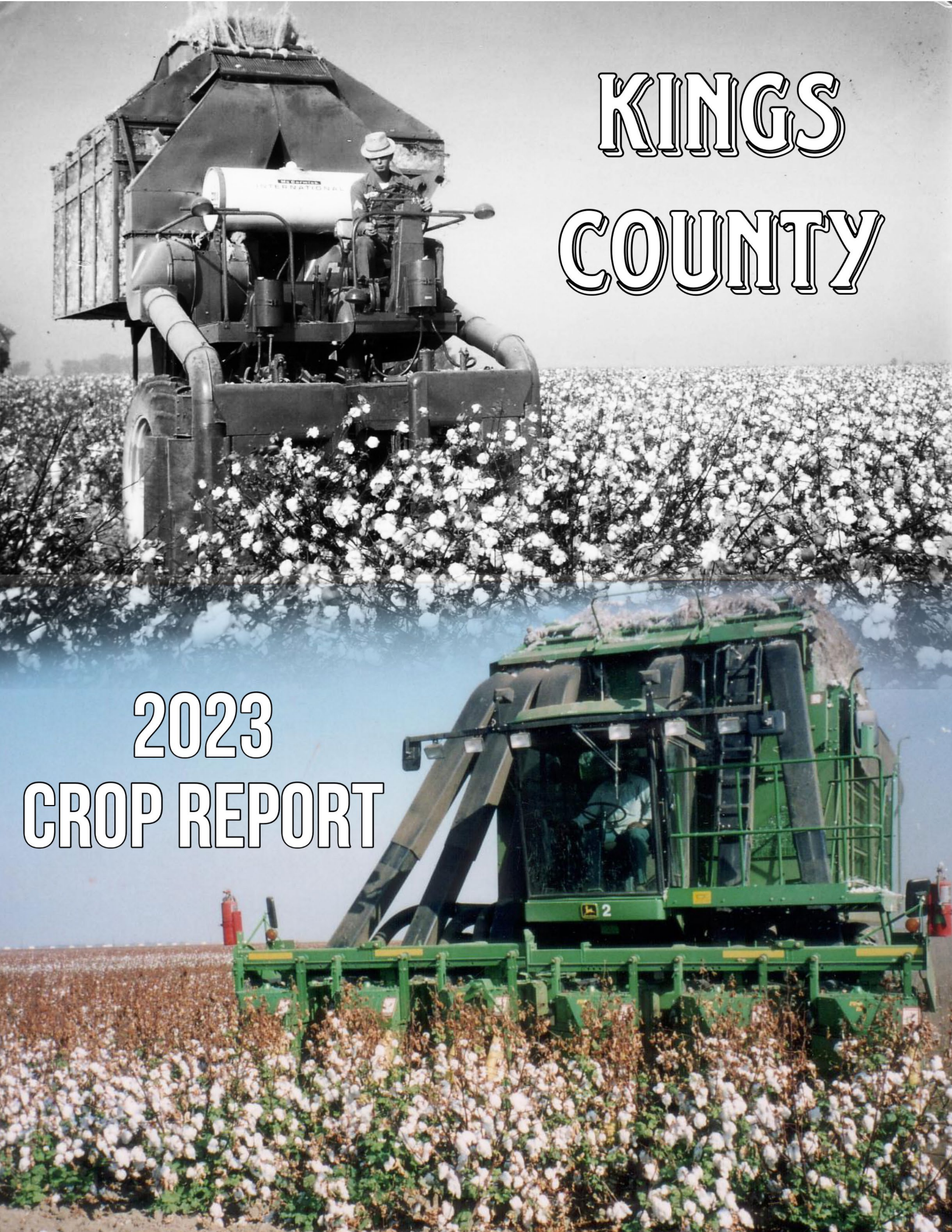


KINGS COUNTY

2023 CROP REPORT





Kings County Farmers: Their Farms Tell Their Story

The 2023 Kings County Crop Report is dedicated to the Farmers of Kings County. Ask any farmer in Kings County their story. They all have one. Some farmers came from areas like Southern California to escape a growing population, some decided to buy acreage and simply take up farming, while some families have been farming this land since the 1850's. In a time when farms are slowly disappearing, these survivors have learned to adapt to the ever-increasing changes that are thrown their way. They are proud of their farms. Their blood, sweat, and tears are deeply rooted in Kings County soil.

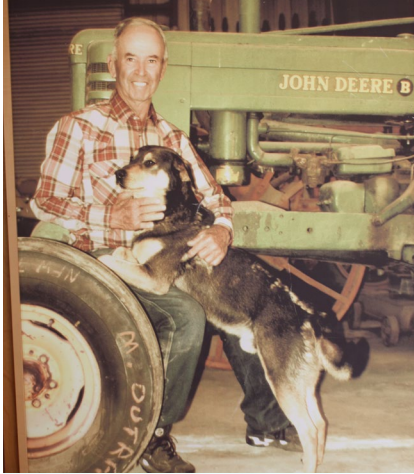
Originally, settlers to the area were interested in the land around Tulare Lake and its wetlands for agricultural development. At the time, Tulare Lake was the largest body of fresh water west of the Great Lakes. These individuals were originally a part of Tulare County, but complained that the county seat, in Visalia, was too far to travel and that taxes were too high. On May 23, 1893, people voted to establish Kings County. The western part of Tulare County became Kings County. Three years later, in 1899, Tulare Lake would disappear as reservoirs and canals were built to supply a growing population and a booming agriculture industry. In 1909, an additional 208 acres were added to Kings County from Fresno County. The total acres in Kings County today stands at 890,545.

Ranching and farming in the early days of Kings County were prevalent. The first grape vineyard was planted in 1890, and the first dairy farm was established in 1893. Crop Report records dating back to 1941 state the top three crops at the time were barley, alfalfa, and cotton. The trends fluctuated, with cotton being king in the early 1980's. Jumping to the Kings County 2023 Crop Report, the top crops were milk, pistachios, and cotton.

In the United States, total farmland acres have declined during the last 100 years. In 1935, the USDA reported 6.8 million farms in contrast to 2023, where there were only 1.89 million farms reported in the United States. In the last 60 years, Kings County production acres decreased by over 100,000. Though the total number of farms is decreasing, farming endures. Today, 10% of the remaining United States farms account for 70% of agricultural production. The farmers who remain are compelled to find ways to produce more with less.

Farmers have also been forced to make many difficult choices recently due to rising supply costs, such as fertilizer, seeds, and farming equipment. Feed prices for animal production are also on the rise. Farmers must contend with water issues, eminent domain, and environmental restrictions, which affect how they grow their crops, what crops they can grow, and which pesticides they are allowed to apply to those crops.

