

2016 Agricultural Crop Report



Kings County

Onions

The unassuming onion is in nearly every home around the globe. Onions are so well ingrained in our lives, that it's possible to be reacquainted with their various forms throughout the day. For example, onions are in the salsa of your breakfast burrito. Visit a cafe for lunch and have a bowl of onion soup or try the onion rings. For dinner, a vegetable curry or stir fry can feel incomplete without onions. They could even be a character of your child's bedtime story. For people who are allergic or who may actually dislike onions, their challenge is avoiding onions!

The onion's extensive presence originated in central Asia and was first cultivated about 5,000 years ago. They then spread to the Middle East and Africa. Considered an object of worship, Egyptians incorporated onions into the mummification process. The Greeks, Romans, and Indians used them as remedies for the heart, vision, dog bites, and to fortify athletes. The Romans extended the vegetable's reach into Europe when they carried it along their journeys to England and Germany. During the bleak Dark and Middle Ages, the onion was a main food source. With the advent of overseas exploration and discovery of the New World, the onion established itself among native people and colonists completing its dispersal around the globe.

In Kings County, onions are generally harvested in summer and early fall. The majority of the onion plant grows above the soil. In the field, maturity is indicated when the onion tops lie down. Onions are then lifted from the soil and are cured in the field for several days to a week to allow them to dry and form a protective outer layer surrounding the bulb. Once cured, onions are harvested and loaded onto trucks where they are delivered to onion packing and processing facilities.

Onions are sold whole after undergoing sizing and grading and are one of California's top three crops in fresh market vegetable production. Onions meant for processing are automatically peeled, sliced, and then turned into various processed forms that many may recognize and use on a daily basis. Thanks to its ability to grow in multiple soil types, onions are one of the few vegetables that has a global presence - both geographically and in our culture by way of food.

Onions are high in vitamin C and a good source of fiber. They are considered an integral vegetable in many recipes and exist in almost every ethnic cuisine. Because of its culinary flexibility, onions may be eaten in any meal. Onions can be sliced, diced, and chopped. They can be further processed into paste, flakes, powder, oil, pickles, sauce, and multiple other variations. Onions can be eaten raw, roasted, grilled, pickled, caramelized or cooked in any number of ways to meet a wide range of preferences.

Another aspect of onions that many people around the world can relate to is onion tears. Onions contain sulfur, an agent that contributes to their flavor. When onions are cut, the sulfuric compounds are released into the air and when it comes into contact with our eyes, it irritates them enough to produce tears. Of course, there are numerous tips and tricks to prevent crying onion tears. Who hasn't tried chilling their onions before chopping them? Chewing a piece of bread while dicing? Or even slicing them when they are submerged under water? Remember, the root end of the onion has the highest concentration of these sulphuric compounds, so avoid cutting this area until the end.

Despite making us cry, onions are very highly valued vegetables. Their universal character makes them possible to be grown internationally and even further ingratiate themselves into local cuisines due to their satisfying flavor and easy ability to be manipulated for cooking. For these reasons and many more, one can assume onions will continue to remain a staple worldwide.



Department of Agriculture / Measurement Standards

TIMNISWANDER
Agricultural Commissioner
Sealer of Weights and Measures

June 20, 2017

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 2016 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 gross values and do not represent net income or loss to producers.

The gross value of all agricultural crops and products produced during 2016 in Kings County was \$2,002,192,000. This represents a decrease of \$18,860,000 (0.9%) from the 2015 value.

Livestock and Poultry had the largest increase in value at \$19,081,000 (7.5%) due primarily to an increase in poultry production (chickens). Fruit and Nut Crops increased in value \$11,812,000 (2.3%) due mainly to the pistachio production rebounding from poor production the previous year. Seed Crops increased \$4,424,000 (102.5%) due mainly to an increase in acreage and production of alfalfa seed. Apiary Products also increased in value \$1,081,000 (11.5%) due primarily to higher pollination prices.

Vegetable Crops had the largest decrease in value at \$20,031,000 (10.2%) due primarily to less processing tomato acreage as well as a lower price. Field Crops decreased in value \$19,931,000 (5.1%) due primarily to lower prices for the majority of the commodities. Livestock and Poultry Products decreased \$15,296,000 (2.3%) due to lower milk prices.

Milk continues to be the top commodity with a value of \$636,909,000 in 2016.

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 Janet Eckles, Agricultural and Standards Inspector, Sonya Hernandez, Agricultural and Standards Inspector and Steve Schweizer, Deputy Agricultural Commissioner/Sealer, with assistance from Randall Bray, Agricultural and Standards Aide.

