



2011

KINGS COUNTY  
AGRICULTURAL  
CROP REPORT

# JACK STONE

## Agricultural Icon

Just mention “Jack Stone’s Barn” and nearly everyone around would know the place you are referring to. The barn just northwest of Lemoore was built by lifelong resident Jack Stone, and has been the gathering place for untold events throughout the years, including weddings, anniversaries, meetings, and various other social activities. For most people involved in the farming community though, Jack was more than an event host. He was an innovative pioneer with a vision of agriculture for the region that laid the foundation for many others to follow after him.

Jack Guthrie Stone was born November 11, 1917 in Corcoran, California to parents L.M. (Stoney) and Elaine Stone. Growing up, Jack was what you might call a social butterfly, which made him many friends both young and old. The family moved to the “big city” of Hanford in 1927 and Jack would catch the farming bug by following his father around surveying and establishing section corners on the west side of Kings County and the Tulare Lake bottom. Seeing all the huge sections of open ground and all the activities associated with farming made quite an impression on young Jack. He attended Hanford High School and upon graduating in 1936 went on to attend U.C. Davis to study engineering. According to Jack, his time at Davis was spent “theoretically learning to be a better farmer”. His farming career started in 1939 with a leased ranch near Five Points, California where he drilled his first well at the age of 22. Upon the breakout of World War II, Jack sold the ranch and joined the Army, where his engineering skills were put to use building airstrips in England, France and Germany. On a seven-day leave pass he married the love of his life, Hilda Orchard, a classmate from elementary school. They were married for 61 years before her death in June of 2003. After reaching the rank of Captain in the Army Corps of Engineers, Jack returned home to form the J.G. Stone Land Company. The couple had two sons, John and Bill. John died in an accident in 1975. Bill continues to run the family operation today.

The times of San Joaquin Valley land titans such as Jack O’Neill, Frank Diener and Russel Giffen (who farmed 100,000 acres at his peak) had passed by the early 1970’s. Jack Stone was a “Gentleman Farmer” who did things the old fashion way using integrity, sealed with a handshake. Jack led the crusade to fight federal acreage limits in the early 1980s. He served on the Westlands Water District Board, the largest water district in the world, for 21 years - 17 as president. Jack’s term as president included some tough times, including signing the order that would stop irrigation drainage from going into the Kesterson Wildlife Refuge. With his foresight, commonsense and straightforward way of explaining the water situation, Congress eventually relaxed the 160 acre size limit for farms receiving federal water. It was expanded to 960 acre parcels for each family member.

As Jack Stone’s family and operation grew, so did the number of awards he received along the way. He was inducted into the Cotton Hall of Fame in 1992. He received the Kings County Agriculturalist of the Year award in 1995, and a similar Agriculturalist of the Year award from the Greater Fresno Area Chamber of Commerce in 2002. Jack was Grand Marshall for Kings County Homecoming in 2003. He served as President of both the Western Cotton Growers Association and National Cotton Council. His most recent activity was as a board member on the California Farm Water Coalition. Before falling ill and being hospitalized Jack, as he had for many years, would start his week by going out for Monday breakfast at the local cafe. He passed away on May 17, 2011. This year’s Kings County Crop Report is dedicated to Mr. Jack Stone. We thank him for his leadership, vision and hard work to bring agriculture to what it is in present-day Kings County. His life story is one of inspiration for all families involved in Agriculture.



*\*\* Our thanks to the Stone family for sharing their precious stories and photos for this year’s crop report.*



## Department of Agriculture / Measurement Standards

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**TIM NISWANDER**

Agricultural Commissioner  
Sealer of Weights and Measures

June 5, 2012

Secretary Karen Ross  
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 2011 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 2011 in Kings County was \$2,219,529,000. This represents an increase of \$501,558,000 (29.2%) from the 2010 value and is a record high figure for the county.

Nearly all crop categories increased in value. Apiary Products increased \$108,000 (1.6%) attributed to increased pollination acres and price per colony. Field Crops increased \$163,974,000 (36.5%) due primarily to increased cotton acreage and yield, as well as the alfalfa hay price. Fruit and Nut Crops increased \$92,966,000 (29.1%) due in large part to increased production and price across the board, especially in nuts. Livestock and Poultry increased \$30,436,000 (18.9%) due to more cattle and calves sold and at a higher price. Livestock and Poultry Products increased \$243,473,000 (42.9%) due to increased milk production and price. Seed Crops increased \$52,000 (.7%) due to increased acreage.

Vegetable Crops were the only category to decrease, declining by \$29,451,000 (14.3%) due mainly to a decrease in processing tomato 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 Robbie Coelho, Agricultural and Standards Inspector, and Steve Schweizer, Deputy Agricultural Commissioner/Sealer, with assistance from Janet Eckles, Agricultural and Standards Inspector.