In proper farmer form, they continue to press on. They bend but do not break at everything thrown their way. They are a tough breed that never wants to show the struggle. They are proud of their hard work and dedication. They are willing to help a neighboring farmer whenever the need arises. They are stewards of the land and are grateful for what they have. We recognize some of Kings County's Farmers throughout this 2023 Kings County Crop Report. Take a moment to observe these faces and their stories, and remember to express your gratitude for everything they do.





Department of Agriculture / Measurement Standards

JIMMY HOOK
Agricultural Commissioner
Sealer of Weights and Measures

September 24, 2024

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 2023 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 2023 in Kings County was \$2,155,882,000. This represents a decrease of \$438,695,000 (16.9%) from the 2022 value.

Livestock and Poultry Products had the largest decrease in value at \$301,043,000 (30.0%) due largely to a decrease in cow milk prices and production. Field crops decreased in value \$208,345,000 (38.4%) due to lower planted acreage and decreased values of cotton lint, alfalfa hay, safflower, silage corn, wheat grain and hay. Vegetable crops decreased in value by \$11,666,000 (5.4%) due primarily to a reduction in tomato processing acreage.

Fruit and nut crops had the largest increase in value at \$77,021,000 (12.6%) due to an increase in the harvested acreage of table grapes and pistachios along with an increase in the price of freestone peaches. Seed crops increased in value \$3,624,000 (29.1%) due to increases in planted acreage and seed value of lettuce, triticale and certified wheat.

Milk continues to be the top commodity with a value of \$698,814,000 in 2023.

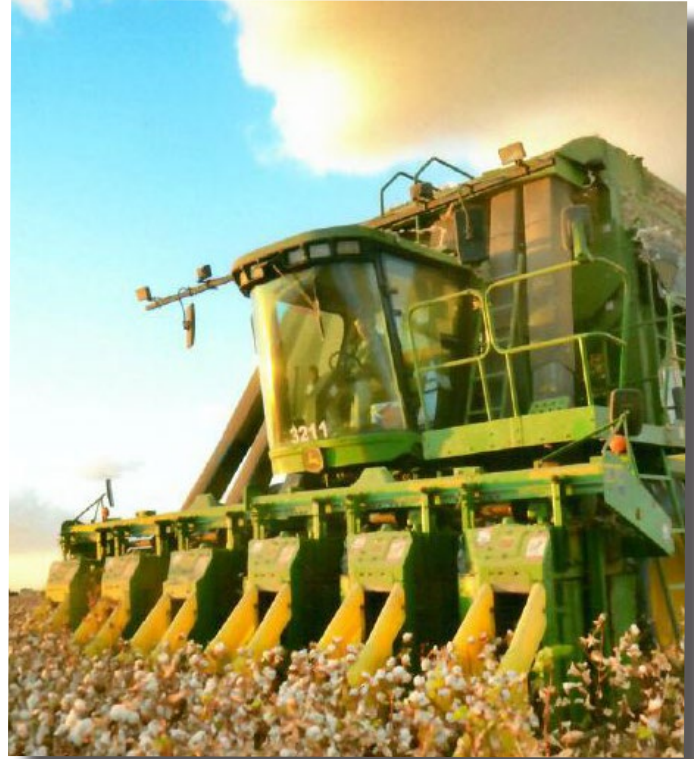
My thanks and appreciation is extended to the many producers and organizations who contributed information for this report. This report was compiled and prepared by Julie Henderson, Account Clerk, Janet Trujillo, Office Assistant, and Mario Gutierrez, Deputy Agricultural Commissioner/Sealer.

Respectfully Submitted,

Jimmy Hook

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Kings County General Information

County Seat: Hanford **County Population:** 151,018 **Population per Square Mile:** 108.57

Total Assessed Value (2022 - 2023): **Land Area (Square Miles):**

\$14,200,000,000

1,392

Total Acres: 890,545

Total Farmland: 749,100

Public Ownership of Land

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 2021 total value).

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

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

Water Sources: Kings River, Tule River, Kaweah River, Kern River & 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.

Kings County is ranked*:

8th among California counties in overall agricultural production

1st among California counties in cotton lint, cottonseed production, and wheat production

3rd among California counties in corn, nectarines, plums, and tomato production

4th among California counties in the production of milk, pistachios, and peaches

**Information is based on 2022 County Agricultural Commissioners' Crop Reports*

Courtesy of countyofkings.com/about-us

County Administration

Ag Commissioner - Sealer Personnel

County Administrative Officer

Kyria Martinez

Kings County Board of Supervisors

Joe A Neves - District I
Richard Valle - District II
Doug Verboon - District III
Rusty Robinson - District IV
Richard Fagundes - District V

Agricultural Commissioner – Sealer of Weights and Measures

Jimmy Hook

Deputy Agricultural Commissioner – Sealers

Janet Eckles

Mario Gutierrez

Lynda Schrupf



Agriculture & Standards Inspectors

Randall Bray
Celso Maya-Gaona

Aaron Brown
Bruce Perez

Cecilia Ceja
Jason Perez

Luis Gutierrez
Rafael Perla

Robert Lineaweaver
Vincent Quinn

Liliana Rangel

Alejandro Rosales

Robert Torrez

Agriculture & Standards Aides

Andrew Larson Garrett Roe

Executive Secretary

Jennifer Rios

Account Clerk

Julie Henderson

Office Assistants

Leticia Harbor Janet Trujillo

Field Crops

Crop	Year	Harvested Acres	Production		Unit	Value Per Unit	Total
			Per Acre	Total			
Alfalfa, Hay	2023	15,997	8.44	135,015	Ton	\$225.00	30,378,000
	2022	20,845	8.71	181,560	Ton	\$372.00	\$67,540,000
Barley, Silage	2023	3,493	13.95	48,727	Ton	\$54.50	\$2,656,000
	2022	1,466	19.55	28,660	Ton	\$74.70	\$2,141,000
Corn, Silage	2023	65,071	24.62	1,602,048	Ton	\$54.70	\$87,632,000
	2022	47,720	25.07	1,196,340	Ton	\$103.60	\$123,941,000
Cotton, Acala-Lint a/	2023	5,522	3.76	20,763	Bale	\$470.00	\$9,759,000
	2022	4,933	3.50	17,266	Bale	\$433.00	\$7,476,000
Cotton, Acala-Seed	2023			8,565	Ton	\$495.00	\$4240,000
	2022			7,122	Ton	\$495.00	\$3,525,000
Cotton, Pima-Lint a/	2023	27,706	2.87	79,516	Bale	\$854.00	\$67,907,000
	2022	42,388	3.28	139,033	Bale	\$1,127.00	\$156,690,000
Cotton, Pima-Seed	2023			32,800	Ton	\$353.00	\$11,578,000
	2022			57,351	Ton	\$438.00	\$25,120,000
Oat, Hay	2023	909	3.06	2,782	Ton	\$109.00	\$303,000
	2022	2,111	2.59	5,467	Ton	\$97.00	\$530,000
Oat, Silage	2023	1,996	14.08	28,104	Ton	\$46.90	\$1,318,000
	2022	52	10.25	533	Ton	\$63.20	\$34,000
Pasture Range	2023	347,440				\$18.50	\$6,428,000
	2022	357,716				\$18.50	\$6,618,000
Sorghum, Silage	2023	23,248	20.78	483,093	Ton	\$39.00	\$18,841,000
	2022	10,088	20.13	203,071	Ton	\$79.60	\$16,164,000
Triticale, Grain	2023	1,238	3.23	3,999	Ton	\$480.00	\$1,919,000
	2022	783	2.70	2,114	Ton	\$375.00	\$793,000
Triticale, Silage	2023	13,094	19.22	251,667	Ton	\$48.90	\$12,307,000
	2022	9,934	17.95	178,315	Ton	\$74.70	\$13,320,000
Wheat, Grain	2023	7,352	2.51	18,454	Ton	\$379.00	\$6,994,000
	2022	14,766	3.68	54,339	Ton	\$341.00	\$18,530,000

