2015 Agricultural Report
San Joaquin County

Youth, the future of Agriculture

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SAN JOAQUIN COUNTY
AGRICULTURAL COMMISSIONER'S OFFICE

2015 ANNUAL CROP REPORT

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Tim Pelican

Compiled by

Khrista Delucchi, Tiffany Gonsalves and Rick Schwieger

SAN JOAQUIN COUNTY
Greatness grows here.

OFFICE OF THE

AGRICULTURAL COMMISSIONER/SEALER

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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-second Annual Report of Agricultural Production in San Joaquin County.

The gross value of agricultural production for 2015 was $2,732,917,000. This represents a 15.51% decrease over the 2014 value of $3,234,705,000.

There were significant changes for 2015. Livestock and Poultry Products decreased by 23.03%, valuing $435,880,000, due to a lower price per cwt. of milk. Fruit and Nut Crops saw a loss of more than $380,000,000 in value, which was 21.71% from 2014. Despite a large drop in price for both almonds and walnuts, Fruit and Nut Crops were still the largest in total value at $1,383,287,000. Field Crops saw a decrease of 19.76% due to a large amount of land being fallowed as a result of the ongoing drought. The total value for Field Crops was $277,101,000. There were increases in some categories; the largest was Livestock and Poultry at 48.53%. Nursery Products, Apiary Products and Vegetable Crops increased less than 10% in value.

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 Khrista Delucchi, Tiffany Gonsalves and Rick Schwieger for compiling the necessary information that made this report possible.

Respectfully submitted,

Tim Pelican
Agricultural Commissioner/Sealer

Agricultural Commissioner/Sealer
Tim Pelican

Assistant Agricultural Commissioner
Kamal Bagri

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Deputy Sealer of Weights and Measures
Dave Singh

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Robert Guzzi
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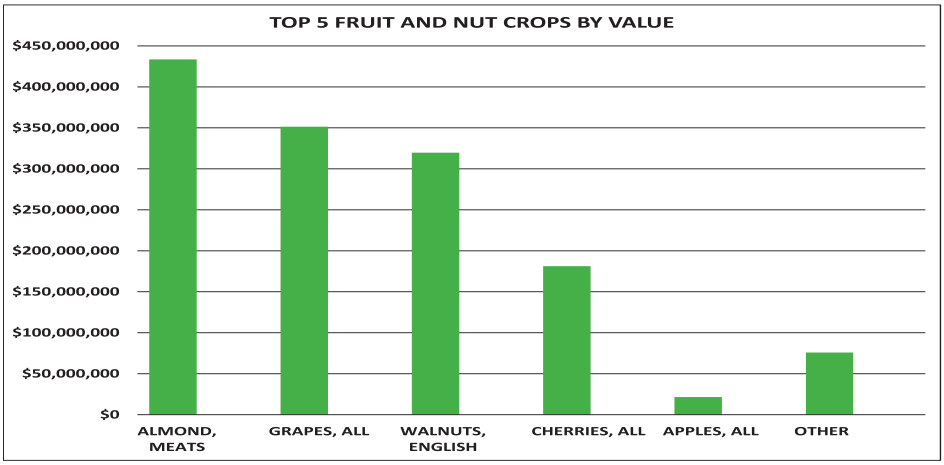
Sherry King
Judy Nepote
Jack Snyder
Jesus Zapien

SAN JOAQUIN COUNTY
Greatness grows here.