Respectfully Submitted,

# TABLE OF CONTENTS

<b>Cover Story.....</b>	<b>1</b>
<b>Summary Letter.....</b>	<b>2</b>
<b>Table of Contents.....</b>	<b>3</b>
<b>County Administration/Ag Commissioner-Sealer Personnel.....</b>	<b>4</b>
<b>Fruit &amp; Nut Crops.....</b>	<b>5</b>
<b>Field Crops.....</b>	<b>7</b>
<b>Vegetable &amp; Seed Crops.....</b>	<b>10</b>
<b>Organic Production.....</b>	<b>10</b>
<b>Livestock &amp; Poultry.....</b>	<b>11</b>
<b>Livestock &amp; Poultry Products.....</b>	<b>12</b>
<b>Apiary Products.....</b>	<b>13</b>
<b>5 Year Comparison of Acreage and Crop Value.....</b>	<b>14</b>
<b>Top 10 Commodities.....</b>	<b>15</b>
<b>Sustainable Agriculture Report.....</b>	<b>16</b>
<b>Export Commodities and Trade Partners.....</b>	<b>18</b>
<b>Top Export Countries.....</b>	<b>19</b>
<b>Certified Farmer’s Market.....</b>	<b>20</b>
<b>Land Use.....</b>	<b>21</b>
<b>Kings County General Information.....</b>	<b>22</b>
<b>Kings County Rainfall.....</b>	<b>23</b>

**COUNTY ADMINISTRATION  
AG COMMISSIONER - SEALER PERSONNEL**

**Kings County Board of Supervisors**

Joe A. Neves..... District I                      Richard Valle..... District II  
Doug Verboon..... 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**

Rusty Lantsberger      Steve Schweizer

**Deputy Agricultural Commissioner**

Jimmy Hook

**Agricultural and Standards Inspectors**

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

**Agricultural Computer Systems Coordinator**

Lynda Schrupf

**Agricultural and Standards Aides**

Frank Batista              Carey Smith              Kaytee Colvard

**Executive Secretary**

Jennifer Rios

**Account Clerk**

Sonia Borges

**Office Assistants**

Shanna Vickers      Sue Shanahan

# FRUIT & NUT CROPS

Crop	Year	Harvested Production		Total	Unit	Value	
		Acres	Per Acre			Per Unit	Total
Almond	2011	15,461	1.25	19,326	TON	\$3,890.00	\$75,178,000
	2010	14,376	1.00	14,376	TON	\$3,580.00	\$51,466,000
Almond Hulls	2011			38,596	TON	\$131.00	\$5,056,000
	2010			28,895	TON	\$103.00	\$2,976,000
Almond Shells	2011			9,649	TON	\$20.90	\$202,000
	2010			7,224	TON	\$16.60	\$120,000
Apricots Fresh	2011	993	6.00	5,958	TON	\$1,890.00	\$11,261,000
	2010	847	2.75	2,329	TON	\$2,810.00	\$6,544,000
Cherries	2011	1,472	3.40	5,005	TON	\$5,010.00	\$25,075,000
	2010	1,455	4.89	7,115	TON	\$3,950.00	\$28,104,000
Firewood	2011			1,075	CORD	\$136.00	\$146,000
	2010			1,181	CORD	\$166.00	\$196,000
Grapes Raisin Varieties	2011			149	TON	\$1,820.00	\$271,000
				6,124	TON	\$1,600.00	\$9,798,000
				0	TON		
				405	TON	\$250.00	\$101,000
				6,678	TON		\$10,170,000
Grapes Raisin Varieties	2010			138	TON	\$1,550.00	\$214,000
				3,443	TON	\$1,440.00	\$4,958,000
				604	TON	\$268.00	\$162,000
				174	TON	\$280.00	\$49,000
				4,359	TON		\$5,383,000
Grapes Table Varieties	2011	975	12.14	11,837	TON	\$1,490.00	\$17,637,000
	2010	1,248	11.25	14,040	TON	\$1,260.00	\$17,690,000
Grapes Wine Varieties	2011	3,481	15.46	53,816	TON	\$309.00	\$16,629,000
	2010	3,784	12.72	48,132	TON	\$255.00	\$12,274,000
Grapes Total	2011	6,259					\$44,436,000
	2010	6,947					\$35,347,000