Field Crops

Crop	Year	Harvested Acres	Production		Unit	Value Per Unit	Total
			Per Acre	Total			
Wheat, Hay	2023	555	2.96	1,643	Ton	\$157.00	\$258,000
	2022	1,208	4.24	5,122	Ton	\$349.00	\$1,788,000
Wheat, Silage	2023	55,283	19.90	1,100,132	Ton	\$54.60	\$60,067,000
	2022	40,993	21.47	880,120	Ton	\$68.30	\$60,112,000
Other b/	2023	31,617					\$11,822,000
	2022	43,082					\$38,430,000
Total	2023	600,521					\$334,407,000
	2022	598,085					\$542,752,000

a/ 495 lbs. = 1 bale

b/ Includes alfalfa silage, barley (grain), barley (hay), corn (human consumption), forage, hay (other), industrial hemp, (pasture irrigated), ryegrass, safflower, sorghum milo, sudan hay, sudan silage, and wheat straw.



Seed Crops

Crop	Year	Harvested Acres	Production		Unit	Value Per Unit	Total
			Per Acre	Total			
Seed Crops a/	2023	6,925			Lbs		\$16,083,000
	2022	8,591			Lbs		\$12,459,000
TOTAL	2023	6,925					\$16,083,000
	2022	8,591					\$12,459,000

a/ Includes asparagus, broccoli, cabbage, cotton (certified), lettuce, onion, triticale (certified), and wheat (certified).

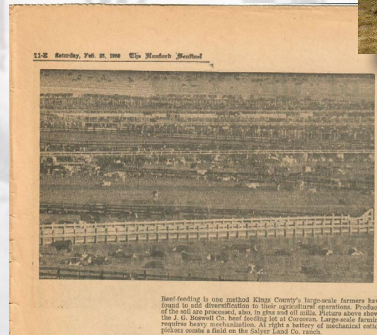


BOSWELL

“J. G. Boswell Company is proud to be a steward in the Tulare Lake Basin in Kings County. As we prepare to celebrate 100 years of farming in Kings County next year, we are forever indebted to the people of Kings County, and especially Corcoran, for helping us thrive over the past century. As the fourth generation to be farming in California, I look forward to continuing my family’s legacy of agricultural innovation and giving back to the communities in which we operate.”

-Cameron Boswell

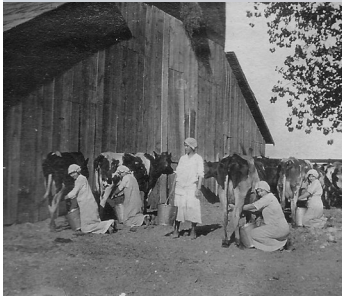
Vice President, J. G. Boswell Company



DUTRA



“It’s just a way of life.”
—*Brian Dutra*



“What are we really doing?
Where are those nuts going?
They’re feeding the rest of the world.”
—*Myron Dutra*



Fruit & Nut Crops

Crop	Year	Harvested Acres	Production		Unit	Value Per Unit	Total
			Per Acre	Total			
Almonds	2023	35,251	1.18	41,596	Ton	\$3,140.00	\$130,611,000
	2022	38,754	1.02	39,529	Ton	\$3,080.00	\$121,749,000
Almond Hulls	2023			83,192	Ton	\$109.00	\$9,068,000
	2022			79,058	Ton	\$130.00	\$10,278,000
Almond Shells	2023			20,798	Ton	\$23.80	\$495,000
	2022			19,765	Ton	\$15.00	\$296,000
Apricots	2023	436	5.99	2,612	Ton	\$2,870.00	\$7,496,000
	2022	468	11.46	5,363	Ton	\$2,180.00	\$11,691,000
Cherries	2023	1,661	3.45	5,730	Ton	\$4,310.00	\$24,696,000
	2022	1,646	2.64	4,345	Ton	\$5,520.00	\$23,984,000
Citrus Tangerine	2023	260	10.52	2,735	Ton	\$747.00	\$2,043,000
	2022	231	5.99	1,384	Ton	\$1,417.00	\$1,961,000
Grapes, Raisin	2023	1,718	3.42	5,876	Ton	\$1,880.00	\$11,047,000
	2022	1,689	2.97	5,016	Ton	\$1,610.00	\$8,076,000
Grapes, Table	2023	1,187	13.83	16,416	Ton	\$1,710.00	\$28,071,000
	2022	867	11.70	10,144	Ton	\$1,500.00	\$15,216,000
Grapes, Wine	2023	2,982	18.41	54,899	Ton	\$342.00	\$18,775,000
	2022	3,165	16.21	51,305	Ton	\$312.00	\$16,007,000
Grapes, Total	2023	5,887			Ton		\$57,893,000
	2022	5,721			Ton		\$39,299,000
Nectarines	2023	1,147	8.91	10,220	Ton	\$1,950.00	\$19,929,000
	2022	1,169	7.92	9,258	Ton	\$1,710.00	\$15,831,000
Peaches, Cling	2023	742	16.33	12,117	Ton	\$678.00	\$8,215,000
	2022	785	17.88	14,036	Ton	\$610.00	\$8,562,000
Peaches, Freestone	2023	1,576	10.83	17,068	Ton	\$2,180.00	\$37,208,000
	2022	1,452	10.62	15,420	Ton	\$1,480.00	\$22,822,000
Peaches, Total	2023	2,318			Ton		\$45,423,000
	2022	2,237			Ton		\$31,384,000
Pistachios	2023	57,260	1.49	85,317	Ton	\$3,400.00	\$290,078,000
	2022	43,454	1.30	56,490	Ton	\$4,050.00	\$228,785,000
Plums	2023	2,080	8.26	17,181	Ton	\$2,720.00	\$46,732,000
	2022	1,908	9.34	17,821	Ton	\$3,100.00	\$55,245,000