FRUIT AND NUT CROPS

CROP	YEAR	BEARING ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	GROSS VALUE PER UNIT	GROSS VALUE SUBTOTAL	GROSS VALUE TOTAL
ALMOND, MEATS	2015	65,300	0.96	62,400	TON	$6,950.00		$433,484,000
	2014	59,200	1.15	68,100	TON	$8,500.00		$578,850,000
ALMOND, HULLS	2015			125,000	TON	$147.00		$18,326,000
	2014			136,000	TON	$145.00		$19,720,000
ALMOND SHELLS	2015			62,400	TON	$21.00		$1,311,000
	2014			34,000	TON	$22.00		$748,000
APPLES, ALL	2015	2,320	20.82	48,300	TON	$446.00		$21,524,000
	2014	2,720	24.63	67,000	TON	$557.00		$37,310,000
FRESH	2015			36,200	TON	$521.00	$18,868,000	
	2014			51,400	TON	$650.00	$33,410,000	
PROCESSING	2015			12,100	TON	$220.00	$2,656,000	
	2014			15,600	TON	$250.00	$3,900,000	
APRICOTS	2015	637	7.20	4,590	TON	$692.00		$3,174,000
	2014	827	11.97	9,900	TON	$500.00		$4,950,000
BLUEBERRIES	2015	1,260	4.78	6,000	TON	$3,560.00		$21,373,000
	2014	1,310	5.00	6,550	TON	$4,200.00		$27,510,000
CHERRIES, ALL	2015	20,300	2.60	52,900	TON	$3,430.00		$181,152,000
	2014	20,500	1.15	23,600	TON	$3,643.00		$85,986,000
FRESH	2015			47,600	TON	$3,720.00	$177,173,000	
	2014			19,700	TON	$4,265.00	$84,021,000	
PROCESSING	2015			5,230	TON	$760.00	$3,978,000	
	2014			3,930	TON	$500.00	$1,965,000	
GRAPES, ALL	2015	97,900	6.23	610,000	TON	$576.00		$351,453,000
	2014	102,000	8.00	816,000	TON	$590.00		$481,440,000
OLIVES, PROCESSING	2015	3,480	5.84	20,300	TON	$520.00		$10,553,000
	2014	3,850	3.90	15,000	TON	$649.00		$9,735,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING



FRUIT AND NUT CROPS

CROP	YEAR	BEARING ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	GROSS VALUE PER UNIT	GROSS VALUE SUBTOTAL	GROSS VALUE TOTAL
PEACHES, ALL	2015	1,690	17.66	29,800	TON	$442.00		$13,181,000
	2014	1,690	19.05	32,200	TON	$377.00		$12,137,000
CLINGSTONE	2015	1,070	19.39	20,700	TON	$464.00	$9,632,000	
	2014	1,070	17.30	18,500	TON	$345.00	$6,383,000	
FREESTONE	2015	619	14.66	9,070	TON	$391.00	$3,550,000	
	2014	619	22.16	13,700	TON	$420.00	$5,754,000	
PEARS	2015	185	15.28	2,820	TON	$431.00		$1,217,000
	2014	185	20.00	3,700	TON	$356.00		$1,317,000
WALNUTS, ENGLISH	2015	64,100	2.18	140,000	TON	$2,280.00		$319,723,000
	2014	62,500	2.10	131,000	TON	$3,817.00		$500,027,000
MISCELLANEOUS	2015	1,080						$4,853,000
	2014	710						$4,919,000
BIOMASS	2015							$1,963,000
	2014							$2,127,000
TOTAL	2015	258,000						$1,383,287,000
	2014	255,000						$1,766,776,000

