006, our report shows 3,358 acres. Several factors have changed Kings County as a wine grape growing area. The agricultural market place and farming trends have contributed to the decrease in the number of wine grape acres. Increasing popularity of the central coast as a wine making region, and the trends in wine varieties that consumers enjoy may have led to this trend. Higher value crops such as nuts and tree fruit have also taken the place of wine grapes. However, the wine industry is ever changing, and as new varieties thrive in Kings County, this area will continue its tradition of wine grape growing.

Department of Agriculture / Measurement Standards

TIM NISWANDER
Agricultural Commissioner
Sealer of Weights and Measures

April 17, 2007

Secretary A. G. Kawamura
California Department of Food and Agriculture
And
The Honorable Board of Supervisors
County of Kings, California

It is my privilege to submit to you, the 2006 Annual Agricultural Crop Report for the County of Kings. This report contains statistical information on the acreage, yield, and gross values in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code. The numbers in this report are only gross values and do not represent net income or loss to producers.

The gross value of all agricultural crops and products produced during 2006 in Kings County is $1,289,186,000. This represents a decrease of $118,033,000 (8.4%) from the 2005 value.

While the overall gross value decreased in 2006, three crop and product categories experienced increases. Fruit and Nut Crops increased $6,982,000 (2.8%) as a result of acreage and price increases; Apiary Products increased by $2,421,000 (80.9%) due to production and value; and Seed Crops increased by $4,622,000 (55.4%) due to increased acreage.

The following categories contributed to the overall decrease: Livestock & Poultry which was down $40,737,000 (-20.1%) as a result of fewer animals on-hand; Vegetable Crops declined by $28,515,000 (-27.6%) mostly from less acreage; Livestock & Poultry Products decreased $45,123,000 (-9.7%) reflecting the effects of a price received for the County's leading product, Milk; and Field Crops were down $17,683,000 (-4.6%) due to less acreage.

My thanks and appreciation are extended to the many producers and organizations who contributed information for this report. This report is produced from the hard work of Joan Vernon, Ag & Standards Inspector III, Robbie Coelho, Ag & Standards Inspector I, Brandi Martin, Ag & Standards Inspector I, Janet Eckles, Agricultural and Standards Aide, Roberta Spomer, Agricultural and Standards Aide and Ruben Arroyo, Deputy Ag Commissioner/ Sealer.

Respectfully yours,

Tim Niswander

680 N. Campus Drive, Suite B / Hanford, California 93230 / (559) 582-3211, Ext. 2830
FAX (559) 582-5251 / e-mail: agstaff@co.kings.ca.us / website: countyofkings.com

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Larry Spikes

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Alfredo Prieto

Ron Evans

Michael Leoni

Robert Torrez

Vince Evans

Brandi Martin

Joan Vernon

Agricultural Computer Systems Coordinator

Lynda Schrumpf

Agricultural and Standards Aides

Janet Eckles

Roberta Spomer

Clerical

Diane O'Daniel

Lynda Gabbard

Linda Lavars

Amber Rambonga

Carey Smith

Field Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Beans, Dry a/	**2006**	**2,671**	**0.76**	**2,030**	**TON**	**$598.00**	**$1,214,000**
	2005	2,267	1.58	3,582	TON	$616.00	$2,207,000
Corn Silage	**2006**	**66,875**	**26.04**	**1,741,425**	**TON**	**$24.00**	**$41,794,000**
	2005	65,502	25.30	1,657,201	TON	$27.30	$45,242,000
Cotton Acala-Lint b/	**2006**	**48,935**	**2.84**	**138,975**	**495 lbs**	**$341.00**	**$47,390,000**
	2005	107,229	2.64	283,085	495 lbs	$367.00	$103,892,000
Acala- Seed	**2006**			**60,204**	**TON**	**$189.00**	**$11,379,000**
	2005			122,553	TON	$175.00	$21,447,000
Cotton Upland Non-Approved-Lint	**2006**	**18,799**	**2.66**	**50,005**	**495 lbs**	**$341.00**	**$17,052,000**
	2005	16,730	2.72	45,506	495 lbs	$361.00	$16,428,000
Cotton Upland Non-Approved-Seed	**2006**			**51,562**	**TON**	**$189.00**	**$9,745,000**
	2005			46,904	TON	$175.00	$8,208,000
Cotton Pima- Lint	**2006**	**95,880**	**2.25**	**215,730**	**495 lbs**	**$519.00**	**$111,964,000**
	2005	92,250	1.46	134,685	495 lbs.	$591.00	$79,599,000
Pima- Seed	**2006**			**93,258**	**TON**	**$180.00**	**$16,786,000**
	2005			58,454	TON	$140.00	$8,184,000
Cotton Pima Non-Approved-Lint	**2006**	**1,906**	**2.32**	**4,422**	**495 lbs.**	**$519.00**	**$2,295,000**
	2005	7,645	2.01	15,366	495 lbs.	$615.00	$9,450,000
Cotton Pima Non-Approved-Seed	**2006**			**4,556**	**TON**	**$180.00**	**$820,000**
	2005			15,833	TON	$140.00	$2,217,000
Hay Alfalfa	**2006**	**69,806**	**6.72**	**469,096**	**TON**	**$128.00**	**$60,044,000**
	2005	54,887	7.20	395,186	TON	$137.00	$54,140,000
Hay, Oat b/	**2006**	**2,378**	**4.05**	**9,631**	**TON**	**$80.00**	**$770,000**
	2005	6,695	2.58	17,273	TON	$88.40	$1,527,000

Field Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Pasture Irrigated	**2006**	**11,000**				**$135.00**	**$1,485,000**
	2005	11,000				$135.00	$1,485,000
Pasture Range	**2006**	**189,237**				**$10.00**	**$1,892,000**
	2005	189,237				$10.00	$1,892,000
Alfalfa Stubble	**2006**	**34,902**				**$20.00**	**$698,000**
	2005	35,420				$20.00	$708,000
Sorghum Silage	**2006**	**3,901**	**14.20**	**55,394**	**TON**	**$23.00**	**$1,274,000**
	2005	783	15.33	12,003	TON	$21.10	$253,000
Sugar Beets	**2006**	**1,654**	**32.65**	**54,003**	**TON**	**$36.00**	**$1,944,000**
	2005	1,538	30.92	47,555	TON	$35.00	$1,664,000
Wheat Grain	**2006**	**56,527**	**2.00**	**113,054**	**TON**	**$145.00**	**$16,393,000**
	2005	42,909	1.63	69,942	TON	$128.00	$8,953,000
Wheat Silage	**2006**	**38,318**	**14.72**	**564,041**	**TON**	**$23.00**	**$12,973,000**
	2005	40,675	13.92	566,196	TON	$22.30	$12,626,000
Others c/	**2006**	**52,700**					**$6,194,000**
	2005	35,564					$1,667,000
TOTAL	**2006**	**695,489**					**$364,106,000**
	2005	710,331					$381,789,000

a/ all Dry Beans.
b/ 495 lbs. = 1 bale
c/ Barley Grain, Barley Silage, Corn Grain, Forage, Safflower, Screenings, Sudan Hay, Sudan Silage, & Wheat Straw.

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

Fruit & Nut Crops

Crop	Year	Harvested Production Acres	Per Acre	Total	Unit	Value Per Unit	Total
Almonds	**2006**	**10,270**	**0.98**	**10,065**	**TON**	**$5,040.00**	**$50,728,000**
	2005	9,275	0.57	5,287	TON	$5,400.00	$28,550,000
Almond Hulls	**2006**			**5,956**	**TON**	**$100.00**	**$596,000**
	2005			5,379	TON	$94.50	$508 ,000
Apricots Fresh	**2006**	**757**	**0.92**	**696**	**TON**	**$1,410.00**	**$981,000**
	2005	752	4.27	3,211	TON	$1,070.00	$3,436,000
Firewood	**2006**			**1,400**	**CORD**	**$120.00**	**$168,000**
	2005			1,400	CORD	$120.00	$168,000
Grapes Raisin Varieties	**2006**						
Fresh, Table				**0**	**TON**	**$0.00**	**$0**
Dried				**4,965**	**TON**	**$900.00**	**$4,469,000**
Crushed				**281**	**TON**	**$150.00**	**$42,000**
Canned				**432**	**TON**	**$270.00**	**$117,000**
Total		**2,119**		**5,678**	**TON**		**$4,628,000**
Grapes Raisin Varieties	2005						
Fresh, Table				0	TON	$0.00	$0
Dried				5,218	TON	$1,150.00	$6,001,000
Crushed				695	TON	$103.00	$71,600
Canned				548	TON	$250.00	$137,000
Total		2,097		6,461	TON		$6,210,000
Grapes Table Varieties	**2006**	**1,482**	**12.20**	**18,080**	**TON**	**$1,150.00**	**$20,792,000**
	2005	803	9.50	7,629	TON	$815.00	$6,218,000

Fruit & Nut Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Wine Varieties Total	**2006**	**3,358**	**11.64**	**39,087**	**TON**	**$260.00**	**$10,163,000**
	2005	3,314	13.81	45,766	TON	$241.00	$11,030,000
Grapes Total	**2006**	**6,959**					**$35,583,000**
	2005	6,214					$23,458,000
Nectarine	**2006**	**2,583**	**7.48**	**19,321**	**TON**	**$910.00**	**$17,582,000**
	2005	2,518	8.34	21,000	TON	$944.00	$19,824,000
Peaches Cling	**2006**	**1,493**	**18.27**	**27,277**	**TON**	**$270.00**	**$7,365,000**
	2005	1,600	15.44	24,704	TON	$247.00	$6,102,000
Peaches Freestone	**2006**	**3,863**	**9.28**	**35,849**	**TON**	**$900.00**	**$32,264,000**
	2005	4,014	7.49	30,065	TON	$918.00	$27,600,000
Peaches Freezer	**2006**	**515**	**23.75**	**12,231**	**TON**	**$240.00**	**$2,935,000**
	2005	536	18.86	10,109	TON	$232.00	$2,345,000
Peaches Total	**2006**	**5,871**					**$42,564,000**
	2005	6,150					$36,047,000
Pistachios	**2006**	**10,013**	**0.99**	**9,913**	**TON**	**$4,080.00**	**$40,445,000**
	2005	9,690	1.86	18,023	TON	$4,680.00	$84,348,000
Plums	**2006**	**2,022**	**7.49**	**15,145**	**TON**	**$920.00**	**$13,933,000**
	2005	1,918	5.79	11,105	TON	$917.00	$10,183,000
Walnuts	**2006**	**8,741**	**1.93**	**16,870**	**TON**	**$1,700.00**	**$28,679,000**
	2005	8,776	1.92	16,850	TON	$1,600.00	$26,960,000
Others a/	**2006**	**6,222**					**$21,088,000**
	2005	3,908					$11,883,000
TOTAL	**2006**	**53,438**					**$252,347,000**
	2005	49,201					$245,365,000

a/ Includes almond shells, apples, cherries, cherries brine, clemantines,kiwifruit, oranges, pecans, persimmons, pluots,pomegranates, quince, strawberries and tangerine.

Vegetable Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Garlic Processed	**2006**	**1,323**	**8.74**	**11563**	**TON**	**127.00**	**$ 1,469,000**
	2005	3,418	8.45	28882	TON	135.00	$ 3,899,000
Melons, All a/	**2006**	**672**	**13.35**	**8971**	**TON**	**250.00**	**$ 2,243,000**
	2005	935	13.41	12538	TON	337.00	$ 4,225,000
Tomatoes Processed	**2006**	**21,064**	**29.47**	**620,756**	**TON**	**56.00**	**$ 34,762,000**
	2005	21,889	45.20	989,383	TON	50.00	$ 49,469,000
Other b/	**2006**	**6,616**					**$ 36,391,000**
	2005	5,352*					$ 45,787,000
TOTAL	**2006**	**29,675**					**$ 74,865,000**
	2005	31,594*					$ 103,380,000

a/ Includes Cantaloupes and Specialty Melons
b/ Asparagus, Broccoli, Broccoli Organic, Carrots, Cauliflower, Fresh Tomatoes, Peppers, Onions Processsed.
*** Revised**

Seed Crops

Crop	Year	Harvested Acreage	Total
Others a/	**2006**	**21,907**	**$12,962,000**
	2005	9,164	$8,340,000
TOTAL	**2006**	**21,907**	**$12,962,000**
	2005	9,164	$8,340,000

a/ Alfalfa Certified, Aspargus,Cotton Certified, Endive, Leaf Lettuce, Head Lettuce, Onion, & Wheat Non-Certified.

Inventories of Livestock & Poultry

Item	January 1, 2006 Number of Head	January 1, 2005 Number of Head
Cattle and Calves		
All	**280,000**	285,000
Dairy Cows 2 Years and Over	**166,000**	156,000
Cattle and Calves on Feed	**6,000**	8,000
Other	**142,000**	147,000
Sheep and Lambs	**10,003**	10,196
Goats	**5,967**	5,750
Hogs and Pigs	**1,357**	1,845
Turkeys	**586,582**	515,487
Duck	**n/a**	1,700

Livestock & Poultry

Item	Year	Number Of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle and Calves*	**2006**	**212,505**	**1,593,830**	**Cwt.**	**$89.49**	**$142,632,000**
	2005	207,056	1,552,961	Cwt.	$114.81	$178,295,000
Sheep and Lambs	**2006**	**10,003**	**11,160**	**Cwt.**	**$101.68**	**$1,138,000**
	2005	10,196	11,994	Cwt.	$110.42	$1,324,000
Turkeys	**2006**	**1,893,510**	**45,519,980**	**lb.**	**$0.38**	**$17,389,000**
	2005	2,570,806	62,889,373	lb.	$0.35	$21,752,000
Others b/	**2006**					**$338,000**
	2005					$863,000
TOTAL	**2006**					**$161,497,000**
	2005					$202,234,000

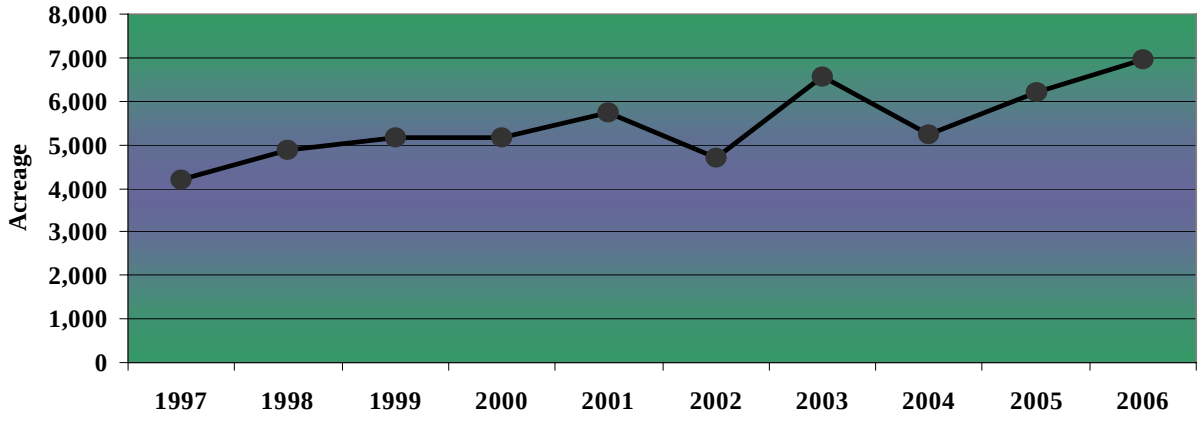
***Includes Breeding Stock Value in Total.**
a/ Includes chickens, goats, hogs and pigs.

Livestock & Poultry Products

Item	Year	Production	Unit	Value Per Unit	Total
Eggs- Chicken Market	**2006**	**2,664,225**	**Doz.**	**$0.88**	**$2,345,000**
	2005	2,454,264	Doz.	$0.88	$2,160,000
Manure	**2006**	**1,217,804**	**Ton**	**$4.75**	**$5,785,000**
	2005	982,757*	Ton	$5.10	$5,012,000*
Milk Market	**2006**	**35,507,859**	**Cwt.**	**$11.38**	**$404,790,000**
	2005	32,250,532	Cwt.	$13.80	$445,057,000
Milk Mfg.	**2006**	**305,973**	**Cwt.**	**$11.39**	**$3,488,000**
	2005	684,354	Cwt.	$14.80	$10,128,000
Milk- Goats	**2006**	**45,162**	**Cwt.**	**$33.90**	**$1,531,000**
	2005	21,128	Cwt.	$33.70	$712,000
Milk Total	**2006**	**35,858,994**	**Cwt.**		**$409,809,000**
	2005	32,956,014	Cwt.		$455,897,000
Wool a/	**2006**	**87,626**	**lb.**	**$0.63**	**$55,000**
	2005	69,027	lb.	$0.70	$48,300
TOTAL	**2006**				**$417,994,000**
	2005				$463,117,000*

a/ price does not include incentive.
*** Revised**

10 Year Grape Acreage



Apiary Products

Item	Year	Total Production	Unit	Value Per Unit	Total
Honey	**2006**	**908,503**	**lb.**	**$0.83**	**$754,000**
	2005	502,690	lb.	$0.71	$357,000
Beeswax	**2006**	**14,797**	**lb.**	**$1.95**	**$29,000**
	2005	36,830	lb.	$1.12	$41,200
Seed Alfalfa	**2006**	**16,743**	**Colonies**	**$38.00**	**$636,000**
	2005	17,952	Colonies	$35.30	$634,000
Tree Fruit a/	**2006**	**28,736**	**Colonies**	**$137.00**	**$3,937,000**
	2005	26,353	Colonies	$73.40	$1,934,000
Melons	**2006**	**1,008**	**Colonies**	**$55.00**	**$55,000**
	2005	935	Colonies	$26.50	$24,800
Vegetable Seed	**2006**	**155**	**Colonies**	**$26.00**	**$4,000**
	2005	58	Colonies	$45.00	$2,610
TOTAL	**2006**				**$5,415,000**
	2005				$2,994,000

a/ almonds, apricot, cherries, and plums.

Agricultural Quick Facts

Kings County is ranked 9th among California counties in agricultural production in. (2005)

Kings County is ranked 1st among California counties in the production of Cotton Seed. (2005)

Kings County is ranked 4th among California counties in the production of all field and seed products in 2005.

Kings County produces 8.5% of all Milk and Cream in the State. (2005)

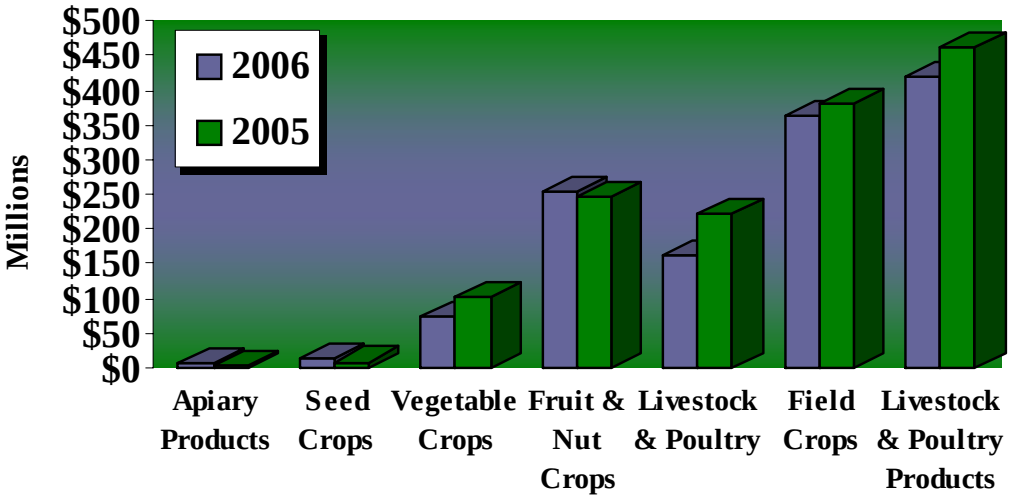
The most prolific milk producing cow the world has ever known, No. 289, lived in this county for 19 years and gave 54,070 gallons of milk - enough to fill more than eight 60-foot tanker trucks.

