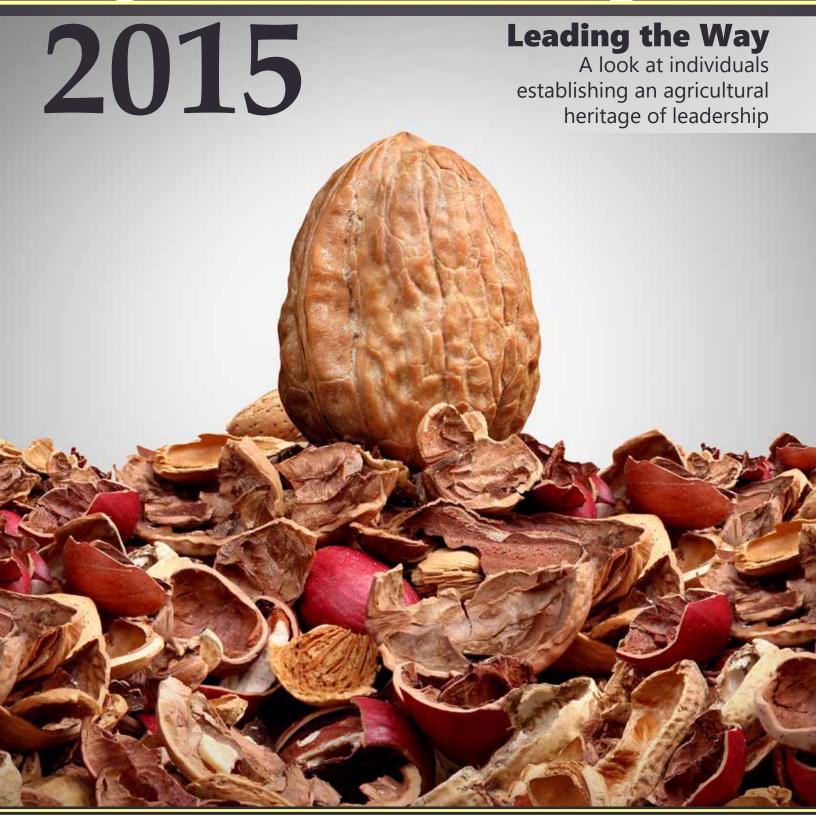
# Stanislaus County Agricultural Report



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Department Staff





# AGRICULTURAL COMMISSIONER'S OFFICE AND SEALER OF WEIGHTS & MEASURES

Milton O'Haire

Agricultural Commissioner/Sealer

3800 Cornucopia Way, Suite B Modesto, California 95358 Phone: 209.525.4730 Fax: 209.525.4790

Karen Ross, Secretary
California Department of Food and Agriculture

and

The Honorable Board of Supervisors of Stanislaus County

Dick Monteith District 4, Chairman

William O'Brien District 1, Vice-Chairman

Vito Chiesa District 2
Terry Withrow District 3
Jim DeMartini District 5

In accordance with Section 2279 of the California Food and Agricultural Code, we are pleased to submit the Stanislaus County Agricultural Report for 2015. This report provides a statistical description of Stanislaus County's agricultural production. We must emphasize that this report represents gross values of agricultural commodities and does not reflect production costs or profits.

The value of agricultural commodities produced last year in Stanislaus County decreased by 12% to \$3,879,331,900. This represents a decrease of \$517,954,100 from the all-time high value in 2014 of \$4,397,286,000. This decrease is primarily attributed to a reduction in yields for many commodities due to the sustained drought and a drop in the values of milk, walnuts, almond meats, silage, cattle and calves and turkeys. Milk posted the largest decrease at \$304 million followed by walnuts at \$127 million and almond meats at \$100 million. Over 20,000 acres were fallowed in 2015 due to the drought.

We wish to express our appreciation to the agricultural producers, industry representatives and public agencies that provided data for this report. We would also like to express our thanks to the Agricultural Commissioner and UC Cooperative Extension staff, especially Richard Homer and Amy Lomeli who compiled the statistical data.