Fruit & Nut Crops

Crop	Year	Harvested Acres	Production		Unit	Value Per Unit	Total
			Per Acre	Total			
Walnuts	2023	15,074	2.34	35,273	Ton	\$780.00	\$27,513,000
	2022	16,471	1.99	32,777	Ton	\$910.00	\$29,827,000
Other a/	2023	5,619					\$27,064,000
	2022	5,386					\$41,690,000
TOTAL	2023	126,993					\$689,041,000
	2022	117,214					\$612,020,000

a/ Includes apples, asian pears, berries (other), blueberries, cherry plums, figs, firewood, grapefruit kiwifruit, lemons, olives, oranges, pecans, persimmons, pluots, pomegranates, quince, strawberries, tangerines



Organic Production

Working in conjunction with agencies such as the California Department of Health, Department of Pesticide Regulation, Department of Justice, National Organic Program and other accrediting agencies, the California State Organic Program aims to ensure the compliance and integrity of the organic program. Kings County has a total of over 58,000 registered organic acres growing a wide variety of crops. The county has over 40 organic registrants including producers, processors, and handlers. When producers use the organic label, it means they ensured no prohibited substances are applied. The label also means the producer is a good steward of the land, implementing practices to replenish nutrients into the ground as well as managing soil erosion. The label is a coveted badge because it conveys great care has been taken in the growth, harvest, and packing process of the commodity. Consumers know they can confidently purchase organic products bearing the organic label.



Giacomazzi

“I came back to the farm because I felt being a part of agriculture and food production has value and I wanted to help my parents.”

—Dino Giacomazzi





Farming is our Heritage



“The vision today is in becoming a fully vertically integrated company where
“Farming is our Heritage.”” –*Hansen Ranches*

Hansen



Nils Hansen



Jesse Madson Hansen



Robert Hansen



Phil Hansen



Jim and Jess Hansen



Phil Hansen



Erik Hansen



Nils Hansen

Vegetable Crops

Crop	Year	Harvested Acres	Production		Unit	Value Per Unit	Total
			Per Acre	Total			
Tomatoes, Processed	2023	17,511	56.69	992,699	Ton	144.20	\$143,147,000
	2022	28,818	55.89	1,610,638	Ton	110.20	\$177,492,000
Other a/	2023	8,784			Ton		\$59,990,000
	2022	6,412			Ton		\$37,308,000
TOTAL	2023	26,295			Ton		\$203,137,000
	2022	35,230			Ton		\$214,800,000

a/ Includes bell peppers, cantaloupe, carrots, corn (sweet), garlic (fresh), garlic (processed), melons (misc.), onions (fresh), onions (processed), parsley, pumpkins, radicchio, squash, tomatoes (fresh), transplants, and watermelons.

Apiary Products

Item	Year	Total Production	Unit	Value Per Unit	Total
Honey	2023	1,053,696	Lb.	\$2.63	\$2,771,000
	2022	403,814	Lb.	\$2.81	\$1,135,000
Beeswax	2023	7,373	Colonies	\$3.75	\$27,600
	2022	8,294	Colonies	\$3.15	\$26,100
Pollination, Seed Alfalfa	2023	0	Colonies	\$0.00	\$0
	2022	0	Colonies	\$0.00	\$0
Pollination, Tree Fruit & Nuts a/	2023	86,464	Colonies	\$195.99	\$16,946,000
	2022	98,743	Colonies	\$190.02	\$18,763,000
Pollination, Melons	2023	456	Colonies	\$195.99	\$89,400
	2022	382	Colonies	\$37.50	\$14,300
Pollination, Vegetable Seed	2023	1,653	Colonies	\$196.04	\$324,000
	2022	1,448	Colonies	\$75.00	\$109,000
TOTAL	2023				\$20,158,000
	2022				\$20,047,000

a/ Includes almonds, cherries, kiwis, plums, and pomegranates

Livestock & Poultry Products

	Year	Total Production	Unit	Value Per Unit	Total Value
Manure a/	2023	1,116,900	Ton	\$3.80	\$4,244,000
	2022	856,250	Ton	\$4.90	\$4,196,000
Milk	2023	35,830,000	Cwt.	\$19.30	\$691,519,000
	2022	37,780,000	Cwt.	\$26.30	\$993,614,000
Milk, Goats	2023	152,621	Cwt.	\$47.80	\$7,295,000
	2022	133,013	Cwt.	\$47.00	\$6,252,000
Milk, Total	2023	35,982,621	Cwt.		\$698,814,000
	2022	37,913,013	Cwt.		\$999,866,000
Wool b/	2023	0	Lb.	\$0.00	\$0
	2022	27,720	Lb.	\$1.40	\$39,000
Total	2023				\$703,058,000
	2022				\$1,004,101,000

a/ Includes poultry manure

b/Price does not include wool incentive.

Inventories of Livestock & Poultry

Item	December 2023 Number of Head	December 2022 Number of Head
Cattle & Calves		
All	325,000	325,000
Dairy Cows 2 Years & Over	155,000	170,000
Cattle & Calves on Feed	19,400	4,200
Other	150,600	150,800
Sheep & Lambs	79	3,564
Goats	8,200	8,930
Hogs & Pigs	98	94
Turkeys	64,393	64,387

Livestock & Poultry

Item	Year	Number of Head	Unit	Value Per Unit	Total
Cattle & Calves	2023	211,222	Head	\$833.56	\$176,066,000
	2022	202,999	Head	\$745.19	\$151,274,000
Poultry a/	2023	2,569,398			\$13,148,000
	2022	7,769,388			\$36,454,000
Other b/	2023	1,196			\$784,000
	2022	392			\$667,000
TOTAL	2023				\$189,998,000
	2022				\$188,395,000

a/ Includes chickens, ducks, and turkeys

b/ Includes goats, hogs, pigs, and sheep

Five Year Comparison of Acreage and Crop Values

	2023	2022	2021	2020	2019
Apiary Products	\$20,158,000	\$20,047,000	\$19,622,000	\$16,361,000	\$13,912,000
Field Crops	\$334,407,000	\$542,752,000	\$428,975,000	\$387,949,000	\$465,422,000
Acreage	600,521	567,960	567,960	625,607	680,810
Fruit & Nut Crops	\$689,041,000	\$612,020,000	\$732,233,000	\$648,667,000	\$644,224,000
Acreage	126,993	117,173	115,267	104,179	98,053
Livestock & Poultry	\$189,998,000	\$188,395,000	\$233,865,000	\$222,992,000	\$262,012,000
Livestock & Poultry Products	\$703,058,000	\$1,004,101,000	\$733,945,000	\$703,337,000	\$607,837,000
Seed Crops	\$16,083,000	\$12,459,000	\$5,957,000	\$11,016,000	\$13,637,000
Acreage	6,925	8,591	5,754	14,800	17,196
Vegetable Crops	\$203,137,000	\$214,800,000	\$188,547,000	\$189,154,000	\$180,649,000
Acreage	26,295	35,230	37,902	37,515	35,749
TOTAL	\$2,844,923,000	\$2,594,574,000	\$2,343,144,000	\$2,179,476,000	\$2,187,693,000