5 Year Comparison Of Acreage & Crop Values

	2006	2005	2004	2003	2002
Apiary Products	**$5,415,000**	$2,994,000	$2,518,000	$3,026,000	$2,531,000
Field Crops	**$364,106,000**	$381,789,000	$379,551,000	$313,559,000	$326,741,000
Acreage	**695,489**	710,331	699,129	722,423	687,894
Fruit and Nut Crop	**$252,347,000**	$245,365,000	$172,792,000	$152,269, 000	$145,624,000
Acreage	**53,438**	49,201	48,575	*44,094	42,970
Livestock and Poultry	**$161,497,000**	$202,234,000	$173,532,000	$163,217,000	$104,201,000
Livestock and Poultry Products	**$417,994,000**	* $463,117,000	$459,386,000	$331,393,000	$309,252,000
Seed Crops	**$12,962,000**	$8,340,000	$7,112,000	$2,581,000	$5,617,000
Acreage	**21,907**	9,164	6,694	5,213	6,572
Vegetable Crops	**$74,865,000**	$103,380,000	$97,199,000	$170,921,000	$129,841,000
Acreage	**29,675**	31,597	32,224	31,187	*24,296
TOTAL	**$1,289,186,000**	*$1,407,219,000	$1,292,090,000	$1,136,966,000	$ 714,555,000

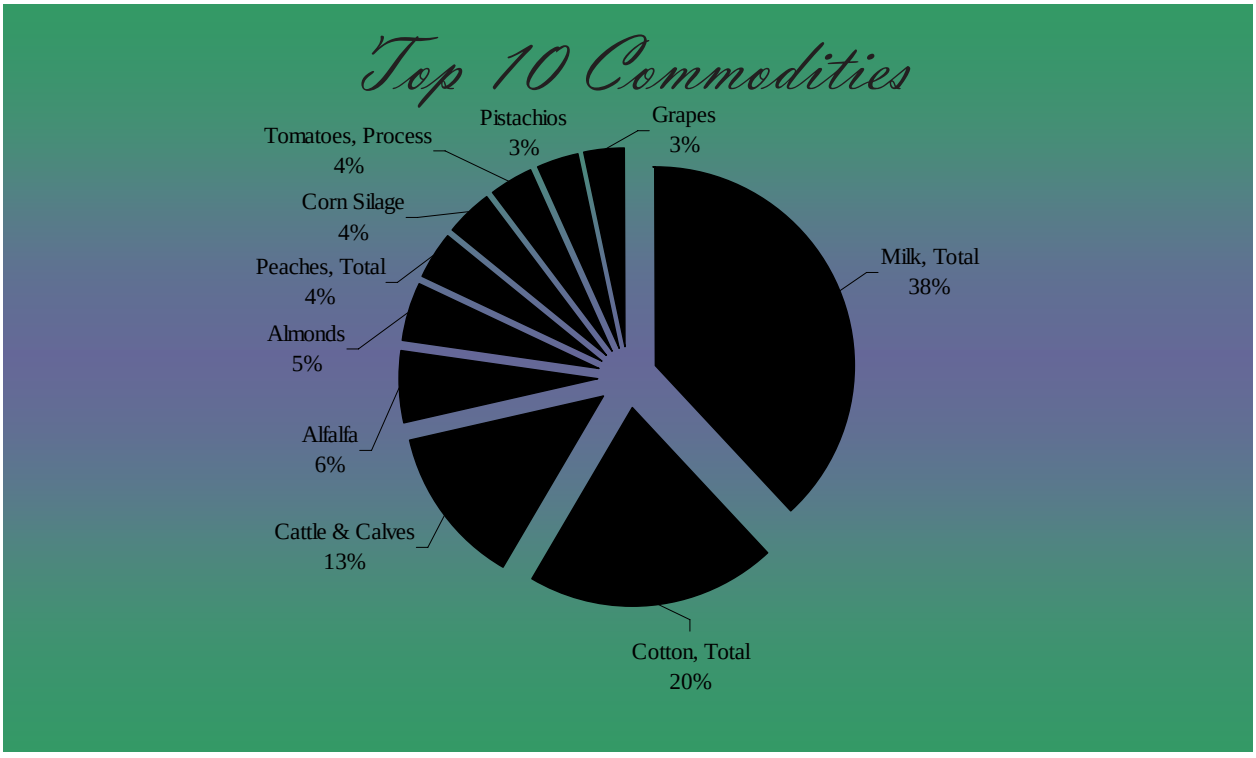
*** Revised**

2006 and 2005 Production Value Comparisons



Kings County's 10 Leading Commodities

Crop	2006 Rank	Dollar Value	2005 Rank	2004 Rank
Milk, Total	1	$409,809,000	1	1
Cotton, Total	2	$217,431,000	2	2
Cattle and Calves	3	$142,632,000	3	3
Alfalfa	4	$60,044,000	5	4
Almonds, Total	5	$51,324,000	9	9
Peaches, Total	6	$42,564,000	8	8
Corn Silage	7	$41,794,000	7	6
Pistachios	8	$40,445,000	4	7
Grapes, Total	9	$35,583,000	11	11
Tomatoes, Processed	10	$34,762,000	6	5
	Total	$1,076,388,000		



"Most Americans are two to four generations removed from the farm. The general public has very little idea of what agriculture is about. Food is cheap and plentiful. Everyone takes it for granted." Shawn S. Stevenson (local citrus grower)

County Biological Control

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

County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
European Corn Borer Ostrinia nubilalis	Railroad Corn Shipments	80 Inspections
Gypsy Moth Lymantria dispar	Household Goods Shipments	555 Inspections
Various Pests	Truck Shipments	50,699 Inspections

Crops	Activity	Scope of Program
Export Commodities	Origin Certification	1,178 issued
Export Seed	Field Inspections	150 sites / 6,205 acres

County Pest Eradication

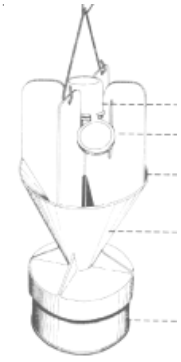
Pest	Agent/Mechanism	Scope of Program
Pink Bollworm Pectinophora gossypiella	Mechanical/Host Free Period	171,200 Acres
Alligatorweed Alternanthera philoxeriodes	Visual Inspection Mechanical/Chemical	6 Sites Treated

County Pest Detection

Pest	Number of Traps	Type of Traps
Mediterranean Fruit Fly	263	Jackson Traps
Mexican Fruit Fly	101	McPhail Traps
All Pupose Fruit Fly	116	Champ Traps
Oriental Fruit Fly	80	Jackson Traps
Melon Fly	80	Jackson Traps
Gypsy Moth	80	Delta Traps
Japanese Beetle	80	Japanese Beetle Traps
European Corn Borer	14	Pherocon 1 c Traps
European Pine Shoot Moth	6	Pherocon II Traps
Khapra Beetle	229	Trogo Traps
Apple Maggot	4	Adult Monitoring Traps
Total Traps	1,053	

Jackson Trap


McPhail Trap


Japanese Beetle Trap

Commodities Exported From Kings County

Alfalfa Seed
Almonds
Apples
Asparagus Seed
Blueberries
Calcium Salts
Cherries
Cotton Lint
Cotton Seed
Garlic
Garlic Seed
Kiwifruit
Lettuce
Nectarines
Onions
Onion Seed
Peaches
Pistachios
Plums
Pomegranates
Tomatoes
Tomato Powder
Watermelon

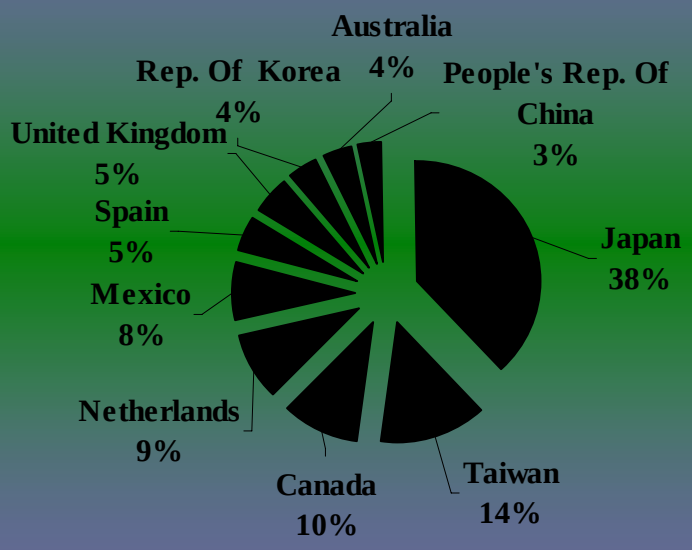
Export Trade Partners of Kings County in 2006

Argentina
Australia
Belgium
Canada
Chile
China
Colombia
Costa Rica
Dominican Republic
Ecuador
El Salvador
England
Fiji
France
Germany
Greece
Guatamala
Honduras
Hong Kong
Italy
Japan
Korea
Luxembourg
Mexico
Morocco
Netherlands
New Zealand
Panama
Peoples's Rep. of China
Peru
Philippines
Portugal
Rep. of Korea
Saipan
Spain
Taiwan
United Arab Emirates
United Kingdom
Venezuela
Vietnam

To Learn More About Kings County Exports, Visit Our Web Site @ http://www.countyofkings.com

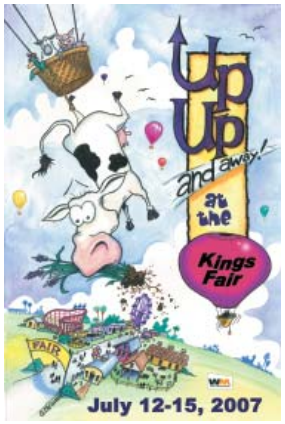
Export Partners

Top Ten Export Countries 2006



Fairs & Expositions

"Up Up and Away!"
at the
Kings Fair



801 S. 10th Ave. Hanford, CA 93230
Phone (559) 584-3318

Certified Farmer's Market

Hanford Certified Farmer's Market
116 W. Seventh Street
Hanford, CA 93230
Thursdays 5:30 P.M. to 8:30 P.M.
May thru October - Irwin Street

Almonds
Apples
Apricots
Aprium
Artichokes
Asian Pears
Asparagus
Basil
Bell Peppers
Blackberries
Blueberries
Camellias
Cantaloupes
Cherries
Chestnuts
Corn
Cucumbers
Eggplant
Figs
Fresh cut Flowers
Garlic
Grapefruit
Grapes
Herbs
Honey
Iris
Kiwifruit
Lemons
Limes
Mandarin
Mistletoe
Mixed Melons
Mushrooms
Nectarines
Olives
Oranges
Oregano
Limes
Peaches
Peanuts
Pears
Pecans
Peppers
Persimmons
Pistachios
Plums
Pluots
Pomegranates
Pommelos
Quince
Radishes
Rasberries
Satsumas
Squash
Strawberries
Sweet Corn
Tangerines
Tayberrie
Tomatoes
Tsatzumas
Walnuts
Watermelon

"Millions have lived without love, none has lived without water" Turkish businessman 1988

Land Use

Surrounding Counties	2005 Rank	2005 Gross Value*	Total County Area Acres	Top Commodity	2005 Value	Acres or No. of Head
Fresno	1	$4,640,166,000	3,840,000	Grapes	$554,551,000	202,240
Tulare	2	$4,360,854,000	3,112,320	Milk	$1,476,011,000	597,000
Kern	3	$3,546,925,000	5,166,720	Almonds	$594,378,000	114,600
Monterey	4	$3,273,000,000	2,127,359	Lettuce	$912,621,000	216,171
Kings	9	$1,407,091,000	890,545	Milk	$455,897,000	285,000

*** Gross Value Does not include timber.**

Kings County Land Use Summary

Land Use Category	2002 Acres	2002 Percent	2004 Acres	2004 Percent	Acre Change
Prime Farmland	140,875	16	140,582	16	-293
Farmland of Statewide Importance	431,336	48	429,768	48	-1,568
Unique Farmland	28,314	3	28,524	3	210
Farmland of Local Importance	7,556	1	8,283	1	717
Grazing Land	236,582	27	233,493	26	-3,089
Urban and Built-Up Land	29,796	3	30,768	3	972
Other Land	16,247	2	19,298	2	3,051
Water Area	66	0	66	0	0
Total Acres	890,782		890,782		

From the California Department of Conservation

Wine Tasting

WINE TASTING TIPS

Wine tasting is not the same as drinking it. To experience the true flavor of a wine requires that you pay attention to your senses of sight, smell, touch, as well as taste.

Sight: Look at the wine — in daylight if possible. The best way is to tilt the wine in the glass and look at it against a white background. What do you see? Is the wine clear or cloudy? The color will vary according to what wine it is. Red wines vary greatly in color — a Merlot, for example will usually be an intense ruby red while a Cabernet Sauvignon will be a darker, deeper red. As a red wine ages, you will see hints of reddish-brown around the edges. White wines become more golden as they age.

Smell: Through our sense of smell, wine reveals its pleasures to us. To determine the aroma, swirl the wine vigorously in the glass. As the wine coats the sides of the glass, it releases its bouquet. The aromas can be quite different depending on how far into the glass your nose goes. At the top of the glass, they are more floral and fruity; deeper in the glass, they are richer. Try to detect the full range of scents from berry to floral to spicy to woody ... and so on. Consider intensity and appeal.

Touch: This does not mean you dip your finger into your wine glass! When tasting wines, the touch is the feel of the wine on your tongue. Is it soft or brisk? Does it have a refreshing zing around the edges of your tongue? Or is it flat and flabby? Tannins (used in red wines to keep them from spoiling) will feel sort of prickly on your tongue. Younger red wines are usually more tannic. The ideal touch is a mellow softness — a velvety feeling in your mouth.

Taste: This is the final step and should be taken only after you've used your other senses. When tasting a wine, take a small amount in your mouth, swirl it around lightly so all your tastebuds are exposed, then keep it there for a brief period. Does the wine taste the same as its aroma? Is it sweet, acidic, crisp? Is it light or full-bodied? At this point you can either spit it out (especially if you are tasting several wines) or simply drink it, but be sure to experience the aftertaste (the finish). What is the memory of the wine on your palate?

Courtesy of atime4wine.com

Wine Pairings

1. Select light-bodied wines to pair with lighter food, and fuller-bodied wines to go with heartier, more flavorful dishes. Using salmon as an example the Pinot Noir works beautifully with the fish because you are matching light to light. Otherwise a full-bodied, heavier wine will overpower a light, delicate dish, and similarly, a lighter style wine will not even register on your personal flavor meter if you sip it with a hearty roast. You may as well drink water.

2. Consider how the food is prepared. Is it grilled, roasted, or fried, for instance, and what type of sauce or spice is used? For example, chicken with a lemon butter sauce will call for a different more delicate wine to play off the sauce than chicken cacciatore with all of the tomato and Italian spices, or a grilled chicken breast.

3. For every food action, there is a wine reaction. When you drink wine by itself it tastes one way, but when you take a bite of food, the wine tastes different. This is because wine is like a spice. Elements in the wine interact with the food to provide a different taste sensation like these basic reactions:

Sweet Foods like Italian tomato sauce, Japanese teriyaki, and honey-mustard glazes make your wine seem drier than it really is so try an off-dry (slightly sweet) wine to balance the flavor (Chenin Blanc, White Zinfandel, Riesling).

High Acid Foods like salads with balsamic vinaigrette dressing, soy sauce, or fish served with a squeeze of lemon go well with wines higher in acid (Sauvignon Blanc, Pinot Grigio, Pinot Noir). White Zinfandel, although not as high in acid, can provide a nice contrast to high acid foods.

Bitter and Astringent Foods like a mixed green salad of bitter greens, Greek kalamata olives and charbroiled meats accentuate a wine's bitterness so complement it with a full-flavored forward fruity wine (Chardonnay, Cabernet Sauvignon, Merlot). Big tannic red wines (like many red Zinfandels, and Shiraz or Syrah wines) will go best with your classic grilled steak or lamb chops, as the fat in the meat will tone down the tannin (bitterness) in the wine.

Courtesy of wineanswers.com

Thank You

California Association of Winegrape Growers

Special thanks to the California Association of Winegrape Growers
for their photographs, information and cooperation.

Kings County General Information

County Seat	**Hanford**
County Population (2006)	**147,729**
Population per Square Mile	**106.20**
Total Assessed Value (2006)	**$6,947,077,558**
Land Area (Square Miles)	**1,391**
Total Acres	**890,545**
Total Harvested Crop Acreage (2006)	**800,509**
Foreign Ownership (2006)	**4,009 (acres)**
Total Farmland	**749,100**

Public Ownership of Land (Acres - 2006)

Federal	**27,313.76**
State	**4,015.99**
County	**1,421.61**
Local Agencies	**3,587.01**

Agricultural production ranked 9th among California counties and 18th among U.S. counties (based on 2005 total value).

Railroads - Burlington Northern & Santa Fe and Union 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 - 175 feet above sea level at Tulare Lake to 3500 feet above sea level at the Kings/ Monterey County line boundary.

Average length of growing season: 257 days.

Average date of last spring frost: March 3.

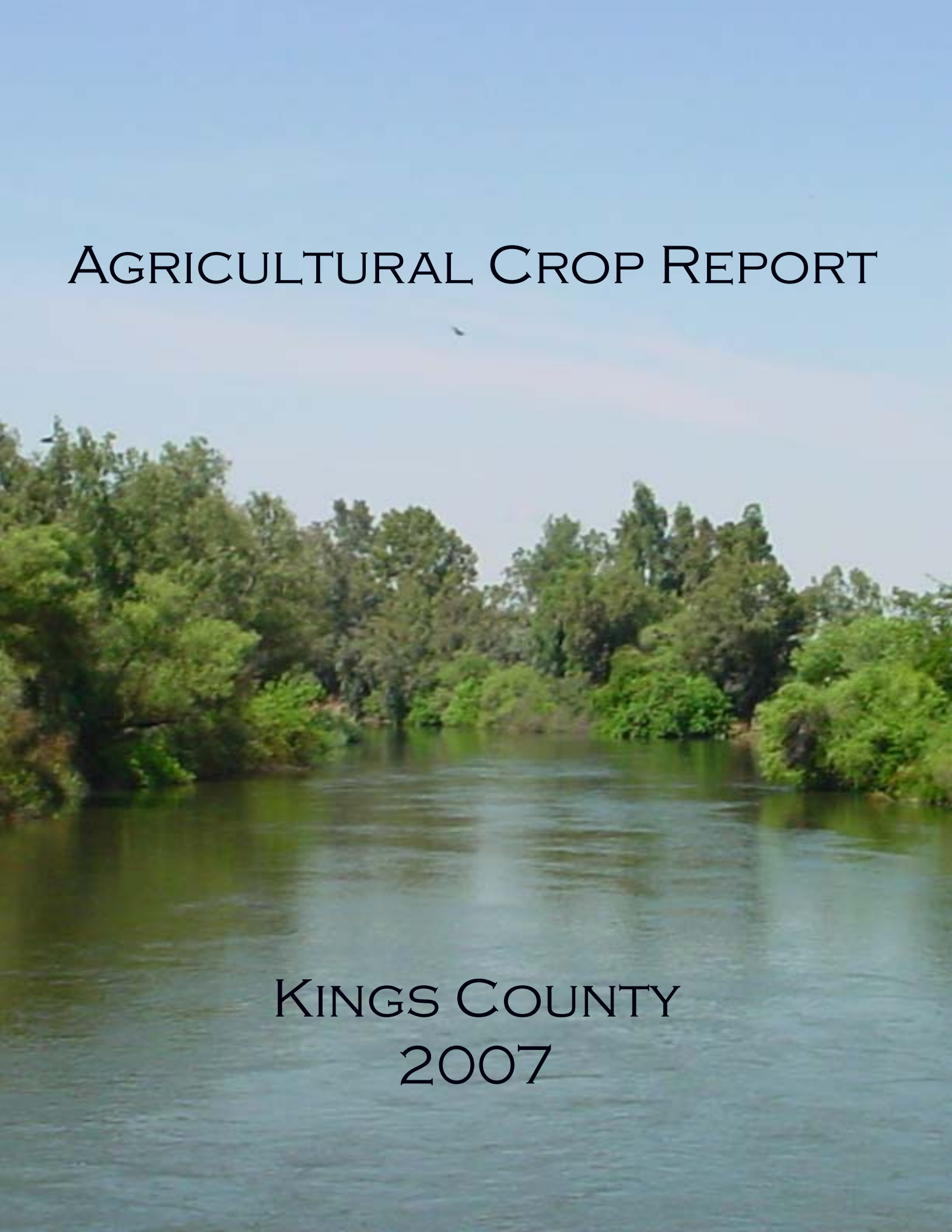
Average climate: 196 sunny clear days, 74 partly cloudy days & 95 cloudy days.