SEED CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	GROSS VALUE PER UNIT	GROSS VALUE TOTAL
BEANS, OTHER	2015	343	24.00	8,220	CWT	$75.10	$617,000
	2014	510	25.40	13,000	CWT	$76.00	$988,000
MISCELLANEOUS	2015	824					$2,998,000
	2014	992					$3,603,000
TOTAL	2015	1,170					$3,615,000
	2014	1,500					$4,591,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	GROSS VALUE PER UNIT	GROSS VALUE SUBTOTAL	GROSS VALUE TOTAL
BEANS, DRY, ALL	2015	10,200	1.23	12,600	TON	$1,450.00		$18,246,000
	2014	11,800	1.31	15,500	TON	$977.00		$15,150,000
LIMA	2015	2,840	1.39	3,940	TON	$1,860.00	$7,315,000	
	2014	1,000	1.45	1,450	TON	$1,720.00	$2,494,000	
BEANS, OTHER	2015	7,350	1.17	8,600	TON	$1,260.00	$10,932,000	
	2014	10,800	1.30	14,000	TON	$904.00	$12,656,000	
CORN, GRAIN	2015	49,100	5.01	246,000	TON	$146.00		$35,915,000
	2014	53,000	4.67	248,000	TON	$200.00		$49,600,000
HAY, ALL	2015	61,700	6.28	387,000	TON	$185.00		$71,781,000
	2014	65,400	6.79	444,000	TON	$255.00		$113,233,000
ALFALFA	2015	54,900	6.67	366,000	TON	$189.00	$69,126,000	
	2014	57,700	7.30	421,000	TON	$254.00	$106,934,000	
OTHER	2015	6,710	3.08	20,600	TON	$129.00	$2,655,000	
	2014	7,700	3.70	28,500	TON	$221.00	$6,299,000	
PASTURE & RANGE	2015	135,000			ACRE	$39.20		$5,291,000
	2014	135,000			ACRE	$40.00		$5,393,000
IRRIGATED	2015	14,500			ACRE	$198.00	$2,871,000	
	2014	14,500			ACRE	$165.00	$2,393,000	
OTHER	2015	120,000			ACRE	$20.00	$2,400,000	
	2014	120,000			ACRE	$25.00	$3,000,000	
RICE	2015	3,210	4.23	13,600	TON	$410.00		$5,563,000
	2014	3,400	4.74	16,100	TON	$400.00		$6,440,000
SAFFLOWER	2015	3,080	1.18	3,630	TON	$513.00		$1,860,000
	2014	3,170	1.57	4,980	TON	$520.00		$2,590,000
SILAGE, CORN	2015	40,200	29.29	1,177,000	TON	$42.70		$50,223,000
	2014	50,200	27.24	1,367,000	TON	$49.00		$66,983,000
SILAGE, OTHER INCLUDES GREEN CHOP	2015	109,000	14.89	1,626,000	TON	$45.10		$73,279,000
	2014	112,000	13.72	1,537,000	TON	$41.00		$63,017,000
WHEAT	2015	18,600	3.09	57,400	TON	$229.00		$13,151,000
	2014	23,000	3.28	75,400	TON	$235.00		$17,719,000
MISCELLANEOUS	2015	1,900						$1,792,000
	2014	10,000						$5,220,000
TOTAL	2015	432,000						$277,101,000
	2014	467,000						$345,345,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

BEANS. OTHER INCLUDES BLACKEYE. KIDNEY. GARBANZO AND ALL OTHER BEANS NOT LISTED

VEGETABLE CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION TOTAL	UNIT	GROSS VALUE PER UNIT	GROSS VALUE SUBTOTAL	GROSS VALUE TOTAL
ASPARAGUS	2015	2,820	2.88	8,120	TON	$4,030.00		$32,718,000
	2014	4,650	1.83	8,510	TON	$3,028.00		$25,768,000
CORN, SWEET	2015	3,040	8.10	24,600	TON	$277.00		$6,810,000
	2014	2,170	7.52	16,300	TON	$392.00		$6,390,000
CUCUMBERS	2015	2,800	7.93	22,200	TON	$136.00		$3,026,000
	2014	2,640	9.80	25,900	TON	$200.00		$5,180,000
MELONS, ALL	2015	2,990	31.77	95,100	TON	$360.00		$34,243,000
	2014	2,450	39.80	97,500	TON	$355.00		$34,604,000
WATERMELON	2015	2,660	33.46	88,900	TON	$364.00	$32,327,000	
	2014	2,250	42.00	94,500	TON	$345.00	$32,603,000	
OTHER	2015	335	18.40	6,150	TON	$316.00	$1,916,000	
	2014	200	15.00	3,000	TON	$667.00	$2,001,000	
ONIONS	2015	974	19.86	19,300	TON	$197.00		$3,805,000
	2014	1,580	17.35	27,400	TON	$272.00		$7,453,000
PEPPERS	2015	270	20.29	5,470	TON	$632.00		$3,454,000
	2014	683	18.66	12,700	TON	$677.00		$8,598,000
POTATOES	2015	4,020	21.25	85,400	TON	$732.00		$62,484,000
	2014	3,740	19.40	72,600	TON	$552.00		$40,075,000
PUMPKINS	2015	2,620	22.73	59,600	TON	$357.00		$21,259,000
	2014	3,140	17.62	55,300	TON	$360.00		$19,908,000
TOMATOES, ALL	2015	37,200	43.72	1,629,000	TON	$91.40		$148,845,000
	2014	37,800	43.20	1,633,000	TON	$93.00		$151,859,000
SHIPPING	2015	2,830	11.81	33,400	TON	$495.00	$16,533,000	
	2014	2,110	16.10	34,000	TON	$563.00	$19,142,000	
PROCESSING	2015	34,400	46.34	1,595,000	TON	$82.90	$132,313,000	
	2014	35,700	44.80	1,599,000	TON	$83.00	$132,717,000	
MISCELLANEOUS	2015	1,920						$8,525,000
	2014	2,440						$12,969,000
TOTAL	2015	58,700						$325,169,000
	2014	61,300						$312,804,000

