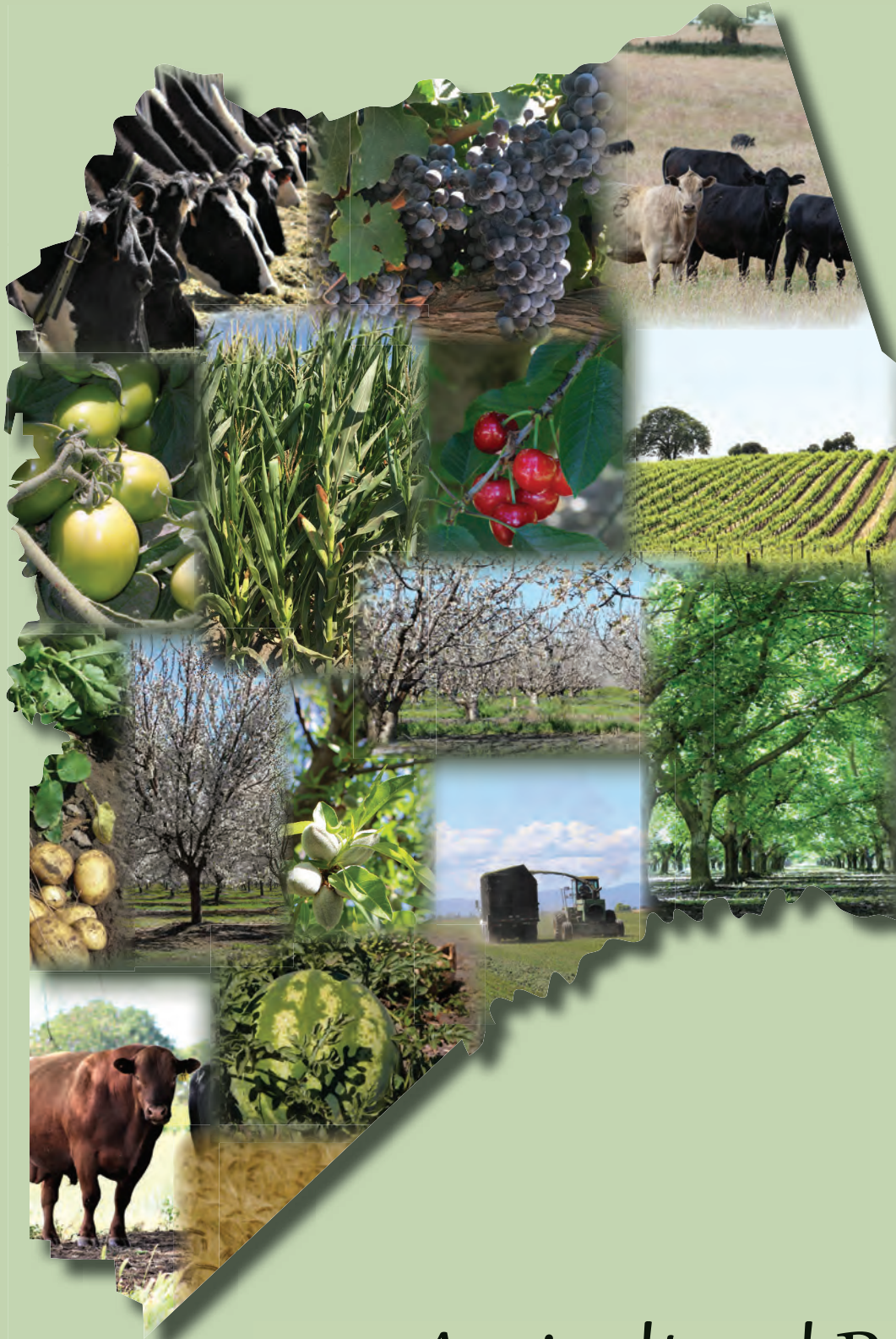


# Greatness Grows Here



2017 Agricultural Report  
San Joaquin County

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## OFFICE OF THE AGRICULTURAL COMMISSIONER/SEALER

Karen Ross, Secretary  
California Department of Food and Agriculture,  
and  
The Honorable Board of Supervisors,  
San Joaquin County



Dear Secretary and Board Members:

In accordance with Section 2279 of the California Food and Agricultural Code, I am pleased to present the eighty-fourth Annual Report of Agricultural Production in San Joaquin County.

The gross value of agricultural production for 2017 was \$2,527,989,000. This represents an 8.13% increase over the 2016 value of \$2,337,922,000.

Overall agricultural commodity values showed a positive upward trend in 2017. Fruit and Nut Crops saw a gain of \$140,800,000 in value, which was an increase of 11.52% from 2016, due to more acres of permanent crops coming into production and a stronger cherry season than in 2016. Fruit and Nut Crops continued to be the largest in total value at \$1,362,531,000. Field Crops saw an increase of 19.81%, with a total value of \$208,839,000 largely because of an increase in the cost of animal feed. Livestock and Poultry Products increased by 7.76% valuing \$429,910,000. Seed Crops increased in value by \$908,000, ending the year with a total value of \$4,671,000. Nursery Products increased by 9.23% totaling to \$117,294,000. Apiary increased in value by 8.67%. There were decreases in some categories. Vegetable Crops decreased 8.62% in value due to lower vegetable crop prices. Livestock and Poultry decreased by 3.93% because of a decrease in the number of turkeys produced in the county.

The values shown are estimates based on the most common method of sale for the individual commodity, except for fresh fruits and vegetables where the value is based on the F.O.B. packed price at the shipping point. The figures contained in this report are gross values rather than net returns to the grower.

I wish to express my appreciation to all who cooperated in providing data for this report, including our agricultural producers, industry representatives and other public agencies. I would also like to express my sincere thanks to the Agricultural Commissioner staff, especially Agricultural Biologists/ Standards Inspectors Khrista Delucchi, Jatinder Gill, and Casey Wright for compiling the necessary information that made this report possible.

Respectfully submitted,

Tim Pelican  
Agricultural Commissioner/Sealer



# Agricultural Commissioner's Office Staff

**Agricultural Commissioner/Sealer**  
Tim Pelican

**Assistant Agricultural Commissioner**  
Kamal Bagri

**Deputy Agricultural Commissioners**  
Donald McCoon, Jr. • Martin Brockman • Robert Pelletier

**Deputy Sealer of Weights and Measures**  
Dave Singh

## Agricultural Biologists/Standards Inspectors

**I**  
Jonathan Brower  
Casey Wright • Jatinder Gill  
Sara Mohammadi

**II**  
Khrista Delucchi  
Ben Delph • Katie Moreno  
Harrison McDowall  
Matthew Hoekman

**III**  
Arif Kever • Rod Saiki  
Tom Dawson  
Josh Hanson • Ted Viss  
Maria Jochimsen

**Senior Agricultural Biologists**  
Colleen Bednarek • Vanze Lum • Kim Martin  
Rand Medina • Raung Long • Humberto Castro