Land Use

Surrounding Counties	2022 Rank	2022 Gross Value	Total County Area Acres	Value Per Acre	Top Commodity	2022 Gross Value
Kern	3	\$7,699,953	5,224,000	\$1,597	Grapes, All	\$1,394,510,000
Fresno	2	\$8,089,863	3,847,000	\$2,108	Grapes, All	\$1,241,178,000
Tulare	1	\$8,612,450	3,097,000	\$2,612	Milk	\$2,671,291,000
Monterey	4	\$4,639,893	2,413,000	\$1,699	Vegetable Crops	\$3,129,167,000
Kings	9	\$2,594,574	890,804	\$2,517	Milk	\$999,866,000

Based on 2022 Crop Report Data

Land Use Summary

Land Use Category	2020		2018		Acreage Change
	Acres	Percent	Acres	Percent	
Prime Farmland	109,698	12%	107,913	12%	1,785
Farmland of Statewide Importance	315,272	35%	320,052	36%	-4,780
Unique Farmland	20,272	2%	20,531	2%	-259
Farmland of Local Importance	10,514	1%	10,534	1%	-20
Grazing Land	359,932	40%	358,342	40%	1,590
Urban and Built-Up Land	40,930	5%	39,428	4%	1,502
Other Land	34,186	4%	33,942	4%	244
Water Area	0	0%	62	0%	-62
Total Acres	890,804		890,804		

Top 10 Commodities

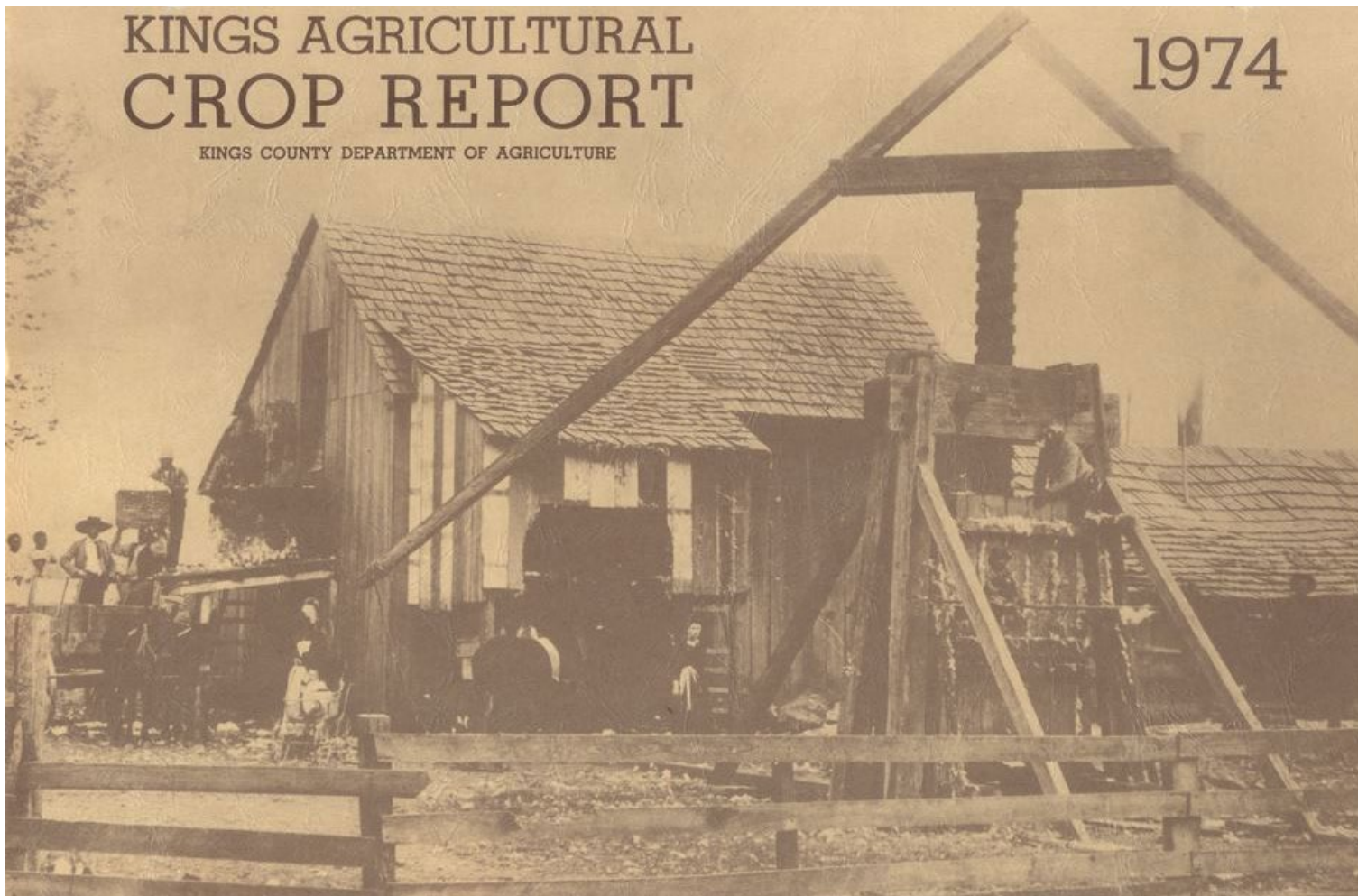
Crop	2023 Rank	Dollar Value	2022 Rank	2021 Rank	1974 Rank
Milk, Total	1	\$697,947,000	1	1	2
Pistachios	2	\$290,078,000	2	2	-
Cotton, All	3	\$179,378,000	3	4	1
Cattle & Calves	4	\$176,066,000	5	5	3
Tomatoes, Processed	5	\$143,147,000	4	6	-
Almonds, Total	6	\$140,174,000	6	3	-
Corn Silage	7	\$87,632,000	7	7	-
Wheat, Silage	8	\$60,067,000	9	9	6
Vegetable Crops, Other	9	\$59,990,000	14	13	-
Plums	10	\$46,732,000	10	14	-