# FRUIT & NUT CROPS

Crop	Year	Harvested Production		Total	Unit	Value	
		Acres	Per Acre			Per Unit	Total
Nectarines	2011	2,215	8.80	19,492	TON	\$1,210.00	\$23,585,000
	2010	2,370	6.79	16,092	TON	\$1,050.00	\$16,897,000
Peaches Cling	2011	556	17.70	9,841	TON	\$292.00	\$2,874,000
	2010	782	19.76	15,452	TON	\$286.00	\$4,419,000
Peaches Freestone	2011	2,800	7.65	21,420	TON	\$1,160.00	\$24,847,000
	2010	3,098	6.21	19,239	TON	\$865.00	\$16,642,000
Peaches Freezer	2011	268	20.09	5,384	TON	\$261.00	\$1,405,000
	2010	203	17.11	3,473	TON	\$279.00	\$969,000
Peaches Total	2011	3,624					\$29,126,000
	2010	4,083					\$22,030,000
Pistachios	2011	14,789	1.40	20,705	TON	\$3,920.00	\$81,164,000
	2010	11,160	1.41	15,736	TON	\$4,680.00	\$73,644,000
Plums	2011	2,475	6.93	17,152	TON	\$1,270.00	\$21,783,000
	2010	2,671	5.09	13,595	TON	\$994.00	\$13,513,000
Pomegranates Fresh a/	2011						
	2010	208	1.79	372	TON	\$1,820.00	\$677,000
Pomegranates Juice a/	2011						,000
	2010	3,708	6.05	22,433	TON	\$295.00	\$6,618,000
Walnuts	2011	11,498	2.25	25,871	TON	\$2,780.00	\$71,921,000
	2010	11,554	2.09	24,148	TON	\$2,160.00	\$52,160,000
Other b/	2011	5,007					\$23,155,000
	2010	821					\$8,830,000
TOTAL	2011	63,793					\$412,088,000
	2010	60,200					\$319,122,000

a/ Currently included in "Other".

b/ Includes apples, blackberries, blueberries, jujube, kiwifruit, oranges, pecans, persimmons, pluots, pomegranates, prunes, quince, strawberries, and tangerines.

# FIELD CROPS

Crop	Year	Harvested Production		Total	Unit	Value	
		Acres	Per Acre			Per Unit	Total
Alfalfa, Hay	2011	47,768	8.14	388,832	TON	\$241.00	\$93,709,000
	2010	62,379	7.58	472,833	TON	\$136.00	64,305,000
Alfalfa, Silage	2011	5,952	3.51	20,892	TON	\$49.00	\$1,024,000
	2010	11,360	3.08	34,989	TON	\$29.20	\$1,022,000
Alfalfa, Silage All Year	2011	1,654	31.88	52,730	TON	\$51.40	\$2,710,000
	2010	2,188	30.00	65,640	TON	\$24.40	\$1,602,000
Alfalfa, Stubble	2011	11,942				\$25.00	\$299,000
	2010	15,595				\$25.00	\$390,000
Barley, Silage a/	2011	3,008	8.00	24,064	TON	\$36.70	\$883,000
	2010	700	9.13	6,391	TON	22.00	\$141,000
Beans, Dry	2011	764	1.25	955	TON	\$745.00	\$711,000
	2010	2,703	1.25	3,379	TON	\$715.00	\$2,416,000
Corn Grain	2011	4,582	4.99	22,864	TON	233.00	\$5,327,000
	2010	3,574	5.07	18,120	TON	\$165.00	\$2,990,000
Corn Silage	2011	57,220	25.92	1,483,142	TON	48.60	\$72,081,000
	2010	56,745	26.06	1,478,775	TON	\$34.60	\$51,166,000
Cotton, Acala - Lint c/	2011	22,995	3.00	68,985	495 lbs.	\$569.00	\$39,252,000
	2010	17,870	2.83	50,572	495 lbs.	\$553.00	\$27,966,000
Cotton, Acala - Seed	2011			29,819	TON	\$315.00	\$9,393,000
	2010			21,918	TON	\$284.00	\$6,225,000
Cotton, Pima - Lint c/	2011	109,900	2.68	294,532	495 lbs.	\$806.00	\$237,393,000
	2010	83,417	2.48	206,874	495 lbs.	\$897.00	\$185,566,000
Cotton Pima - Seed	2011			127,489	TON	\$315.00	\$40,159,000
	2010			89,436	TON	\$276.00	\$24,684,000