**Agricultural Biologist**  
Erik Baxter

**Agricultural & Standards Technician**  
Amy Lewis

**Administrative Secretary**  
Annette Lovato

**Office Assistants**  
Jamise Clyburn • Laura Rocha • Monica Hernandez • Veronica Jones

**Office Technician**     **Information Systems Analyst**  
Hiromi Hernandez     Ferdinand Pura

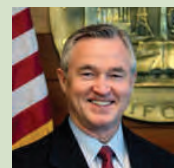
**Account Technicians**  
Amandeep Kalkat • Share Hawkins

**Agricultural & Standards Program Aides**  
Araceli Sanchez • Brendt Boyer • Brett Koth • Darla Durbin  
Elena Perez-Razon • Elizabeth Hinojosa • Elvira Rios-Prock  
Heather Cervantes • Heather Fountain • Jack Snyder • Joann Dunn  
Joe Pimentel • Judy Nepote • Larry Wright • Laura Beasley  
Leticia Hinojosa • Luis Salcedo • Lynn Stoner • Nela Holsapple  
Paula Woodward • Renee St. Germain • Robert Guzzi  
Rosemarie Engstrom • Santiago Madrigal • Tanya Ray • Vicky Hurles

**Recently Retired**  
Terry King • Sue Williamson • Barbara Huecksteadt  
Rick Schwieger • Wanda Smith

## Board of Supervisors

District 5  
Bob Elliott  
Chair



District 2  
Katherine Miller  
Vice Chair



District 1  
Miguel Villapudua



District 3  
Tom Patti



District 4  
Chuck Winn



**County Administrator**  
Monica Nino

# What does 'Greatness Grows Here' mean?

Why did we choose it?

With the new logo, slogan and seal taking effect in San Joaquin County we wanted to see how exactly that transferred from our office and into the agricultural industry we are so proud of. So we decided to talk to leading industry members about it. We asked two simple questions; the first being 'what does greatness grows here mean to them and their organization?' and 'what makes San Joaquin County different?' Throughout this year's crop report you will come across all of the different answers we were given.



From the Board Chair:

One of the influential people we asked about 'Greatness Grows Here' was Chair of the Board of Supervisors Bob Elliott, and his response was: "The diversity of San Joaquin County makes it a very special place offering a wide array of recreational and occupational opportunities. From the many Delta activities, to the Lodi wine region, to the economic vitality of our cities—San Joaquin County has something to offer everyone. **That's why we say that greatness grows here.**"



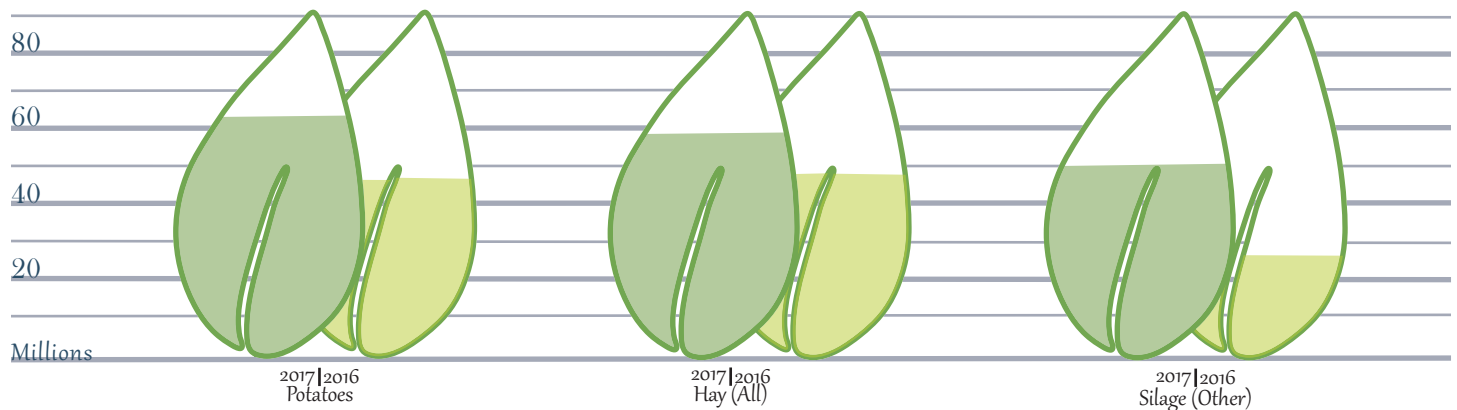
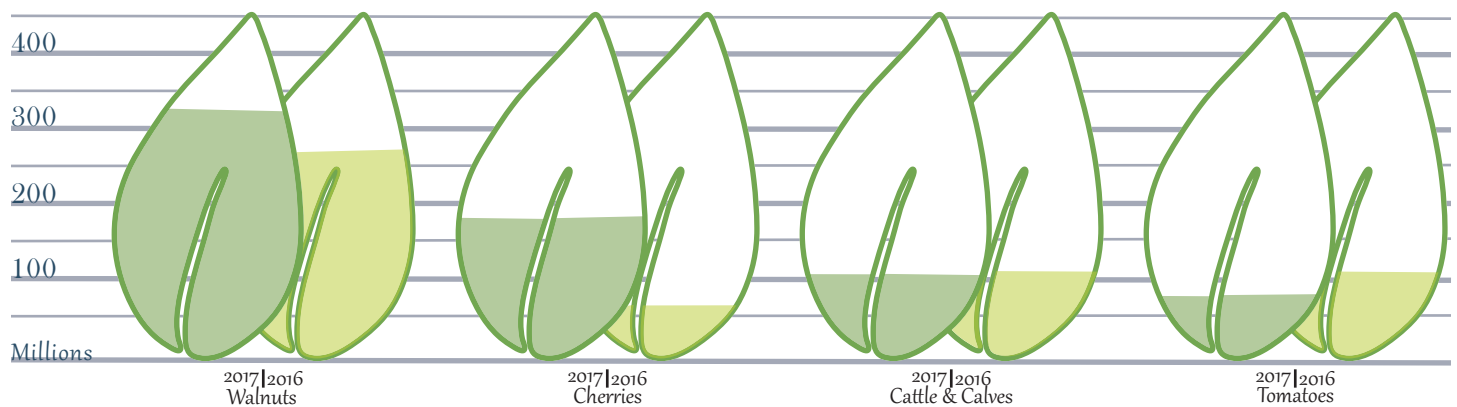
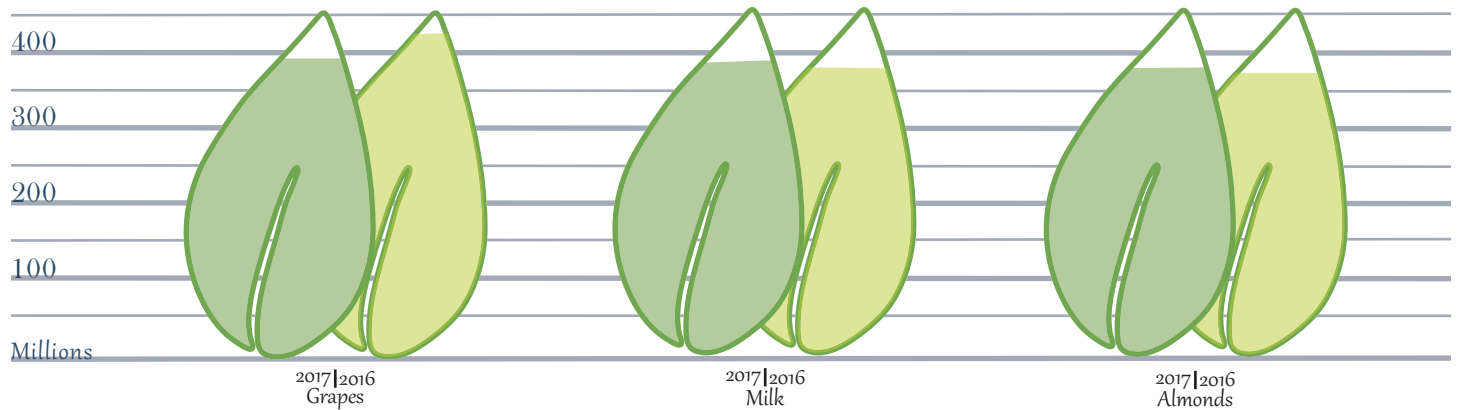
Industry's Thoughts:



**"As far as greatness, I think we all want to brag about the crops we grow and that we all grow them better than everyone else, but what I think is great is the community. We may think of our neighbor as a competitor, but when they need help harvesting during wet weather or get a piece of equipment stuck, you're there to help."** Joe Valente talked about how unique San Joaquin County is having such a vast amount of commodities grown here in comparison to the Midwest and other areas within California. **"You have the areas like Ripon that grows most of the almonds, Linden the walnuts and cherries, Lodi the grapes and you have these little sub areas within the county they are all their own little areas."**



# Top Ten Commodities



COMMODITY	2017	2016
Grapes	\$395,541,000	\$425,781,000
Milk	\$387,386,000	\$362,196,000
Almonds	\$362,721,000	\$348,819,000
Walnuts	\$317,372,000	\$273,965,000
Cherries	\$184,572,000	\$58,541,000
Cattle & Calves	\$104,208,000	\$106,251,000
Tomatoes	\$78,812,000	\$104,152,000
Potatoes	\$63,089,000	\$47,978,000
Hay (All)	\$59,304,000	\$49,297,000
Silage (Other)	\$51,406,000	\$27,297,000
TOTAL	\$2,004,411,000	\$1,804,277,000



**“San Joaquin County has the lightest color walnuts in the state. This is due to the cool summer time breezes at night, coming from the San Francisco Bay. The warmer it is at night, the more discoloration the walnuts experience. The cooler nights also favor the cherries and apples.”** Said by Lawrence Sambado of A. Sambado & Sons, when asked what makes San Joaquin County unique in comparison to growing in other areas.

## Fruit & Nut Crops

Commodity	Year	Bearing Acreage	Yield Per Acre	Total	Unit	Value Per Unit	SubTotal	Total Value
Almond								
Meats	2017	74,200	1.02	75,400	TON	\$4,810.00	-	\$362,721,000
	2016	71,100	1.02	72,700	TON	\$4,800.00	-	\$348,819,000
Hulls	2017	-	-	151,000	TON	\$70.00	-	\$10,553,000
	2016	-	-	145,000	TON	\$68.00	-	\$9,882,000
Shells	2017	-	-	75,400	TON	\$4.70	-	\$352,000
	2016	-	-	72,700	TON	\$5.00	-	\$362,000
Apples								
All	2017	2,320	15.40	35,700	TON	\$646.00	-	\$23,078,000
	2016	2,330	17.16	40,100	TON	\$413.00	-	\$16,558,000
Fresh	2017	-	-	23,200	TON	\$862.00	\$20,014,000	-
	2016	-	-	30,000	TON	\$488.00	\$14,656,000	-
Processing	2017	-	-	12,500	TON	\$245.00	\$3,065,000	-
	2016	-	-	10,000	TON	\$190.00	\$1,903,000	-
Apricots	2017	620	8.99	5,580	TON	\$672.00	-	\$3,749,000
	2016	638	9.36	5,970	TON	\$675.00	-	\$4,028,000
Blueberries	2017	1,590	4.39	6,990	TON	\$3,130.00	-	\$21,852,000
	2016	1,250	5.00	6,250	TON	\$4,250.00	-	\$26,597,000
Cherries								
All	2017	19,900	3.10	61,800	TON	\$2,990.00	-	\$184,572,000
	2016	19,700	1.19	23,600	TON	\$2,480.00	-	\$58,541,000
Fresh	2017	-	-	49,800	TON	\$3,600.00	\$179,144,000	-
	2016	-	-	14,400	TON	\$3,560.00	\$51,184,000	-
Processing	2017	-	-	11,930	TON	\$455.00	\$5,428,000	-
	2016	-	-	6,830	TON	\$220.00	\$1,503,000	-
Grapes (All)	2017	98,100	6.78	666,000	TON	\$594.00	-	\$395,541,000
	2016	98,000	7.31	716,000	TON	\$594.00	-	\$425,781,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING







## Fruit & Nut Crops Continued

Commodity	Year	Bearing Acreage	Yield Per Acre	Total	Unit	Value Per Unit	SubTotal	Total Value
Olives (Processing)	2017	3,500	5.36	18,700	TON	\$730.00	-	\$13,685,000
	2016	3,340	6.34	21,200	TON	\$602.00	-	\$12,765,000
Peaches								
All	2017	1,890	23.74	44,800	TON	\$441.00	-	\$19,784,000
	2016	1,760	17.90	31,600	TON	\$490.00	-	\$15,485,000
Clingstone	2017	1,230	20.99	25,800	TON	\$459.00	\$11,814,000	-
	2016	1,150	18.84	21,600	TON	\$498.00	\$10,765,000	-
Freestone	2017	661	28.85	19,060	TON	\$418.00	\$7,970,000	-
	2016	617	16.14	9,960	TON	\$474.00	\$4,720,000	-
Pears	2017	148	9.72	1,440	TON	\$473.00	-	\$678,000
	2016	186	16.44	3,050	TON	\$439.00	-	\$1,341,000
Walnuts (English)	2017	67,500	1.86	125,000	TON	\$2,530.00	-	\$317,372,000
	2016	67,200	2.07	139,000	TON	\$1,970.00	-	\$273,965,000
Miscellaneous	2017	980	-	-	-	-	-	\$8,594,000
	2016	1,030	-	-	-	-	-	\$5,737,000
Total	2017	271,000						\$1,362,531,000
	2016	267,000						\$1,221,731,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

It was very easy for Amanjit Sandhu to talk about how the community and other farmers who have welcomed his family, after moving to the United States, allowing greatness to grow the family's business. **"It's a lot friendlier, we have met a lot of other farmers that have helped us out. They (as in his parents) have learned a lot and have met a lot of people, so yeah greatness grows where people are friendly."**