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
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
1999-00	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
2000-01	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
2001-02	0.00	0.09	0.00	0.00	0.18	1.84	1.99	0.87	0.31	1.04	0.03	0.01	6.36
2002-03	0.82	0.00	0.00	0.00	0.00	1.42	1.14	0.25	1.13	1.05	1.67	0.67	8.15
2003-04	0.00	0.00	0.00	0.00	0.07	0.47	2.05	0.97	2.32	0.25	0.01	0.02	6.16
2004-05	0.00	0.00	0.00	0.00	2.09	0.44	2.13	2.55	1.69	2.02	0.70	0.84	12.46
2005-06	0.00	0.00	0.00	0.02	0.01	0.21	1.15	3.07	0.48	2.60	2.98	0.54	11.06
2006-07	0.00	0.00	0.00	0.00	0.09	0.16	0.90						
AVERAGE	0.07	0.01	0.03	0.19	0.38	0.90	1.10	1.61	1.55	1.50	0.79	0.22	8.32

Agricultural Crop Report



Kings County
2007

"Water: The Life Blood of Agriculture"

In an average year, 200 million acre-feet of water falls in California as rain or mountain snow. Over half of this amount soaks into the ground, evaporates or is used by plants, leaving approximately 80 million acre-feet of usable surface water. Of this 80 million acre-feet, approximately 33 million acre-feet is left for California's 26.1 million acres of farm and ranch land, with the remaining devoted for environmental purposes, cities and industry. An acre-foot of water equals 326,000 gallons, or enough to cover a football field a foot deep in water. To give you a better idea of how far an acre-foot of water will go, an average California household uses one half acre-foot to one acre-foot of water each year. It takes an additional 3.3 acre-feet of water to grow enough food for an average family for a year. 33 million acre-feet sounds impressive, but it only accounts for about 60% of agriculture's need. The remaining 40% is fulfilled by pumping groundwater from underground aquifers.

"Food Grows Where Water Flows" is a popular slogan seen throughout California on billboards and bumper stickers. Nowhere does that phrase hit home harder than in the Central Valley, and in particular Kings County, where nearly 84% of the land in the county is used for agriculture. In 1871-72, twenty-two years prior to the formation of Kings County, the construction of the People's Ditch Weir, the Lower Kings River Canal, and the Last Chance Ditch were completed. These projects allowed growers in the area to take advantage of the runoff from the surrounding mountains to irrigate the thirsty fields of the desert-like valley below. Today there are approximately 120 miles of canals serving Kings county growers. On average, some growers are able to receive one acre/foot of surface water per acre from these canals, about 1/3 of the water they need for their crops. The remainder usually comes from groundwater pumping or purchases from other sources. In Kings County, it may take over 3 acre-feet of water per acre to produce a crop. Cotton, for example, takes 3 acre-feet per acre, corn 3.5 and almonds 3.23.

Over the years, growers in the Central Valley have had to become more efficient in their irrigation practices in order to sustain their farms. In addition to the needs of a growing population, demand for environmental uses of water, including maintaining instream flows, wild and scenic river flows, wetland protection, and protection of sensitive species have cut the amount of water available to agriculture. Maintaining the level and slope of fields to improve flood irrigation is now a necessity. New plantings of fruit and nut orchards, as well as vineyards, are irrigated using micro sprinklers and/or drip irrigation. Each year additional acres of row crops are irrigated using drip tape below the soil surface, which allows water to be applied directly to the root zone, eliminating most of the evaporation loss. These and other irrigation technologies are allowing the agricultural industry to survive in an era of reduced water supplies and increasing costs of pumping groundwater.

The battle to control California's water is well documented. The state and federal water projects of forty to sixty years ago provided much-needed flood control to many areas of the state, including Kings County. Another benefit to these projects was the ability to manage irrigation supplies throughout the growing season for a region that sees very little rainfall from late spring through the fall. These projects have helped transform a desert area to a region rich in agriculture, contributing to a state that is the leader in agriculture world-wide. Discussions are ongoing regarding the construction of additional reservoirs to increase the state's water storage capacity to help alleviate the ongoing water crisis. In the meantime, farmers will continue to adapt and become more efficient, as they have for generations.

Maybe Mark Twain said it best: "Whiskey is for drinking; water's for fighting over".

Cover photograph courtesy of Robin Michael Roberts.

Department of Agriculture / Measurement Standards

TIM NISWANDER
Agricultural Commissioner
Sealer of Weights and Measures

April 29, 2008

Secretary A.G. Kawamura
California Department of Food and Agriculture
And
The Honorable Board of Supervisors
County of Kings, California

It is my privilege to submit to you the 2007 Annual Agricultural Crop Report for the County of Kings. This report contains statistical information on the acreage, yield and gross values in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code. The numbers in this report are only gross values and do not represent net income or loss to producers.

The gross value of all agricultural crops and products produced during 2007 in Kings County was $1,761,852,000. This represents an increase of $472,666,000 (36.7%) from the 2006 value.

All the major crop categories increased in value. Livestock and Poultry Products (mainly milk) had the largest increase, up $278,080,000 (66.5%), due to volume and pricing increases. Fruit and Nut Crops increased $64,010,000 (25.4%), due to increased acreage and price. Field Crops increased $63,610,000 (17.5%), due to favorable market values. Vegetable crops (mostly processing tomatoes) increased $45,582,000 (60.9%) due mostly to increased acreage and yield. Livestock and Poultry increased $22,696,000 (14.1%) due mainly to increased inventory of cattle and calves. Apiary Products increased $848,000 due to increased pollination acreage and price.

Seed Crops, however, decreased $2,160,000 (-16.7%) due to reduced acreage.

My thanks and appreciation is extended to the many producers and organizations who contributed information for this report. This report was compiled and prepared by Joan Vernon and Robbie Coelho, Agricultural and Standards Inspectors, and Steve Schweizer, Deputy Agricultural Commissioner/Sealer, with assistance from Brandi Martin, Agricultural and Standards Inspector, and Roberta Spomer and Janet Eckles, Agricultural and Standards Aides.

Respectfully Submitted,

Tim Niswander

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Fruit & Nut Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Almonds	**2007**	**13,017**	**1.01**	**13,151**	**TON**	**$3,600.00**	**$47,344,000**
	2006	10,270	0.98	10,065	TON	$5,040.00	$50,728,00
Almond Hulls	**2007**			**7,550**	**TON**	**$116.00**	**$876,000**
	2006			5,956	TON	$100.00	$596,000
Apricots Fresh	**2007**	**486**	**2.19**	**1,064**	**TON**	**$1,360.00**	**$1,447,000**
	2006	757	0.92	696	TON	$1,410.00	$981,000
Firewood	**2007**			**1,500**	**CORD**	**$110.00**	**$165,000**
	2006			1,400	CORD	$120.00	$168,000
Grapes Raisin Varieties Dried	**2007**			**3,940**	**TON**	**$1,120.00**	**$4,413,000**
Crushed				**270**	**TON**	**$150.00**	**$41,000**
Canned				**933**	**TON**	**$260.00**	**$243,000**
Total		**1,910**		**5,143**	**TON**		**$4,697,000**
Grapes Raisin Varieties Dried	2006			4,965	TON	$900.00	$4,469,000
Crushed				281	TON	$150.00	$42,200
Canned				432	TON	$270.00	$117,000
Total		2,119		5,678	TON		$4,628,000
Grapes Table Varieties	**2007**	**1,187**	**6.63**	**7,870**	**TON**	**$1,150.00**	**$9,051,000**
	2006	1,482	12.20	18,080	TON	$1,150.00	$20,792,000
Wine Varieties Total	**2007**	**3,372**	**8.16**	**27,516**	**TON**	**$230.00**	**$6,329,000**
	2006	3,358	11.64	39,087	TON	$260.00	$10,163,000
Grapes Total	**2007**	**6,469**					**$20,077,000**
	2006	6,959					$35,583,000
Nectarines	**2007**	**2,720**	**8.93**	**24,290**	**TON**	**$910.00**	**$22,104,000**
	2006	2,583	7.48	19,321	TON	$910.00	$17,582,000

Fruit & Nut Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Peaches Clings	**2007**	**820**	**20.29**	**16,638**	**TON**	**$290.00**	**$4,825,000**
	2006	1,493	18.27	27,277	TON	$270.00	$7,365,000
Peaches Freestone	**2007**	**3,533**	**10.30**	**36,390**	**TON**	**$940.00**	**$34,207,000**
	2006	3,863	9.28	35,849	TON	$900.00	$32,264,000
Peaches Freezer	**2007**	**363**	**22.11**	**8,026**	**TON**	**$270.00**	**$2,167,000**
	2006	515	23.75	12,231	TON	$240.00	$2,935,000
Peaches Total	**2007**	**4,716**					**$41,199,000**
	2006	5,871					$42,564,000
Pistachios	**2007**	**14,015**	**1.98**	**27,750**	**TON**	**$2,840.00**	**$78,810,000**
	2006	10,013	0.99	9,913	TON	$4,080.00	$40,445,000
Plums	**2007**	**2,466**	**7.87**	**19,407**	**TON**	**$900.00**	**$17,466,000**
	2006	2,022	7.49	15,145	TON	$920.00	$13,933,000
Walnuts	**2007**	**10,998**	**1.92**	**21,116**	**TON**	**$2,180.00**	**$46,033,000**
	2006	8,741	1.93	16,870	TON	$1,700.00	$28,679,000
Others a/	**2007**	**6,027**					**$40,836,000**
	2006	6,222					$21,088,000
TOTAL	**2007**	**60,914**					**$316,357,000**
	2006	53,438					$252,347,000

a/ Includes almond shells, apples, cherries, cherries brine, kiwifruit, oranges, pecans, persimmons, pluots, pomegranates, quince, strawberries and tangerine.

"You could write the story of man's growth in terms of his epic concerns with water."
Bernard Frank

Field Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Beans, Dry a/	**2007**				**TON**		
	2006	2,671	0.76	2,030	TON	$598.00	$1,214,000
Alfalfa, Hay	**2007**	**61,255**	**7.45**	**456,350**	**TON**	**$179.00**	**$81,687,000**
	2006	69,806	6.72	469,096	TON	$128.00	$60,044,000
Alfalfa, Silage b/	**2007**	**16,208**	**6.18**	**100,165**	**TON**	**$39.00**	**$3,906,000**
	2006				TON		
Alfalfa, Stubble	**2007**	**15,314**			**TON**	**$25.00**	**$383,000**
	2006	34,902			TON	$20.00	$698,000
Barley, Grain b/	**2007**	**1,829**	**2.00**	**3,658**	**TON**	**$150.00**	**$549,000**
	2006				TON		
Barley, Silage b/	**2007**	**800**	**14.00**	**11,200**	**TON**	**$20.00**	**$224,000**
	2006				TON		
Corn Grain b/	**2007**	**3,415**	**5.74**	**19,602**	**TON**	**$124.00**	**$2,431,000**
	2006				TON		
Corn Silage	**2007**	**55,383**	**26.96**	**1,493,126**	**TON**	**$33.00**	**$49,273,000**
	2006	66,875	26.04	1,741,425	TON	$24.00	$41,794,000
Cotton Acala-Lint c/	**2007**	**21,150**	**3.47**	**73,391**	**495 lbs.**	**$355.00**	**$26,054,000**
	2006	48,935	2.84	138,975	495 lbs.	$341.00	$47,390,000
Acala- Seed	**2007**			**31,713**	**TON**	**$290.00**	**$9,197,000**
	2006			60,204	TON	$189.00	$11,379,000
Cotton Upland Non-App. - Lint c/ d/	**2007**				**TON**		
	2006	18,799	2.66	50,005	TON	$341.00	$17,052,000
Cotton Upland Non-App. - Seed c/ d/	**2007**				**TON**		
	2006			51,562	TON	$189.00	$9,745,000

Field Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Cotton Pima- Lint c/	**2007**	**110,245**	**2.91**	**320,813**	**495 lbs.**	**$503.00**	**$161,369,000**
	2006	95,880	2.25	215,730	495 lbs.	$519.00	$111,964,000
Pima- Seed	**2007**			**138,966**	**TON**	**$275.00**	**$38,216,000**
	2006				TON	$180.00	$16,786,000
Cotton Pima Non-App. - Seed c/ d/	**2007**				**TON**		
	2006			4,556	TON	$180.00	$820,000
Forage b/	**2007**	**1,772**	**14.67**	**25,995**	**TON**	**$25.00**	**$650,000**
	2006				TON		
Pasture Irrigated	**2007**	**11,000**			**TON**	**$135.00**	**$1,485,000**
	2006	11,000				$135.00	$1,485,000
Pasture Range	**2007**	**189,237**				**$10.00**	**$1,892,000**
	2006	189,237				$10.00	$1,892,000
Oat, Hay	**2007**	**2,143**	**3.17**	**6,793**	**TON**	**$130.00**	**$883,000**
	2006	2,378	4.05	9,631	TON	$80.00	$770,000
Sorghum Silage b/	**2007**	**2,682**	**19.24**	**51,602**	**TON**	**$29.00**	**$1,496,000**
	2006	3,901	14.20	55,394	TON	$23.00	$1,274,000
Sugar Beets	**2007**				**TON**		
	2006	1,654	32.65	54,003	TON	$36.00	$1,944,000
Triticale, Hay b/	**2007**	**1,076**	**2.98**	**3,206**	**TON**	**$150.00**	**$481,000**
	2006				TON		
Triticale, Silage b/	**2007**	**1,124**	**15.28**	**17,175**	**TON**	**$26.00**	**$447,000**
	2006				TON		
Wheat Grain	**2007**	**63,140**	**2.00**	**126,280**	**TON**	**$161.00**	**$20,331,000**
	2006	56,527	2.00	113,054	TON	$145.00	$16,393,000

a/ all Dry Beans.
b/ Previously included in others.
c/ 495 lbs. = 1 bale
d/ no longer able to account for separate acres.

Kings County Board of Supervisors

Joe A. Neves ..... District I

Jon N. Rachford ..... District II

Tony T. Oliveira ..... District III

Tony Barba ..... District IV

Alene L. Taylor ..... District V

County Administrative Officer

Larry Spikes

Agricultural Commissioner/Sealer of Weights and Measures

Tim Niswander

Deputy Agricultural Commissioners/Sealers

Ruben J. Arroyo **Steve Schweizer** **Les Wright**

Agricultural and Standards Inspectors

Tom Chambers **Mario Gutierrez** **Stevie McNeill**

Robbie Coelho **Jimmy Hook** **Rafael Perla**

Bill DeRaad **Michael Leoni** **Alfredo Prieto**

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Lynda Schrumpf

Agricultural and Standards Aides

Janet Eckles **Roberta Spomer**

Clerical

Lynda Gabbard **Diane O'Daniel**

Laura Alvarado **Linda Lavars** **Jennifer Rios**

Carey Smith

Field Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Wheat Silage	**2007**	**32,540**	**18.53**	**602,966**	**TON**	**$26.00**	**$15,677,000**
	2006	38,318	14.72	564,041	TON	$23.00	$12,973,000
Wheat Straw b/	**2007**	**36,500**	**1.25**	**45,625**	**TON**	**$63.00**	**$2,874,000**
	2006				TON		
Others e/	**2007**	**16,750**					**$8,211,000**
	2006	52,700					$6,194,000
TOTAL	**2007**	**643,563**					**$427,716,000**
	2006	695,489					$364,106,000

b/ Previously included in others.
e/ Beans Dry, Barley Grain, Barley Silage, Other Hay, Safflower, Sugar Beets, Sudan Hay, Sudan Silage, and Sorghum/Milo Grain.

Vegetable & Seed Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Garlic, Processed	**2007**	**1,893**	**7.87**	**14,898**	**TON**	**$220.00**	**$3,278,000**
	2006	1,323	8.74	11,563	TON	$127.00	$1,469,000
Melons, All a/	**2007**	**828**	**16.86**	**13,960**	**TON**	**$280.00**	**$3,909,000**
	2006	672	13.35	8,971	TON	$250.00	$2,243,000
Seed Crops b/	**2007**	**13,319**					**$10,802,000**
	2006	21,907					$12,962,000
Tomatoes Processed	**2007**	**26,041**	**45.12**	**1,174,970**	**TON**	**$60.00**	**$70,498,000**
	2006	21,064	29.47	620,756	TON	$56.00	$34,762,000
Other c/	**2007**	**6,846**					**$42,762,000**
	2006	6,616					$36,391,000
TOTAL	**2007**	**48,927**					**$131,249,000**
	2006	51,582					87,827,000

a/ Includes Cantaloupes, Specialty Melons and Watermelons.
b/ Seed Crops include Alfalfa Certified, Asparagus, Cotton Certified, Lettuce & Onion.
c/Asparagus, Broccoli, Cauliflower, Carrots All, Onion Processed, Squash, Tomatoes Fresh, Snap Beans and Sweet Corn.

Inventories of Livestock & Poultry

Item	January 1, 2007 Number of Head	January 1, 2006 Number of Head
Cattle and Calves		
All	**285,000**	280,000
Dairy Cows 2 Years and Over	**178,000**	166,000
Cattle and Calves on Feed	**4,000**	6,000
Other	**145,000**	142,000
Sheep and Lambs	**10,768**	10,003
Goats	**5,247**	5,967
Hogs and Pigs	**1,337**	1,357
Turkeys	**577,824**	586,582

Livestock & Poultry

Item	Year	Number of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle and Calves*	**2007**	**237,486**	**1,943,320**	**Cwt.**	**$83.00**	**$161,296,000**
	2006	212,505	1,593,830	Cwt.	$89.49	$142,632,000
Sheep and Lambs	**2007**	**10,768**	**11,187**	**Cwt.**	**$106.00**	**$1,186,000**
	2006	10,003	11,160	Cwt.	$101.68	$1,138,000
Turkeys	**2007**	**1,837,395**	**45,604,144**	**lb.**	**$0.46**	**$20,978,000**
	2006	1,893,510	45,519,980	lb.	$0.38	$17,389,000
Others a/	**2007**	**28,953**				**$733,000**
	2006	19,784				$338,000
TOTAL	**2007**					**$184,193,000**
	2006					$161,497,000

***Includes Breeding Stock Value in Total.**
a/ Includes chickens, goats, hogs and pigs.

Livestock & Poultry Products

Item	Year	Production	Unit	Value Per Unit	Total
Eggs- Chicken Market	**2007**	**2,967,315**	**DOZ.**	**$0.88**	**$2,611,000**
	2006	2,664,225	DOZ.	$0.88	$2,345,000
Manure	**2007**	**1,285,644**	**TON**	**$0.95**	**$1,221,000**
	2006	1,217,804	TON	$4.75	$5,785,000
Milk Market	**2007**	**38,467,560**	**Cwt.**	**$17.83**	**$685,877,000**
	2006	35,507,859	Cwt.	$11.40	$404,790,000
Milk Mfg.	**2007**	**264,838**	**Cwt.**	**$18.92**	**$5,011,000**
	2006	305,973	Cwt.	$11.40	$3,488,000
Milk- Goats	**2007**	**39,915**	**Cwt.**	**$32.50**	**$1,297,000**
	2006	45,162	Cwt.	$33.90	$1,531,000
Milk Total	**2007**	**38,772,313**	**Cwt.**		**$692,185,000**
	2006	35,858,994	Cwt.		$409,809,000
Wool a/	**2007**	**81,298**	**lb.**	**$0.70**	**$57,000**
	2006	87,626	lb.	$0.63	$55,000
TOTAL	**2007**				**$696,074,000**
	2006				$417,994,000

a/ price does not include incentive.