Respectfully submitted,

Milton O'Haire

Agricultural Commissioner/Sealer

La Oltain

Stanislaus County

Theresa Spezzano County Director, UC Cooperative Extension Stanislaus County





Pictured from left to right: Vito Chiesa, Terry Withrow, Jim DeMartini, William O'Brien, and Dick Monteith

## **PRIORITIES**

In collaboration with public and private partnerships we strive for:

- A safe community
- A healthy community
- A strong local economy
- Effective partnerships
- A strong agricultural economy/heritage
- A well-planned infrastructure system
- Efficient delivery of public services

## **VALUES**

**Trustworthiness**...acting with honesty, integrity, loyalty and keeping our promises

**Respect**...treating everyone with dignity

**Responsibility**...being accountable for our actions and pursuing excellence

**Fairness**...treating others with impartiality and equity **Caring**...showing concern for the well-being of others **Citizenship**...obeying laws and regulations and caring

about our community

## **District 1-William O'Brien**

Cities: Oakdale, Riverbank, Waterford Unincorporated: Empire, Knight's Ferry, Valley Home

## **District 2-Vito Chiesa**

Cities: Hughson, Turlock Unincorporated: Denair, Hickman, Keyes, La Grange

## **District 3-Terry Withrow**

Cities: Modesto Unincorporated: Salida

## **District 4-Dick Monteith**

Cities: Modesto

#### District 5-Jim DeMartini

Cities: Ceres, Newman, Patterson Unincorporated: Crows Landing, Grayson, Westley

## **Leadership In Agriculture**

Good leaders have vision and possess the ability to see beyond what others see and inspire them to obtain their dreams and goals. A vision must be constantly nourished and just as a plant with no sunlight or water is sure to die, so will an organization without vision.

In Stanislaus County, we have been blessed with agricultural leaders that have dreamed big and were willing to take the risk to innovate, produce better products, do things a bit unconventionally, and stay the course to see a vision come true. Be it the likes of E & J Gallo, Foster Farms, or the five California Department of Food and Agriculture Secretaries and two United States Department of Agriculture Secretaries that hail from Stanislaus County, their influence has been felt on a regional, national and global scale.

While our local agricultural industry has greatly contributed to the advancement of agriculture globally, it has not forgotten the importance of investing in the youth who will become the future leaders, such as the Future Farmers of America, the Farm Bureau's Young Farmers and Ranchers and the University of California Cooperative Extension 4-H clubs. Throughout the County, numerous annual fundraisers are held to provide scholarships for students interested in advancing their education and careers in the field of agriculture.

The agricultural leaders presented in this year's agricultural report by no means make up the entirety of the leaders in Stanislaus County. The individuals and companies were selected to highlight and memorialize those that have already been recognized by the local agricultural industry as leaders and examples of our agricultural heritage.

To read the expanded biography of each leader please visit the Agricultural Commissioner's website at http://www.stanag.org.

## **Stanislaus County**

**Our Mission:** To serve the public interest by promoting public health, safety, welfare, and the local economy in an efficient, cost effective manner.

Our Vision: To be respected for service in the community and to be known as the best County in America.

## **Agricultural Commissioner's Office**

**Our Mission:** Support and protect the well-being of Agriculture, Business, and the Community.

**1895-1927** A.L. Rutherford - First Horticultural Commissioner

**1927-1934** E.T. Hamlin - First Agricultural Commissioner

1934-1969 Milo M. Schrock - First Combined Agricultural

Commissioner/Sealer of Weights & Measures

1969-1979 Stanley D. Ray

1980-1986 A. Hugh Sinclair

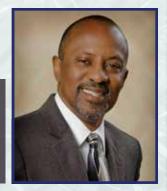
1986-1994 Keith L. Mahan

**1994-2002** Donald O. Cripe

2002-2008 Dennis Gudgel

2008-2013 Gary Caseri

In 2013 Milton O'Haire became Stanislaus County's 10th Agricultural Commissioner, its 11th Sealer of Weights and Measures and the first African-American Agricultural Commissioner/Sealer in California's history.