**“I think for farming I would not know of some other area that I would rather farm... we have a long season here, we go from middle of June harvesting all the way to October 15th for watermelons.”** Said by Dan Van Groningen. Van Groningen & Sons grows row crops and he spoke about how greatness has grown for them here because of the micro-climate in their area, having the extreme hot days and the cool nights that creates high sugar levels in their watermelons. **“I always say to myself if I had another area that I would want to go to and farm, I wouldn’t, because we have an excellent climate here.”**



## Vegetable Crops

Commodity	Year	Harvested Acreage	Yield Per Acre	Total	Unit	Value Per Unit	SubTotal	Total Value
Asparagus	2017	1,310	2.01	2,630	TON	\$3,750.00	-	\$9,849,000
	2016	1,330	2.53	3,370	TON	\$3,460.00	-	\$11,658,000
Corn (Sweet)	2017	3,290	5.94	19,600	TON	\$270.00	-	\$5,270,000
	2016	3,480	7.62	26,600	TON	\$280.00	-	\$7,450,000
Cucumbers	2017	2,860	8.51	24,300	TON	\$180.00	-	\$4,387,000
	2016	2,930	7.40	21,700	TON	\$190.00	-	\$4,118,000
Melons								
All	2017	2,960	42.30	125,300	TON	\$305.00	-	\$36,624,000
	2016	3,100	48.28	149,800	TON	\$310.00	-	\$46,362,000
Watermelon	2017	2,150	49.28	106,000	TON	\$315.00	\$33,410,000	-
	2016	2,160	59.89	129,500	TON	\$323.00	\$41,859,000	-
Other	2017	812	23.83	19,350	TON	\$250.00	\$3,214,000	-
	2016	939	21.54	20,240	TON	\$225.00	\$4,503,000	-
Onions	2017	1,409	28.36	40,000	TON	\$161.00	-	\$6,427,000
	2016	1,520	22.50	34,200	TON	\$240.00	-	\$8,206,000
Peppers	2017	1,380	12.70	17,540	TON	\$411.00	-	\$7,203,000
	2016	920	14.55	13,390	TON	\$469.00	-	\$6,275,000







## Vegetable Crops Continued

Commmmodity	Year	Harvested Acrage	Yeild Per Acre	Total	Unit	Value Per Unit	SubTotal	Total Value
Potatoes	2017	5,170	17.85	92,300	TON	\$683.00	-	\$63,089,000
	2016	3,900	18.65	72,700	TON	\$660.00	-	\$47,978,000
Pumpkins	2017	2,790	17.00	47,400	TON	\$358.00	-	\$16,961,000
	2016	3,370	22.35	75,400	TON	\$376.00	-	\$28,385,000
Squash *	2017	1,490	10.93	16,300	TON	\$679.00	-	\$11,079,000
	2016	-	-	-	TON	-	Included In Miscellaneous	
Tomatoes								
All	2017	23,200	38.99	903,000	TON	\$87.30	-	\$78,812,000
	2016	26,300	47.45	1,249,000	TON	\$83.40	-	\$104,152,000
Shipping	2017	1,870	14.77	27,600	TON	\$560.00	\$15,464,000	-
	2016	1,810	16.50	29,900	TON	\$466.00	\$13,911,000	-
Processing	2017	21,300	41.12	875,000	TON	\$72.40	\$63,347,000	-
	2016	24,500	49.74	1,219,000	TON	\$74.00	\$90,241,000	-
Miscellaneous	2017	3,030	-	-	-	-	-	\$16,227,000
	2016	3,690	-	-	-	-	-	\$13,410,000
Total	2017	47,400						\$255,928,000
	2016	50,500						\$280,065,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

\*SQUASH ADDED AS A NEW CATEGORY

**“An example is with the asparagus we just think we have the soil, we have the weather, and we have the water that produces an exceptional product.”** Bob Ferguson’s answer was simple when asked the question what ‘Greatness Grows Here’ meant to him. He also wanted to explain how challenges have recently presented themselves in relevance to the harvest of asparagus and how that has changed the way he runs his operation. With those challenges he has looked to the future. **“I’m not really trying to compete with other counties or differentiate SJ from other counties, we have tried very, very hard in the last couple of years to pair up with the other counties that do make up the primary delta for a lot of different reasons but water being the primary one.”**



# Field Crops

Commodity	Year	Harvested Acreage	Yield Per Acre	Total	Unit	Value Per Unit	SubTotal	Total Value
Beans								
Dry (All)	2017	7,400	1.07	8,000	TON	\$960.00	-	\$7,611,000
	2016	6,500	1.20	7,900	TON	\$1,060.00	-	\$8,320,000
Lima	2017	2,500	1.15	2,870	TON	\$1,040.00	\$2,969,000	-
	2016	1,570	1.34	2,100	TON	\$1,250.00	\$2,623,000	-
Beans (Other)	2017	4,930	1.03	5,100	TON	\$910.00	\$4,642,000	-
	2016	4,960	1.16	5,800	TON	\$990.00	\$5,697,000	-
Corn (Grain)								
	2017	45,000	5.23	235,000	TON	\$159.00	-	\$37,268,000
	2016	42,300	5.19	220,000	TON	\$156.00	-	\$34,243,000
Hay								
All	2017	52,700	6.20	327,000	TON	\$182.00	-	\$59,304,000
	2016	58,800	6.03	355,000	TON	\$139.00	-	\$49,297,000
Alfalfa	2017	45,500	6.85	312,000	TON	\$184.00	\$57,459,000	-
	2016	51,300	6.38	327,000	TON	\$143.00	\$46,796,000	-
Other	2017	7,260	2.08	15,100	TON	\$122.00	\$1,846,000	-
	2016	7,540	3.63	27,300	TON	\$91.00	\$2,501,000	-
Pasture & Range								
All	2017	135,000	-	-	ACRE	\$47.00	-	\$6,342,000
	2016	135,000	-	-	ACRE	\$46.30	-	\$6,248,000
Irrigated	2017	14,500	-	-	ACRE	\$262.00	\$3,799,000	-
	2016	14,500	-	-	ACRE	\$268.00	\$3,886,000	-
Other	2017	120,000	-	-	ACRE	\$21.00	\$2,520,000	-
	2016	120,000	-	-	ACRE	\$19.00	\$2,339,000	-
Rice								
	2017	3,060	4.60	14,100	TON	\$350.00	-	\$4,926,000
	2016	4,410	3.50	15,400	TON	\$276.00	-	\$4,252,000
Safflower								
	2017	6,000	1.26	7,580	TON	\$368.00	-	\$2,791,000
	2016	6,550	1.40	9,170	TON	\$459.00	-	\$4,213,000
Silage								
Corn	2017	35,300	27.76	981,000	TON	\$31.10	-	\$30,546,000
	2016	34,600	27.13	938,000	TON	\$31.30	-	\$29,369,000
Other	2017	88,000	17.42	1,534,000	TON	\$33.50	-	\$51,406,000
	2016	97,000	11.51	1,120,000	TON	\$24.40	-	\$27,297,000
Wheat								
	2017	17,000	3.20	54,500	TON	\$146.00	-	\$7,936,000
	2016	21,800	2.93	63,800	TON	\$125.00	-	\$7,980,000
Miscellaneous								
	2017	2,080	-	-	-	-	-	\$709,000
	2016	1,290	-	-	-	-	-	\$849,000
Total								
	2017	392,000						\$208,839,000
	2016	408,000						\$174,309,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING  
 BEANS, OTHER INCLUDES BLACK EYE, KIDNEY, GARBANZO AND ALL OTHER BEANS NOT LISTED  
 SILAGE, OTHER INCLUDES GREEN CHOP