KINGS AGRICULTURAL CROP REPORT

KINGS COUNTY DEPARTMENT OF AGRICULTURE

1974



1974 - A Look Back 50 Years Ago Kings County's Top 10 Commodities

Crop	Rank	Dollar Value
Cotton	1	\$122,265,000
Milk	2	\$47,249,000
Cattle & Calves	3	\$27,116,000
Alfalfa Hay	4	\$20,227,000
Barley	5	\$21,840,000
Wheat	6	\$17,375,000
Safflower	7	\$16,765,000
Lettuce	8	\$13,240,000
Turkeys	9	\$6,512,000
Certified Seed, Alfalfa	10	\$5,267,000
Total		\$297,856,000

Sustainable Agriculture Report

County Pest Eradication

<i>Pest</i>	<i>Agent/Mechanism</i>	<i>Scope of Program</i>
Pink Bollworm: <u>Pectinophora gossypiella</u>	Mechanical/Host Free Period	33,566 Acres
Alligatorweed: <u>Alternanthera philoxeroides</u>	Visual Inspection Mechanical/Chemical	309 Sites Treated



<i>Pest</i>	<i>Number of Traps</i>	<i>Number of Servicings</i>	<i>Type of Trap</i>
All Purpose Fruit Fly	116	1,073	Champ
Asian Citrus Psyllid	199	3,434	Yellow Panel
Cherry Fruit Fly	50	250	Pherocon AM
European Corn Borer	13	194	Pherocon II
European Grape Vine Moth	290	3,043	Delta
European Pine Shoot Moth	5	17	Pherocon II
Glassy-Winged Sharpshooter	65	739	Yellow Panel
Spongy Moth	82	533	Delta
Japanese Beetle	82	533	Japanese Beetle
Light Brown Apple Moth	153	2,101	Jackson
Mediterranean Fruit Fly	153	2,166	Jackson
Melon Fly	76	625	Jackson
Mexican Fruit Fly	100	2,290	McPhail
Oriental Fruit Fly	153	2,101	Jackson
Khapra Beetle	30	150	Khapra Beetle
TOTAL	1,567	19,249	

Sustainable Agriculture Report

County Biological Control

<i>Pest</i>	<i>Agent/ Mechanism</i>	<i>Scope of Program</i>
Puncture Vine: <u>Tribulus terrestris</u>	Stem Mining Weevil: <u>Microlarinus lupriformis</u>	Generally Distributed
	Seed Head Weevil: <u>Microlarinus lareynil</u>	Generally Distributed
Yellow Starthistle: <u>Centaurea solstitialis</u>	Seed Head Weevil: <u>Bangastemus orientalis</u>	Generally Distributed
	Gall Fly: <u>Urophora sirunaseva</u>	
	Hairy Weevil: <u>Eustenopus villosus</u>	Generally Distributed
Ash Whitefly: <u>Siphoninus phillyreae</u>	Parastic Wasp: <u>Encarsia partenopea</u>	Generally Distributed
Red Gum Lerp Psyllid: <u>Glycaspis brimblecombei</u>	Pasrasitic Wasp: <u>Psyllaphagus bliteus</u>	Generally Distributed
Russian Knapweed: <u>Acroptilon repens</u>	Russian Knapweed Gail Wasp: <u>Aulacidea acroptilonica</u>	Limited Distribution Introduced in 2019
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

<i>Pest</i>	<i>Agent/ Mechanism</i>	<i>Scope of Program</i>
Glassy Winged Sharpshooter	Nursery/Citrus Inspections	233 Shipments Inspected
Spongy Moth: <u>Lymantria Dispar</u>	Household Goods Shipments	5 Shipments Inspected
Various Pests	Truck Shipments	744 Units Inspected
<i>Crops</i>	<i>Activity</i>	<i>Scope of Program</i>
Export Commodities	Phytosanitary Certification	1,378 certificates issued
Export Seed	Field Inspections	203 Sites/129.25Acres

Newton



“Being able to work on the farm as a kid was important. It taught me responsibility, created a good work ethic and how important doing the right thing is in difficult situations.”

—Michael Newton



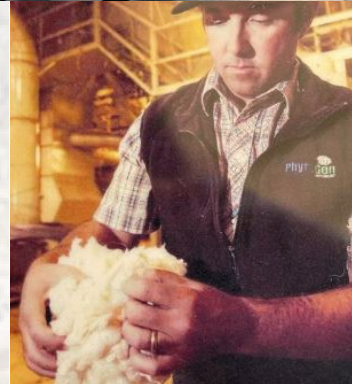
EST. 1948

Stone Land

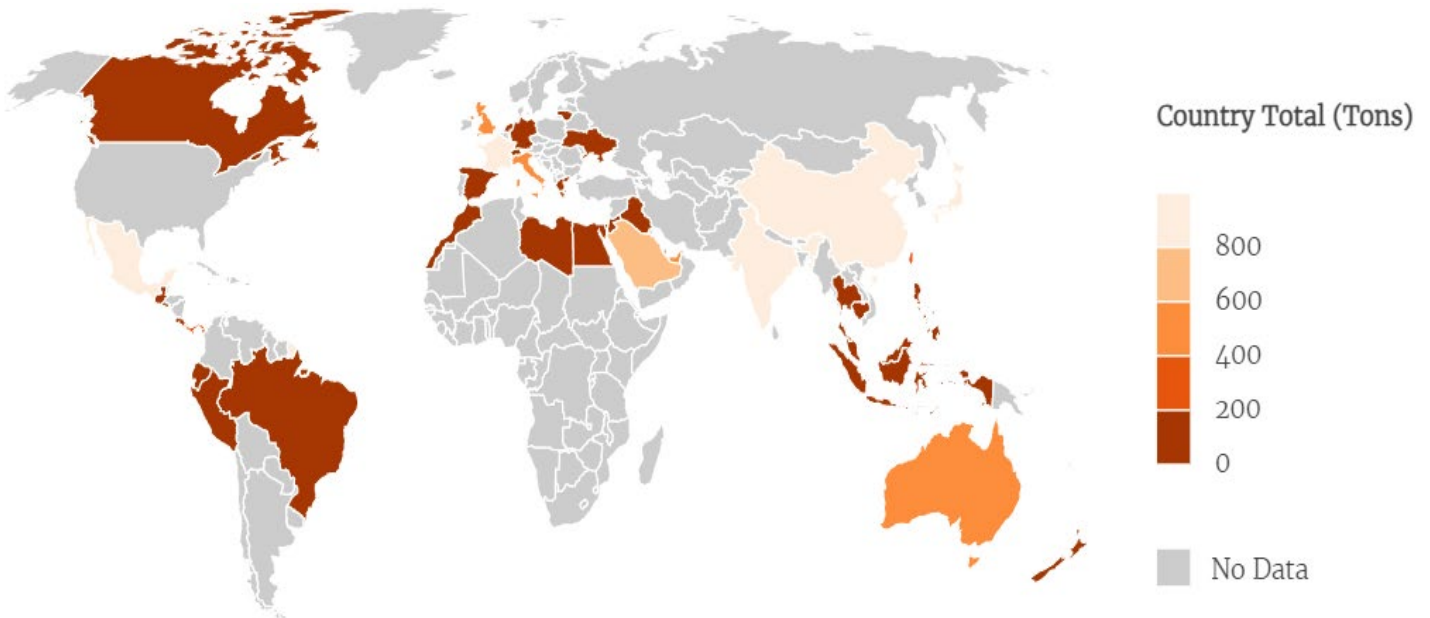
A Diversified, Family Farm



“Our mission is to produce quality crops while maintaining a healthy soil and environment for our future generations to continue the family, farming legacy.”
—*Stone Land Company*