Respectfully Submitted,

Tim Niswander

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COUNTY ADMINISTRATION

AG COMMISSIONER – SEALER PERSONNEL

Kings County Board of Supervisors

Joe A. Neves	District I	Richard Valle	District II
Doug Verboon	District III	Craig Pedersen	District IV
	Richard Fagundes	District V	

County Administrative Officer

Larry Spikes

Agricultural Commissioner - Sealer of Weights and Measures

Tim Niswander

Deputy Agricultural Commissioner - Sealers

Jimmy Hook	Rusty Lantsberger	Steve Schweizer
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Agricultural and Standards Inspectors

Tom Chambers	Janet Eckles	Vince Evans	Mario Gutierrez	Sonya Hernandez
Michael Leoni	Garen Oliveira	Bruce Perez	Jason Perez	
Rafael Perla	Alfredo Prieto	Lynda Schrupf	Robert Torrez	Shanna Vickers

Agricultural and Standards Aides

Randall Bray	Garrett Roe
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Executive Secretary

Jennifer Rios

Account Clerk

Julie Henderson

Office Assistants

Chelsey Huckabay

Sue Shanahan

FIELD CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Alfalfa, Hay	2016	27,485	7.69	211,360	Ton	\$142.00	\$30,013,000
	2015	38,890	7.48	290,897	Ton	\$182.00	\$52,943,000
Alfalfa, Silage	2016	3,046	4.13	12,580	Ton	\$34.40	\$433,000
	2015	635	4.81	3,054	Ton	\$38.90	\$119,000
Alfalfa, Silage All Year	2016	1,137	30.18	34,315	Ton	\$23.10	\$793,000
	2015	2,251	38.60	86,889	Ton	\$38.50	\$3,345,000
Alfalfa, Stubble a/	2016				Ton		
	2015	9,723			Ton	\$25.00	\$243,000
Barley, Silage a/	2016				Ton		
	2015	5,965	12.42	74,085	Ton	\$41.50	\$3,075,000
Corn, Silage	2016	44,962	25.25	1,135,291	Ton	\$40.10	\$45,525,000
	2015	42,194	25.96	1,095,356	Ton	\$52.60	\$57,616,000
Cotton, Acala - Lint b/	2016	8,535	3.64	31,067	Bale	\$427.00	\$13,266,000
	2015	4,727	3.43	16,214	Bale	\$487.00	\$7,896,000
Cotton, Acala - Seed	2016			13,442	Ton	\$292.50	\$3,932,000
	2015			7,015	Ton	\$411.00	\$2,883,000
Cotton Pima - Lint b/	2016	80,540	3.20	257,728	Bale	\$683.00	\$176,028,000
	2015	65,015	3.07	199,596	Bale	\$687.00	\$137,122,000
Cotton Pima - Seed	2016			111,512	Ton	\$255.00	\$28,436,000
	2015			86,360	Ton	\$340.00	\$29,362,000
Oat, Hay	2016	892	3.01	2,685	Ton	\$62.00	\$166,000
	2015	1,323	3.12	4,128	Ton	\$111.00	\$458,000
Oat, Silage a/	2016				Ton		
	2015	815	10.50	8,558	Ton	\$97.20	\$832,000
Pasture Range	2016	311,816			Ton	\$11.25	\$3,508,000
	2015	312,330			Ton	\$8.03	\$2,508,000

FIELD CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Sorghum, Silage	2016	12,412	17.97	223,044	Ton	\$27.80	\$6,201,000
	2015	15,310	18.11	277,264	Ton	\$35.80	\$9,926,000
Triticale, Silage	2016	2,198	16.01	35,190	Ton	\$24.20	\$852,000
	2015	3,045	13.64	41,534	Ton	\$40.90	\$1,699,000
Wheat, Grain	2016	23,527	2.51	59,053	Ton	\$223.00	\$13,169,000
	2015	22,681	3.14	71,218	Ton	\$259.00	\$18,445,000
Wheat, Hay	2016	1,985	3.87	7,682	Ton	\$86.00	\$661,000
	2015	562	3.89	2,186	Ton	\$75.80	\$166,000
Wheat, Silage	2016	42,818	17.00	727,906	Ton	\$29.60	\$21,546,000
	2015	44,583	17.17	765,490	Ton	\$41.10	\$31,462,000
Other c/	2016	60,937					\$23,071,000
	2015	58,238					\$27,431,000
Total	2016	622,290					\$367,600,000
	2015	628,287					\$387,531,000

a/ Currently included in "Other"

b/ 495 lbs. = 1 bale

c/ Includes alfalfa stubble, barley hay, barley silage, beans-dry, corn-grain, corn - human consumption, forage, hay-other, oat silage, pasture irrigated, ryegrass, safflower, sorghum grain, sudan hay, sudan silage, sugar beets-silage, triticale grain, and wheat straw.