# FIELD CROPS

Crop	Year	Harvested Production		Total	Unit	Value	
		Acres	Per Acre			Per Unit	Total
Oat, Hay	2011	3,723	3.04	11,318	TON	\$152.00	\$1,720,000
	2010	4,329	2.45	10,606	TON	\$85.60	\$908,000
Oat, Silage	2011	956	9.39	8,977	TON	\$35.90	\$322,000
	2010	1,321	13.89	18,349	TON	\$22.50	\$413,000
Pasture, Irrigated	2011	1,132				\$160.00	\$181,000
	2010	9,316				\$150.00	\$1,397,000
Pasture, Range	2011	270,699				23.10	\$6,253,000
	2010	248,430				\$13.20	\$3,279,000
Sorghum, Milo b/	2011	2,084	13.93	29,030	TON	\$37.90	\$1,100,000
	2010						
Sorghum, Silage	2011	9,877	14.01	138,377	TON	\$38.60	\$5,341,000
	2010	6,910	18.37	126,937	TON	\$27.70	\$3,516,000
Sudan, Hay	2011	1,086	4.63	5,028	TON	\$152.00	\$764,000
	2010	376	3.01	1,132	TON	\$109.00	\$123,000
Sudan, Silage	2011	1,741	11.47	19,969	TON	\$36.80	\$735,000
	2010	269	13.55	3,645	TON	\$35.90	\$131,000
Triticale, Silage	2011	2,858	15.92	45,499	TON	\$37.50	\$1,706,000
	2010	3,823	13.65	52,184	TON	\$22.40	\$1,169,000
Wheat, Grain	2011	57,603	3.03	174,537	TON	\$241.00	\$42,063,000
	2010	56,322	3.08	173,472	TON	\$203.00	\$35,215,000
Wheat, Silage	2011	51,508	15.89	818,462	TON	\$39.60	\$32,411,000
	2010	48,883	17.29	845,187	TON	\$25.70	\$21,721,000
Wheat, Straw c/	2011						
	2010	22,003	1.23	27,064	TON	\$67.60	\$1,830,000

# FIELD CROPS

Crop	Year	Harvested Production		Unit	Value	
		Acres	Per Acre		Per Unit	Total
Other d/	2011	48,312		TON		\$17,372,000
	2010	31,245		TON		\$10,760,000
TOTAL	2011	717,364				\$612,909,000
	2010	689,758				\$448,935,000

a/ 495 lbs. = 1 bale

b/ Previously included in "Other".

c/ Currently included in "Other".

d/ Barley Grain, Corn Human Consumption, Corn Earldige, Forage, Hay-Other, Ryegrass, Safflower, Sugar Beets-Silage, Wheat Hay, and Wheat Straw.

## JACK STONE'S BARN



"Red Rock Saloon"



"The early years"



"Silver City Bank"

## AGRICULTURAL EFFICIENCY...

### Production Per Acre Comparison For Miscellaneous Crops 2011- 1961

Crop	2011		1961	
	Production/Acre	Unit	Production/Acre	Unit
Corn, Grain	5.07	Tons	1.98	Tons
Corn Silage	26.06	Tons	16.41	Tons
Cotton	2.54	Bales	1.88	Bales
Walnuts	2.09	Tons	0.78	Tons
Wheat	2.89	Tons	.88	Tons

# VEGETABLE & SEED CROPS

Crop	Year	Harvested Production			Unit	Value	
		Acres	Per Acre	Total		Per Unit	Total
<b>Melons, All a/</b>	<b>2011</b>						
	2010	1,121	20.82	23,339	TON	\$256.00	\$5,975,000
<b>Seed Crops b/</b>	<b>2011</b>	<b>1,732</b>					<b>\$7,485,000</b>
	2010	1,478					\$7,433,000
<b>Tomatoes, Processed</b>	<b>2011</b>	<b>31,155</b>	<b>55.81</b>	<b>1,738,761</b>	<b>TON</b>	<b>\$67.60</b>	<b>\$117,540,000</b>
	2010	38,357	54.60	2,094,292	TON	\$64.40	\$134,872,000
<b>Other c/</b>	<b>2011</b>	<b>10,635</b>					<b>\$59,475,000</b>
	2010	12,430					\$65,619,000
<b>TOTAL</b>	<b>2011</b>	<b>43,522</b>					<b>\$184,500,000</b>
	2010	53,386					\$213,899,000

a/ Currently included in "Other".

b/ Asparagus, bermuda, corn, cotton certified, lettuce, and onion.

c/ Asparagus, bell peppers, broccoli, cabbage, cantaloupe, carrots, carrot transplants, cauliflower, corn sweet, eggplant garlic processed, garlic fresh, melons misc., onions fresh, onions processed, onion transplants, peppers misc., pumpkins, radicchio, squash, tomatoes fresh, and tomato transplants.

# ORGANIC PRODUCTION

Kings County had 21 certified organic growers in 2011 producing on 10,964 acres. The following organic crops were produced in the county: almonds, apples, apricots, asparagus, beans, bell peppers, broccoli, carrots, cauliflower, cherries, dairy, figs, kiwis, nectarines, onions, outdoor flowers, peaches, pears, persimmons, pistachios, pomegranates, plums, pluots, quince, raisins, squash, processed tomatoes, walnuts, and wheat. The crop values are included in their respective commodity groups.