Water Facts

Southern California today uses about the same water it used in the 1980's - even though its population has grown significantly.

Central Valley residents use up to 300 gallons per person per day, while some Central Coast residents use as little as 50 gallons per day.

Landscaping accounts for about half the water Californians use at home. Showers account for another 18%, while toilets use about 20%.

* Information courtesy of Association of California Water Agencies Website, April 2008.

Apiary Products

Item	Year	Total Production	Unit	Value Per Unit	Total
Honey	**2007**	**773,224**	**lb.**	**$0.97**	**$750,000**
	2006	908,503	lb.	$0.83	$754,000
Beeswax	**2007**	**21,160**	**lb.**	**$1.96**	**$41,000**
	2006	14,797	lb.	$1.95	$29,000
Seed Alfalfa	**2007**	**13,794**	**Colonies**	**$50.00**	**$690,000**
	2006	16,743	Colonies	$38.00	$636,000
Tree Fruit a/	**2007**	**33,800**	**Colonies**	**$138.00**	**$4,664,000**
	2006	28,736	Colonies	$137.00	$3,937,000
Melons	**2007**	**2,016**	**Colonies**	**$55.00**	**$111,000**
	2006	1,008	Colonies	$55.00	$55,000
Vegetable Seed	**2007**	**251**	**Colonies**	**$28.00**	**$7,000**
	2006	155	Colonies	$26.00	$4,000
TOTAL	**2007**				**$6,263,000**
	2006				$5,415,000

a/ almonds, apricot, cherries, and plums.

Agricultural Quick Facts

Kings County is ranked 11th among California counties in agricultural production. (2006)

Kings County is ranked 1st among California counties in the production of Cotton Seed. (2006)

Kings County is ranked 2nd among California counties in the production of Wheat and Cotton Lint. (2006)

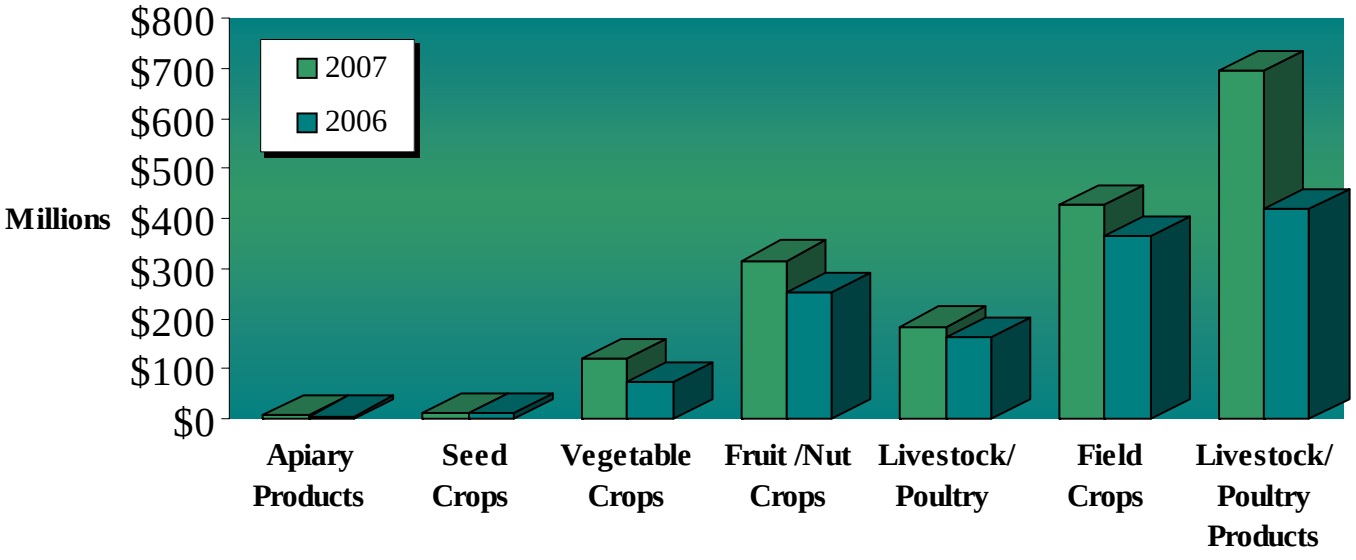
Kings County produces 9.1% of all Milk and Cream in the State, making it the State's 4th largest producer. (2006)

The most prolific milk producing cow the world has ever known, No. 289, lived in this county for 19 years and gave 54,070 gallons of milk - enough to fill more than eight 60-foot tanker trucks.

5 Year Comparison Of Acreage & Crop Values

	2007	2006	2005	2004	2003
Apiary Products	**$6,263,000**	$5,415,000	$2,994,000	$2,518,000	$3,026,000
Field Crops	**$427,716,000**	$364,106,000	$381,789,000	$379,551,000	$313,559,000
Acreage	**643,563**	695,489	710,331	699,129	722,423
Fruit and Nut Crop	**$316,357,000**	$252,347,000	$245,365,000	$172,792,000	$152,269, 000
Acreage	**60,914**	53,438	49,201	48,575	*44,094
Livestock and Poultry	**$184,193,000**	$161,497,000	$202,234,000	$173,532,000	$163,217,000
Livestock and Poultry Products	**$696,074,000**	$417,994,000	* $463,117,000	$459,386,000	$331,393,000
Seed Crops	**$10,802,000**	$12,962,000	$8,340,000	$7,112,000	$2,581,000
Acreage	**13,319**	21,907	9,164	6,694	5,213
Vegetable Crops	**$120,447,000**	$74,865,000	$103,380,000	$97,199,000	$170,921,000
Acreage	**35,608**	29,675	31,597	32,224	31,187
TOTAL	**$1,761,852,000**	$1,289,186,000	*$1,407,219,000	$1,292,090,000	$1,136,966,000

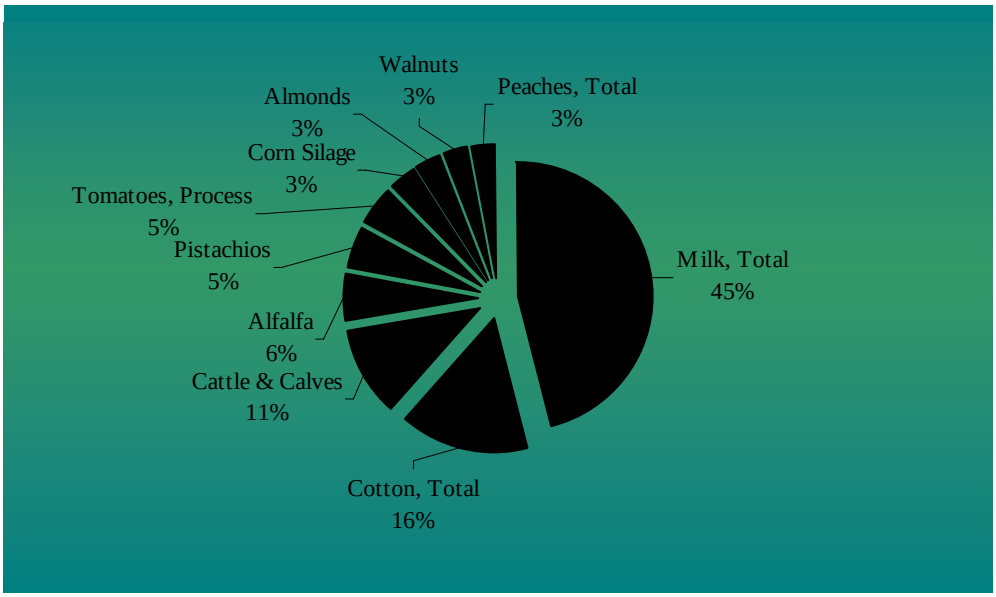
2007 and 2006 Production Value Comparisons



Kings County's 10 Leading Commodities

Crop	2007 Rank	Dollar Value	2006 Rank	2005 Rank
Milk, Total	1	$692,185,000	1	1
Cotton, Total	2	$234,836,000	2	2
Cattle and Calves	3	$161,296,000	3	3
Alfalfa, Total	4	$85,593,000	4	5
Pistachios	5	$78,810,000	8	4
Tomatoes, Processed	6	$70,498,000	10	6
Corn Silage	7	$49,273,000	7	7
Almonds, Total	8	$48,220,000	5	9
Walnuts	9	$46,033,000	12	10
Peaches, Total	10	$41,199,000	6	8
	Total	$1,507,943,000		

Top 10 Commodities



"Anyone who can solve the problems of water will be worthy of two Nobel prizes - one for peace and one for science." John F. Kennedy

Kings County Sustainable Agricultural Report

County Biological Control

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

County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
Glassy Winged Sharpshooter	Nursery Inspections	668 Inspections
Gypsy Moth Lymantria dispar	Household Goods Shipments	558 Inspections
Various Pests	Truck Shipments	19,544 Inspections

Crops	Activity	Scope of Program
Export Commodities	Origin Certification	1,302 issued
Export Seed	Field Inspections	150 sites / 6,205 acres

Kings County Sustainable Agricultural Report

County Pest Eradication

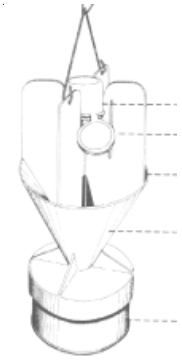
Pest	Agent/Mechanism	Scope of Program
Pink Bollworm Pectinophora gossypiella	Mechanical/Host Free Period	131,395 Acres
Alligatorweed Alternanthera philoxeriodes	Visual Inspection Mechanical/Chemical	6 Sites Treated

County Pest Detection

Pest	Number of Traps	Type of Traps
Mediterranean Fruit Fly	214	Jackson Traps
Mexican Fruit Fly	101	McPhail Traps
All Pupose Fruit Fly	116	Champ Traps
Oriental Fruit Fly	80	Jackson Traps
Melon Fly	80	Jackson Traps
Gypsy Moth	83	Delta Traps
Japanese Beetle	80	Japanese Beetle Traps
Glassy Wing Sharpshooter	40	Yellow Panel Trap
European Pine Shoot Moth	6	Pherocon II Traps
Khapra Beetle	204	Trogo Traps
Plum Med Fly	75	Jackson Traps
Grape Med Fly	9	Jackson Traps
Apple Maggot	4	Adult Monitoring Traps
Total Traps	1,092	

Jackson Trap

McPhail Trap



Japanese Beetle Trap

Export Commodities

Commodities Exported From Kings County

Alfalfa Seed
Animal Feed
Asparagus
Asparagus Seed
Cherries
Cotton Lint
Cotton Seed
Garbanzo Beans
Garlic
Kiwifruit
Nectarines
Onions
Onion Seed
Peaches
Pistachios
Plums
Wheat

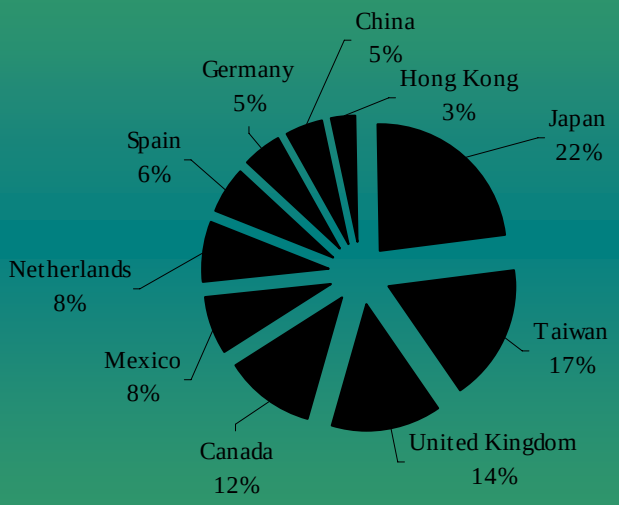
Export Trade Partners of Kings County in 2007

Argentina
Australia
Austria
Bahamas
Brazil
Canada
Chile
China
Colombia
Costa Rica
Cyprus
Ecuador
El Salvador
France
French Polynesia
Germany
Greece
Guatemala
Hong Kong
India
Italy
Japan
Korea
Latvia
Lebanon
Luxembourg
Mexico
Morocco
Netherlands
New Zealand
Nicaragua
No. Mariana Islands
Panama
Peru
Philippines
Portugal
Romania
Singapore
Spain
Taiwan
Ukraine
United Arab Emirates
United Kingdom
Venezuela
Vietnam

To Learn More About Kings County Exports, Visit Our Web Site @ http://www.countyofkings.com

Export Partners

Top Ten Export Countries 2007



Fairs & Expositions

801 S. 10th Ave. Hanford, CA 93230
Phone (559) 584-3318

Certified Farmer's Market

Hanford Certified Farmer's Market
116 W. Seventh Street
Hanford, CA 93230
Thursdays 5:30 P.M. to 8:30 P.M.
May thru October - Irwin Street

Plaza Park Farmer's Market
Downtown Lemoore
Lemoore, CA 93245
Tuesday's 4:00 P.M. to 7:00 P.M.
May thru September - Plaza Park

Almonds
Apples
Apricots
Aprium
Asian Pears
Arugula
Asparagus
Basil
Bell Peppers
Blackberries
Blueberries
Camellias
Cantaloupes
Carrots
Cherries
Chilies
Chestnuts
Corn
Cucumbers
Eggplant
Figs
Fresh cut Flowers
Garlic
Grapefruit
Grapes
Herbs
Honey
Iris
Kiwifruit
Legumes
Lillies
Lemons
Limes
Mandarin
Mixed Melons
Mushrooms
Nectarines
Olives
Onions
Oranges
Oregano
Limes
Peaches
Peanuts
Pears
Pecans
Peppers
Persimmons
Pistachios
Plums
Pluots
Pomegranates
Pommelos
Potatoes
Quince
Radicchio
Radishes
Raspberries
Squash
Strawberries
Sweet Corn
Tangerines
Tayberry
Tomatoes
Tsatsumas
Walnuts
Watermelon
Zucchini

"What makes the desert beautiful is that somewhere it hides a well."
Antoine de Saint Exupery

Land Use

Surrounding Counties	2006 Rank	2006 Gross Value*	Total County Area Acres	Top Commodity	2006 Value	Acres or No. of Head
Fresno	1	$4,843,392,000	3,840,000	Grapes	$562,751,000	192,458
Tulare	2	$3,870,843,000	3,112,320	Milk	$1,179,394,000	615,000
Monterey	3	$3,489,923,000	2,127,359	Leaf Lettuce	$630,370,000	103,256
Kern	4	$3,476,801,000	5,166,720	Almonds	$494,302,000	127,700
Kings	**11**	**$1,289,186,000**	**890,545**	**Milk**	**$409,809,000**	**165,316**

*** Gross Value does not include timber.**

Kings County Land Use Summary

Land Use Category	2004 Acres	2004 Percent	2006 Acres	2006 Percent	Acre Change
Prime Farmland	**140,582**	**16**	**139,212**	**16**	**- 1370**
Farmland of Statewide Importance	**429,773**	**48**	**420,422**	**47**	**- 9,351**
Unique Farmland	**28,523**	**3**	**25,982**	**3**	**- 2541**
Farmland of Local Importance	**8,283**	**1**	**8,868**	**1**	**+ 585**
Grazing Land	**233,493**	**26**	**243,183**	**27**	**+ 9,690**
Urban and Built-Up Land	**30,767**	**3**	**31,448**	**3**	**+ 681**
Other Land	**19,297**	**2**	**21,603**	**2**	**+ 2,306**
Water Area	**66**	**0**	**66**	**0**	**0**
Total Acres	**890,784**		**890,784**		

From the California Department of Conservation.

Kings County General Information

County Seat	**Hanford**
County Population (2007)	**151,381**
Population per Square Mile	**108.80**
Total Assessed Value (2007)	**$7,817,731,713**
Land Area (Square Miles)	**1,391**
Total Acres	**890,545***
Total Harvested Crop Acreage (2007)	**751,404**
Foreign Ownership (2007)	**4,009 (acres)**
Total Farmland	**749,100**

Public Ownership of Land (Acres - 2007)

Federal	**27,313.76**
State	**4,015.99**
County	**1,421.61**
Local Agencies	**3,587.01**

Agricultural production ranked 11th among California counties (based on 2006 total value).

Railroads - Burlington Northern & Santa Fe and Union 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 - 175 feet above sea level at Tulare Lake to 3500 feet above sea level at the Kings/ Monterey County line boundary.

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.

*From the Kings County Planning Department.

RAINFALL - HANFORD, CA

YEAR	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	TOTAL
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
1999-00	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
2000-01	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
2001-02	0.00	0.09	0.00	0.00	0.18	1.84	1.99	0.87	0.31	1.04	0.03	0.01	6.36
2002-03	0.82	0.00	0.00	0.00	0.00	1.42	1.14	0.25	1.13	1.05	1.67	0.67	8.15
2003-04	0.00	0.00	0.00	0.00	0.07	0.47	2.05	0.97	2.32	0.25	0.01	0.02	6.16
2004-05	0.00	0.00	0.00	0.00	2.09	0.44	2.13	2.55	1.69	2.02	0.70	0.84	12.46
2005-06	0.00	0.00	0.00	0.02	0.01	0.21	1.15	3.07	0.48	2.60	2.98	0.54	11.06
2006-07	0.00	0.00	0.00	0.00	0.09	0.16	0.90	0.61	0.90	0.22	0.27	0.01	3.16
2007-08	0.00	0.00	0.05	0.32	0.30	0.10							
AVERAGE	0.07	0.01	0.03	0.20	0.38	0.88	1.07	1.59	1.52	1.43	0.75	0.21	8.12

50 YEAR AVERAGE RAINFALL

Kings County

Agricultural Crop Report

2008

In the United States, as well as South America and Australia, sorghum is used primarily as a livestock feed in the form of “green chop”, hay, silage, and/or pasture. Its growing popularity in Kings County is due in large measure to its drought tolerance and nutritional value being comparable to corn. Sorghum requires little water to grow in comparison to many other crops; in fact it will go dormant in the absence of water and re-grow once water is available to the plant. These characteristics make it a viable alternative to growers looking to diversify their farming operation, while conserving the resources that are becoming increasingly restricted and less available.

Sorghum originated on the continent of Africa. One of the earliest findings of sorghum being used domestically was discovered in an archeological dig in North Africa. The excavation documented sorghum’s domesticated use 8000 years ago. It was also grown in India before recorded history and in Assyria as early as 700 B.C. The crop reached China in the 13th century, and much later the Western Hemisphere. Its introduction to what is now the United States came in the 17th century, but it was not extensively planted here until the 1850s. That’s when a forage variety called Black Amber, also known as “Chinese sugarcane” possibly alluding to its Chinese heritage, was introduced by way of France. Ben Franklin made one of the earliest notations about the plant in 1757, describing sorghum as having ideal attributes for producing brooms.

Historically in the U. S., sorghum was mostly grown as a source of sugar for syrup. Today, its uses are diverse. Sorghum is a powerhouse of nutrition for animal and human consumption alike. It is the third leading cereal crop in the United States; however, domestically it is used almost exclusively for animal feed. In other regions of the world it is still used as a major food source for humans, and worldwide it is the third largest food grain. In addition to being an animal feed source, it is used as a substitute for wheat in gluten-free food products and as a renewable source of ethanol-based energy. Grain sorghum is capable of producing the same amount of ethanol as corn, while utilizing one-third less water. In Kings County its use is primarily for animal feed.