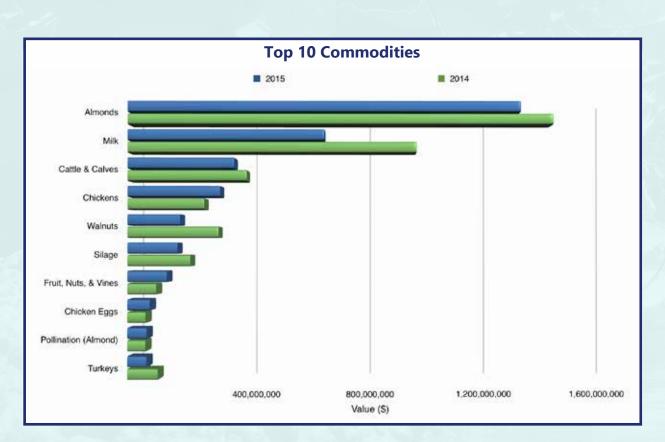




## **Top 10 Commodities**

Category	Rank	2015 Value (\$)	Rank	2014 Value (\$)
Almonds, All <sup>1</sup>	1	1,297,052,000	1	1,405,106,000
Milk, All	2	647,812,000	2	952,189,000
Cattle & Calves, All	3	350,209,000	3	391,803,000
Chickens, All	4	304,226,000	5	252,108,000
Walnuts	5	171,741,000	4	\$299,088,000
Silage, All	6	163,580,000	6	206,193,000
Deciduous Fruit & Nut Trees and Vines	7	129,393,000	8	94,319,000
Eggs, Chicken Market	8	73,483,000	9	59,590,000
Pollination, Almond	9	62,860,000	10	59,157,000
Turkeys, All	10	62,394,000	7	99,864,000
Top 10 Total		3,262,750,000		3,819,417,000
All Other Commodities		616,581,900		577,869,000
<b>Grand Total</b>		3,879,331,900		4,397,286,000

1 Almonds, All includes: Almond Meats, Hulls, and Shells





Category	Year	Total	Unit	Per Unit	Total Value
Beeswax <sup>1</sup>	2015	547,000	LB	\$3.38	\$1,849,000
	2014	506,000	LB	\$3.48	\$1,761,000
Honey <sup>1</sup>	2015	4,395,000	LB	\$2.17	\$9,537,000
	2014	4,341,000	LB	\$2.03	\$8,812,000
<b>Pollination, Almond</b>	2015	355,000	COL	\$177.07	\$62,860,000
	2014	329,000	COL	\$179.81	\$59,157,000
Pollination, Misc. <sup>2</sup>	2015				\$449,000
	2014				\$610,000
Queen Bees	2015	5,400	EA	\$18.50	\$99,900
	2014	7,500	EA	\$20.00	\$150,000
Total	2015				\$74,794,900
	2014				\$70,490,000

<sup>1</sup> Honey and Beeswax are based on resident colonies plus the value of the colonies during almond pollination season 2 Pollination, Misc. includes: Apple, Blueberry, Cherry, Cucumber, Melons, Onion, Pumpkin, Squash

# **Field Crops**

Visit		N-					
Category	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total Value
Beans, Dried All	2015	8,292					\$19,166,000
	2014	10,216					\$19,845,000
Black-Eyed	2015	249	1.10	274	Ton	\$1,105	\$303,000
	2014	307	0.75	230	Ton	\$1,100	\$253,000
Baby Limas	2015	3,621	1.30	4,710	Ton	\$1,050	\$4,946,000
	2014	4,461	1.50	6,690	Ton	\$1,210	\$8,095,000
Large Limas	2015	3,864	1.40	5,410	Ton	\$2,400	\$12,984,000
	2014	4,760	1.26	6,000	Ton	\$1,720	\$10,320,000
Garbanzo	2015	558	1.10	614	Ton	\$946	\$581,000
	2014	688	1.00	688	Ton	\$970	\$667,000
Bean Straw	2015			5,410	Ton	\$65	\$352,000
	2014			6,000	Ton	\$85	\$510,000
Hay, Alfalfa	2015	27,113	6.83	185,000	Ton	\$186	\$34,410,000
	2014	29,197	7.08	207,000	Ton	\$264	\$54,648,000