# INVENTORIES OF LIVESTOCK & POULTRY

Item	January 1, 2011 Number of Head	January 1, 2010 Number of Head
<b>Cattle and Calves a/</b>		
All	355,000	340,000
Dairy Cows 2 Years and Over	188,416	191,339 b/
Cattle and Calves on Feed	7,200	6,900
Other	159,384	141,761 b/
<b>Sheep and Lambs</b>	12,896	9,747
Goats	11,418	8,596
Hogs and Pigs	122	118
Turkeys	2,508,258	2,570,806

a/ USDA figures

b/ Revised

## LIVESTOCK & POULTRY

Item	Year	Number of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle and Calves a/	2011	211,430	2,382,799	Cwt.	\$65.60	\$156,312,000
	2010	199,805	2,275,058	Cwt.	\$56.90	\$129,451,000
Sheep and Lambs b/	2011					
	2010	8,206	9,772	Cwt.	\$123.00	\$1,202,000
Turkeys	2011	2,508,258	53,744,682	lb.	\$0.62	\$33,322,000
	2010	2,470,105	50,859,570	lb.	\$0.60	\$30,516,000
Other c/	2011	39,635				\$2,219,000
	2010	25,465				\$248,000
<b>TOTAL</b>	2011					<b>\$191,853,000</b>
	2010					\$161,417,000

a/ Includes breeding stock value in total.

b/ Currently included in "Other".

c/ Includes chickens, goats, hogs, pigs, sheep, and lambs.

# LIVESTOCK & POULTRY PRODUCTS

Item	Year	Total Production	Unit	Value Per Unit	Total
Eggs, Chicken Market	2011	2,132,670	Doz.	\$1.29	\$2,751,000
	2010	2,068,575	Doz.	\$1.41	\$2,917,000
Manure	2011	1,326,029	Ton	\$6.89	\$9,136,000
	2010	1,323,350	Ton	\$6.83	\$9,038,000
Milk, Market	2011	43,364,473	Cwt.	\$18.27	\$792,269,000
	2010	41,587,564	Cwt.	\$13.20	\$548,956,000
Milk, Mfg.	2011	208,419	Cwt.	\$18.74	\$3,906,000
	2010	262,423	Cwt.	\$14.39	\$3,776,000
Milk, Goats	2011	87,242	Cwt.	\$37.07	\$3,234,000
	2010	83,708	Cwt.	\$39.06	\$3,270,000
Milk Total	2011	43,660,134	Cwt.		\$799,409,000
	2010	41,933,695	Cwt.		\$556,002,000
Wool a/	2011	103,168	lb.	\$2.20	\$227,000
	2010	77,976	lb.	\$1.19	\$92,800
TOTAL	2011				\$811,523,000
	2010				\$568,050,000

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	2011	620,312	lb.	\$1.51	\$937,000
	2010	1,041,585	lb.	\$1.40	\$1,458,000
Beeswax	2011	13,200	lb.	\$2.23	\$29,400
	2010	12,030	lb.	\$2.20	\$26,500
Seed Alfalfa	2011	0	Colonies		
	2010	1,148	Colonies	\$32.00	\$36,700
Tree Fruit/Nut a/	2011	39,141	Colonies	\$144.00	\$5,636,000
	2010	36,266	Colonies	\$136.00	\$4,932,000
Melons	2011	545	Colonies	\$30.00	\$16,400
	2010	1,123	Colonies	\$27.50	\$30,900
Vegetable Seed	2011	1,505	Colonies	\$25.00	\$37,600
	2010	2,565	Colonies	\$25.00	\$64,100
<b>TOTAL</b>	2011				<b>\$6,656,000</b>
	2010				\$6,548,000

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

# AGRICULTURAL QUICK FACTS

Kings County is ranked 9th among California counties in agricultural production. (2010)

Kings County is ranked 1st among California counties in the production of cotton lint and cotton seed. (2010)

Kings County is ranked 2nd among California counties in the production of processing tomatoes. (2010)

Kings County is ranked 3rd among California counties in the production of apricots and nectarines. (2010)