Export & Trade Partners



Afghanistan
Algeria
Argentina
Armenia
Australia
Bahrain
Brazil
Bulgaria
Cambodia
Canada
Chile
China
Costa Rica
Egypt
Estonia
France
Germany

Hong Kong
Hungary
India
Indonesia
Israel
Italy
Japan
Korea, Republic of
Kuwait
Lebanon
Libya
Lithuania
Mexico
Morocco
Netherlands
New Zealand
Oman
Panama
Peru

Philippines
Poland
Portugal
Romania
Saudi Arabia
Slovakia
South Africa
Spain
Sudan
Switzerland
Taiwan
Thailand
Türkiye
Ukraine
United Arab Emirates
United Kingdom
Vietnam

Global Export

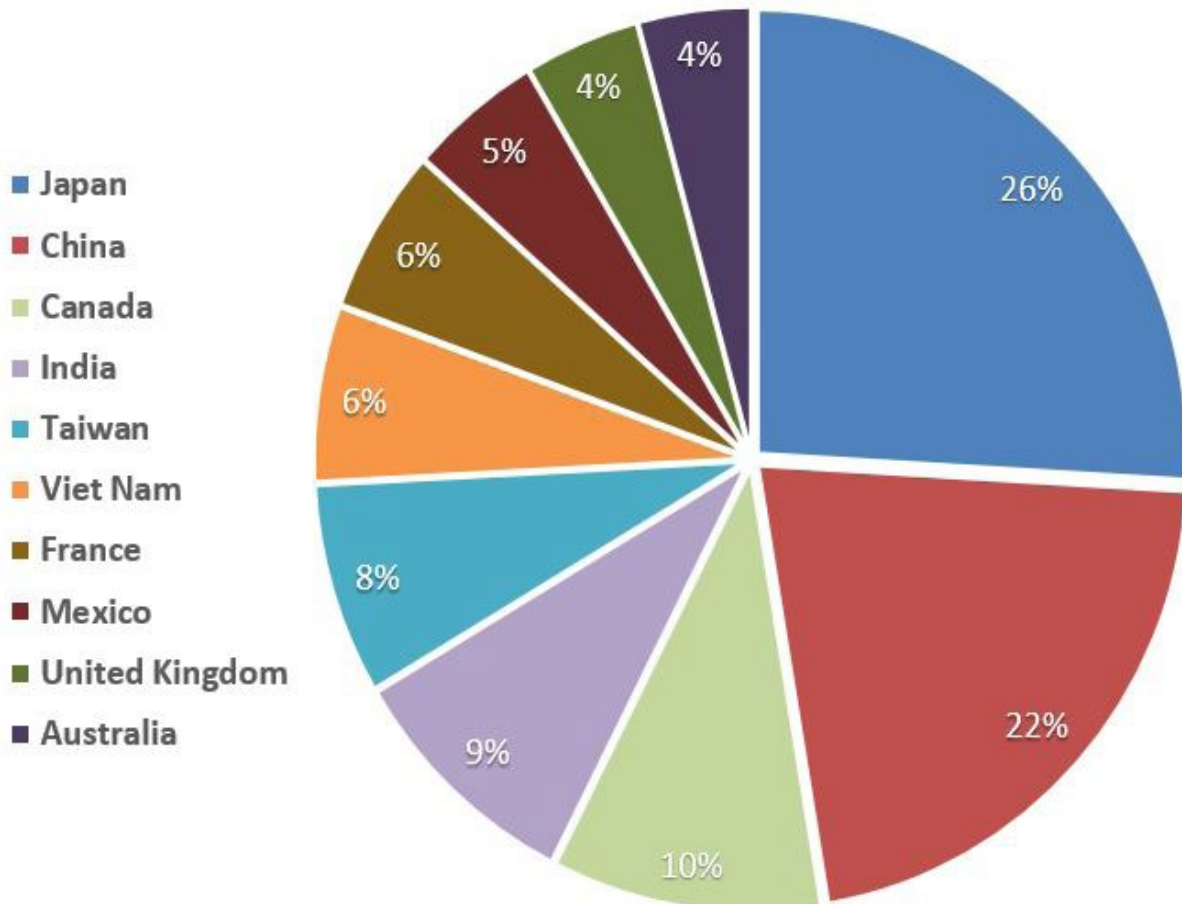
Commodities Grown and Exported From Kings County

Alfalfa
Almond
Apricot
Asparagus
Blueberry
Cherry
Cotton
Cranberry

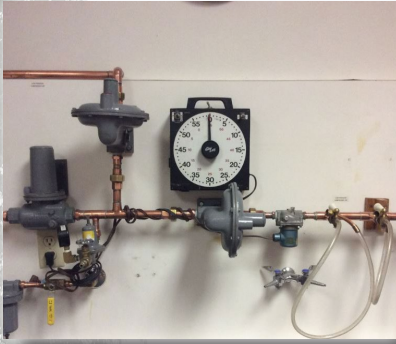
Garlic
Grape
Interspecific- plum
Kiwi
Nectarine
Onion
Orange
Peach

Pepper
Persimmon
Pistachio
Plum
Pluot
Pomegranate
Sorghum sudanense
Soy bean

Percentage of Total Export Certificates Issued in 2023



Weight & Measurement Standards



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 every day.

In 2023, the Kings County Department of Measurement Standards recorded the following number of commercial weighing and measuring devices registered to the county. These devices are inspected annually, or in the case of water, vapor and electric sub meters, once every ten years.

There were a total of 5,453 registered devices including:

- 1,693 retail motor fuel meters representing 68 gas stations
- 2,300 mobile home park submeters
- 103 vehicle scales
- 15 livestock and animal scales
- 1,342 miscellaneous weighing and measuring devices



Verboon



“It's important to preserve our past so we can continue farming into the future.”