Generally, four types of sorghum are grown in Kings County.

- Grain sorghum – includes varieties that grow 2-5 feet tall for easier harvesting of the grain.
- Forage sorghum – includes varieties that grow 6-12 feet tall and produced more dry matter tonnage than grain sorghum.
- Sudangrass – a fine stem, short season sorghum used for pasture, hay, or silage.
- Sorghum-sudangrass hybrids – cross between the two forage types that have intermediate yield potential and can be used for pasture, hay, or silage.

Sorghum acreage continues to increase in Kings County. From 2003 to 2008 sorghum acreage has increased steadily, from 43 acres to 4,500 acres. The value of sorghum is now being recognized due to new varieties with increased production and its ability to grow on less water than corn, yet maintaining comparable tonnage and nutrient values per acre. The amount of acres grown in Kings County will continue to depend on several factors, including the results of ongoing tests on the nutritional value of sorghum for cattle, fertilizer costs, as well as the increasing expense and availability of water. If the nutritional values are close to corn, growing sorghum may be an easier choice for growers looking to maximize their profit margin in these times of persistent water shortages and increased input costs.

Cover photography courtesy of Robbie Coelho.

Department of Agriculture / Measurement Standards

TIM NISWANDER
Agricultural Commissioner
Sealer of Weights and Measures

May 12, 2009

Secretary A.G. Kawamura
California Department of Food and Agriculture
And
The Honorable Board of Supervisors
County of Kings, California

It is my privilege to submit to you the 2008 Annual Agricultural Crop Report for the County of Kings. This report contains statistical information on the acreage, yield and gross values in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code. The numbers in this report are only gross values and do not represent net income or loss to producers.

The gross value of all agricultural crops and products produced during 2008 in Kings County was $1,760,168,000. This represents a decrease of $1,684,000 (0.1%) from the 2007 value.

Most major crop categories decreased in value, with the exception of vegetable and field crops. Field crops (led by wheat grain) had the largest increase, up $71,732,000 (16.8%) due to acreage and pricing increases. Vegetable Crops increased $39,604,000 (32.9%), due to increased acreage, yield and price.

The following categories contributed to the overall decrease: Fruit and Nut Crops had the largest decrease in value, down $55,322,000 (-17.5%), due largely to lower nut prices. Livestock and Poultry declined $36,301,000 (-19.7%), due to decreasing prices and fewer cattle and calves on-hand. Livestock and Poultry Products decreased $18,606,000 (-2.7%) due to lower milk prices. Seed Crops decreased $2,039,000 (-18.9%) due to reduced acreage. Apiary Products decreased $752,000 (-12%) due mainly to decreased pollination prices.

My thanks and appreciation is extended to the many producers and organizations who contributed information for this report. This report was compiled and prepared by Joan Vernon and Robbie Coelho, Agricultural and Standards Inspectors, and Steve Schweizer, Deputy Agricultural Commissioner/Sealer, with assistance from Roberta Spomer and Janet Eckles, Agricultural and Standards Aides.

Respectfully Submitted,

Tim Niswander

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Tony Barba ..... District IV

Richard Fagundes ..... District V

County Administrative Officer

Larry Spikes

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Laura Alvarado **Linda Lavars** **Carey Smith**

Fruit & Nut Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Almond	**2008**	**13,054**	**0.71**	**9,268**	**TON**	**$2,700.00**	**$25,024,000**
	2007	13,017	1.01	13,151	TON	$3,600.00	$47,344,000
Almond Hulls	**2008**			**18,517**	**TON**	**$159.00**	**$2,944,000**
	2007			7,550	TON	$116.00	$876,000
Almond Shells a/	**2008**			**2,222**	**TON**	**$42.30**	**$94,000**
	2007				TON		$0
Apricots Fresh	**2008**	**696**	**7.40**	**5,153**	**TON**	**$1,700.00**	**$8,760,000**
	2007	486	2.19	1,064	TON	$1,360.00	$1,447,000
Firewood	**2008**			**610**	**CORD**	**$103.00**	**$63,000**
	2007			1,500	CORD	$110.00	$165,000
Grapes Raisin Varieties	**2008**						
Fresh, Table				**36**	**TON**	**$1,090.00**	**$39,100**
Dried				**5,113**	**TON**	**$1,260.00**	**$6,442,000**
Crushed				**567**	**TON**	**$225.00**	**$128,000**
Canned				**1,032**	**TON**	**$282.00**	**$291,000**
Total		**2,256**		**6,747**	**TON**		**$6,900,000**
Grapes Raisin Varieties	2007						
Fresh, Table				0	TON	$0.00	$0
Dried				3,940	TON	$1,120.00	$4,413,000
Crushed				270	TON	$150.00	$40,500
Canned				933	TON	$260.00	$243,000
Total		1,910		5,143	TON		$4,697,000
Grapes Table Varieties	**2008**	**935**	**9.31**	**8,705**	**TON**	**$1,100.00**	**$9,576,000**
	2007	1,187	6.63	7,870	TON	$1,150.00	$9,051,000
Wine Varieties Total	**2008**	**3,297**	**10.83**	**35,707**	**TON**	**$245.00**	**$8,748,000**
	2007	3,372	8.16	27,516	TON	$230.00	$6,329,000
Grapes Total	**2008**	**6,488**					**$25,224,000**
	2007	6,469					$20,077,000
Nectarines	**2008**	**2,796**	**8.38**	**23,430**	**TON**	**$981.00**	**$22,985,000**
	2007	2,720	8.93	24,290	TON	$910.00	$22,104,000

Fruit & Nut Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Peaches Clings	**2008**	**847**	**20.26**	**17,168**	**TON**	**$314.00**	**$5,391,000**
	2007	820	20.29	16,638	TON	$290.00	$4,825,000
Peaches Freestone	**2008**	**3,651**	**8.79**	**32,091**	**TON**	**$963.00**	**$30,904,000**
	2007	3,533	10.30	36,390	TON	$940.00	$34,207,000
Peaches Freezer	**2008**	**442**	**19.30**	**8,527**	**TON**	**$282.00**	**$2,405,000**
	2007	363	22.11	8,026	TON	$270.00	$2,167,000
Peaches Total	**2008**	**4,940**					**$38,700,000**
	2007	4,716					$41,199,000
Pistachios	**2008**	**14,396**	**0.88**	**12,668**	**TON**	**$4,190.00**	**$53,079,000**
	2007	14,015	1.98	27,750	TON	$2,840.00	$78,810,000
Plums	**2008**	**2,610**	**7.14**	**18,637**	**TON**	**$916.00**	**$17,071,000**
	2007	2,466	7.87	19,407	TON	$900.00	$17,466,000
Walnuts	**2008**	**12,630**	**2.00**	**2 5,261**	**TON**	**$1,320.00**	**$33,345,000**
	2007	10,998	1.92	21,116	TON	$2,180.00	$46,033,000
Others b/	**2008**	**4,750**					**$33,746,000**
	2007	6,027					$40,836,000
TOTAL	**2008**	**62,361**					**$261,035,000**
	2007	60,914					$315,481,000

a/ **Previously included in "Others"**
b/ Includes apples, cherries, kiwifruit, oranges, pecans, persimmons, pluots, pomegranates, quince, strawberries and tangerine.

"Advances in medicine and agriculture have saved vastly more lives than have been lost in all the wars in history."
Dr. Carl Sagan 1934-1996

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Alfalfa, Hay	**2008**	**75,941**	**6.51**	**494,376**	**TON**	**$208.00**	**$102,830,000**
	2007	61,255	7.45	456,350	TON	$179.00	$81,687,000
Alfalfa, Silage	**2008**	**10,204**	**4.01**	**40,918**	**TON**	**$38.70**	**$1,584,000**
	2007	16,208	6.18	100,165	TON	$39.00	$3,906,000
Alfalfa, Stubble	**2008**	**18,985**			**TON**	**$25.00**	**$475,000**
	2007	15,314			TON	$25.00	$383,000
Barley, Grain a/	**2008**				**TON**		
	2007	1,829	2.00	3,658	TON	$150.00	$549,000
Barley, Silage	**2008**	**962**	**11.10**	**10,678**	**TON**	**$31.00**	**$331,000**
	2007	800	14.00	11,200	TON	$20.00	$224,000
Corn Grain	**2008**	**2,953**	**5.29**	**15,621**	**TON**	**$196.00**	**$3,062,000**
	2007	3,415	5.74	19,602	TON	$124.00	$2,431,000
Corn Silage	**2008**	**73,944**	**27.00**	**1,996,488**	**TON**	**$48.10**	**$96,031,000**
	2007	55,383	26.96	1,493,126	TON	$33.00	$49,273,000
Cotton Acala-Lint b/	**2008**	**13,515**	**3.04**	**41,086**	**495 lbs.**	**$374.00**	**$15,366,000**
	2007	21,150	3.47	73,391	495 lbs.	$355.00	$26,054,000
Cotton Acala- Seed	**2008**			**17,751**	**TON**	**$260.00**	**$4,615,000**
	2007			31,713	TON	$290.00	$9,197,000
Cotton Pima- Lint b/	**2008**	**72,465**	**2.49**	**180,438**	**495 lbs.**	**$569.00**	**$102,669,000**
	2007	110,245	2.91	320,813	495 lbs.	$503.00	$161,369,000
Cotton Pima- Seed	**2008**			**78,165**	**TON**	**$230.00**	**$17,978,000**
	2007			138,966	TON	$275.00	$38,216,000
Forage a/	**2008**				**TON**		
	2007	1,772	14.67	25,995	TON	$25.00	$650,000

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Pasture Irrigated	**2008**	**11,000**				**$145.00**	**$1,595,000**
	2007	11,000				$135.00	$1,485,000
Pasture Range	**2008**	**189,237**				**$15.00**	**$2,839,000**
	2007	189,237				$10.00	$1,892,000
Oat, Hay	**2008**	**3,553**	**3.04**	**10,800**	**TON**	**$170.00**	**$1,836,000**
	2007	2,143	3.17	6,793	TON	$130.00	$883,000
Safflower c/	**2008**	**19,387**	**1.04**	**20,162**	**TON**	**$443.00**	**$8,932,000**
	2007				TON		
Sorghum Silage	**2008**	**8,662**	**16.50**	**142,923**	**TON**	**$35.40**	**$5,059,000**
	2007	2,682	19.24	51,602	TON	$29.00	$1,496,000
Sudan Hay c/	**2008**	**1,404**	**2.60**	**3,651**	**TON**	**$139.00**	**$507,000**
	2007						
Sudan Silage c/	**2008**	**1,394**	**12.80**	**17,843**	**TON**	**$34.50**	**$616,000**
	2007						
Triticale, Hay	**2008**	**2,533**	**3.36**	**8,511**	**TON**	**$250.00**	**$2,128,000**
	2007	1,076	2.98	3,206	TON	$150.00	$481,000
Triticale, Silage	**2008**	**2,573**	**17.90**	**46,057**	**TON**	**$40.00**	**$1,842,000**
	2007	1,124	15.28	17,175	TON	$26.00	$447,000
Wheat Grain	**2008**	**91,987**	**3.39**	**311,836**	**TON**	**$240.00**	**$74,841,000**
	2007	63,140	2.00	126,280	TON	$161.00	$20,331,000
Wheat Silage	**2008**	**57,727**	**17.80**	**1,027,548**	**TON**	**$39.10**	**$40,177,000**
	2007	32,540	18.53	602,966	TON	$26.00	$15,677,000
Wheat Straw	**2008**	**90,653**	**2.50**	**226,633**	**TON**	**$45.00**	**$10,198,000**
	2007	36,500	1.25	45,625	TON	$63.00	$2,874,000

Field Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Others d/	**2008**	**5,801**					**$3,937,000**
	2007	16,750					$8,211,000
TOTAL	**2008**	**754,880**					**$499,448,000**
	2007	643,563					$427,716,000

a/ Currenty included in Others
b/ 495 lbs. = 1 bale
c/ Previously included in Others
d/ Beans Dry, Barley Grain, Corn Grain Ethanol, Forage, Other Hay, Ryegrass, Screenings, Sugar Beets, Sugar Beets-Silage.

Vegetable & Seed Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Garlic Processed	**2008**	**1,835**	**10.43**	**19,132**	**TON**	**$248.00**	**$4,737,000**
	2007	1,893	7.87	14,898	TON	$220.00	$3,278,000
Melons, All a/	**2008**	**1,173**	**17.63**	**20,674**	**TON**	**$133.50**	**$2,760,000**
	2007	828	16.86	13,960	TON	$280.00	$3,909,000
Seed Crops b/	**2008**	**6,404**			**TON**		**$8,763,000**
	2007	13,319			TON		$10,802,000
Tomatoes Processed	**2008**	**30,425**	**49.88**	**1,517,750**	**TON**	**$66.60**	**$101,083,000**
	2007	26,041	45.12	1,174,970	TON	$60.00	$70,498,000
Other c/	**2008**	**7,241**					**$51,471,000**
	2007	6,846					$42,762,000
TOTAL	**2008**	**47,087**					**$168,814,000**
	2007	48,927					$131,249,000

a/ Includes Cantaloupes, Specialty Melons and Watermelons.
b/Alfalfa Certified, Asparagus, Carrot, Corn, Lettuce and Onion.
c/ Asparagus, Broccoli, Broccoli Organic, Carrots, Cauliflower, Fresh Tomatoes, Peppers and Onions Processsed.

Inventories of Livestock & Poultry

Item	January 1, 2008 Number of Head	January 1, 2007 Number of Head
Cattle and Calves		
All	**326,000**	**285,000**
Dairy Cows 2 Years and Over	**180,000**	178,000
Cattle and Calves on Feed	**7,000**	4,000
Other	**201,000**	145,000
Sheep and Lambs	**9,669**	10,768
Goats	**7,220**	5,247
Hogs and Pigs	**141**	1,337
Turkeys	**481,866**	577,824

Livestock & Poultry

Item	Year	Number of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle and Calves*	**2008**	**208,230**	**1,831,416**	**Cwt.**	**$65.70**	**$120,324,000**
	2007	237,486	1,943,320	Cwt.	$83.00	$161,296,000
Sheep and Lambs	**2008**	**9,669**	**11,392**	**Cwt.**	**$124.00**	**$1,413,000**
	2007	10,768	11,187	Cwt.	$106.00	$1,186,000
Turkeys	**2008**	**1,927,465**	**44,162,921**	**lb.**	**$0.59**	**$25,950,000**
	2007	1,837,395	45,604,144	lb.	$0.46	$20,978,000
Others a/	**2008**	**24,868**				**$205,000**
	2007	28,953				$733,000
TOTAL	**2008**					**$147,892,000**
	2007					$184,193,000

***Includes Breeding Stock Value in Total.**
a/ Includes chickens, goats, hogs and pigs.

Livestock & Poultry Products

Item	Year	Production	Unit	Value Per Unit	Total
Eggs- Chicken Market	**2008**	**2,755,800**	**Doz.**	**$1.46**	**$4,023,000**
	2007	2,967,315	Doz.	$0.88	$2,611,000
Manure	**2008**	**1,252,869**	**Ton**	**$2.35**	**$2,945,000**
	2007	1,285,644	Ton	$0.95	$1,221,000
Milk Market	**2008**	**40,179,265**	**Cwt.**	**$16.60**	**$666,976,000**
	2007	38,467,560	Cwt.	$17.83	$685,877,000
Milk Mfg.	**2008**	**113,188**	**Cwt.**	**$18.70**	**$2,117,000**
	2007	264,838	Cwt.	$18.92	$5,011,000
Milk- Goats	**2008**	**36,229**	**Cwt.**	**$36.30**	**$1,315,000**
	2007	39,915	Cwt.	$32.50	$1,297,000
Milk Total	**2008**	**40,328,682**	**Cwt.**		**$670,408,000**
	2007	38,772,313	Cwt.		$692,185,000
Wool*a/	**2008**	**76,800**	**lb.**	**$1.20**	**$92,000**
	2007	81,298	lb.	$0.70	$57,000
TOTAL	**2008**				**$677,468,000**
	2007				$696,074,000

a/ price does not include incentive.

Sorghum Facts

The United States was the top sorghum producing country in the world in 2005.

Grain sorghum produces the same amount of ethanol per bushel as corn while utilizing one-third less water.*

Dried sorghum plant stems are used to make parts of brooms.

* Information courtesy of CA News Net

Apiary Products

Item	Year	Total Production	Unit	Value Per Unit	Total
Honey	**2008**	**560,860**	**lb.**	**$1.33**	**$746,000**
	2007	773,224	lb.	$0.97	$750,000
Beeswax	**2008**	**11,800**	**lb.**	**$1.39**	**$16,400**
	2007	21,160	lb.	$1.96	$41,000
Seed Alfalfa	**2008**	**17,619**	**Colonies**	**$34.20**	**$603,000**
	2007	13,794	Colonies	$50.00	$690,000
Tree Fruit a/	**2008**	**29,460**	**Colonies**	**$138.60**	**$4,083,000**
	2007	33,800	Colonies	$138.00	$4,664,000
Melons	**2008**	**1,616**	**Colonies**	**$25.90**	**$41,800**
	2007	2,016	Colonies	$55.00	$111,000
Vegetable Seed	**2008**	**595**	**Colonies**	**$34.10**	**$20,300**
	2007	251	Colonies	$28.00	$7,000
TOTAL	**2008**				**$5,511,000**
	2007				$6,263,000

a/ almonds, apricot, cherries, and plums.

Agricultural Quick Facts

Kings County is ranked 8th among California counties in agricultural production. (2007)

Kings County is ranked 2nd among California counties in the production of cotton lint and cottonseed. (2007)

Kings County is ranked 3rd in the commodity categories of nectarines, plums and wheat. (2007)

Kings County produces 9.5% of all milk and cream in the state, making it the state's 4th largest producer, a rank shared with Kern County. (2007)

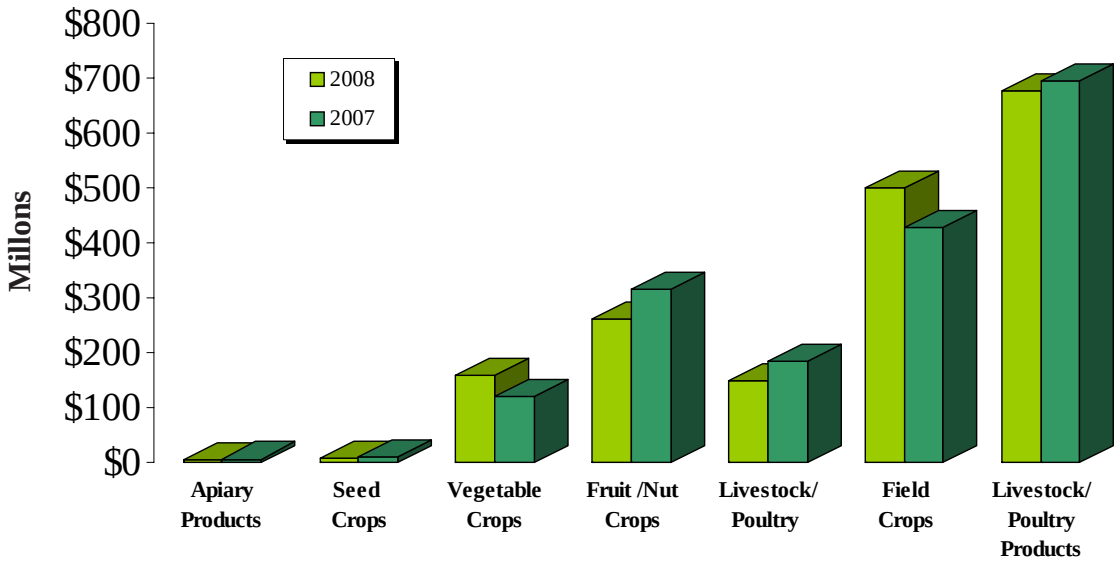
The most prolific milk producing cow the world has ever known, No. 289, lived in this county for 19 years and gave 54,070 gallons of milk - enough to fill more than eight 60-foot tanker trucks.