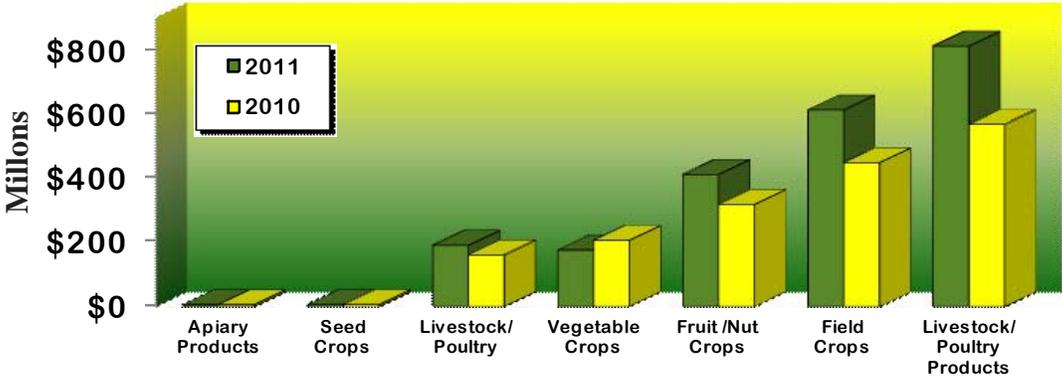
Kings County is ranked 4th among California counties in the production of the following commodities: milk and cream, plums, silage, turkeys, and wheat (2010)

# 5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	2011	2010	2009	2008	2007
Apiary Products	\$6,656,000	\$6,548,000	\$5,982,000	\$5,511,000	\$6,263,000
Field Crops	\$612,909,000	\$448,935,000	\$312,067,000	*\$493,355,000	\$427,716,000
Acreege	717,364	689,758	644,285	*700,727	643,563
Fruit and Nut Crops	\$412,088,000	\$319,122,000	\$253,440,000	*\$243,697,000	\$316,357,000
Acreege	63,793	60,200	57,668	*55,744	60,914
Livestock and Poultry	\$191,853,000	\$161,417,000	\$146,509,000	\$147,892,000	\$184,193,000
Livestock and Poultry Products	\$811,523,000	\$568,050,000	\$418,682,000	\$677,468,000	\$696,074,000
Seed Crops	\$7,485,000	\$7,433,000	\$5,652,000	\$8,763,000	\$10,802,000
Acreege	1,732	1,478	3,990	6,404	13,319
Vegetable Crops	\$177,015,000	\$206,466,000	*\$177,931,000	\$160,051,000	\$120,447,000
Acreege	41,790	51,908	*36,527	40,674	35,608
<b>TOTAL</b>	<b>\$2,219,529,000</b>	<b>\$1,717,971,000</b>	<b>*\$1,320,263,000</b>	<b>*\$1,736,737,000</b>	<b>\$1,761,852,000</b>

\* Revised

## 2011 AND 2010 PRODUCTION VALUE COMPARISONS



# TOP 10 COMMODITIES

<b>Crop</b>	<b>2011 Rank</b>	<b>Dollar Value</b>	<b>2010 Rank</b>	<b>2009 Rank</b>	<b>1961 Rank</b>
Milk, Total	1	\$799,409,000	1	1	4
Cotton, Total	2	\$326,197,000	2	2	1
Cattle and Calves	3	\$156,312,000	4	3	2
Tomatoes, Processed	4	\$117,540,000	3	4	n/a
Alfalfa, Total	5	\$97,742,000	6	6	5
Pistachios	6	\$81,164,000	5	5	5
Almonds, Total	7	\$80,436,000	7	9	n/a
Corn, Silage	8	\$72,081,000	8	7	13
Walnuts	9	\$71,921,000	9	8	15
Grapes, Total	10	\$44,436,000	10	10	7
		\$1,847,238,000			

## A Look Back, 50 Years Ago.....1961 Kings County's Top 10 Commodities

<b>Crop</b>	<b>Rank</b>	<b>Dollar Value</b>
Cotton, Total	1	\$38,623,000
Cattle and Calves	2	\$14,348,000
Barley, Total	3	\$13,444,000
Milk, Total	4	\$10,481,000
Alfalfa, Total	5	\$8,828,000
Permanent Pasture	6	\$2,535,000
Grapes, Total	7	\$2,026,000
Peaches	8	\$1,970,000
Cantaloupes	9	\$1,559,000
Turkeys	10	\$1,103,000
<b>Total</b>		\$94,917,000

**Kings County's crop value in 1961 totaled \$103,864,305**

**"The farmer has to be an optimist or he wouldn't still be a farmer." - Will Rogers**

# KINGS COUNTY SUSTAINABLE AGRICULTURAL REPORT

## County Biological Control

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

## County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
Glassy Winged Sharpshooter	Nursery Inspections	459 Shipments Inspected
Gypsy Moth <u>Lymantria dispar</u>	Household Goods Shipments	17 Shipments Inspected
Various Pests	Truck Shipments	25,028 Units Inspected
Crops	Activity	Scope of Program
Export Commodities	Phytosanitary Certification	1,354 Issued
Export Seed	Field Inspections	41 Sites / 874 Acres