# **Field Crops (continued)**

Category	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total Value
Hay, Oat	2015	26,283	3.38	88,800	Ton	\$153	\$13,586,000
	2014	30,011	4.40	132,000	Ton	\$205	\$27,060,000
Hay, Other <sup>1</sup>	2015	13,004					\$6,748,000
	2014	12,406					\$10,628,000
Pasture, Irrigated	2015	32,500			Acre	\$248	\$8,060,000
	2014	32,500			Acre	\$213	\$6,923,000
Rangeland	2015	421,949			Acre	\$20	\$8,439,000
	2014	422,449			Acre	\$20	\$8,449,000
Rice	2015	747	4.48	3,350	Ton	\$374	\$1,253,000
	2014	903	4.74	4,280	Ton	\$400	\$1,712,000
Silage, All	2015	138,070					\$163,580,000
	2014	148,905					\$206,193,000
Other <sup>2</sup>	2015	51,353					\$58,447,000
	2014	53,390					\$44,325,000
Corn	2015	81,041	25.83	2,093,000	Ton	\$49	\$102,557,000
	2014	90,890	27.36	2,487,000	Ton	\$64	\$159,168,000
Sudan	2015	5,676	12.96	73,600	Ton	\$35	\$2,576,000
	2014	4,625	12.69	58,700	Ton	\$46	\$2,700,000
Wheat, All	2015	1,326					\$1,502,000
	2014	2,898					\$4,596,000
Wheat, Grain	2015	1,326	3.09	4,100	Ton	\$229	\$939,000
	2014	2,898	3.28	9,500	Ton	\$273	\$2,594,000
Wheat, Straw	2015			6,050	Ton	\$93	\$563,000
	2014			14,300	Ton	\$140	\$2,002,000
Miscellaneous <sup>3</sup>	2015	198					\$148,000
	2014	2,076					\$2,030,000
Total	2015	669,482					\$256,892,000
	2014	691,561					\$342,084,000

<sup>1</sup> Hay Other includes: Clover, Grass, Sudan, Wheat and Winter Forage 2 Silage, Other includes: Alfalfa, Barley, Grass, Oats, Ryegrass, Sorghum, Triticale, Vetch, Wheat, and Winter Forage 3 Miscellaneous includes: Corn Grain, Corn Human Consumption, Safflower

# **Fruit and Nut Crops**

							Strive
Category	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total Value
<b>Almond Meats</b>	2015	177,719	0.97	172,000	Ton	\$7,260	\$1,248,720,000
	2014	164,314	1.05	173,000	Ton	\$7,800	\$1,349,400,000
Almond Hulls	2015			344,000	Ton	\$130	\$44,720,000
	2014			346,000	Ton	\$150	\$51,900,000
Almond Shells	2015			172,000	Ton	\$21	\$3,612,000
	2014			173,000	Ton	\$22	\$3,806,000
Apricots	2015	3,956	6.44	25,500	Ton	\$885	\$22,568,000
	2014	4,701	11.40	53,600	Ton	\$569	\$30,498,000
Cherries	2015	2,649	2.34	6,200	Ton	\$3,882	\$24,068,000
	2014	3,496	1.04	3,640	Ton	\$4,265	\$15,525,000
Citrus <sup>1</sup>	2015	512					\$6,142,000
	2014	526					\$3,242,000
Grapes, All	2015	11,294					\$40,510,000
	2014	12,372					\$52,663,000
Red	2015	7,337	9.25	67,900	Ton	\$401	\$27,228,000
	2014	7,676	9.19	70,500	Ton	\$468	\$32,994,000
White	2015	3,957	9.04	35,800	Ton	\$371	\$13,282,000
	2014	4,696	9.50	44,600	Ton	\$441	\$19,669,000
Peaches, All	2015	5,881					\$57,420,000
	2014	6,698					\$58,600,000
Cling	2015	5,404	20.32	110,000	Ton	\$462	\$50,820,000
	2014	6,028	20.76	125,000	Ton	\$384	\$48,000,000
Freestone	2015	477	12.65	6,000	Ton	\$1,100	\$6,600,000
	2014	670	15.80	10,600	Ton	\$1,000	\$10,600,000
Walnuts	2015	34,647	1.89	65,500	Ton	\$2,622	\$171,741,000
	2014	35,580	2.09	74,400	Ton	\$4,020	\$299,088,000
Miscellaneous <sup>2</sup>	2015	3,622					\$27,889,000
	2014	3,340					\$25,221,000
Total	2015	240,280					\$1,647,390,000
	2014	231,027					\$1,889,943,000

<sup>1</sup> Citrus includes: Grapefruit, Lemons, Oranges, Pomelos, and Tangerines 2 Micellaneous includes: Avocados, Berries (Blackberries, Boysenberries, Blueberries, and Strawberries, Raspberries) Chestnuts, Figs, Kiwi, Nectarines, Olives, Pears, Pecans, Persimmons, Pistachios, Plums, Pluots, Pomegranates, Prunes, Quince, and Table Grapes. Apples were separate in 2014, combined into Miscellaneous in 2015.