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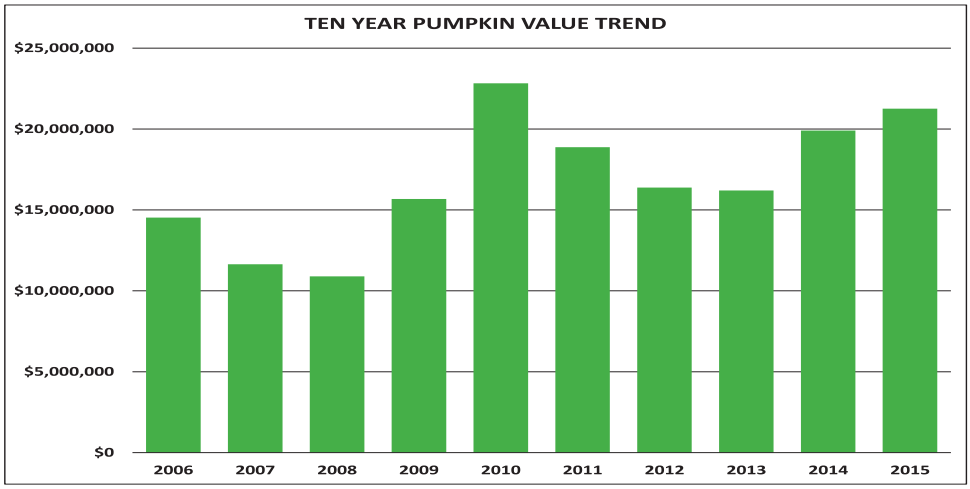
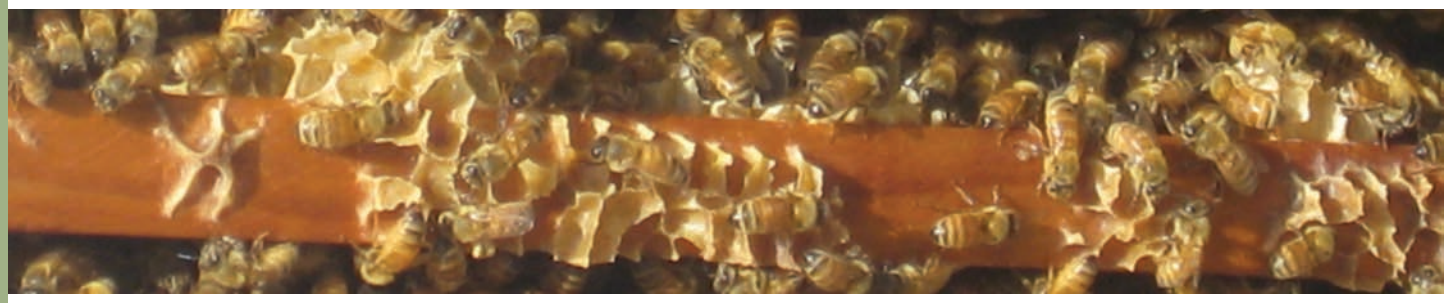


NURSERY PRODUCTS

ITEM	YEAR	QUANTITY SOLD	UNIT	GROSS VALUE TOTAL
GRAPEVINES, STRAWBERRY PLANTS, FRUIT & NUT TREES	2015	87,346,000	PLANT	$8,833,000
	2014	126,226,000	PLANT	$9,003,000
VEGETABLE PLANTS	2015	334,633,000	PLANT	$15,675,000
	2014	654,319,000	PLANT	$20,173,000
FLOWERING POTTED PLANTS	2015	943,000	EACH	$2,599,000
	2014	1,158,000	EACH	$4,583,000
FOLIAGE PLANTS	2015	1,670,000	EACH	$10,739,000
	2014	1,229,000	EACH	$5,183,000
BEDDING PLANTS	2015	215,277,000	PLANT	$11,324,000
	2014	236,122,000	PLANT	$11,013,000
WOODY ORNAMENTALS	2015	7,608,000	EACH	$41,072,000
	2014	7,733,000	EACH	$32,140,000
BULBS, RHIZOMES, TURF, CACTUS, CHRISTMAS TREES, ETC.	2015			$14,578,000
	2014			$14,301,000
TOTAL	2015			$104,820,000
	2014			$96,396,000



APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	GROSS VALUE PER UNIT	GROSS VALUE TOTAL
HONEY	2015	196,000	LBS	$2.17	$425,000
	2014	125,000	LBS	$2.00	$250,000
POLLINATION	2015	140,000	HIVE	$143.00	$19,959,000
	2014	133,000	HIVE	$144.00	$19,152,000
MISCELLANEOUS	2015				$148,000
	2014				$209,000
TOTAL	2015				$20,532,000
	2014				$19,611,000

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MISCELLANEOUS INCLUDES POLLEN, BEES, QUEENS, NUCLEUS, COLONIES AND BEESWAX

LIVESTOCK AND POULTRY

ITEM	YEAR	NO. HEAD	LIVE WEIGHT	UNIT	GROSS VALUE PER UNIT	GROSS VALUE TOTAL
CATTLE & CALVES	2015	126,000	996,000	CWT	$153.00	$152,388,000
	2014	112,000	811,000	CWT	$120.00	$97,320,000
SHEEP & LAMBS	2015	16,600	21,600	HD	$131.00	$2,817,000
	2014	16,600	21,100	HD	$110.00	$2,321,000
BROILERS	2015	2,037,000	12,019,000	LBS	$0.80	$9,615,000
	2014	1,831,000	9,684,000	LBS	$0.81	$7,844,000
TURKEYS	2015	320,000	7,354,000	LBS	$1.03	$7,574,000
	2014	321,000	9,448,000	LBS	$1.10	$10,393,000
MISCELLANEOUS	2015					$10,119,000
	2014					$5,004,000
TOTAL	2015					$182,513,000
	2014					$122,882,000

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	GROSS VALUE TOTAL
MILK, ALL	2015	24,026,000	CWT	$15.50	$372,170,000
	2014	24,602,000	CWT	$22.00	$541,244,000
WOOL	2015	113,000	LBS	$1.65	$186,000
	2014	60,200	LBS	$1.85	$111,000
EGGS, CHICKEN	2015	32,027,000	DOZ	$1.95	$62,441,000
	2014	20,900,000	DOZ	$1.14	$23,930,000
MANURE	2015	215,000	TON	$5.05	$1,083,000
	2014	203,000	TON	$5.00	$1,015,000
TOTAL	2015				$435,880,000
	2014				$566,300,000

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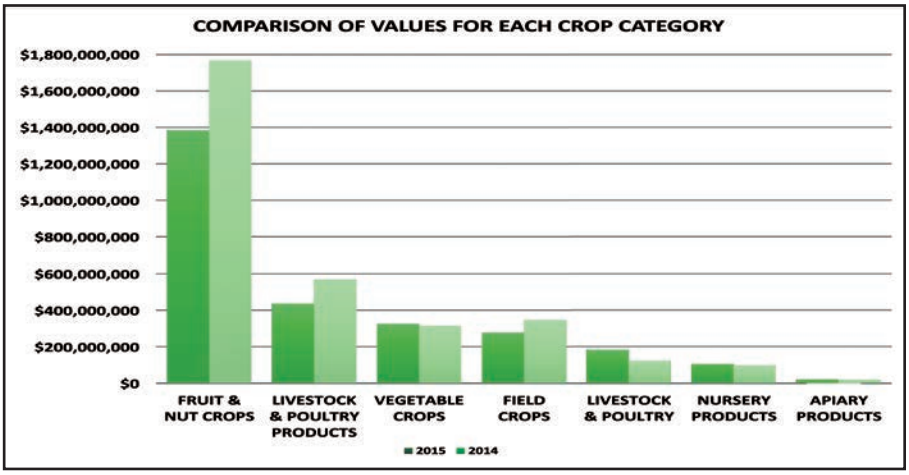