5 Year Comparison Of Acreage & Crop Values

	2008	2007	2006	2005	2004
Apiary Products	**$5,511,000**	$6,263,000	$5,415,000	$2,994,000	$2,518,000
Field Crops	**$499,448,000**	$427,716,000	$364,106,000	$381,789,000	$379,551,000
Acreage	**754,880**	643,563	695,489	710,331	699,129
Fruit and Nut Crop	**$261,035,000**	$316,357,000	$252,347,000	$245,365,000	$172,792,000
Acreage	**62,361**	60,914	53,438	49,201	48,575
Livestock and Poultry	**$147,892,000**	$184,193,000	$161,497,000	$202,234,000	$173,532,000
Livestock and Poultry Products	**$677,468,000**	$696,074,000	$417,994,000	* $463,117,000	$459,386,000
Seed Crops	**$8,763,000**	$10,802,000	$12,962,000	$8,340,000	$7,112,000
Acreage	**6,404**	13,319	21,907	9,164	6,694
Vegetable Crops	**$160,051,000**	$120,447,000	$74,865,000	$103,380,000	$97,199,000
Acreage	**40,674**	35,608	29,675	31,597	32,224
TOTAL	**$1,760,168,000**	$1,761,852,000	$1,289,186,000	*$1,407,219,000	$1,292,090,000

*** Revised**

2008 and 2007 Production Value Comparisons



Kings County's 10 Leading Commodities

Crop	2008 Rank	Dollar Value	2007 Rank	2006 Rank	1958 Rank
Milk, Total	1	$670,408,000	1	1	3
Cotton, Total	2	$140,628,000	2	2	1
Cattle and Calves	3	$120,324,000	3	3	5
Alfalfa, Total	4	$104,889,000	4	4	4
Tomatoes, Processed	5	$101,083,000	6	5	n/a
Corn Silage	6	$96,031,000	7	7	16
Wheat Grain	7	$74,841,000	17	18	19
Pistachios	8	$53,079,000	5	8	n/a
Wheat, Silage	9	$40,177,000	20	20	n/a
Peaches, Total	10	$38,700,000	10	6	9
	Total	$1,440,160,000			

A Look Back, 50 Years Ago.....1958
Kings County's 10 Leading Commodities

Crop	Rank	Dollar Value
Cotton, Total	1	$33,869,465
Barley, Total	2	$ 9,883,363
Cattle & Calves	3	$ 9,204,638
Milk, Total	4	$ 8,761,440
Alfalfa, Total	5	$ 7,909,937
Permanent Pasture	6	$ 2,695,500
Grapes, Total	7	$ 1,889,168
Turkeys	8	$ 1,537,869
Peaches	9	$ 1,325,848
Cantaloupes	10	$ 769,107

"No race can prosper till it learns there is as much dignity in tilling a field as writing a poem."
- Booker T. Washington

County Biological Control

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

County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
Glassy Winged Sharpshooter	Nursery Inspections	1,129 Inspections
Gypsy Moth Lymantria dispar	Household Goods Shipments	171 Inspections
Various Pests	Truck Shipments	39,611 Inspections

Crops	Activity	Scope of Program
Export Commodities	Origin Certification	1,441 issued
Export Seed	Field Inspections	173 sites / 13,955 acres

County Pest Eradication

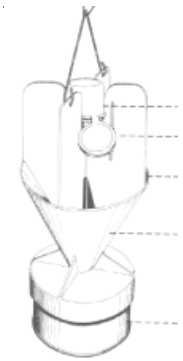
Pest	Agent/Mechanism	Scope of Program
Pink Bollworm Pectinophora gossypiella	Mechanical/Host Free Period	85,980 Acres
Alligatorweed Alternanthera philoxeriodes	Visual Inspection Mechanical/Chemical	2 Sites Treated

County Pest Detection

Pest	Number of Traps	Type of Traps
Mediterranean Fruit Fly	214	Jackson Traps
Mexican Fruit Fly	101	McPhail Traps
All Pupose Fruit Fly	116	Champ Traps
Oriental Fruit Fly	80	Jackson Traps
Melon Fly	80	Jackson Traps
Gypsy Moth	83	Delta Traps
Japanese Beetle	80	Japanese Beetle Traps
Glassy Wing Sharpshooter	87	Yellow Panel Trap
European Pine Shoot Moth	5	Pherocon II Traps
Khapra Beetle	204	Trogo Traps
Apple Maggot	4	Adult Monitoring Traps
European Corn Borer	13	Pherocon II Traps
Total Traps	1,092	

Jackson Trap

McPhail Trap



Japanese Beetle Trap

Export Commodities

Commodities Exported From Kings County

Alfalfa
Alfalfa Seed
Almonds
Asparagus Seed
Celery Seed
Cherries
Cotton Seed
Garlic
Garlic Seed
Grapes
Kiwifruit
Nectarines
Onions
Onion Seed
Peaches
Pistachios
Plums
Wheat
Wheat Grain
Wheat Seed
Walnuts

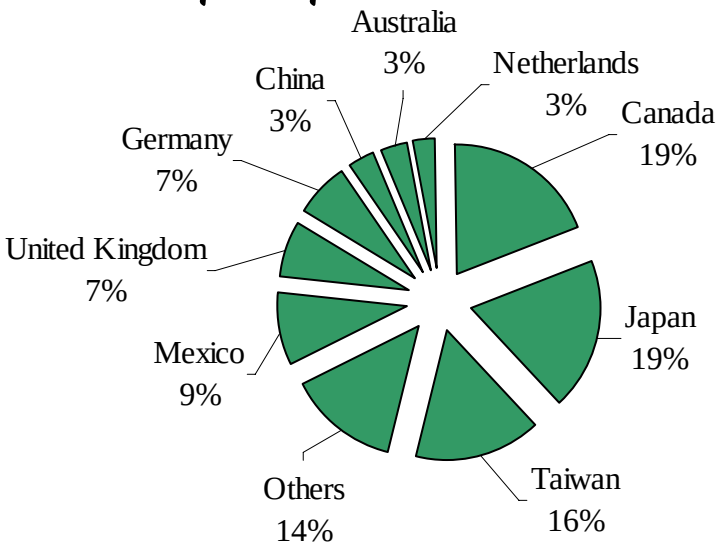
Export Trade Partners of Kings County in 2008

Australia
Austria
Brazil
Canada
Chile
China
Colombia
Costa Rica
Cyprus
Ecuador
Egypt
El Salvador
France
Germany
Guatemala
Honduras
Hong Kong
India
Italy
Japan
Jordan
Korea
Lebanon
Luxembourg
Mexico
Morocco
Netherlands
New Zealand
Norway
Panama
Peru
Philippines
Portugal
Puerto Rico
Romania
Russian Federation
Saudi Arabia
Spain
Sweden
Taiwan
Trinidad
Turkey
United Arab Emirates
United Kingdom
Venezuela

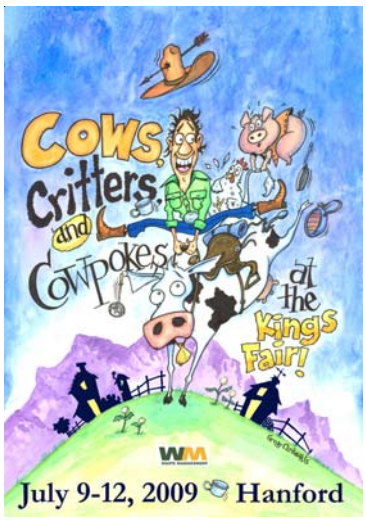
To Learn More About Kings County Exports, Visit Our Web Site @ http://www.countyofkings.com

Export Partners

Top Export Countries 2008



Fairs & Expositions



801 S. 10th Ave. Hanford, CA 93230
Phone (559) 584-3318

Certified Farmer's Market

Hanford Certified Farmer's Market
116 W. Seventh Street
Hanford, CA 93230
Thursdays 5:30 P.M. to 8:30 P.M.
May thru October - Irwin Street

Alliums
Almonds
Apples
Apricots
Aprium
Asian Pears
Arugula
Asparagus
Basil
Beets
Bell Peppers
Blackberries
Blueberries
Cactus
Camellias
Cantaloupes
Celery
Carrots
Cherries
Chestnuts
Chilies
Chestnuts
Corn
Cucumbers
Eggplant
Eggs
Figs
Fresh Cut Flowers
Garlic
Grapefruit
Grapes
Herbs
Honey
Hot Peppers
Kale
Kiwifruit
Legumes
Lillies
Lemons
Lillys
Limes
Mandarin
Marigold
Mixed Melons
Nectarines
Olives
Oranges
Oregano
Peaches
Pears
Pepper
Persimmons
Pistachios
Plums
Pluots
Pomegranates
Pommelos
Potatoes
Pumkins
Quince
Radicchio
Radishes
Raisins
Soybeans
Spinach
Raspberries
Squash
Sunflowers
Strawberries
Sweet Onions
Swiss Chard
Tangerines
Tomatoes
Tsatsumas
Walnuts
Watermelon
Wild Flower Mix
Zucchini

Land Use

Surrounding Counties	2007 Rank	2007 Gross Value*	Total County Area Acres	Top Commodity	2007 Value	Acres or No. of Head
Fresno	1	$5,345,352,000	3,840,000	Grapes	$613,710,000	195,515
Tulare	2	$4,873,743,000	3,112,320	Milk	$1,897,457,000	615,000
Kern	3	$4,092,107,000	2,127,359	Milk	$692,173,000	293,000
Monterey	4	$3,823,287,000	5,166,720	Leaf Lettuce	$613,306,000	94,608
Kings	**8**	**$1,761,852,000**	**890,545**	**Milk**	**$692,185,000**	**178,000**

*** Gross Value does not include timber.**

Kings County Land Use Summary

Land Use Category	2004 Acres	2004 Percent	2006 Acres	2006 Percent	Acre Change
Prime Farmland	140,582	16	139,212	16	- 1370
Farmland of Statewide Importance	429,773	48	420,422	47	- 9,351
Unique Farmland	28,523	3	25,982	3	- 2541
Farmland of Local Importance	8,283	1	8,868	1	+ 585
Grazing Land	233,493	26	243,183	27	+ 9,690
Urban and Built-Up Land	30,767	3	31,448	3	+ 681
Other Land	19,297	2	21,603	2	+ 2,306
Water Area	66	0	66	0	0
Total Acres	890,784		890,784		

From the California Department of Conservation.

Kings County General Information

County Seat	**Hanford**
County Population (2008)	**154,434**
Population per Square Mile	**104.05**
Total Assessed Value (2008)	**$8,467,007,072**
Land Area (Square Miles)	**1,391**
Total Acres	**890,545***
Total Harvested Crop Acreage (2008)	**675,082**
Foreign Ownership (2008)	**4,009 (acres)**
Total Farmland	**749,100**

Public Ownership of Land (Acres - 2008)

Federal	**27,313.76**
State	**4,015.99**
County	**1,421.61**
Local Agencies	**3,587.01**

Agricultural production ranked 8th among California counties (based on 2007 total value).

Railroads - Burlington Northern & Santa Fe and Union 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 - 175 feet above sea level at Tulare Lake to 3500 feet above sea level at the Kings/ Monterey County line boundary.

Average length of growing season: 257 days.

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

Average date of last spring frost: March 3.

Average date of first fall frost: November 18.

*From the Kings County Planning Department.

Rainfall - Hanford, CA

YEAR	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	TOTAL
1959-60	0.00	0.00	0.11	0.00	0.00	0.17	0.80	1.71	0.61	0.57	0.00	0.00	3.97
1960-61	0.02	0.00	0.53	0.00	2.61	0.03	1.34	0.22	0.67	0.22	0.37	0.00	6.01
1961-62	0.00	0.00	0.00	0.00	1.11	1.28	0.71	4.88	1.06	0.00	0.11	0.00	9.15
1962-63	0.00	0.00	0.01	0.10	0.00	0.19	1.19	1.68	1.37	2.88	0.56	0.00	7.98
1963-64	0.00	0.00	0.33	0.75	1.23	0.31	0.61	0.02	0.94	0.64	0.20	0.17	5.20
1964-65	0.00	0.34	0.00	0.95	1.31	1.44	1.18	0.33	0.33	1.57	0.00	0.00	7.45
1965-66	0.00	0.05	0.07	0.05	2.15	1.97	0.63	0.71	0.10	0.00	0.07	0.00	5.80
1966-67	0.04	0.00	0.29	0.09	1.28	2.57	1.41	0.05	2.42	2.95	0.07	0.06	11.23
1967-68	0.00	0.00	0.31	0.00	1.99	0.50	0.62	0.64	1.00	0.50	0.08	0.23	5.87
1968-69	0.00	0.00	0.00	1.33	0.98	1.64	6.69	4.54	0.79	0.85	0.32	0.00	17.14
1969-70	0.07	0.00	0.15	0.05	0.51	0.70	1.60	1.33	1.42	0.14	0.00	0.21	6.18
1970-71	0.00	0.00	0.00	0.00	2.40	1.23	0.35	0.19	0.23	0.40	1.44	0.00	6.24
1971-72	0.00	0.00	0.04	0.06	0.41	1.87	0.04	0.35	0.00	0.23	0.00	0.00	3.00
1972-73	0.00	0.00	0.24	0.21	2.90	0.65	2.44	2.29	2.20	0.12	0.00	0.00	11.05
1973-74	0.00	0.00	0.00	0.76	0.46	0.94	2.97	0.13	1.75	0.03	0.00	0.00	7.04
1974-75	0.00	0.00	0.00	0.65	0.24	1.40	0.09	2.26	1.24	0.49	0.00	0.00	6.37
1975-76	0.00	0.00	0.98	0.76	0.05	0.22	0.00	2.94	0.19	1.47	0.03	0.00	6.64
1976-77	0.00	0.22	1.47	0.00	1.15	0.96	0.96	0.03	0.43	0.00	0.01	0.01	5.24
1977-78	0.00	0.00	0.00	0.05	0.06	2.85	2.22	5.05	4.12	1.71	0.00	0.07	16.13
1978-79	0.00	0.00	1.10	0.00	0.79	0.50	1.84	1.61	1.16	0.03	0.00	0.00	7.03
1979-80	0.04	0.00	0.08	0.41	0.62	0.41	2.90	2.71	1.28	0.05	0.04	0.00	8.54
1980-81	0.00	0.00	0.00	0.09	0.00	0.21	1.80	0.86	2.10	0.68	0.17	0.00	5.91
1981-82	0.00	0.00	0.00	0.76	1.08	0.29	0.84	0.33	3.52	1.75	0.00	0.00	8.57
1982-83	0.18	0.00	0.64	1.03	2.15	0.71	3.74	2.59	3.39	1.63	0.04	0.45	16.55
1983-84	0.00	0.05	0.82	0.43	1.66	1.22	0.01	0.42	0.27	0.18	0.00	0.00	5.06
1984-85	0.00	0.00	0.01	0.52	1.41	1.66	0.59	0.61	0.68	0.12	0.01	0.00	5.61
1985-86	0.05	0.00	0.00	0.54	2.11	0.56	1.46	2.60	3.40	0.45	0.00	0.00	11.17
1986-87	0.00	0.00	0.15	0.00	0.21	0.77	1.77	2.04	2.02	0.06	0.13	0.00	7.15
1987-88	0.00	0.00	0.00	0.86	0.72	1.74	1.37	0.40	0.93	2.65	0.07	0.05	8.79
1988-89	0.00	0.00	0.00	0.00	1.33	2.29	1.02	2.03	0.85	0.02	0.39	0.06	7.99
1989-90	0.00	0.00	0.67	0.32	0.20	0.53	1.79	1.02	0.30	0.97	0.87	0.00	6.67
1990-91	0.00	0.66	0.00	0.01	0.22	0.09	0.37	1.32	6.67	0.19	0.66	0.00	10.19
1991-92	0.00	0.00	0.11	0.38	0.14	1.32	1.40	3.32	0.85	0.10	0.00	0.36	7.98
1992-93	0.01	0.00	0.00	0.58	0.00	2.62	3.88	2.48	2.16	0.07	0.08	0.00	11.88
1993-94	0.00	0.00	0.24	0.24	0.68	0.66	1.45	1.02	0.70	0.69	0.00	0.26	5.94
1994-95	0.00	0.00	1.06	0.35	1.54	0.33	4.70	0.51	4.77	0.65	0.87	0.00	14.78
1995-96	0.00	0.00	0.00	0.00	0.00	1.59	1.79	2.55	2.15	0.89	0.16	0.00	9.13
1996-97	0.00	0.00	0.00	1.65	0.87	3.03	3.02	0.12	0.21	0.00	0.00	0.04	8.94
1997-98	0.00	0.00	0.06	0.09	1.96	1.80	2.00	4.05	2.60	1.68	1.31	0.00	15.55
1998-99	0.00	0.00	0.00	0.68	0.63	0.64	3.01	0.56	0.43	1.37	0.00	0.44	7.76
1999-00	0.00	0.00	0.00	0.15	0.00	0.00	1.08	3.28	1.59	0.97	0.48	0.00	7.55
2000-01	0.00	0.00	0.03	1.31	0.00	0.03	1.98	1.48	1.24	1.12	0.00	0.35	7.54
2001-02	0.09	0.00	0.00	0.18	1.84	1.99	0.87	0.31	1.04	0.03	0.01	0.00	6.36
2002-03	0.00	0.00	0.00	0.00	1.42	1.14	0.25	1.13	1.05	1.67	0.67	0.82	8.15
2003-04	0.00	0.00	0.00	0.07	0.47	2.05	0.97	2.32	0.25	0.01	0.02	0.00	6.16
2004-05	0.00	0.00	0.00	2.09	0.44	2.13	2.55	1.69	2.02	0.70	0.84	0.00	12.46
2005-06	0.00	0.00	0.02	0.01	0.21	1.15	3.07	0.48	2.60	2.98	0.54	0.00	11.06
2006-07	0.00	0.00	0.00	0.09	0.16	0.90	0.61	0.90	0.22	0.27	0.01	0.00	3.16
2007-08	0.00	0.05	0.32	0.30	0.10	1.17	1.86	1.10	trace	trace	0.10	0.00	5.00
2008-09	0.00	0.00	0.00	0.14	1.03	1.36							
AVERAGE	0.01	0.03	0.20	0.38	0.90	1.12	1.60	1.50	1.43	0.74	0.21	0.07	8.13

50 YEAR AVERAGE RAINFALL

Kings County

2009 Agricultural Crop Report

Exporting California Grown Crops

The words “California Grown” are a point of pride for growers throughout the state of California. These words, emblazoned across containers, packaging, and the fresh product itself, invoke the image of hard working growers producing the highest quality product possible. Have you ever wondered as you drive by the multitude of crops grown in Kings County, where our “California Grown” crops finally end up? For 16 crops produced in the county, that destination lies outside the United States, thousands of miles away scattered across 50 countries worldwide. The Agricultural Commissioner’s quarantine inspection program plays a vital role in facilitating the exporting of these commodities.

Exporting farm products is not a simple process of just taking an order and shipping the goods. When it comes to exporting a commodity derived from a living plant, there is always a chance that the commodity may contain such pests as insects, weeds, and/or pathogens from the area it’s grown. All regions of the world have pests indigenous to their local area. If these pests are introduced to other areas where they did not exist before they could have devastating effects for that region, including impacting the agricultural production of the area. To help prevent the movement of these pests, countries have placed quarantines and special conditions for entry of foreign produce, plants and plant products. Countries exporting plant products must comply with all the conditions as set by the importing country. The Agricultural Commissioner’s quarantine inspectors assure that the conditions of entry to these countries are met and inspections performed prior to a plant product being shipped out of the United States.