# **Livestock and Poultry**

		Number of	Total Live			
Category	Year	Head	Weight	Unit	Per Unit	<b>Total Value</b>
Cattle & Calves, All	2015	321,600				\$350,209,000
	2014	327,031				\$391,803,000
Beef Feeders <sup>1</sup>	2015	130,175				\$69,162,000
	2014	129,285				\$66,579,000
Beef Slaughter <sup>2</sup>	2015	47,125				\$27,327,000
	2014	49,545				\$32,128,000
Dairy Slaughter <sup>3</sup>	2015	72,300				\$88,870,000
	2014	76,201				\$104,096,000
Dairy Replacement	2015	72,000				\$164,850,000
	2014	72,000				\$189,000,000
Goats 4	2015	21,421				\$1,445,000
	2014	20,293				\$1,369,000
Sheep & Lambs ⁵	2015	3,284	4,269	CWT	\$133.52	\$570,000
	2014	3,183	4,138	CWT	\$115.03	\$476,000
Hogs & Pigs	2015	18,877	31,995	CWT	\$94.22	\$3,015,000
	2014	19,262	29,305	CWT	\$113.97	\$3,340,000
Chickens, All	2015	183,355,000				\$304,226,000
	2014	175,384,532				\$252,108,000
Chickens	2015	55,205,000	329,022,000	LB	\$0.80	\$263,218,000
	2014	45,698,000	273,517,000	LB	\$0.77	\$210,608,000
Chicks	2015	128,150,000		EA	\$0.32	\$41,008,000
	2014	129,686,532		EA	\$0.32	\$41,500,000
Turkeys, All	2015	4,946,000				\$62,394,000
	2014	11,008,516				\$99,864,000
Turkeys	2015	1,976,000	56,803,000	LB	\$1.02	\$57,939,000
	2014	2,930,425	79,476,000	LB	\$1.10	\$87,424,000
Poults	2015	2,970,000		EA	\$1.50	\$4,455,000
	2014	8,078,091		EA	\$1.54	\$12,440,000
Squab	2015	441,991		EA	\$5.26	\$2,325,000
	2014	460,413		EA	\$5.22	\$2,403,000
Game Birds 6	2015	672,318		EA	\$10.89	\$7,322,000
	2014	125,515		EA	\$7.47	\$938,000
Total	2015					\$731,506,000
	2014					\$752,301,000

<sup>1</sup> Beef Feeders includes: Feed Lots, Beef Steers, Beef Heifers, Beef Replacement Heifers, Transient Cattle, Drop Calves less Replacement Heifers

<sup>2</sup> Beef Slaughter includes: Beef Cows, Beef Bulls, Dairy Beef

<sup>3</sup> Dairy Slaughter includes: Cull Cows and Cull Bulls

<sup>4</sup> Goats includes: Cull Does, Cull Bucks, Meat Goats and Dairy Goat Kids

<sup>5</sup> Sheep & Lambs includes: Cull Ewes, Cull Rams, Replacement Rams, Replacement Ewes, Lambs

<sup>6</sup> Game Birds includes: Chukar, Ducks, Geese, Pheasant, Partridge, Quail

## **Livestock and Poultry Products**

Category	Year	Total	Unit	Per Unit	Total Value
Milk, All	2015	41,471,000	CWT		\$647,812,000
	2014	42,768,000	CWT		\$952,189,000
Market	2015	39,821,000	CWT	\$15.49	\$616,827,000
	2014	42,516,000	CWT	\$22.23	\$945,131,000
Manufacturing	2015	1,536,000	CWT	\$17.37	\$26,680,000
	2014	252,000	CWT	\$23.24	\$5,856,000
Milk, Goat	2015	114,000	CWT	\$37.76	\$4,305,000
	2014	34,500	CWT	\$34.81	\$1,202,000
Eggs, Chicken Market	2015	29,160,000	DOZ	\$2.52	\$73,483,000
	2014	33,858,000	DOZ	\$1.76	\$59,590,000
Eggs, Other 1	2015	3,620,000			\$3,914,000
	2014	5,440,000			\$7,013,000
Wool <sup>2</sup>	2015	34,800	LB	\$5.04	\$175,000
	2014	36,300	LB	\$5.16	\$187,000
Manure <sup>3</sup>	2015	521,000	Ton	\$7.00	\$3,647,000
	2014	479,000	Ton	\$6.75	\$3,233,000
Total	2015				\$729,031,000
	2014				\$1,022,212,000

<sup>1</sup> Eggs, Other includes: Turkey Hatching, Quail and Duck Eggs. Total units rounded from 2014 report

# William J. Lyons, Jr.

Governor Gray Davis appointed Lyons as Secretary of the California Department of Food and Agriculture in 1999. As Secretary, Lyons provided leadership to the CDFA for the development and implementation of sound agricultural policy for California's large agricultural industry.