Top Ten Crops

2014		2015		
Almonds	$579 M	Almonds	$433 M	↓
Milk	$541 M	Milk	$372 M	↓
Walnuts	$500 M	Grapes	$351 M	↓
Grapes	$481 M	Walnuts	$320 M	↓
Tomatoes	$152 M	Cherries	$181 M	↑
Hay, All	$113 M	Cattle & Calves	$152 M	↑
Cattle & Calves	$ 97 M	Tomatoes	$149 M	↓
Cherries	$ 86 M	Silage, Other	$ 73 M	↑
Silage, Corn	$ 67 M	Hay, All	$ 72 M	↓
Silage, Other	$ 63 M	Eggs	$ 62 M	↑

San Joaquin County Trading Partners 2015

Algeria
Argentina
Australia
Azerbaijan
Bahrain
Bangladesh
Belgium
Brazil
Bulgaria
Burkina Faso
Cambodia
Canada
Chile
China
Colombia
Costa Rica
Czech Republic
Denmark
Dominican Republic
Ecuador
Egypt
El Salvador
Ethiopia
Fiji
Finland
France
French Polynesia
Georgia
Germany
Greece
Grenada
Guatemala
Guyana
Haiti
Honduras
Hong Kong
Hungary
India
Indonesia
Iraq
Ireland
Israel
Italy
Jamaica
Japan
Jordan
Korea, Republic of
Kuwait
Latvia
Lebanon
Libya
Malaysia
Malta
Mexico
Morocco
Netherlands
New Zealand
Nicaragua
Nigeria
Norway
Pakistan
Panama
Peru
Philippines
Poland
Portugal
Romania
Russian Federation
Saudi Arabia
Senegal
Singapore
South Africa
Spain
Sri Lanka
Sweden
Switzerland
Taiwan
Thailand
Tunisia
Turkey
Ukraine
United Arab Emirates
United Kingdom
United States
Uruguay
Venezuela, Bolivarian Republic of
Vietnam
Virgin Islands, British

In 2015, San Joaquin County issued 13,795 Federal Phytosanitary Certificates

Youth in Agriculture

There is something spectacular about youth who are involved in agriculture. They are the future of the industry that feeds the world. Today the average age of a producer in San Joaquin County is 61 years old and the other supporting industries, pest control advisors, pest control operators and the technicians that work on equipment are finding themselves in the same boat. More recently, a loss of specialists in the University of California Crop Advisors system due to retirement has been noticed as well; these individuals are the backbone of support for the agricultural industry. It is difficult to replace professionals that develop new strains of crops and improve methods of production that help increase yields. This makes the youth involved in agriculture our number one asset. It assures that we can continue to provide a good, quality, sustainable food product for an ever growing hungry world.

There are many programs in San Joaquin County that provide an opportunity for our youth to get involved in agriculture. San Joaquin County Agfest stands out as one of them. Over 800 youths were counted showing animals and participating at this event. That 800 means countless untold hours and a plethora of resources utilized by each exhibitor to get their one shot at showing an animal at the fair to maybe win a ribbon and to go on to sell these animals at the livestock auction. Why is this so important? What they experience will go a long way in their journey to become the new face of agriculture.

The Future Farmers of America (FFA) is another prosperous program. It is administered by the California Department of Education and has 4,147 students enrolled in 15 different programs throughout the County. These programs include; Ornamental Horticulture, Agricultural Mechanics, Plant and Soil Science as well as Forestry and Natural Resources. Another 784 of our young citizens and 233 adult volunteers are involved in 4-H which is overseen by University of California Cooperative Extension.

At the local Junior College level, the number of our young-adults seeking education in the agricultural sciences is even more promising than recent years. Currently, Delta College has 54 students attending 4 programs with plans for additional educational opportunities in the future. The Junior College just down the Road, Modesto Junior College, has 1,617 students majoring in 25 different programs. Many of the students enrolled in these programs will go on to seek their bachelor's degree and other higher education. These individuals will soon become the pest control advisors and veterinarians that we all know and work with today.