FRUIT & NUT CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Almonds	2016	23,131	1.07	24,750	Ton	\$4,820.00	\$119,295,000
	2015	21,455	1.03	22,099	Ton	\$7,570.00	\$167,289,000
Almond Hulls	2016			49,500	Ton	\$73.63	\$3,645,000
	2015			44,198	Ton	\$126.00	\$5,569,000
Almond Shells	2016			12,375	Ton	\$5.77	\$71,000
	2015			11,050	Ton	\$23.50	\$260,000
Apricots	2016	780	11.36	8,861	Ton	\$1,530.00	\$13,557,000
	2015	877	7.33	6,428	Ton	\$1,690.00	\$10,863,000
Cherries	2016	1,371	2.88	3,948	Ton	\$4,410.00	\$17,411,000
	2015	1,678	3.11	5,219	Ton	\$5,230.00	\$27,295,000
Grapes, Raisin	2016	1,696	2.43	4,121	Ton	\$1,430.00	\$5,893,000
	2015	2,103	3.71	7,802	Ton	\$1,750.00	\$13,654,000
Grapes, Table	2016	824	13.48	11,108	Ton	\$1,550.00	\$17,217,000
	2015	865	15.68	13,563	Ton	\$1,370.00	\$18,581,000
Grapes, Wine	2016	3,730	13.63	50,840	Ton	\$286.00	\$14,540,000
	2015	3,328	12.20	40,602	Ton	\$261.00	\$10,597,000
Grapes, Total	2016	6,250					\$37,650,000
	2015	6,296					\$42,832,000
Nectarines	2016	1,497	10.52	15,748	Ton	\$1,380.00	\$21,732,000
	2015	1,653	10.63	17,571	Ton	\$1,250.00	\$21,964,000
Peaches, Cling	2016	703	18.20	12,795	Ton	\$499.00	\$6,385,000
	2015	852	18.78	16,001	Ton	\$513.00	\$8,209,000
Peaches, Freestone	2016	1,889	11.23	21,213	Ton	\$1,200.00	\$25,456,000
	2015	2,058	11.89	24,470	Ton	\$1,090.00	\$26,672,000
Peaches, Total	2016	2,592					\$31,841,000
	2015	2,910					\$34,881,000

FRUIT & NUT CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Pistachios	2016	21,859	1.90	41,532	Ton	\$4,300.00	\$178,588,000
	2015	20,373	0.68	13,854	Ton	\$6,190.00	\$85,756,000
Plums	2016	2,144	7.75	16,616	Ton	\$1,410.00	\$23,429,000
	2015	2,138	8.05	17,211	Ton	\$1,250.00	\$21,514,000
Walnuts	2016	14,972	2.01	30,094	Ton	\$1,870.00	\$56,276,000
	2015	14,853	2.11	31,340	Ton	\$1,770.00	\$55,472,000
Other a/	2016	4,050					\$21,618,000
	2015	4,660					\$39,606,000
TOTAL	2016	78,646					\$525,113,000
	2015	76,893					\$513,301,000

a/ Includes apples, blueberries, cherry-plums, firewood, kiwifruit, oranges, olives, pecans, persimmons, pluots, pomegranates, prunes, quince, strawberries, and tangerines.



SEED CROPS

Crop	Year	Harvested Acres	Total	Unit	Per Unit	Value Total
Seed Crops a/	2016	6,039		LBS		\$8,739,000
	2015	4,790		LBS		\$4,315,000

a/ Includes alfalfa certified, asparagus, broccoli, cabbage, carrot, corn, cotton certified, flower, lettuce, and onion.



VEGETABLE CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Tomatoes, Processed	2016	29,750	56.68	1,686,230	TON	\$70.70	\$119,216,000
	2015	31,029	54.99	1,706,285	TON	\$77.20	\$131,725,000
Other a/	2016	9,730					\$56,617,000
	2015	9,528					\$64,139,000
TOTAL	2016	39,480					\$175,833,000
	2015	40,557					\$195,864,000

a/ Includes asparagus, bell peppers, broccoli, cabbage, cantaloupe, carrots, corn sweet, garlic fresh, garlic processed, miscellaneous melons, onions fresh, onions processed, radicchio, squash, tomatoes fresh, tomato transplants, and watermelons.