# Apiary Products

Commodity	Year	Production	Unit	Value Per Unit	Total Value
Honey	2017	279,000	LBS	\$2.05	\$572,000
	2016	220,000	LBS	\$2.75	\$604,000
Pollination	2017	164,000	HIVE	\$156.00	\$25,562,000
	2016	157,000	HIVE	\$149.00	\$23,338,000
Miscellaneous	2017	-	-	-	\$412,000
	2016	-	-	-	\$486,000
Total	2017				\$26,546,000
	2016				\$24,428,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING  
MISCELLANEOUS INCLUDES POLLEN, BEES, QUEENS, NUCLEUS, COLONIES AND BEESWAX



Honey bees are responsible for over a quarter of our total agricultural output. On average they are accountable for pollinating 80% of all fruit, vegetable, and seed crops. In San Joaquin County bees are a pollinating work force for crops like Almonds, Cherries, Melons, Pumpkins, Blueberries, Apples and a few other crops.





# Seed Crops

Commodity	Year	Harvested Acreage	Yield Per Acre	Total	Unit	Value Per Unit	Total Value
Beans, Other	2017	540	21.94	11,840	CWT	\$54.60	\$646,000
	2016	821	24.20	19,860	CWT	\$51.70	\$1,026,000
Miscellaneous	2017	1,945	-	-	-	-	\$4,025,000
	2016	1,688	-	-	-	-	\$2,737,000
Total	2017	2,490					\$4,671,000
	2016	2,510					\$3,763,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING



# Nursery Products

Commodity	Year	Quantity Sold	Unit	Total Value
Grapevines, Strawberry Plants, Fruit Trees & Nut Trees	2017	75,528,000	Plant	\$10,758,000
	2016	80,326,000	Plant	\$8,151,000
Vegetable Plants	2017	225,392,000	Plant	\$11,002,000
	2016	242,606,000	Plant	\$18,161,000
Flowering Potted Plants	2017	2,166,000	Each	\$6,424,000
	2016	1,301,000	Each	\$5,782,000
Foliage Plants	2017	1,225,000	Each	\$5,235,000
	2016	1,087,000	Each	\$4,813,000
Bedding Plants	2017	589,000	Plant	\$5,427,000
	2016	112,768,000	Plant	\$8,050,000
Woody Ornamentals	2017	6,988,000	Each	\$42,356,000
	2016	7,496,000	Each	\$35,551,000
Bulbs, Rhizomes, Turf, Cactus, Etc.	2017	-	-	\$36,092,000
	2016	-	-	\$26,879,000
Total	2017			\$117,294,000
	2016			\$107,387,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING



# Livestock & Poultry

Commmmodity	Year	# Of Head	Live Weight	Unit	Value Per Unit	Total Value
Cattle & Calves	2017	126,000	1,002,000	CWT	\$104.00	\$104,208,000
	2016	125,000	993,000	CWT	\$107.00	\$106,251,000
Sheep & Lambs	2017	16,600	21,600	HD	\$138.00	\$2,981,000
	2016	16,600	21,200	HD	\$120.00	\$2,539,000
Broilers	2017	794,000	4,037,000	LBS	\$0.51	\$2,051,000
	2016	689,000	3,613,000	LBS	\$0.51	\$1,824,000
Turkeys	2017	220,000	4,176,000	LBS	\$0.97	\$4,064,000
	2016	380,000	8,133,000	LBS	\$0.98	\$7,946,000
Miscellaneous	2017	-	-	-	-	\$8,966,000
	2016	-	-	-	-	\$8,712,000
Total	2017					\$122,270,000
	2016					\$127,272,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING  
MISCELLANEOUS INCLUDES HOGS, GOATS, SQUAB, DUCKS AND OTHER FOWL

## Livestock & Poultry Products

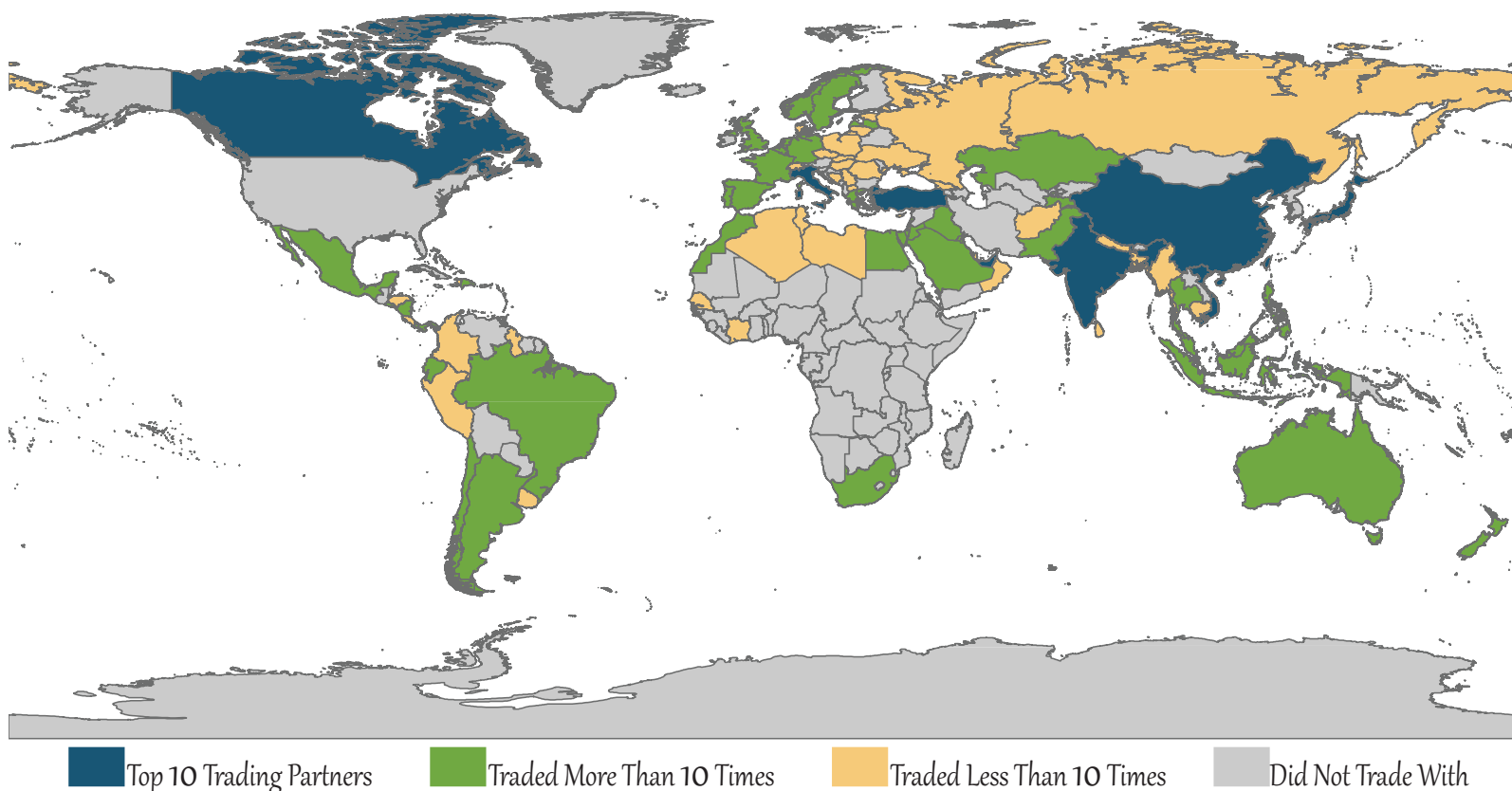
Commmmodity	Year	Production	Unit	Value Per Unit	Total Value
Milk (All)	2017	23,322,000	CWT	\$16.60	\$387,386,000
	2016	23,860,000	CWT	\$15.20	\$362,196,000
Wool	2017	113,000	CWT	\$1.12	\$126,000
	2016	113,000	CWT	\$1.45	\$164,000
Eggs (Chicken, All)	2017	42,368,000	CWT	\$0.98	\$41,551,000
	2016	31,223,000	CWT	\$1.15	\$35,765,000
Manure	2017	210,000	CWT	\$4.04	\$847,000
	2016	208,000	CWT	\$4.05	\$842,000
Total	2017				\$429,910,000
	2016				\$398,967,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