Young Farmers and Ranchers (YF&R) is a group of young adults between the ages of 18 and 35 that are active in agriculture. It is a committee of the San Joaquin County Farm Bureau and has 64 members receiving advice on subjects such as production, banking and business. YF&R also promotes youth in agriculture by providing 3 scholarships to high school seniors pursuing agriculture related degrees. We are proud to announce that this group has been chosen as "State Committee of the Year" two years running for their continued dedication to our agricultural industry and the youth of San Joaquin County.

San Joaquin County is a firm believer in the young members of our agriculture community. We support the local 4-H and FFA chapters, which helps to prepare them for a career in our industry. One of our priorities is to provide as much support as we can, through scholarships and our staff participating in AgVenture. As we continue to develop relationships with our young members, it will help to provide them with a platform to build off of, as they continue their education and careers. We are proud to be advocates and supporters for the future of our industry.

Direct Marketing/Organic

Stockton

Downtown/Crosstown	Downtown Stockton	Park West Place Farmers Market	Weberstown
El Dorado St & Washington St	400 Block of Main St	Trinity Pkwy & 8 Mile Rd	4350 Pacific Ave
Saturdays, Year Round	Fridays, May – Oct	Sundays, May – Dec	Sundays, Year Round Thursdays, Apr – Nov
4:00 am – 11:00 am	8:00 am – 2:00 pm	9:00 am – 2:00 pm	8:00 am – 1:00 pm

Lodi

Lodi Certified Farmers Market	Lodi Certified Farmers Market	Lodi Market
School St. Between Elm St & Locust St	School St. Between Elm St & Walnut St	2101 S. Stockton St
Sundays, May & Oct	Thursdays, May – Sept	Sundays, May – Oct
8:00 am – 2:00 pm	5:00 pm – 8:30 pm	8:00 am – 1:00 pm

Manteca

Market & Music in Manteca
100 Manteca Ave

Tuesdays, June – July

4:30 pm – 8:00 pm

Tracy

Downtown Tracy	West Valley Mall
10th St Between B St & Central Ave	Naglee Rd
Saturdays, Apr – Nov	Sundays, Year Round
8:00 am – 1:00 pm	8:00 am – 2:00 pm

Ripon

Ripon Certified Farmers Market
Mavis Stouffer Park

Thursdays, June - July

4:00 pm – 7:30 pm

In 2015, San Joaquin County held 11 Certified Farmers Markets and registered 97 Certified Producers.

There were 39 organic producers farming a total of 1,052 acres.

Sustainable Agriculture

Pest Exclusion

Pest Exclusion is the first line of prevention against invasive pests entering the county. Agricultural Biologists oversee the enforcement of quarantines by inspecting shipments entering the county. Inspections occur at various parcel facilities, nurseries and other locations.

Inspection Type	Shipments Profiled	Shipments Inspected
Air Freight	73	73
GWSS Nursey	2,218	1,701
Gypsy Moth	7	7
Parcel	14,939	7,508
Sea Freight	9	9
Truck	415	399
Other	28	28

Pest Detection

Pest Detection is an additional line of defense that prevents invasive pests from becoming established. Early detection and localized eradication is key to stopping infestations. In 2015, San Joaquin County Pest Surveyors placed and monitored traps for the following pests:

Target Pest	Affected Hosts	Trapping Season	Traps	Trap Servicing's
Apple Maggot	Apples	Jun-Sept	195	1,365
Asian Citrus Psyllid	Citrus	Year Round	1,407	10,500
European Grapevine Moth	Vineyards	Mar-Aug	4,236	52,950
General Fruit Fly	Fruit Trees	May-Oct	359	9,334
Glassy Winged Sharpshooter (GWSS)	Ag/Ornamental	May-Oct	639	7,988
GWSS Nursery	Ag/Ornamental	May-Oct	2,590	44,030
Gypsy Moth	Shade Trees	Jun-Sept	251	1,757
Japanese Beetle	Shade Trees	Jun-Sept	251	1,757
Light Brown Apple Moth (LBAM)	Fruit Trees	May-Oct	639	7,988
LBAM Nursery	Fruit Trees	Year Round	179	2,148
Mediterranean Fruit Fly	Fruit Trees	May-Oct	639	7,988
Melon Fruit Fly	Vegetable Gardens	May-Oct	359	4,667
Oriental Fruit Fly	Fruit Trees	May-Oct	639	7,988
Western Cherry Fruit Fly	Cherries	May-Jun	318	1,272