INVENTORIES OF LIVESTOCK & POULTRY

Item	December, 2016 Number of Head	December, 2015 Number of Head
Cattle and Calves		
All	420,000	425,000
Dairy Cows 2 Years and Over	180,000	185,000
Cattle and Calves on Feed	5,400	5,700
Other	234,600	234,300
Sheep and Lambs		
Sheep and Lambs	8,645	10,025
Goats	9,741	16,544
Hogs and Pigs	523	218
Turkeys	1,099,386	1,043,880

LIVESTOCK & POULTRY

Item	Year	Number of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle and Calves a/	2016	215,398		Head	\$1022.00	\$220,137,000
	2015	221,878		Head	\$1020.00	\$226,316,000
Turkeys	2016	1,099,386	33,023,533	Lb.	\$0.75	\$24,768,000
	2015	1,043,880	32,845,782	Lb.	\$0.85	\$27,919,000
Other b/	2016	5,272,590				\$29,286,000
	2015	27,158				\$875,000
TOTAL	2016	6,587,374				\$274,191,000
	2015	1,292,916				\$255,110,000

a/ Includes breeding stock value in total.

b/ Includes chickens, ducks, goats, hogs, pigs, sheep, and lambs.

LIVESTOCK & POULTRY PRODUCTS

Item	Year	Total Production	Unit	Value Per Unit	Total
Manure	2016	761,319	Ton	\$4.30	\$3,274,000
	2015	625,258	Ton	\$6.00	\$3,752,000
Milk, Market	2016	42,698,475	Cwt.	\$14.80	\$631,937,000
	2015	42,691,126	Cwt.	\$15.20	\$648,905,000
Milk, Mfg.	2016	17,881	Cwt.	\$16.05	\$287,000
	2015	32,452	Cwt.	\$17.20	\$558,000
Milk, Goats	2016	128,710	Cwt.	\$36.40	\$4,685,000
	2015	62,330	Cwt.	\$35.90	\$2,238,000
Milk Total	2016	42,845,066	Cwt.		\$636,909,000
	2015	42,785,908	Cwt.		\$651,701,000
Wool a/	2016	50,800	Lb.	\$1.50	\$76,000
	2015	66,217	Lb.	\$1.54	\$102,000
TOTAL	2016				\$640,259,000
	2015				\$655,555,000

a/ Price does not include wool incentive



APIARY PRODUCTS

Item	Year	Total Production	Unit	Value Per Unit	Total
Honey	2016	251,848	Lb.	\$2.12	\$534,000
	2015	182,988	Lb.	\$1.91	\$350,000
Beeswax	2016	2,735	Lb.	\$2.36	\$6,450
	2015	4,148	Lb.	\$2.89	\$12,000
Pollination, Seed Alfalfa	2016	7,435	Colonies	\$60.00	\$446,100
	2015	6,176	Colonies	\$60.00	\$371,000
Pollination, Tree Fruit & Nuts a/	2016	51,027	Colonies	\$183.33	\$9,355,000
	2015	48,049	Colonies	\$176.00	\$8,457,000
Pollination, Melons	2016	305	Colonies	\$38.00	\$11,600
	2015	573	Colonies	\$35.00	\$20,100
Pollination, Vegetable Seed	2016	1,729	Colonies	\$60.00	\$104,000
	2015	2,767	Colonies	\$60.00	\$166,000
TOTAL	2016				\$10,457,000
	2015				\$9,376,000

a/ Includes almonds, cherries, pluots, pomegranates, and plums.



AGRICULTURAL QUICK FACTS

Kings County is ranked:

- **9th** among California counties in agricultural production
- **1st** among California counties in the production of cotton lint and cottonseed
- **3rd** among California counties in the production of milk and cream, nectarines, plums.
- **4th** among California counties in the production of tomatoes (processing), cherries, turkeys, apricots, and wheat.
- **5th** among California counties in the production of silage, pistachios and peaches.

Information is based on 2015 County Agricultural Commissioners' Crop Reports

5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	2016	2015	2014	2013	2012
Apiary Products	\$10,457,000	\$9,376,000	\$8,483,000	\$7,801,000	\$6,972,000
Field Crops Acreage	\$367,600,000 622,290	\$387,531,000 628,287	\$486,219,000 592,831	\$591,715,000 687,709	\$634,944,000 715,383
Fruit & Nut Crops Acreage	\$525,113,000 78,646	\$513,301,000 76,893	\$569,018,000 76,783	\$513,872,000 73,964	\$412,643,000 68,019
Livestock and Poultry	\$274,191,000	\$255,110,000	\$207,013,000	\$213,050,000	\$265,548,000
Livestock and Poultry Products	\$640,259,000	\$655,555,000	\$973,040,000	\$777,477,000	\$704,865,000
Seed Crops Acreage	\$8,739,000 6,039	\$4,315,000 4,790	\$8,680,000 4,539	\$10,274,000 9,840	\$5,858,000 1,079
Vegetable Crops Acreage	\$175,833,000 39,480	\$195,864,000 40,557	\$219,293,000 47,210	\$152,989,000 48,945	\$184,184,000 47,802
TOTAL	\$2,002,192,000	\$2,021,052,000	\$2,471,746,000	\$2,267,178,000	\$2,215,014,000

*Revised

AGRICULTURAL EFFICIENCY...