County quarantine inspectors are extensively trained. They must first be licensed by the California Department of Food and Agriculture and have worked in the area of quarantine for a year, under the supervision of a senior quarantine inspector. Upon completion of that year, they are eligible to attend a United States Department of Agriculture (USDA) week-long training session culminating in an exam. Upon passing the exam, the inspectors are recognized as Authorized Certification Officials (ACO’s). This means that they have met the USDA qualifications to inspect commodities, identify pests, and interpret and apply phytosanitary (“phyto” meaning plant and “sanitary” meaning clean) rules and regulations. The ACO has the responsibility of inspecting the commodities being exported to assure that they have met the requirements of the importing country. Upon passing inspection, the ACO issues a phytosanitary certificate attesting to the compliance of the plant products’ eligibility for export. At this point, the commodities can now be shipped abroad. In Kings County, we currently have 13 staff that are certified as ACO’s.

Inspections related to exporting commodities do not only occur at the time of export. Some commodities must be monitored throughout the growing season. For example, before alfalfa seed is exported, the crop is inspected during the growing season for symptoms of disease. This is done since the seed itself, when harvested, will not exhibit any possible disease traits. Samples of suspicious plants are sent off to the state certified laboratory for analysis. The results of the laboratory tests help determine the planting seed’s export destinations. One country may allow certain diseases or pathogens, while other countries may not.

In 2009 1,042 phytosanitary certificates were issued in Kings County and 2,788 acres were inspected during the growing season. This represents 9,526 tons of commodities exported worldwide. The Agricultural Commissioner’s quarantine inspection program continues to play a major role in helping Kings County maintain its presence in the world market, helping the county provide the world with locally produced “California Grown” commodities.

Department of Agriculture / Measurement Standards

TIM NISWANDER
Agricultural Commissioner
Sealer of Weights and Measures

June 15, 2010

Secretary A.G. Kawamura
California Department of Food and Agriculture
And
The Honorable Board of Supervisors
County of Kings, California

It is my privilege to submit to you the 2009 Annual Agricultural Crop Report for the County of Kings. This report contains statistical information on the acreage, yield and gross values in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code. The numbers in this report are only gross values and do not represent net income or loss to producers.

The gross value of all agricultural crops and products produced during 2009 in Kings County was $1,304,784,000. This represents a decrease of $431,953,000 (24.9%) from the 2008 value.

Apiary Products increased $471,000 (8.5%) attributed to increased honey production and almond pollination. Overall, Fruit and Nut Crops increased in value $9,743,000 (4%) due primarily to increased prices and production in nuts. Vegetable Crops increased $2,401,000 (1.5%) due to increased prices and production.

The following categories contributed to the overall decrease: Livestock and Poultry Products declined $258,786,000 (38.2%) due to lower milk prices. Field Crops were down $181,288,000 (36.7%) due to lower prices and a decrease in acreage brought on by the drought. Seed Crops decreased $3,111,000 (35.5%) due to a decrease in acreage. Livestock and Poultry decreased due to fewer turkeys and lambs sold.

My thanks and appreciation is extended to the many producers and organizations who contributed information for this report. This report was compiled and prepared by Robbie Coelho, Agricultural and Standards Inspector, and Steve Schweizer, Deputy Agricultural Commissioner/Sealer, with assistance from Joan Vernon, Deputy Agricultural Commissioner/Sealer, and Roberta Spomer and Janet Eckles, Agricultural and Standards Aides.

Respectfully Submitted,

Tim Niswander

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We value your feedback, talk with us....http://kingscountyag.wordpress.com

County Administration
Ag Commissioner - Sealer Personnel

Kings County Board of Supervisors

Joe A. Neves.....District I

Richard Valle.....District II

Tony T. Oliveira.....District III

Tony Barba.....District IV

Richard Fagundes.....District V

County Administrative Officer

Larry Spikes

Agricultural Commissioner - Sealer of Weights and Measures

Tim Niswander

Deputy Agricultural Commissioner - Sealers

Steve Schweizer

Joan Vernon

Agricultural and Standards Inspectors

Tom Chambers	Vince Evans	Michael Leoni
Robbie Coelho	Garen Goodreau	Rafael Perla
Bill DeRaad	Mario Gutierrez	Alfredo Prieto
Ron Evans	Jimmy Hook	Robert Torrez

Agricultural Computer Systems Coordinator

Lynda Schrumpf

Agricultural and Standards Aides

Aaron Coelho

Janet Eckles

Roberta Spomer

Clerical

Jennifer Rios

Nancy Dowd

Linda Lavars

Carey Smith

Fruit & Nut Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Almond	**2009**	**14,030**	**0.73**	**10,242**	**TON**	**$3,340.00**	**$34,208,000**
	2008	13,054	0.71	9,268	TON	$2,700.00	$25,024,000
Almond Hulls	**2009**			**20,351**	**TON**	**$98.50**	**$2,005,000**
	2008			18,517	TON	$159.00	$2,944,000
Almond Shells	**2009**			**5,088**	**TON**	**$14.60**	**$74,300**
	2008			2,222	TON	$42.30	$94,000
Apricots Fresh	**2009**	**671**	**2.93**	**1,966**	**TON**	**$1,650.00**	**$3,244,000**
	2008	696	7.40	5,153	TON	$1,700.00	$8,760,000
Cherries a/	**2009**	**1,427**	**2.09**	**2,982**	**TON**	**$4,620.00**	**$13,777,000**
	2008				TON		
Firewood	**2009**			**507**	**CORD**	**$117.00**	**$59,300**
	2008			610	CORD	$103.00	$63,000
Grapes Raisin Varieties	**2009**						
Fresh, Table				**27**	**TON**	**$2,000.00**	**$54,000**
Dried				**4,385**	**TON**	**$1,120.00**	**$4,911,000**
Crushed				**604**	**TON**	**$253.00**	**$153,000**
Canned				**444**	**TON**	**$308.00**	**$137,000**
Total		**1,942**		**5,460**	**TON**		**$5,255,000**
Grapes Raisin Varieties	2008						
Fresh, Table				36	TON	$1,090.00	$39,100
Dried				5,113	TON	$1,260.00	$6,442,000
Crushed				567	TON	$225.00	$128,000
Canned				1,032	TON	$282.00	$291,000
Total		2,256		6,747	TON		$6,900,000
Grapes Table Varieties	**2009**	**964**	**11.11**	**10,710**	**TON**	**$1,190.00**	**$12,745,000**
	2008	935	9.31	8,705	TON	$1,100.00	$9,576,000
Grapes Wine Varieties	**2009**	**3,750**	**13.24**	**49,650**	**TON**	**$284.00**	**$14,101,000**
	2008	3,297	10.83	35,707	TON	$245.00	$8,748,000
Grapes Total	**2009**	**6,656**					**$32,101,000**
	2008	6,488					$25,224,000

Fruit & Nut Crops

Crop		Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Nectarines		**2009**	**2273**	**5.47**	**12,433**	**TON**	**$1,100.00**	**$13,676,000**
		2008	2,796	8.38	23,430	TON	$981.00	$22,985,000
Peaches Cling		**2009**	**713**	**19.69**	**14,039**	**TON**	**$403.00**	**$5,658,000**
		2008	847	20.26	17,168	TON	$314.00	$5,391,000
Peaches Freestone		**2009**	**3,337**	**5.52**	**18,420**	**TON**	**$1,100.00**	**$20,262,000**
		2008	3,651	8.79	32,091	TON	$963.00	$30,904,000
Peaches Freezer		**2009**	**228**	**21.00**	**4,788**	**TON**	**$285.00**	**$1,365,000**
		2008	442	19.30	8,527	TON	$282.00	$2,405,000
Peaches Total		**2009**	**4,278**			**TON**		**$27,285000**
		2008	4,940			TON		$38,700,000
Pistachios		**2009**	**10,579**	**1.52**	**16,080**	**TON**	**$3,510.00**	**$56,441,000**
	b/	2008	10,035	0.85	8,530	TON	$4,190.00	$35,741,000
Plums		**2009**	**2,418**	**4.60**	**11,123**	**TON**	**$1,270.00**	**$14,126,000**
		2008	2,610	7.14	18,637	TON	$916.00	$17,071,000
Walnuts		**2009**	**11,250**	**1.93**	**21,713**	**TON**	**$1,680.00**	**$36,478,000**
		2008	12,630	2.00	25,261		$1,320.00	$33,345,000
Others c/		**2009**	**4,086**					**$19,965,000**
		2008	4,750					$33,746,000
TOTAL		**2009**	**57,668**					**$253,440,000**
		2008	55,744					$243,697,000

a/ Previously included in "Others"
b/ Revised
c/ Includes apples, blueberries, jujube, kiwifruit, oranges, pecans, persimmons, pluots, pomegranates, prunes, quince, strawberries and tangerines.

"When tillage begins, other arts follow. The farmers, therefore, are the founders of human civilization." - Daniel Webster

Field Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Alfalfa, Hay	**2009**	**62,423**	**7.71**	**481,281**	**TON**	**$106.00**	**$51,016,000**
	2008	75,941	6.51	494,376	TON	$208.00	$102,830,000
Alfalfa, Silage	**2009**	**5,361**	**4.80**	**25,733**	**TON**	**$23.70**	**$610,000**
	2008	10,204	4.01	40,918	TON	$38.70	$1,584,000
Alfalfa, Silage All Year a/	**2009**	**2,050**	**38.07**	**78,044**	**TON**	**$19.80**	**$1,545,000**
	2008				TON		
Alfalfa, Stubble	**2009**	**15,606**			**TON**	**$25.00**	**$390,000**
	2008	18,895			TON	$25.00	$475,000
Barley, Grain	**2009**	**661**	**2.00**	**1,322**	**TON**	**$175.00**	**$231,000**
b/	2008				TON		
Barley, Silage c/	**2009**				**TON**		
	2008	962	11.10	10,678	TON	$31.00	$331,000
Beans, Dry	**2009**	**2,343**	**1.13**	**2,648**	**Cwt.**	**$781.00**	**$2,068,000**
b/	2008				Cwt.		
Corn Grain	**2009**	**3,866**	**4.37**	**16,894**	**TON**	**$151.00**	**$2,551,000**
	2008	2,953	5.29	15,621	TON	$196.00	$3,062,000
Corn Silage	**2009**	**63,232**	**26.99**	**1,706,632**	**TON**	**$25.70**	**$43,860,000**
	2008	73,944	27.00	1,996,488	TON	$48.10	$96,031,000
Cotton, Acala - Lint d/	**2009**	**8,442**	**3.33**	**28,112**	**495 lbs.**	**$368.00**	**$10,345,000**
	2008	13,515	3.04	41,086	495 lbs.	$374.00	$15,366,000
Cotton, Acala - Seed	**2009**			**12,165**	**TON**	**$280.00**	**$3,406,000**
	2008			17,751	TON	$260.00	$4,615,000
Cotton, Pima - Lint d/	**2009**	**59,584**	**2.94**	**175,177**	**495 lbs.**	**$586.00**	**$102,654,000**
	2008	72,465	2.49	180,438	495 lbs.	$569.00	$102,669,000

Field Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Cotton Pima - Seed	**2009**			**75,851**	**TON**	**$258.00**	**$19,570,000**
	2008			78,165	TON	$230.00	$17,978,000
Oat, Hay	**2009**	**5,664**	**3.44**	**19,484**	**TON**	**$76.20**	**$1,485,000**
	2008	3,553	3.04	10,800	TON	$170.00	$1,836,000
Oat, Silage b/	**2009**	**1,129**	**9.78**	**11,042**	**TON**	**$22.10**	**$244,000**
	2008				TON		
Pasture, Irrigated	**2009**	**10,250**				**$150.00**	**$1,538,000**
	2008	11,000				$145.00	$1,595,000
Pasture, Range	**2009**	**232,933**				**$4.50**	**$1,048,000**
	2008	189,237				$15.00	$2,839,000
Ryegrass, Silage	**2009**	**1,627**	**14.04**	**22,843**	**TON**	**$23.10**	**$528,000**
b/	2008				TON		
Safflower c/	**2009**				**TON**		
	2008	19,387	1.04	20,162	TON	$443.00	$8,932,000
Sorghum, Silage	**2009**	**9,160**	**16.58**	**151,873**	**TON**	**$19.90**	**$3,022,000**
	2008	8,662	16.50	142,923	TON	$35.40	$5,059,000
Sudan, Hay	**2009**	**529**	**3.34**	**1,767**	**TON**	**$63.70**	**$113,000**
	2008	1,404	2.60	3,651	TON	$139.00	$507,000
Sudan, Silage	**2009**	**1,275**	**11.25**	**14,344**	**TON**	**$41.00**	**$588,000**
	2008	1,394	12.80	17,843	TON	$34.50	$616,000
Triticale, Hay	**2009**				**TON**		
	2008	2,533	3.36	8,511	TON	$250.00	$2,128,000
Triticale, Silage	**2009**	**5,167**	**11.55**	**59,679**	**TON**	**$39.50**	**$2,357,000**
	2008	2,573	17.90	46,057	TON	$40.00	$1,842,000

Field Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Wheat, Grain	**2009**	**41,545**	**2.86**	**118,819**	**TON**	**$228.00**	**$27,091,000**
	2008	91,987	3.39	311,836	TON	$240.00	$74,841,000
Wheat, Silage	**2009**	**54,233**	**17.86**	**968,601**	**TON**	**$21.90**	**$21,212,000**
	2008	57,727	17.80	1,027,548	TON	$39.10	$40,177,000
Wheat, Straw	**2009**	**25,399**	**1.50**	**38,099**	**TON**	**$44.00**	**$1,676,000**
	e/ 2008	36,500	2.50	91,250	TON	$45.00	$4,106,000
Others f/	**2009**	**31,806**					**$12,919,000**
	2008	5,801					$3,937,000
TOTAL	**2009**	**644,285**					**$312,067,000**
	e/ 2008	700,727					$493,355,000

a/ New Category
b/ Previously included in Others
c/ Currently included in Others
d/ 495 lbs. = 1 bale
e/ Revised Figure
f/ Barley Silage, Corn Human Consumption, Forage, Hay-Other, Safflower, Screenings, Sorghum Milo, Sugar Beets-Silage.

Agricultural Efficiency...

Production Per Acre Comparison For Miscellaneous Crops 2009 - 1959

Crop	2009 Production/Acre	Unit	1959 Production/Acre	Unit
Barley	2.00	Tons	1.51	Tons
Corn Silage	26.99	Tons	14.55	Tons
Cotton	2.99	Bales	1.91	Bales
Walnuts	1.93	Tons	0.94	Tons
Wheat	2.89	Tons	1.36	Tons

Vegetable & Seed Crops

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Garlic, Processed a/	**2009**				**TON**		
	2008	1,835	10.43	19,132	TON	$248.00	$4,737,000
Melons, All b/	**2009**	**1,198**	**16.68**	**19,983**	**TON**	**$294.00**	**$5,875,000**
	2008	1,173	17.63	20,674	TON	$133.50	$2,760,000
Seed Crops c/	**2009**	**3,990**			**TON**		**$5,652,000**
	2008	6,404			TON		$8,763,000
Tomatoes, Processed	**2009**	**26,658**	**53.91**	**1,437,133**	**TON**	**$71.80**	**$103,186,000**
	2008	30,425	49.88	1,517,750	TON	$66.60	$101,083,000
Other d/	**2009**	**5,913**					**$53,391,000**
	2008	7,241					$51,471,000
TOTAL	**2009**	**37,759**					**$168,104,000**
	2008	47,087					$168,814,000

a/ Currently included in others.
b/ Cantaloupes and specialty melons.
c/ Alfalfa certified, alfalfa non-certified, asparagus, carrots, corn, cotton certified, lettuce, endive, head lettuce, onions, triticale, and wheat certified.
d/ Asparagus, bell peppers, bell peppers organic, broccoli, broccoli organic, cabbage organic, carrots, carrots organic, caulifower, cauliflower organic, corn sweet, garlic processed, onions, squash organic, tomatoes fresh.

Organic Production

Kings County had 20 certified organic growers in 2009 producing on 12,645 acres. The following organic crops were produced in the county: almonds, apples, apricots, asparagus, bell peppers, broccoli, carrots, cauliflower, cherries, figs, nectarines, onions, peaches, pears, persimmons, pistachios, pomegranates, plums, pluots, quince, raisins, squash, processed tomatoes, walnuts, and wheat. The value of these crops are included in their respective commodity groups.

Inventories of Livestock & Poultry

Item	January 1, 2009 Number of Head	January 1, 2008 Number of Head
Cattle and Calves		
All	**312,000**	326,000
Dairy Cows 2 Years and Over	**175,200**	180,000
Cattle and Calves on Feed	**7,000**	7,000
Other	**130,000**	201,000
Sheep and Lambs	**9,288**	9,669
Goats	**8,557**	7,220
Hogs and Pigs	**122**	141
Turkeys	**1,108,727**	481,866

Livestock & Poultry

Item	Year	Number of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle and Calves a/	**2009**	**231,341**	**2,292,901**	**Cwt.**	**$57.20**	**$131,154,000**
	2008	208,230	1,831,416	Cwt.	$65.70	$120,324,000
Sheep and Lambs	**2009**	**5,588**	**6,588**	**Cwt.**	**$115.00**	**$758,000**
	2008	9,669	11,392	Cwt.	$124.00	$1,413,000
Turkeys	**2009**	**1,108,727**	**23,998,300**	**lb.**	**$0.60**	**$14,399,000**
	2008	1,927,465	44,162,921	lb.	$0.59	$25,950,000
Other b/	**2009**	**30,115**				**$198,000**
	2008	24,868				$205,000
TOTAL	**2009**					**$146,509,000**
	2008					$147,892,000

a/ **Includes breeding stock value in total**
b/ Includes chickens, goats, hogs, and pigs

“The first farmer was the first man, and all historic nobility rests on possession and use of land.” - Ralph Waldo Emerson

Livestock & Poultry Products

Item	Year	Total Production	Unit	Value Per Unit	Total
Eggs, Chicken Market	**2009**	**2,302,200**	**Doz.**	**$1.46**	**$3,361,000**
	2008	2,755,800	Doz.	$1.46	$4,023,000
Manure	**2009**	**1,128,683**	**Ton**	**$3.87**	**$4,368,000**
	2008	1,252,869	Ton	$2.35	$2,945,000
Milk, Market	**2009**	**36,242,595**	**Cwt.**	**$11.20**	**$405,917,000**
	2008	40,179,265	Cwt.	$16.60	$666,976,000
Milk, Mfg.	**2009**	**297,981**	**Cwt.**	**$11.94**	**$3,558,000**
	2008	113,188	Cwt.	$18.70	$2,117,000
Milk, Goats	**2009**	**36,157**	**Cwt.**	**$39.63**	**$1,433,000**
	2008	36,229	Cwt.	$36.30	$1,315,000
Milk Total	**2009**	**36,576,733**	**Cwt.**		**$410,908,000**
	2008	40,328,682	Cwt.		$670,408,000
Wool a/	**2009**	**74,304**	**lb.**	**$0.60**	**$44,600**
	2008	76,800	lb.	$1.20	$92,000
TOTAL	**2009**				**$418,682,000**
	2008				$677,468,000

a/ **Price does not include incentive**

Interesting Note...

The most prolific milk producing cow the world has ever known, No. 289, lived in this county for 19 years and gave 54,070 gallons of milk - enough to fill more than eight 60-foot tanker trucks.