Pest Finds

Pest	Scientific Name	Rating
Asian Citrus Psyllid	Diaphorina citri	A
Brown Marmorated Stink Bug	Halyomorpha halys	B
Light Brown Apple Moth	Epiphyas postvittana	A
Japanese Dodder	Cuscuta japonica	A
Tobacco Mottle Mosaic Virus		Q

An "A" rated pest is a pest not known to occur in the State of California. A "B" rated pest is a pest known to occur in San Joaquin County but of limited distribution. A "Q" rated pest is a pest not known to occur in the United States.

Youth in Agriculture Trivia

Future Farmers of America

- FFA was established in 1928, by students from 33 states, during the America Royal Livestock Show in Kansas City, MO.
- The famous emblem was approved in 1929 with the official colors being National Blue and Corn Gold.
- Female membership was restricted until 1969, when full membership was granted. Women now comprise 45% of current membership.
- Membership is at 600,000+ with 7,575 chapters in U.S. and two U.S. territories.
- San Joaquin County has over 4,147 members within its 15 chapters.
- County schools have received over $3,000,000 in grants used for programs in Plant Sciences, Ag Mechanics, Ag Business and Ag science.

4-H

- The first 4-H youth club was established in Clark County, OH in 1902. 4-H was initially known as "The Tomato Club" or "Corn Growing Club".
- The first after-school agricultural clubs and fairs started in Douglas County, MN in 1902.
- The 4-H clover pin was developed in 1908 in Clarion, IA. The initial design was a 3 leaf clover and the leaves represented Heart, Head, and Hand. In 1911, club leaders at a meeting in Washington, DC approved the 4 leaf clover with the 4th leaf representing Health.
- The Smith-Lever Act of 1914 established the Cooperative Extension System at USDA and nationalized the 4-H.
- By 1924, 4-H clubs were formed and the clover emblem was adopted.
- San Joaquin County has 19 clubs with a membership of 784 youth.
- Club size ranges from 5 to 125 members and are for all children between ages of 8 and 18.
- 4-H clubs focus on developing citizenship, leadership, responsibility and life skills.
- The 4-H motto is "To make the best better" and the slogan is "Learn by doing".

Young Farmers & Ranchers

- YF&R is a committee of the California Farm Bureau Federation.
- Members range in age from 18 to 35 and are active in agriculture. Members are involved in farming and ranching, banking, business and regulatory work.
- YF&R helps develop leadership skills and knowledge needed in the agricultural fields, while helping the Farm Bureau to effectively represent all farmers and ranchers in the county and state.
- San Joaquin County Young Farmers and Ranchers have been designated as the "State YF&R Committee of the Year" two years in a row.
- San Joaquin County Young Farmers and Ranchers have raised money for 3 scholarships to area high school seniors pursuing careers in ag related studies.

GENERAL SAN JOAQUIN COUNTY INFORMATION

County Seat:	Stockton
County Population (2015 Census):	726,106
Population per Square Mile:	492
Incorporated Cities (7):	
Escalon, Lathrop, Lodi, Manteca, Ripon, Stockton, Tracy	
Land Area (Square Miles):	1,391
Land Area in Farms (Acres – 2012 Census):	787,015
Total Crop Land (Acres – 2012 Census):	517,918
Irrigated Crop Land (Acres – 2012 Census):	485,402
Number of Farms (2012 Census):	3,580
Average Size of Farms (Acres – 2012 Census):	220
Agriculture Work Force (Monthly Average – 2012 Census):	23,037
Lowest Elevation in County (Delta Area):	12’ Below Sea Level
Highest Elevation in County (Southwest Hills):	3065’ Above Sea Level
Length of County (North to South):	75 Miles
Width of County (East to West):	65 Miles
Average January Temperature (F):	46
Average July Temperature (F):	75

2015 Rainfall:

North County: 5.2 Inches	South County: 3.1 Inches
East County: 8.1 Inches	West County: 4.7 Inches

A SPECIAL “THANK YOU”

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

San Joaquin Farm Bureau Federation **and** American AgCredit

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