Production Per Acre Comparison for Miscellaneous Crops
2016 & 1966

Crop	2016 Production/Acre	Unit	1966 Production/Acre	Unit
Corn, Silage	25.25	Tons	19.60	Tons
Cotton	3.64	Bales	1.92	Bales
Walnuts	2.01	Tons	1.20	Tons
Wheat	2.51	Tons	1.20	Tons

TOP 10 COMMODITIES

Crop	2016 Rank	Dollar Value	2015 Rank	2014 Rank	1966 Rank
Milk, Total	1	\$636,909,000	1	1	4
Cotton, All	2	\$221,662,000	3	2	1
Cattle & Calves	3	\$220,137,000	2	3	2
Pistachios	4	\$178,588,000	6	6	N/A
Almonds, All	5	\$123,011,000	4	4	28
Tomatoes, Processed	6	\$119,216,000	5	5	N/A
Walnuts	7	\$56,276,000	9	7	15
Corn, Silage	8	\$45,525,000	7	8	17
Grapes, All	9	\$37,650,000	10	10	9
Peaches, All	10	\$31,841,000	11	12	7

A LOOK BACK, 50 YEARS AGO.....1966 KINGS COUNTY'S TOP 10 COMMODITIES

Crop	Rank	Dollar Value
Cotton, Total	1	\$28,373,000
Cattle & Calves	2	\$22,071,000
Barley, Total	3	\$17,409,000
Milk, Total	4	\$16,575,000
Alfalfa, Total	5	\$13,368,000
Safflower, Total	6	\$5,593,000
Peaches	7	\$3,100,000
Melons	8	\$2,865,800
Grapes, Total	9	\$2,844,000
Corn, Total	10	\$2,840,000
Total		\$115,038,800

SUSTAINABLE AGRICULTURE REPORT

County Biological Control

Pest	Agent/Mechanism	Scope of Program
Puncture Vine <u>Tribulus terrestris</u>	Stem Mining Weevil <u>Microlarinus lypriformis</u>	Generally Distributed
	Seed Head Weevil <u>Microlarinus laerynii</u>	Generally Distributed
Yellow Starthistle <u>Centaurea solstitialis</u>	Seed Head Weevil <u>Bangastemus orientalis</u>	Generally Distributed
	Gall Fly <u>Urophora sirunaseva</u>	Generally Distributed
	Hairy Weevil <u>Eustenopus villosus</u>	Generally Distributed
Ash Whitefly <u>Siphoninus phillyreae</u>	Parasitic Wasp <u>Encarsia partenopea</u>	Generally Distributed
Red Gum Lerp Psyllid <u>Glycaspis brimblecombei</u>	Parasitic Wasp <u>Psyllaephagus bliteus</u>	Generally Distributed
Silverleaf Whitefly <u>Bemisia argentifolii</u>	Parasitic Wasp <u>Eretmocerus sp. (M95104)</u>	Generally Distributed
	<u>Eretmocerus sp. (M95012)</u>	Generally Distributed

County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
Glassy Winged Sharpshooter <u>Homocidus</u>	Nursery/Citrus Inspections	702 Shipments Inspected
Gypsy Moth <u>Lymantria dispar</u>	Household Goods Shipments	3 Shipments Inspected
Various Pests	Truck Shipments	64,158 Units Inspected

Crops	Activity	Scope of Program
Export Commodities	Phytosanitary Certification	1,436 Issued
Export Seed	Field Inspections	35 Sites / 3104 Acres

SUSTAINABLE AGRICULTURE REPORT

County Pest Eradication

Pest	Agent/Mechanism	Scope of Program
Pink Bollworm <u>Pectinophora gossypiella</u>	Mechanical/Host Free Period	83,375 Acres
Alligatorweed <u>Alternanthera philoxeroides</u>	Visual Inspection Mechanical/Chemical	66 Sites Treated

County Pest Detection

Pest	Number of Traps	Number of Servicing	Type of Trap
All Purpose Fruit Fly	117	1,078	Champ
Asian Citrus Psyllid	212	3,435	Yellow Panel
European Corn Borer	13	160	Pherocon II
European Grape Vine Moth	581	6,927	Delta
European Pine Shoot Moth	6	39	Pherocon II
Glassy Wing Sharpshooter	67	943	Yellow Panel
Gypsy Moth	82	618	Delta
Japanese Beetle	82	618	Japanese Beetle
Light Brown Apple Moth	152	2,247	Jackson
Mediterranean Fruit Fly	152	2,247	Jackson
Melon Fly	76	730	Jackson
Mexican Fruit Fly	100	2,680	McPhail
Oriental Fruit Fly	152	2,247	Jackson
TOTAL	1,792	23,969	

Until 2016 Kings County was free from the Asian Citrus Psyllid (ACP) even though the surrounding counties were dealing with this pest and the disease it carries, Huanglongbing aka Citrus Greening Disease. This year ACP was detected in Kingsburg, Hanford, Stratford, and Kettleman City through residential trapping or visual surveys.