As we talked about the family owned dairy business that Jack Hamm operates he told me, **“We think we produce the top quality and San Joaquin is famous for the quality and quantity of the milk it produces, so that’s what I think ‘Greatness Grows Here’ is.”** **“If you look at some of the top herds in the state they are right here in San Joaquin County. I do think we have some of the best dairies right here in this county, and so I think that’s greatness that we fit in with the rest of agriculture, we are part of the community.”**



# San Joaquin County Trading Partners in 2017



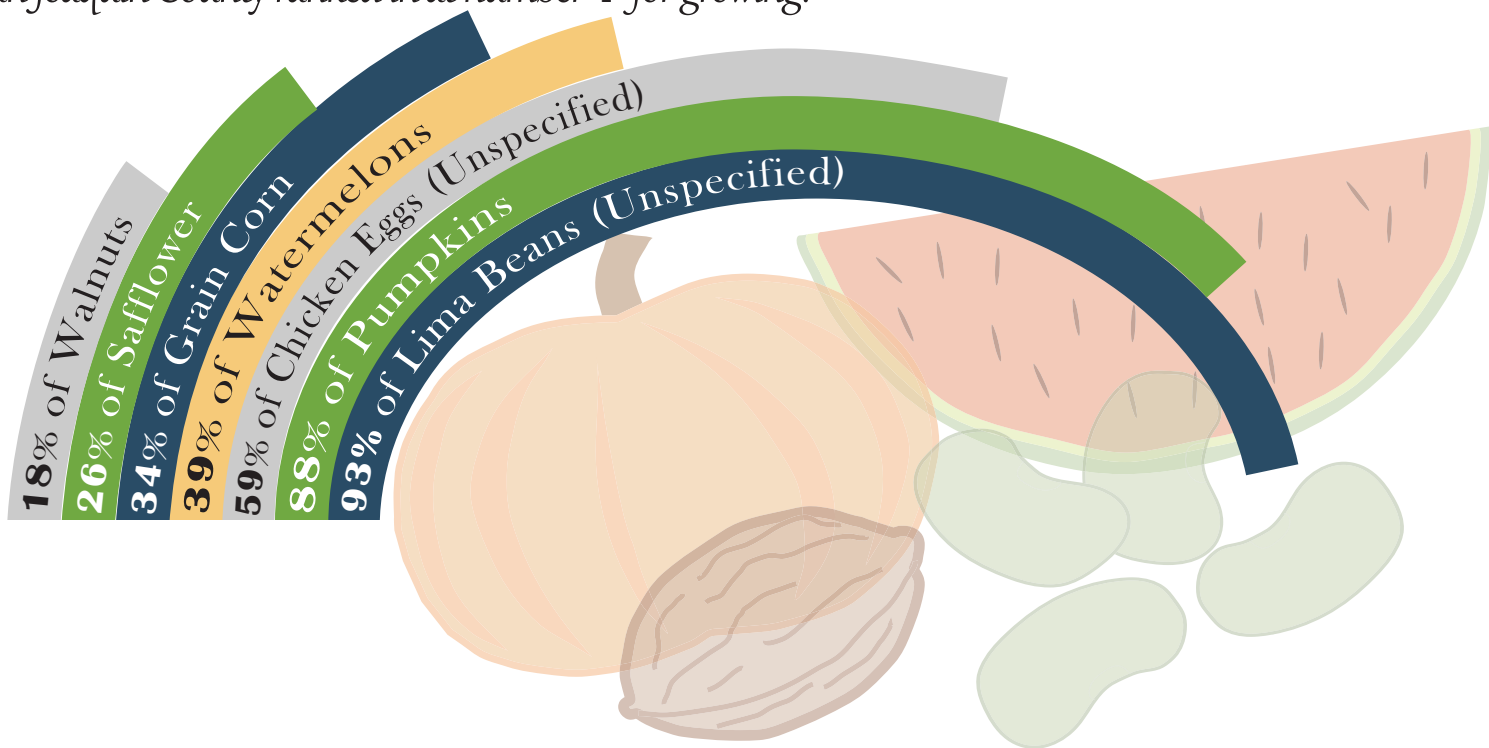
Partner	# of Phytosanitary Certificates	Partner	# of Phytosanitary Certificates	Partner	# of Phytosanitary Certificates
Republic of Korea	3,134	Israel	104	New Zealand	24
Japan	2,730	United Kingdom	88	Egypt	23
China	1,380	Pakistan	78	Greece	23
Canada	956	Saudi Arabia	59	Malaysia	21
Taiwan	894	Lebanon	47	Portugal	17
Italy	480	Norway	47	Nicaragua	16
Vietnam	467	Brazil	46	Belgium	15
India	462	Morocco	41	Singapore	15
Turkey	436	Tajikistan	40	Kuwait	14
United Arab Emirates	406	Philippines	38	Dominican Republic	13
Mexico	350	Chile	36	Sweden	13
Spain	299	Jordan	35	Guatemala	12
Australia	295	Panama	32	Ecuador	11
Hong Kong	255	South Africa	30	Iraq	11
Germany	215	Indonesia	27	Latvia	11
Thailand	144	Kazakhstan	26	Argentina	10
Netherlands	130	France	25	El Salvador	10

In 2017 San Joaquin County traded with **92** different countries and issued a total of **14,228** Federal Phytosanitary certificates. Countries we sent less than 10 phytos to last year were Afghanistan, Algeria, Bahrain, Bangladesh, Bosnia and Herzegovina, Bulgaria, Cambodia, Colombia, Costa Rica, Cote d'Ivoire, Cyprus, Czech Republic, Denmark, Estonia, French Polynesia, Georgia, Guyana, Haiti, Honduras, Hungary, Libya, Lithuania, Former Yugoslav Republic of Macedonia, Malta, Myanmar, Nepal, Oman, Palestinian Territory, Peru, Poland, Qatar, Romania, Russian Federation, Senegal, Serbia, Slovakia, Sri Lanka, Switzerland, Tunisia, Ukraine, and Uruguay. Our top five commodities traded in 2017 were **Rice** at 83,468 tons, **Walnuts** at 49,173 tons, **Almonds** at 34,710 tons, **Cherries** at 19,643 tons and **Corn** at 7,583 tons.