Since 1978, Lyons has been elected to serve on a number of agriculture related boards and commissions, including the Stanislaus County Farm Bureau, Modesto Irrigation District, Farm Service Agency, and East Stanislaus Resource Conservation District. The Lyons Family's ranch west of Modesto has been in operation for more than 75 years.



<sup>2</sup> Wool includes: Alpaca Fiber and Sheep Wool. Total units rounded from 2014 report

<sup>3</sup> Manure includes: Cow, Chicken and Turkey







# 1998

Richard Lyng served as Secretary of the United States Department of Agriculture from 1987-1989, and Secretary of the California Department of Food and Agriculture from 1967-1969. His diverse career included the foundation of Ed J. Lyng and Company, a seed and bean processing company, in Modesto. He also represented the Meat Institute, Livestock and Meat Board, and Tri Valley Growers.

Hall of Fame - 1998

Richard Lyng Ann M. Veneman



Henry Voss Clare Berryhill

## **Nursery Products**

					77.2	
Category	Year	Field Acres	Quanity Sold	Unit	Per Unit	Total Value
Deciduous Fruit & Nut Trees and Vines	2015	1,022	24,322,000	EA	\$5.32	\$129,393,000
	2014	1,124	21,291,000	EA	\$4.43	\$94,319,000
Ornamental Trees & Shrubs	2015	428	2,311,000	EA	\$10.54	\$24,358,000
	2014	538	2,822,000	EA	\$10.00	\$28,220,000
Miscellaneous <sup>1</sup>	2015	608				\$16,136,000
	2014	582				\$16,345,000
Total	2015	2,058				\$169,887,000
	2014	2,244				\$138,884,000

<sup>1</sup> Miscellaneous includes: Almond Rootstock Seed, Christmas Trees, Lavender, Raspberry Transplants, Turf, Tomato Transplants & Strawberry Transplants

## **Organic Products**

Category	Year	Harvested Acres	Per Acre	Total	Unit	Per Unit	Total Value
All Organic Products	2015	8,301					\$89,413,000
	2014	5,400					\$30,301,000



Category	Year	Total	Per Unit	Total Value
Firewood	2015	64,100	\$225.00	\$14,423,000
	2014	59,319	\$235.00	\$13,940,000
All Other Agriculture 1	2015			\$7,596,000
	2014			\$3,176,000
Total	2015			\$22,019,000
	2014			\$17,116,000

<sup>1</sup> All Other Agriculture includes: Aquaculture (Bass & Catfish), Compost, Vermiculture (Worms, Worm Castings). Fuel cogeneration has been removed from All Other Agriculture

## **Seed Crops**

Category	Year	Harvested Acres	Per Acre	Total	Per Unit	Total Value
Field Crop <sup>1</sup>	2015	249				\$560,000
	2014	306				\$675,000
Other <sup>2</sup>	2015	223				\$180,000
	2014	252				\$438,000
Total	2015	472				\$740,000
	2014	558				\$1,113,000

<sup>1</sup> Field Crop includes: Black-Eyed Bean, Chickpea, Lima Bean



# Ann M. Veneman

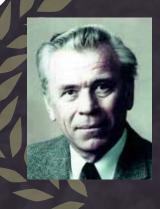
Ann M. Veneman served as a representative of the nation as the Secretary of the United States Department of Agriculture from 2001-2005, and as the Secretary of the California Department of Food and Agriculture from 1995-1999. Veneman was the first woman to hold these positions in each agency. Veneman's career has been shaped by a background in law and her upbringing on a peach farm in Modesto.



<sup>2</sup> Other includes: Oat, Onion, Rice, Squash, Tomato, Vegetable







# 1998

Henry Voss' agricultural career spanned more than 40 years including having served as Secretary of the California Department of Food and Agriculture from 1989-1995, and president of the California Farm Bureau Federation. Governor Wilson stated that Mr. Voss had a special passion for making sure that kids understood agriculture. His career in agriculture began early as he managed a 60-acre peach orchard while attending the University of California at Davis.