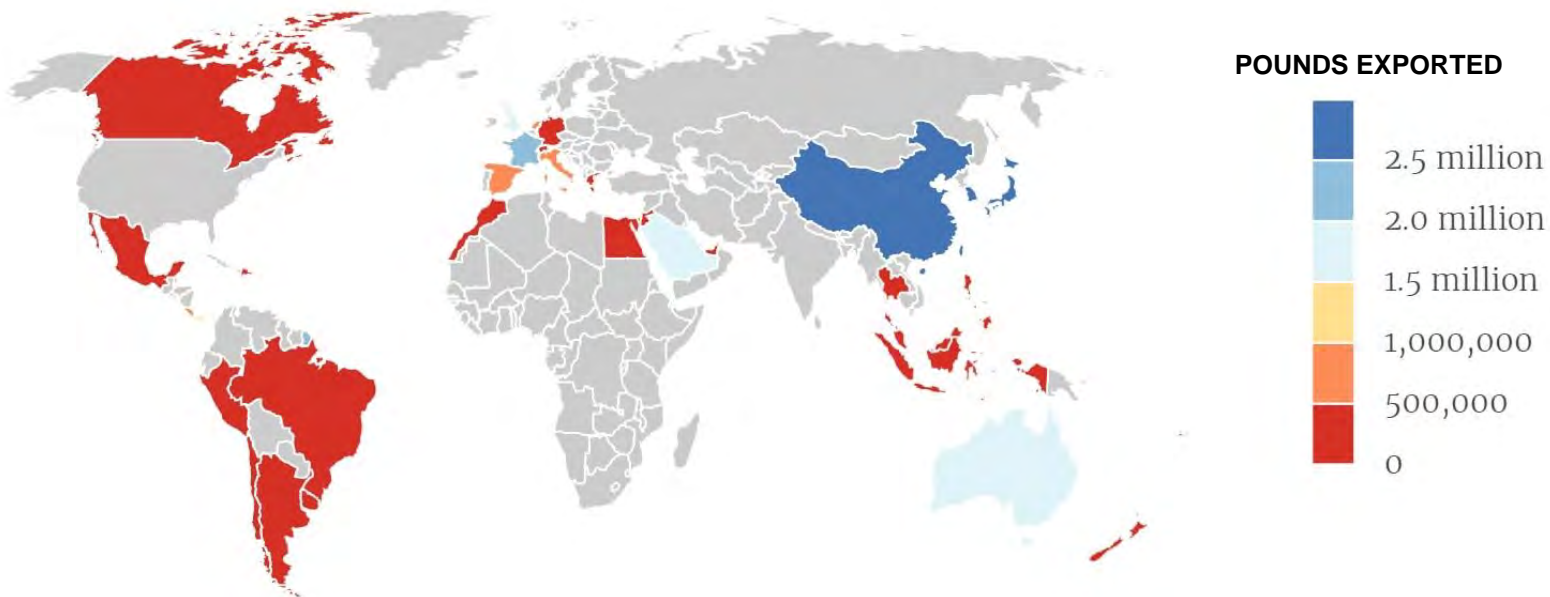
EXPORT COMMODITIES

Commodities Grown and Exported From Kings County

Alfalfa Seed
Almonds
Apricots
Aprium
Asparagus Seed
Blueberry
Cherry

Cotton
Cotton Seed
Garlic Seed
Grapes
Kiwi
Nectarines
Onion Seed
Peaches

Pistachios
Plums
Pluots
Pomegranates
Rye Seed
Sudan Grass Seed
Walnuts



Export Trade Partners of Kings County in 2016

Argentina
Australia
Bahrain
Brazil
Canada
Chile
China
Costa Rica
Dominican Republic
Egypt