# San Joaquin County Compared to California's Total Production in 2016

San Joaquin County ranked in at number **1** for growing:



San Joaquin County ranked in at number **2** for growing:

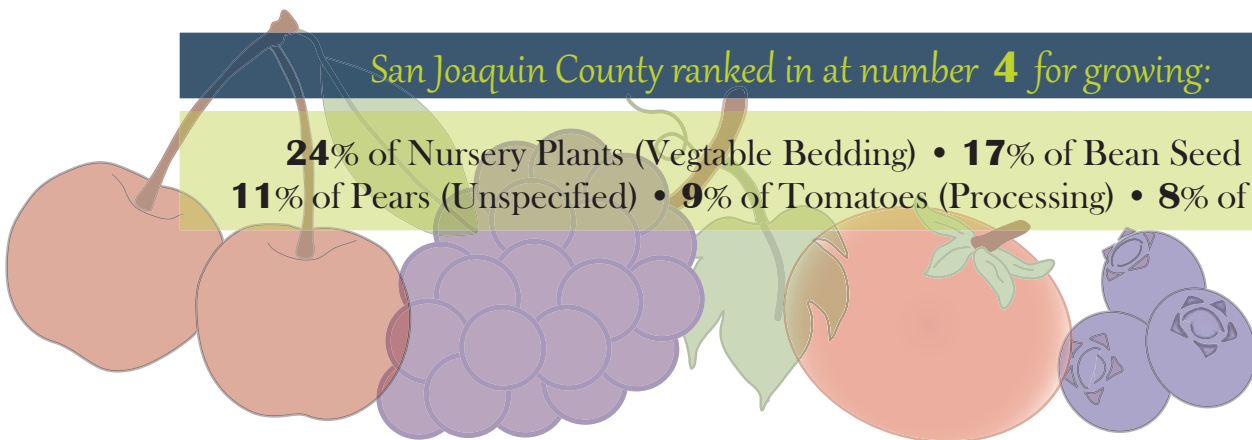
**23%** of Potatoes (All) • **23%** of Apples (All) • **22%** of Cucumbers  
**21%** of Sweet Cherries • **11%** of Dry Edible Beans (Unspecified)

San Joaquin County ranked in at number **3** for growing:

**27%** of Asparagus (Unspecified) • **19%** of Blueberries • **12%** of Grapes


San Joaquin County ranked in at number **4** for growing:


**24%** of Nursery Plants (Vegetable Bedding) • **17%** of Bean Seed  
**11%** of Pears (Unspecified) • **9%** of Tomatoes (Processing) • **8%** of Olives








# Greatness Grows Here


 San Joaquin County has **1,391** square miles of land and **35** square miles of water. (Reported by the U.S. Census Bureau)


 **517,918** acres of San Joaquin County are crop land meaning about **58.2%** of the county is farmland.


 There are **96** different soil classifications within the borders of San Joaquin County. (Reported by the Soil Conservation service)


 San Joaquin is known to grow over **250** different commodities throughout the year.


 The Lodi region has been home to wine grapes since the **1850s** and is mostly known for the Old Vine Zinfandel, but grows large quantities of other varieties as well.

 There are four main rivers running through the county providing water to crop lands and those are the Mokelumne, Calaveras, Stanislaus, and San Joaquin Rivers.

 San Joaquin averages almost **17** inches of rainfall a year, mostly falling within the month of February.

 In January the average high is **56°F** with a low of **38°F**, and in July the average high is **92°F** with a low of **57°F**.

 San Joaquin has been the **#1** producer of walnuts for more than **20** years and the **#1** producer of pumpkins for more than **15** years in the state of California.

 There are a total of **3,580** farms within the county that average with a size of **220** acres. (Reported by the U.S. Census Bureau)



Skip Foppiano, of Morada Produce, talked about the water quality, the quality and various types of soil, and the good weather that cools down at night from the warm days, **“It’s pretty much an ideal climate to raise many, many things, I think we raise things in the county here better and of a little bit higher quality than we can down the state.”** He then went on to talk about how four generations of his family have farmed here and that it all started in San Joaquin County. **“The county here is a little more unique and I think it’s a little better than most places.”**



# The Division of Weights & Measures

*Serving San Joaquin County for over 100 years*

The Division of Weights and Measures is mandated by state law to protect the economic interest of all buyers and sellers of every transaction involving the exchange of goods, property, and services. Our mission is to promote equity, protect consumers, and enforce when necessary laws and regulations to safeguard the economic health of every citizen and competing business.

## 2017 Inspections & Compliance Percentages:

Below are a few statistics of the types and number of inspections that the San Joaquin County Weights and Measures officials performed in 2017 along with the percentage of compliance found during the preliminary inspection.

<u>DEVICE TYPE</u>	<u>2017 INSPECTIONS</u>	<u>COMPLIANCE %</u>
Counter Scales	475	99.3
Computing Scales	1759	97.6
Vehicle Scales	336	93.7
Retail Motor Fuel Dispensers	6631	94.3
Taximeters	24	100



## 2017 Division Highlights:

The Division put into service 3 new vital pieces of equipment used in routine inspections. The first is a 2.5 ton Ford F450 Super Duty truck, loaded with (4) 1,000lb test weights used to test over 300 large platform scales operating at recycling yards, manufacturing plants, and packing sheds. This multi-purpose truck is also used to pull our other 2 new pieces of equipment, the Liquid Petroleum Gas Prover and the Gas/Diesel Prover trailers. These trailers are used to inspect facilities throughout the county that manufacture and/or distribute all types of fuels and lubricants.



# Direct Marketing

A Certified Farmers' Market is a market that the County Agricultural Commissioner's Office approves, it also provides farmers an opportunity to sell fresh produce to the public that they have grown themselves. The Commissioner's Office inspects certified producers growing grounds to ensure that vendors at the markets are selling only product they grew. In 2017 San Joaquin County registered **98** certified Producers and it hosts **9** certified farmers' markets.