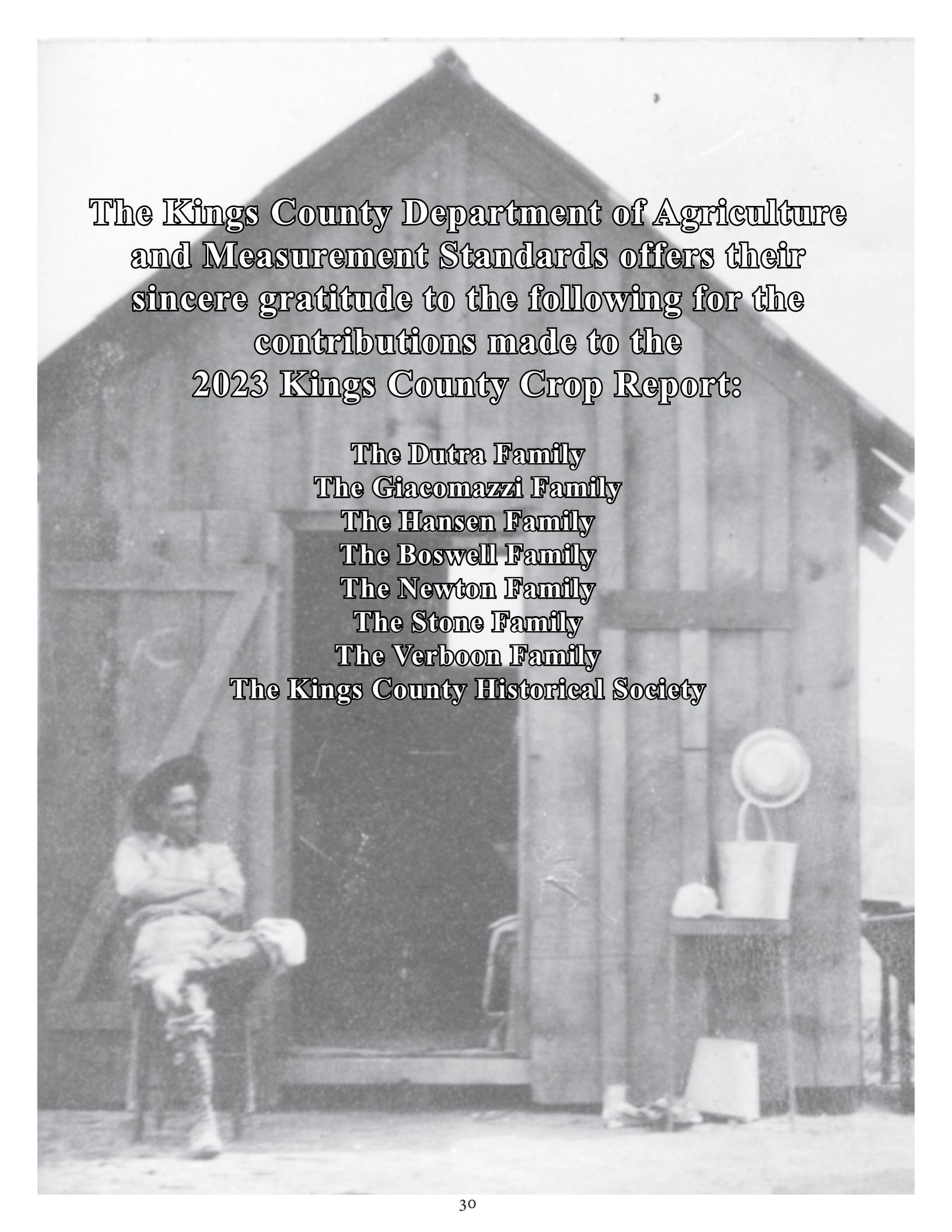
—Doug Verboon



Kings County Rainfall

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
2003	0.25	1.13	1.05	1.67	0.67	0.82	0.00	0.00	0.00	0.07	0.47	2.05	8.18
2004	0.97	2.32	0.25	0.01	0.02	0.00	0.00	0.00	0.00	2.09	0.44	2.13	8.23
2005	2.55	1.69	2.02	0.70	0.84	0.00	0.00	0.00	0.02	0.01	0.21	1.15	9.19
2006	3.07	0.48	2.60	2.98	0.54	0.00	0.00	0.00	0.00	0.09	0.16	0.90	10.82
2007	0.61	0.90	0.22	0.27	0.01	0.00	0.00	0.05	0.32	0.30	0.10	1.17	3.95
2008	1.86	1.10	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.14	1.03	1.36	5.59
2009	0.60	1.43	0.21	0.03	0.43	0.37	0.00	0.00	0.20	1.31	0.23	1.27	6.08
2010	2.30	1.93	0.31	1.63	0.32	0.00	0.00	0.00	0.00	0.76	1.24	5.29	13.78
2011	0.88	0.96	2.70	0.32	0.41	0.91	0.04	0.00	0.00	0.48	0.71	0.01	7.42
2012	0.61	0.43	1.72	1.79	0.03	0.00	0.00	0.00	0.00	0.14	0.34	1.52	6.58
2013	0.25	0.42	0.67	0.08	0.18	0.00	0.00	0.00	0.01	0.00	0.33	0.16	2.10
2014	0.30	1.38	0.27	0.35	0.01	0.00	0.00	0.00	0.03	0.00	0.94	2.52	5.80
2015	0.08	0.72	0.02	0.77	0.10	0.00	0.45	0.00	0.00	0.38	0.91	1.40	4.83
2016	2.87	0.01	2.00	0.57	0.17	0.04	0.00	0.00	0.00	0.64	0.36	3.70	10.36
2017	3.37	2.80	0.31	1.02	0.36	0.01	0.00	0.00	0.17	0.06	0.21	0.08	8.39
2018	1.53	0.24	2.18	0.33	0.00	0.00	0.00	0.00	0.00	0.04	1.41	0.42	6.15
2019	1.90	2.29	1.28	0.31	1.81	0.00	0.00	0.00	0.00	0.00	0.49	1.97	10.05
2020	0.81	0.00	2.24	1.15	0.11	0.00	0.00	0.00	0.00	0.00	0.13	0.54	4.98
2021	2.36	0.02	1.08	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.14	3.36	7.12
2022	0.01	0.17	1.02	0.54	0.00	0.00	0.00	0.02	0.02	0.00	0.59	3.06	5.43
2023	3.16	3.74	3.93	0.00	0.08	0.02	0.00	0.48	0.00	0.00	0.13	1.15	12.69
50 YR AVERAGE	1.63	1.46	1.56	0.69	0.23	0.09	0.02	0.03	0.16	0.37	0.67	1.34	8.24





**The Kings County Department of Agriculture
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2023 Kings County Crop Report:**

**The Dutra Family
The Giacomazzi Family
The Hansen Family
The Boswell Family
The Newton Family
The Stone Family
The Verboon Family
The Kings County Historical Society**