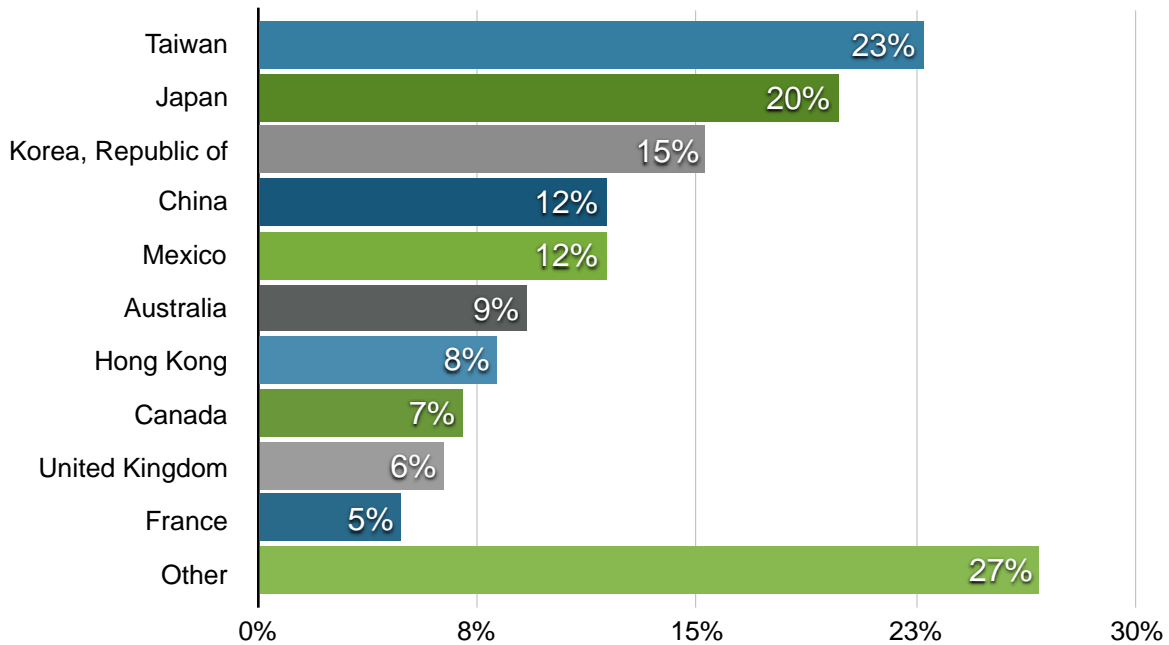
Fiji
France
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Germany
Greece
Hong Kong
Indonesia
Israel
Italy
Japan

Jordan
Korea, Republic of
Luxembourg
Malaysia
Mexico
Morocco
Netherlands
New Zealand
Panama
Peru

Philippines
Saudi Arabia
Singapore
Spain
Switzerland
Taiwan
Thailand
United Arab Emirates
United Kingdom
Uruguay
Vietnam

EXPORT PARTNERS

Percentage of Total Export Certificates Issued 2016

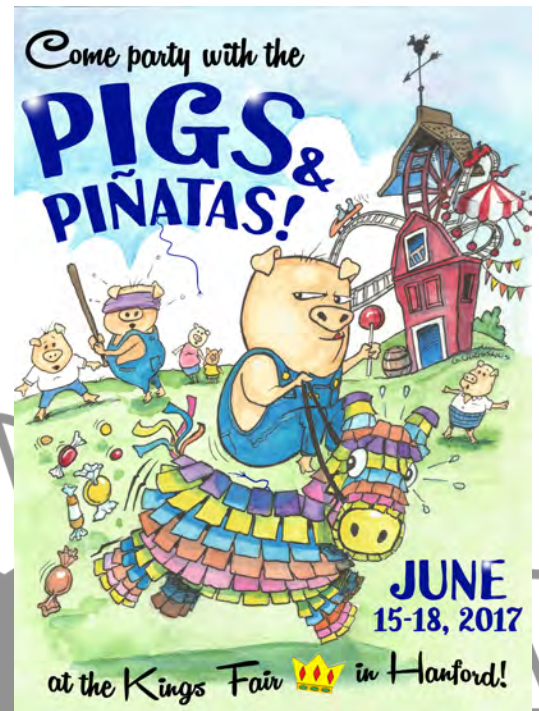


FAIRS AND EXPOSITIONS

Kings County
Fairgrounds!

801 S. 10th Ave
Hanford, CA 93230

Phone
559-584-3318
Fax
559-584-0192



ORGANIC PRODUCTION



On 26,472 acres, Kings County growers produced more than 70 organic crops including various nuts, fruits, vegetables, flowers, citrus and field crops. These crop values are included in their respective commodity groups.

In 2016, there were 35 organic producers and 7 organic handlers registered in Kings County, including 4 new registrations. In addition, all registered organic producers were third-party certified.

2016 saw the passage of the California Organic Food and Farming Act. Sponsored by the industry, the law updates the State Organic Program (SOP) including streamlining the registration process, updating the SOP registration fee schedule, and revising the makeup of the state advisory committee. The law went into effect on January 1, 2017.