## CERTIFIED FARMERS' MARKETS

### Manteca

- Market & Music in Manteca
  - 4:30 p.m. to 7:30 p.m.
  - June to Aug.
  - Tuesdays
- Orchard Valley Farmers Market
  - 4 p.m. to 8 p.m.
  - May to Oct.
  - Fridays

### Lodi

- Downtown Lodi Market
  - 5 p.m. to 8:30 p.m.
  - May to Sept.
  - Thursdays

### Tracy

- Mountain House Farmers Market
  - 9 a.m. to 1 p.m.
  - Feb. to Dec.
  - Sundays
- Tracy Downtown Market
  - 8 a.m. to 1 p.m.
  - April to Nov.
  - Saturdays

### Stockton

- Weberstown Mall Market
  - 8 a.m. to 1 p.m.
  - April to Nov.
  - Sundays & Thursdays
- Boggs Tract Market Place & Puentez Farmers Market
  - 10 a.m. to 2 p.m.
  - Jan. to Dec.
  - Saturdays
- Park West Place Farmers Market
  - 9 a.m. to 1 p.m.
  - May to Oct.
  - Sundays
- Downtown/Crosstown Market
  - 5 a.m. to 11 a.m.
  - All Year
  - Saturdays



Gary Alfieri talks about how he is able to use the premium varieties of almonds he is able to grow in San Joaquin County and create products he can sell to retailers. He also takes his goods to the San Francisco Ferry Building where he has a store front. **"We make a variety of products unique to our area from the abundance of San Joaquin County. Visitors are looking for exactly that-something other than what they can find at home. This helps them remember their trip to our area for on line purchases or even a return visit."**



# Organic Production

What is it? ‘Certified organic foods are grown and processed according to federal guidelines addressing, among many factors, soil quality, animal raising practices, pest and weed control, and use of additives. Produce can be called organic if it’s certified to have grown on soil that had no prohibited substances applied for three years prior to harvest. Prohibited substances include most synthetic fertilizers and pesticides. In instances when a grower has to use a synthetic substance to achieve a specific purpose, the substance must first be approved.’ As stated by USDA in their Organics 101: article.

How does the commissioners’ office get involved? Agricultural commissioners’ offices across the state conduct enforcement and registration activities overseen by the California State Organic Program. In San Joaquin County we had **49** registered organic producers, **23** organic handlers, and **5** organic processors in 2017. There were **1,150.68** certified organic acres growing with a gross value of **\$20,261,000**

Commodity	Year	Harvested Acreage	Total Value
Fruits (Excluding Citrus)	2017	974	\$4,418,000
	2016	586	\$4,115,000
Citrus	2017	5.00	\$46,100
	2016	5.53	\$38,700
Nuts	2017	369	\$3,861,000
	2016	344	\$3,615,000
Vegetables	2017	168	\$999,000
	2016	183	\$1,631,000
Livestock or Dairy	2017	-	\$10,487,000
	2016	-	\$15,731,000
Other	2017	0.70	\$450,000
	2016	3.73	\$454,000
Total	2017	1,520	\$20,261,000
	2016	1,120	\$25,585,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING





# SUSTAINABLE

## Pest Exclusion

Pest exclusion is our first line of prevention against pests that are not known to occur in San Joaquin County. Agricultural biologists oversee the enforcement of quarantines by inspecting shipments from places all over the world that are entering our county. These inspections are done at various parcel facilities, nurseries and any other locations shipments may arrive throughout the county.

<u>INSPECTION TYPE</u>	<u>SHIPMENTS INSPECTED</u>
Parcel Shipments	3,840
Nursery Blue Tags	1,263
Truck Shipments	3,840
Air Freight	76
Sea Freight	9
Seed Shipments	4
Gypsy Moth	1



<u>INTERCEPTED PESTS</u>	<u>NUMBER OF FINDS</u>	<u>PEST RATING</u>
Japanese Dodder	Three	W
Asian Citrus Psyllid	Two	A
Light Brown Apple Moth	One	A
Bicolored Trailing Ant	One	Q
An Exotic Aphid	One	Q
An Exotic Moth	One	Q



# AGRICULTURE

## Pest Detection

Pest detection is an additional line of defense to protect agriculture and prevent invasive pests from becoming established, early detection and localized eradication is key to stopping infestations. In 2017, San Joaquin County Pest Surveyors placed and monitored a total of **12,996** traps for the following pests:



**General Fruit Fly**

Trapping Season: April-Oct  
Host: Fruit Trees  
Traps Deployed: 65  
Trap Servicing's: 910

Trapping Season: June-Sept  
Host: Fruit Trees  
Traps Deployed: 351  
Trap Servicing's: 9,828

**McPhail Trap**



**Japanese Beetle**

Trapping Season: June-Sept.  
Host: Turf/Landscape  
Traps Deployed: 259  
Trap Servicing's: 1,806



Trapping Season: Feb-Sept  
Host: Vineyards  
Traps Deployed: 4,436  
Trap Servicing's: 75,412

**European Grapevine Moth**



Trapping Season: Year Round  
Host: Citrus  
Traps Deployed: 2,219  
Trap Servicing's: 29,454

**Asian Citrus Psyllid**



**Glassy Winged Sharpshooter**

GWSS Nursery  
Trapping Season: Feb-Oct  
Host: Agricultural  
Traps Deployed: 2,552  
Trap Servicing's: 43,384

GWSS Retail  
Trapping Season: April-Oct.  
Host: Ornamental  
Traps Deployed: 626  
Trap Servicing's: 8,764



**Champt Trap**



**Delta Trap**



**Jackson Trap**



**Yellow Panel Trap**



**Gypsy Moth**

Trapping Season: June-Sept  
Host: Shade Trees  
Traps Deployed: 259  
Trap Servicing's: 1,806



**Melon Fruit Fly**

Trapping Season: June-Sept  
Host: Vegetable Gardens  
Traps Deployed: 351  
Trap Servicing's: 4,914

Trapping Season: April-Oct  
Host: Fruit Trees  
Traps Deployed: 626 Each  
Traps Serviced: 8,764 Each

**Mediterranean Fruit Fly**

**Oriental Fruit Fly**



**Light Brown Apple Moth**





# General Information

## *Vision & Function Of the Agricultural Commissioner's Office:*

The Agricultural Commissioner enforces the provisions of the California Food and Agricultural Code for the protection of the public's health, safety and welfare, and to promote and protect the agricultural industry. The Agriculture Office consists of two separate divisions: Agricultural Commissioner and Weights & Measures. The Agricultural Commissioner, who is appointed by the County Board of Supervisors, directs the office.

Tim Pelican is the Agricultural Commissioner / Sealer of Weights and Measures.

County Seat:  
Stockton

Incorporated Cities:  
Escalon • Lathrop • Lodi • Manteca  
Ripon • Stockton • Tracy

Unincorporated Cities:  
Acampo • Collierville • Farmington • Frech Camp • Linden  
Lockeford • Morada • Mountain House • Thorton • Victor  
Waterloo • Woodbridge

San Joaquin County Population:  
726,106 (2015 Census)

Lowest Elevation in County:  
In the Delta Area, 12 Feet Below Sea Level.

Highest Elevation in County:  
In the Southwest Hills, 3,065 Feet Above Sea Level.





## A Special “Thank You”

The San Joaquin County Agricultural Commissioner’s Office expresses its appreciation to the



for their contributions to the 2017 Crop Report. We would also like to thank the San Joaquin County Cooperative Extension for their assistance. Without their support the publication of this report would not be possible.

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