# KINGS COUNTY SUSTAINABLE AGRICULTURAL REPORT

## County Pest Eradication

Pest	Agent/Mechanism	Scope of Program
Pink Bollworm <u>Pectinophora gossypiella</u>	Mechanical/Host Free Period	132,895 Acres
Alligatorweed <u>Alternanthera philoxeroides</u>	Visual Inspection Mechanical/Chemical	219 Sites Treated

## County Pest Detection

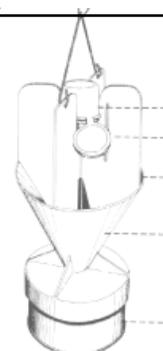
Pest	Number of Traps	Number of Servicings	Type of Trap
All Purpose Fruit Fly	120	972	Champ
Asian Citrus Psyllid	357	3705	Yellow Panel
European Corn Borer	13	179	Pherocon II
European Grape Vine Moth	375	7316	Delta
European Pine Shoot Moth	5	34	Pherocon II
Glassy Wing Sharpshooter	76	1370	Yellow Panel
Gypsy Moth	79	527	Delta
Japanese Beetle	79	527	Japanese Beetle
Khapra Beetle	204	204	Trogo
Light Brown Apple Moth	188	1647	Jackson
Mediterranean Fruit Fly	188	1875	Jackson
Melon Fly	75	793	Jackson
Mexican Fruit Fly	98	2065	McPhail
Oriental Fruit Fly	83	875	Jackson
<b>Total</b>	<b>1,940</b>	<b>22,089</b>	



Jackson Trap



McPhail Trap



Japanese Beetle Trap

# EXPORT COMMODITIES

## Commodities Grown and Exported From Kings County

Alfalfa Seed	Cotton Seed	Onions
Apricots	Garlic	Onion Seed
Asparagus Seed	Grapes	Peaches
Blueberries	Kiwis	Pistachios
Broccoli Seed	Lettuce Seed	Plums
Cherries	Nectarines	Walnuts
Cotton		

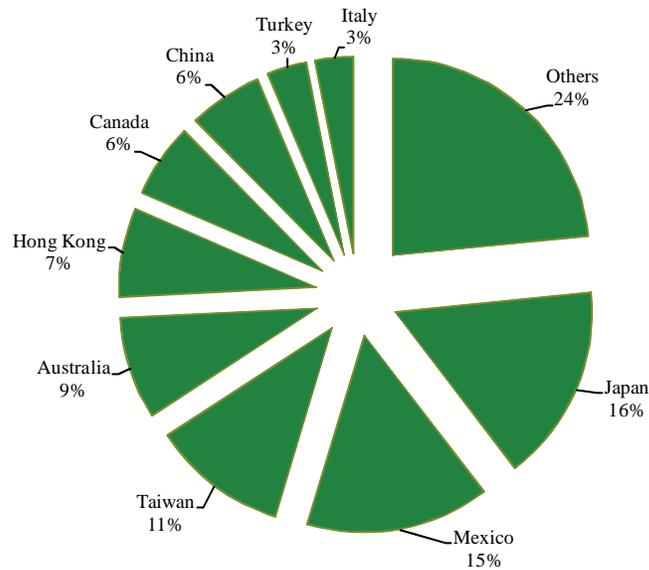
## Export Trade Partners of Kings County in 2011

Argentina	Hong Kong	Panama
Australia	Indonesia	Peru
Brazil	Israel	Philippines
Canada	Italy	Portugal
Chile	Japan	Quatar
China	Korea, Republic of	Republic of Kosovo
Colombia	Latvia	Russian Federation
Costa Rica	Libyan Arab Jamahiriya	Saudi Arabia
Ecuador	Luxembourg	Spain
El Salvador	Malaysia	Switzerland
Fiji	Mexico	Taiwan
France	Morocco	Thailand
Germany	Netherlands	Turkey
Greece	New Caledonia	United Arab Emirates
Guatemala	New Zealand	United Kingdom
Honduras	Oman	Vietnam

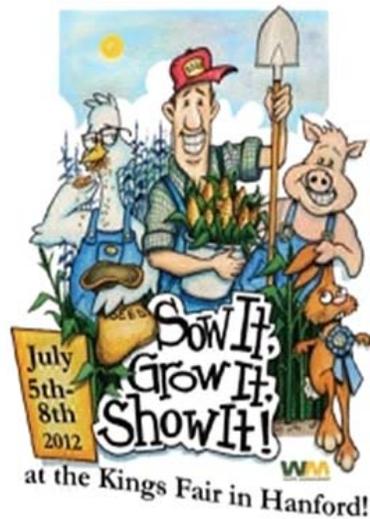
To Learn More About The Kings County Department of Agriculture,  
Visit Our Web Site At: [www.countyofkings.com](http://www.countyofkings.com)