CERTIFIED FARMERS MARKET



In 2016, Kings County had 24 certified producers growing nearly 100 different commodities. Direct marketing and Certified Farmers' Markets are statewide programs that provide producers opportunities to sell the products they have grown directly to consumers. In turn, consumers have the benefit of fresh, seasonal produce and an opportunity to gather as a community.

Thursday Night Market Place

Irwin Street, Hanford

Thursdays, Weekly

May to September

5:30 PM to 9 PM

LAND USE

Surrounding Counties	2015 Rank	2015 Gross Value*	Total County Area Acres	Value per Acre	Top Commodity	2015 Gross Value*
Tulare	1	\$6,980,772,000	3,840,000	\$1,818.00	Milk	\$1,713,019,000
Kern	2	\$6,878,664,000	3,112,320	\$2,211.00	Almonds, All	\$1,453,855,000
Fresno	3	\$6,606,368,000	5,166,720	\$1,279.00	Almonds, All	\$1,171,800,000
Monterey	4	\$4,841,519,000	2,127,359	\$2,276.00	Berries	\$835,848,000
Kings	9	\$2,021,052,000	890,785	\$2,269.00	Milk	\$648,905,000

* Gross Value does not include timber. Values based on annual crop reports.



LAND USE SUMMARY

Land Use Category	2014		2012		Acreage Change
	Acres	Percent	Acres	Percent	
Prime Farmland	112,255	13	118,451	13	-6,196
Farmland of Statewide Importance	365,024	41	376,878	42	-11,854
Unique Farmland	19,219	2	19,863	2	-644
Farmland of Local Importance	11,035	1	11,152	1	-117
Grazing Land	313,864	35	295,814	33	18,050
Urban and Built-Up Land	37,194	4	36,640	4	554
Other Land	32,145	3	31,938	4	207
Water Area	62	0	62	0	0
Total Acres	890,798		890,798		

WEIGHTS & MEASURES

We, in partnership with the California Department of Food and Agriculture, serve the people of California by preserving and defending the measurement standards essential in providing the citizens a basis of value comparison and fair competition in the marketplace.

In Kings County, weights and measures inspectors work to preserve equity in the marketplace. Using specialized and accurate equipment, they perform a multitude of inspections of commercial devices and commodities that touch the lives of people everyday.

In 2016, the Kings County Department of Measurement Standards:

- Verified 289 devices for Service Agencies
- Inspected 1,530 devices including:
 - 150 Counter Scales
 - 13 Livestock & Animal Scales
 - 80 Vehicle Scales
 - 1,287 Retail Motor Fuel Meters (gas pumps) as well as checking for petroleum advertising and labeling compliance
- Verified scanned prices of 2,201 packages and made 137 test purchases in Quantity Control
- Performed 18 weighmaster audits

KINGS COUNTY GENERAL INFORMATION

County Seat	Hanford
County Population (1/1/2016)	150,373*
Population per Square Mile	109
Total Assessed Value (2016)	\$9,869,806,001
Land Area (Square Miles)	1,392
Total Acres	890,798**
Total Harvested Crop Acreage (2016)	746,455
Total Farmland	821,397**
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 2014 total value).

Railroads - Burlington Northern Santa Fe, Union Pacific & San Joaquin Railroad.

Major Roads - Interstate 5, Highway 41, Highway 43, Highway 33 & Highway 198.

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

Elevation - 175 feet above sea level at Tulare Lake to 3473 feet above sea level at the Kings/Monterey County line boundary.

Average length of growing season: 272 days.***

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

Average date of last spring frost: February 24.***

Average date of first fall frost: November 23.***

*Courtesy of the California Department of Finance (Estimate)

**Courtesy of the California Department of Conservation

***Courtesy of The Old Farmer's Almanac

RAINFALL – HANFORD, CA

YEAR	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
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	0.64	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	0.61	0.43	1.72	1.79	0.03	0.00	5.82
2012-13	0.00	0.00	0.00	0.14	0.34	1.52	0.25	0.42	0.67	0.08	0.18	0.00	3.60
2013-14	0.00	0.00	0.01	0.00	0.33	0.16	0.30	1.38	0.27	0.35	0.01	0.00	2.81
2014-15	0.00	0.00	0.03	0.00	0.94	2.52	0.08	0.72	0.02	0.77	0.10	0.00	5.18
2015-16	0.45	0.00	0.00	0.38	0.91	1.40	3.09	0.05	1.99	0.57	0.02	0.09	8.80
2016-17	0.00	0.00	0.00	0.76	0.40	1.60							2.76
AVERAGE	0.02	0.02	0.18	0.42	0.83	1.28	1.63	1.46	1.48	0.73	0.22	0.10	8.37