Apiary Products

Item	Year	Total Production	Unit	Value Per Unit	Total
Honey	**2009**	**745,240**	**lb.**	**$1.30**	**$969,000**
	2008	560,860	lb.	$1.33	$746,000
Beeswax	**2009**	**9075**	**lb.**	**$2.27**	**$20,600**
	2008	11,800	lb.	$1.39	$16,400
Seed Alfalfa	**2009**	**5,221**	**Colonies**	**$37.80**	**$197,000**
	2008	17,619	Colonies	$34.20	$603,000
Tree Fruit/Nut a/	**2009**	**35,531**	**Colonies**	**$133.00**	**$4,726,000**
	2008	29,460	Colonies	$138.60	$4,083,000
Melons	**2009**	**1,498**	**Colonies**	**$28.80**	**$43,100**
	2008	1,616	Colonies	$25.90	$41,800
Vegetable Seed	**2009**	**945**	**Colonies**	**$27.50**	**$26,000**
	2008	595	Colonies	$34.10	$20,300
TOTAL	**2009**				**$5,982,000**
	2008				$5,511,000

a/ **Almonds, apricots, cherries, pluots, and plums**

Agricultural Quick Facts

Kings County is ranked 8th among California counties in agricultural production. (2008)

Kings County is ranked 1st among California counties in the production of cotton lint and cottonseed. (2008)

Kings County is ranked 2nd in the production of wheat. (2008)

Kings County is ranked 3rd in the production of each of the following crops: apricots, garlic, plums, silage, and processed tomatoes. (2008)

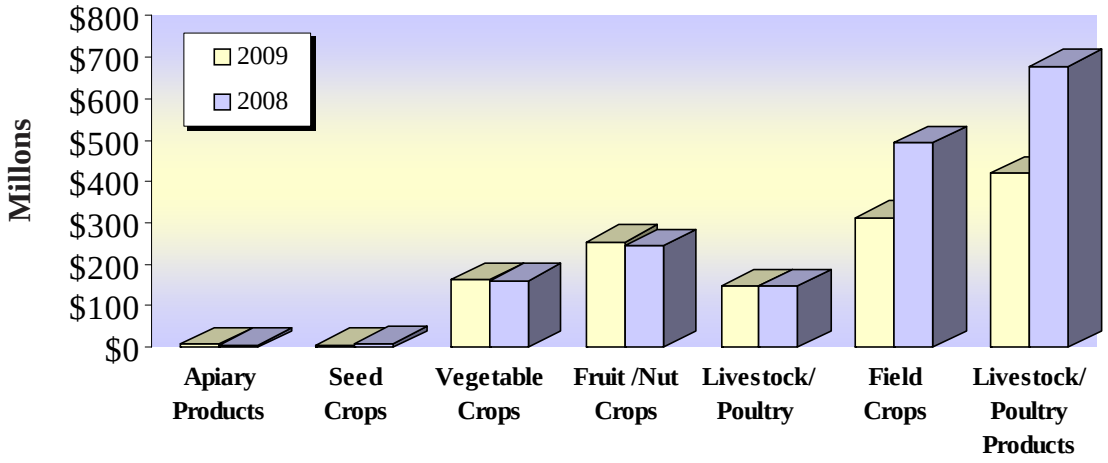
Kings County produces 9.8% of all milk and cream in the state, making it the state's 4th largest producer. (2008)

5 Year Comparison of Acreage & Crop Values

	2009	2008	2007	2006	2005
Apiary Products	**$5,982,000**	$5,511,000	$6,263,000	$5,415,000	$2,994,000
Field Crops	**$312,067,000**	*$493,355,000	$427,716,000	$364,106,000	$381,789,000
Acreage	**644,285**	*700,727	643,563	695,489	710,331
Fruit and Nut Crops	**$253,440,000**	*$243,697,000	$316,357,000	$252,347,000	$245,365,000
Acreage	**57,668**	*55,744	60,914	53,438	49,201
Livestock and Poultry	**$146,509,000**	$147,892,000	$184,193,000	$161,497,000	$202,234,000
Livestock and Poultry Products	**$418,682,000**	$677,468,000	$696,074,000	$417,994,000	*$463,117,000
Seed Crops	**$5,652,000**	$8,763,000	$10,802,000	$12,962,000	$8,340,000
Acreage	**3,990**	6,404	13,319	21,907	9,164
Vegetable Crops	**$162,452,000**	$160,051,000	$120,447,000	$74,865,000	$103,380,000
Acreage	**33,769**	40,674	35,608	29,675	31,597
TOTAL	**$1,304,784,000**	*$1,736,737,000	$1,761,852,000	$1,289,186,000	*$1,407,219,000

*** Revised**

2009 and 2008 Production Value Comparisons



Top 10 Commodities

Crop	2009 Rank	Dollar Value	2008 Rank	2007 Rank	1959 Rank
Milk, Total	1	$410,908,000	1	1	5
Cotton, Total	2	$136,621,000	2	2	1
Cattle and Calves	3	$131,154,000	3	3	4
Tomatoes, Processed	4	$103,186,000	5	6	n/a
Pistachios	5	$56,441,000	8	5	n/a
Alfalfa, Total	6	$56,116,000	4	4	3
Corn, Silage	7	$43,860,000	6	7	15
Walnuts	8	$36,478,000	11	9	16
Almonds, Total	9	$36,287,000	12	8	n/a
Grapes, Total	10	$32,101,000	14	14	8
	Total	$1,043,152,000			

A Look Back, 50 Years Ago.....1959
Kings County's Top 10 Commodities

Crop	Rank	Dollar Value
Cotton, Total	1	$37,107,000
Barley, Total	2	$13,327,000
Alfalfa, Total	3	$10,614,000
Cattle and Calves	4	$ 9,828,000
Milk, Total	5	$ 9,634,000
Permanent Pasture	6	$ 2,965,000
Turkeys	7	$ 1,453,000
Grapes, Total	8	$ 1,385,000
Cantaloupes	9	$ 1,377,000
Peaches	10	$ 1,323,000
	Total	$89,013,000

"Cultivators of the earth are the most valuable citizens. They are the most vigorous, the most independant, the most virtuous, and they are tied to their country and wedded to it's liberty and interests by the most lasting bands." - Thomas Jefferson

Kings County Sustainable Agricultural Report

County Biological Control

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

County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
Glassy Winged Sharpshooter	Nursery Inspections	1,834 Inspections
Gypsy Moth Lymantria dispar	Household Goods Shipments	139 Inspections
Various Pests	Truck Shipments	14,833 Inspections

Crops	Activity	Scope of Program
Export Commodities	Origin Certification	1,120 issued
Export Seed	Field Inspections	79 sites / 2,788 acres

Kings County Sustainable Agricultural Report

County Pest Eradication

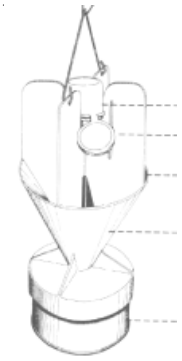
Pest	Agent/Mechanism	Scope of Program
Pink Bollworm Pectinophora gossypiella	Mechanical/Host Free Period	65,920 Acres
Alligatorweed Alternanthera philoxeriodes	Visual Inspection Mechanical/Chemical	3 Sites Treated

County Pest Detection

Pest	Number of Traps	Type of Traps
Mediterranean Fruit Fly	214	Jackson Traps
Mexican Fruit Fly	101	McPhail Traps
All Pupose Fruit Fly	16	Champ Traps
Oriental Fruit Fly	80	Jackson Traps
Melon Fly	80	Jackson Traps
Gypsy Moth	83	Delta Traps
Japanese Beetle	80	Japanese Beetle Traps
Glassy Wing Sharpshooter	87	Yellow Panel Trap
European Pine Shoot Moth	5	Pherocon II Traps
Khapra Beetle	204	Trogo Traps
Apple Maggot	4	Adult Monitoring Traps
European Corn Borer	13	Pherocon II Traps
Total Traps	1,092	

Jackson Trap

McPhail Trap



Japanese Beetle Trap

Export Commodities

Commodities Grown and Exported From Kings County

Alfalfa Seed
Apricots
Asparagus Seed
Cherries
Cotton
Cotton Seed
Garlic
Grapes
Nectarines
Onions
Onion Seed
Peaches
Pistachios
Plums
Tomato Powder
Walnuts

Export Trade Partners of Kings County in 2009

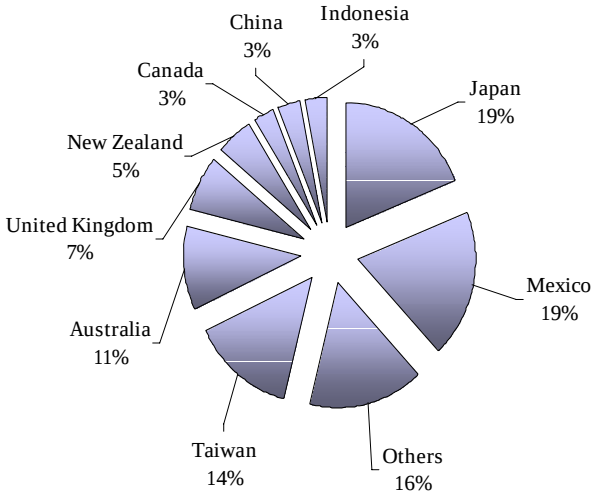
Australia
Brazil
Canada
Czech Republic
Chile
China
Colombia
Costa Rica
France
Germany
Greece
Guatemala
Hong Kong
India
Indonesia
Israel
Italy
Japan
Korea
Lebanon
Malaysia
Mexico
Netherlands
New Zealand
Norway
Panama
Peru
Philippines
Poland
Russian Federation
Saudi Arabia
South Africa
Spain
Taiwan
Thailand
Turkey
United Arab Emirates
United Kingdom

We value your feedback, talk with us....http://kingscountyag.wordpress.com

**To Learn More About The Kings County Department of Agriculture,
Visit Our Web Site At: www.countyofkings.com**

Export Partners

Top Export Countries 2009



Fairs & Expositions

801 S. 10th Ave. Hanford, CA 93230
Phone (559) 584-3318

Certified Farmer's Market

Hanford Certified Farmer's Market
116 W. Seventh Street
Hanford, CA 93230
Thursdays 5:30 P.M. to 8:30 P.M.
May thru October - Irwin Street

Almonds
Apples
Apricots
Apriums
Asian Pears
Arugula
Asparagus
Basil
Beans
Beets
Bell Peppers
Blackberries
Blueberries
Boysenberries
Broccoli
Brussel Sprouts
Cabbage
Cactus Pears
Camellias
Cantaloupes
Cauliflower
Celery
Carrots
Cherries
Chestnuts
Chili Peppers
Corn
Cucumbers
Eggplant
Figs
Fresh Cut Flowers
Garlic
Grapefruits
Grapes
Herbs
Honey
Iris
Kale
Kiwifruit
Lillies
Lemons
Limes
Mandarins
Mistletoe
Mixed Melons
Nectarines
Olives
Onions
Oranges
Peaches
Pears
Pecans
Persimmons
Pistachios
Plums
Pluots
Pomegranates
Pommelos
Potatoes
Pumkins
Quince
Radishes
Raisins
Soybeans
Spinach
Raspberries
Satsumas
Squash
Sunflowers
Strawberries
Swiss Chard
Tangelos
Tangerines
Tay Berries
Tomatoes
Walnuts
Watermelon
Zucchini

Land Use

Surrounding Counties	2008 Rank	2008 Gross Value*	Total County Area Acres	Top Commodity	2008 Value	Acres or No. of Head
Fresno	1	$5,669,527,000	3,840,000	Grapes	$723,211,000	193,210
Tulare	2	$5,017,955,000	3,112,320	Milk	$1,796,425,000	638,000
Kern	3	$4,032,830,000	2,127,359	Milk	$601,606,000	306,000
Monterey	4	$3,829,123,000	5,166,720	Leaf Lettuce	$651,503,000	95,327
Kings	**8**	**$1,736,737,000**	**890,545**	**Milk**	**$670,408,000**	**180,000**

*** Gross Value does not include timber.**

Land Use Summary

Land Use Category	2006 Acres	2006 Percent	2004 Acres	2004 Percent	Acreage Change
Prime Farmland	139,212	16	140,582	16	- 1370
Farmland of Statewide Importance	420,422	47	429,773	48	- 9,351
Unique Farmland	25,982	3	28,523	3	- 2541
Farmland of Local Importance	8,868	1	8,283	1	+ 585
Grazing Land	243,183	27	233,493	26	+ 9,690
Urban and Built-Up Land	31,448	3	30,767	3	+ 681
Other Land	21,603	2	19,297	2	+ 2,306
Water Area	66	0	66	0	0
Total Acres	890,784		890,784		

From the California Department of Conservation. 2008 figures unavailable.

Kings County General Information

County Seat	**Hanford**
County Population (2009)	**154,743**
Population per Square Mile	**111.2**
Total Assessed Value (2009)	**$8,433,631,902**
Land Area (Square Miles)	**1,391**
Total Acres	**890,545***
Total Harvested Crop Acreage (2009)	**739,712**
Foreign Ownership (2008)	**4,009 (acres)**
Total Farmland	**810,887**

Public Ownership of Land (Acres - 2008)

Federal	**27,313.76**
State	**4,015.99**
County	**1,421.61**
Local Agencies	**3,587.01**

Agricultural production ranked 8th among California counties (based on 2008 total value).

Railroads - Burlington Northern & Santa Fe and Union 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 - 175 feet above sea level at Tulare Lake to 3500 feet above sea level at the Kings/ Monterey County line boundary.

Average length of growing season: 257 days.

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

Average date of last spring frost: March 3.

Average date of first fall frost: November 18.

*Courtesy of the Kings County Community Development Agency

Rainfall - Hanford, CA

YEAR	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
1960-61	0.02	0.00	0.53	0.00	2.61	0.03	1.34	0.22	0.67	0.22	0.37	0.00	6.01
1961-62	0.00	0.00	0.00	0.00	1.11	1.28	0.71	4.88	1.06	0.00	0.11	0.00	9.15
1962-63	0.00	0.00	0.01	0.10	0.00	0.19	1.19	1.68	1.37	2.88	0.56	0.00	7.98
1963-64	0.00	0.00	0.33	0.75	1.23	0.31	0.61	0.02	0.94	0.64	0.20	0.17	5.20
1964-65	0.00	0.34	0.00	0.95	1.31	1.44	1.18	0.33	0.33	1.57	0.00	0.00	7.45
1965-66	0.00	0.05	0.07	0.05	2.15	1.97	0.63	0.71	0.10	0.00	0.07	0.00	5.80
1966-67	0.04	0.00	0.29	0.09	1.28	2.57	1.41	0.05	2.42	2.95	0.07	0.06	11.23
1967-68	0.00	0.00	0.31	0.00	1.99	0.50	0.62	0.64	1.00	0.50	0.08	0.23	5.87
1968-69	0.00	0.00	0.00	1.33	0.98	1.64	6.69	4.54	0.79	0.85	0.32	0.00	17.14
1969-70	0.07	0.00	0.15	0.05	0.51	0.70	1.60	1.33	1.42	0.14	0.00	0.21	6.18
1970-71	0.00	0.00	0.00	0.00	2.40	1.23	0.35	0.19	0.23	0.40	1.44	0.00	6.24
1971-72	0.00	0.00	0.04	0.06	0.41	1.87	0.04	0.35	0.00	0.23	0.00	0.00	3.00
1972-73	0.00	0.00	0.24	0.21	2.90	0.65	2.44	2.29	2.20	0.12	0.00	0.00	11.05
1973-74	0.00	0.00	0.00	0.76	0.46	0.94	2.97	0.13	1.75	0.03	0.00	0.00	7.04
1974-75	0.00	0.00	0.00	0.65	0.24	1.40	0.09	2.26	1.24	0.49	0.00	0.00	6.37
1975-76	0.00	0.00	0.98	0.76	0.05	0.22	0.00	2.94	0.19	1.47	0.03	0.00	6.64
1976-77	0.00	0.22	1.47	0.00	1.15	0.96	0.96	0.03	0.43	0.00	0.01	0.01	5.24
1977-78	0.00	0.00	0.00	0.05	0.06	2.85	2.22	5.05	4.12	1.71	0.00	0.07	16.13
1978-79	0.00	0.00	1.10	0.00	0.79	0.50	1.84	1.61	1.16	0.03	0.00	0.00	7.03
1979-80	0.04	0.00	0.08	0.41	0.62	0.41	2.90	2.71	1.28	0.05	0.04	0.00	8.54
1980-81	0.00	0.00	0.00	0.09	0.00	0.21	1.80	0.86	2.10	0.68	0.17	0.00	5.91
1981-82	0.00	0.00	0.00	0.76	1.08	0.29	0.84	0.33	3.52	1.75	0.00	0.00	8.57
1982-83	0.18	0.00	0.64	1.03	2.15	0.71	3.74	2.59	3.39	1.63	0.04	0.45	16.55
1983-84	0.00	0.05	0.82	0.43	1.66	1.22	0.01	0.42	0.27	0.18	0.00	0.00	5.06
1984-85	0.00	0.00	0.01	0.52	1.41	1.66	0.59	0.61	0.68	0.12	0.01	0.00	5.61
1985-86	0.05	0.00	0.00	0.54	2.11	0.56	1.46	2.60	3.40	0.45	0.00	0.00	11.17
1986-87	0.00	0.00	0.15	0.00	0.21	0.77	1.77	2.04	2.02	0.06	0.13	0.00	7.15
1987-88	0.00	0.00	0.00	0.86	0.72	1.74	1.37	0.40	0.93	2.65	0.07	0.05	8.79
1988-89	0.00	0.00	0.00	0.00	1.33	2.29	1.02	2.03	0.85	0.02	0.39	0.06	7.99
1989-90	0.00	0.00	0.67	0.32	0.20	0.53	1.79	1.02	0.30	0.97	0.87	0.00	6.67
1990-91	0.00	0.66	0.00	0.01	0.22	0.09	0.37	1.32	6.67	0.19	0.66	0.00	10.19
1991-92	0.00	0.00	0.11	0.38	0.14	1.32	1.40	3.32	0.85	0.10	0.00	0.36	7.98
1992-93	0.01	0.00	0.00	0.58	0.00	2.62	3.88	2.48	2.16	0.07	0.08	0.00	11.88
1993-94	0.00	0.00	0.24	0.24	0.68	0.66	1.45	1.02	0.70	0.69	0.00	0.26	5.94
1994-95	0.00	0.00	1.06	0.35	1.54	0.33	4.70	0.51	4.77	0.65	0.87	0.00	14.78
1995-96	0.00	0.00	0.00	0.00	0.00	1.59	1.79	2.55	2.15	0.89	0.16	0.00	9.13
1996-97	0.00	0.00	0.00	1.65	0.87	3.03	3.02	0.12	0.21	0.00	0.00	0.04	8.94
1997-98	0.00	0.00	0.06	0.09	1.96	1.80	2.00	4.05	2.60	1.68	1.31	0.00	15.55
1998-99	0.00	0.00	0.00	0.68	0.63	0.64	3.01	0.56	0.43	1.37	0.00	0.44	7.76
1999-00	0.00	0.00	0.00	0.15	0.00	0.00	1.08	3.28	1.59	0.97	0.48	0.00	7.55
2000-01	0.00	0.00	0.03	1.31	0.00	0.03	1.98	1.48	1.24	1.12	0.00	0.35	7.54
2001-02	0.09	0.00	0.00	0.18	1.84	1.99	0.87	0.31	1.04	0.03	0.01	0.00	6.36
2002-03	0.00	0.00	0.00	0.00	1.42	1.14	0.25	1.13	1.05	1.67	0.67	0.82	8.15
2003-04	0.00	0.00	0.00	0.07	0.47	2.05	0.97	2.32	0.25	0.01	0.02	0.00	6.16
2004-05	0.00	0.00	0.00	2.09	0.44	2.13	2.55	1.69	2.02	0.70	0.84	0.00	12.46
2005-06	0.00	0.00	0.02	0.01	0.21	1.15	3.07	0.48	2.60	2.98	0.54	0.00	11.06
2006-07	0.00	0.00	0.00	0.09	0.16	0.90	0.61	0.90	0.22	0.27	0.01	0.00	3.16
2007-08	0.00	0.05	0.32	0.30	0.10	1.17	1.86	1.10	0.00	0.00	0.10	0.00	5.00
2008-09	0.00	0.00	0.00	0.14	1.03	1.36	0.60	1.43	0.21	0.03	0.43	0.37	5.60
2009-10	0.00	0.00	0.20	1.31	0.23	1.27							
AVERAGE	0.01	0.03	0.20	0.41	0.90	1.14	1.59	1.50	1.42	0.74	0.22	0.08	8.16

50 YEAR AVERAGE RAINFALL