# EXPORT PARTNERS

## Top Export Countries 2011



# FAIRS AND EXPOSITIONS



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

# CERTIFIED FARMERS MARKET

## 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	Dill	Peaches
Apples	Eggs	Peanuts
Apricots	Eggplant	Pears
Apriums	Fennel	Peas
Artichokes	Figs	Pecans
Arugula	Fresh Cut Flowers	Peppers
Asparagus	Garlic	Persimmons
Avocados	Grapefruit	Pistachios
Basil	Grapes	Plums
Bay Leaves	Green Beans	Pluots
Beans	Guava	Pomegranates
Beets	Herbs	Potatoes
Bell Peppers	Honey	Pumpkins
Blackberries	Honeydew Melons	Radishes
Blueberries	Kale	Raisins
Bok Choy	Kiwifruit	Raspberries
Boysenberries	Leeks	Sage
Broccoli	Lemons	Soybeans
Brussel Sprouts	Lettuce	Spinach
Cabbage	Limes	Squash
Cactus	Mandarins	Strawberries
Camellias	Melons	Sunflowers
Cantaloupes	Mint	Swiss Chard
Carrots	Mistletoe	Tangerines
Catnip	Nectarines	Tarragon
Cauliflower	Okra	Tay Berries
Celery	Olallieberries	Tomatoes
Cherries	Olives	Satsumas
Chestnuts	Onions	Walnuts
Chili Peppers	Oranges	Watermelon
Cilantro	Oregano	Zinnias
Corn	Parsley	Zucchini
Cucumbers		

# LAND USE

Surrounding Counties	2010 Rank	2010 Gross Value*	Total County Area Acres	Top Commodity	2010 Value	Acres or No. of Head
Fresno	1	\$5,943,848,000	3,840,000	Grapes	\$820,300,000	188,970
Tulare	2	\$4,863,706,000	3,112,320	Milk	\$1,604,172,000	502,395
Kern	3	\$4,757,261,000	5,166,720	Grapes	\$703,961,000	74,000
Monterey	4	\$4,006,240,000	2,127,359	Strawberries	\$751,114,000	10,664
<b>Kings</b>	<b>11</b>	<b>\$1,717,971,000</b>	<b>890,545</b>	<b>Milk</b>	<b>\$556,002,000</b>	<b>191,339</b>

\* Gross Value does not include timber.

# LAND USE SUMMARY

Land Use Category	2010		2008		Acreage Change
	Acres	Percent	Acres	Percent	
Prime Farmland	130,257	15	138,089	16	-7,832
Farmland of Statewide Importance	388,891	44	397,065	45	-8,174
Unique Farmland	21,801	2	22,928	3	-1,127
Farmland of Local Importance	11,138	1	10,022	1	+1,116
Grazing Land	271,831	31	257,746	29	+14,085
Urban and Built-Up Land	35,847	4	32,220	4	+3,627
Other Land	30,959	3	32,654	2	-1,695
Water Area	62	0	62	0	0
Total Acres	890,786		890,786		

From the California Department of Conservation

“Trade increases the wealth and glory of a country; but its real strength and stamina are to be looked for among the cultivators of the land.” - William Pitt

# KINGS COUNTY GENERAL INFORMATION

<b>County Seat</b>	<b>Hanford</b>
<b>County Population (1/1/2012)</b>	<b>152,419*</b>
<b>Population per Square Mile</b>	<b>110</b>
<b>Total Assessed Value (2011)</b>	<b>\$8,688,651,716</b>
<b>Land Area (Square Miles)</b>	<b>1,391</b>
<b>Total Acres</b>	<b>890,545**</b>
<b>Total Harvested Crop Acreage (2011)</b>	<b>824,679</b>
<b>Total Farmland</b>	<b>810,531</b>
<b>Public Ownership of Land (Acres - 2008)</b>	
<b>Federal</b>	<b>27,313.76</b>
<b>State</b>	<b>4,015.99</b>
<b>County</b>	<b>1,421.61</b>
<b>Local Agencies</b>	<b>3,587.01</b>

**Agricultural production ranked 9th among California counties (based on 2010 total value).**

**Railroads - Burlington Northern Santa Fe, 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 California Department of Finance (Estimate)

\*\*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
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	2.30	1.93	0.31	1.63	0.32	0.00	9.50
2010-11	0.00	0.00	0.00	0.76	1.24	5.29	0.88	0.96	2.70	0.32	0.41	0.91	13.47
2011-12	0.04	0.00	0.00	0.48	0.71	0.01							
<b>AVERAGE</b>	0.01	0.03	0.19	0.42	0.87	1.24	1.63	1.55	1.47	0.76	0.23	0.10	8.50

**50 YEAR AVERAGE RAINFALL**