## **Vegetable Crops**

Category	Year	Harvest Acres	Per Acre	Total	Unit	Per Unit	Total Value
<b>Green Baby Limas</b>	2015	1,428	1.40	2000	Ton	\$1,352	\$2,704,000
	2014	1,759	1.40	2460	Ton	\$1,100	\$2,706,000
Melons, All <sup>1</sup>	2015	2,576					\$22,966,000
	2014	3,035					\$26,106,000
Pumpkins	2015	181	23.00	4,160	Ton	\$360	\$1,498,000
	2014	288	17.62	5,080	Ton	\$360	\$1,829,000
<b>Sweet Potatoes</b>	2015	1,447	17.23	24,900	Ton	\$798	\$19,870,000
	2014	1,267	16.10	20,400	Ton	\$750	\$15,300,000
Tomatoes, All <sup>2</sup>	2015	12,978					\$55,486,000
	2014	13,854					\$58,950,000
Miscellaneous <sup>3</sup>	2015	6,998					\$55,135,000
	2014	6,221					\$27,951,000
Total	2015	25,608					\$157,659,000
	2014	26,424					\$132,842,000

<sup>1</sup> Melon categories (Cantaloupe, Honeydew, and Melons Other) separate in 2014. Melons, All includes: Cantaloupe, Canary, Casaba, Crenshaw, Hami, Honeydew, Persian, Sharlyn, Watermelon 2 Tomato categories (Fresh, Processing) combined

<sup>3</sup> Broccoli and Squash, All separate in 2014. Miscellaneous includes: Artichoke, Asparagus, Beet, Broccoli, Brussel Sprout, Cabbage, Carrot, Cauliflower, Chinese Greens, Cucumber, Daikon, Eggplant, Garlic, Herb-Spice, Kale, Kohlrabi, Lettuce-Head, Lettuce-Leaf, Mustard Greens, Okra, Onion-Dry, Onion-Green, Parsley, Pea, Peppers, Potato, Radish, Spinach, Squash All, Sweet Basil, Swiss Chard, Turnip, Vegetable, Vegetable Leaf

## **Summary**

		THE RESERVE THE LIBERTY	
Category	Year	Harvest Acreage	<b>Total Value</b>
<b>Apiary Products</b>	2015		\$74,794,900
	2014		\$70,490,000
Field Crops	2015	669,482	\$256,892,000
	2014	691,561	\$342,084,000
Fruit and Nut Crops	2015	240,280	\$1,647,390,000
	2014	231,027	\$1,889,943,000
Livestock and Poultry	2015		\$731,506,000
	2014		\$752,301,000
Livestock and Poultry Products	2015		\$729,031,000
	2014		\$1,022,212,000
<b>Nursery Products</b>	2015	2,058	\$169,887,000
	2014	2,244	\$138,884,000
Organic Products	2015	8,301	\$89,413,000
	2014	5,400	\$30,301,000
Other Agriculture	2015		\$22,019,000
	2014		\$17,116,000
Seed Crops	2015	472	\$740,000
	2014	558	\$1,113,000
Vegetable Crops	2015	25,608	\$157,659,000
	2014	26,424	\$132,842,000
Total	2015	946,201	\$3,879,331,900
	2014	957,214	\$4,397,286,000



# Clare Berryhill

Clare Berryhill served as a state senator and assemblyman representing agriculture. While serving as Secretary of the California Department of Food and Agriculture from 1983-1987, Mr. Berryhill continued to farm merlot grapes. Berryhill was known as a strong family man who not only loved to farm but was an astute businessman.





# **National Ag Science Center Hall of Fame**

The National Ag Science Center has been recognizing the accomplishments of the individuals, families and companies who work to make California the nation's leading agricultural state through industry representation, leadership and technological impact.



# Gertrude Zehrung

A "professional volunteer," Gertrude "Gertie" Zehrung served many agricultural organizations, including California Women for Agriculture, Ag in the Classroom, the Hughson Fruit & Nut Festival, Friends of Extension and the Ag Pavilion Advisory, among others.





# 1999 Rolland Starn

A former Stanislaus County Supervisor, Rolland Starn maintained a consistent record of involvement in agriculture and the community. He served as chairman of the Cling Peach Advisory Board, President of Stanislaus County Farm Bureau, Founding Director of the Norman W. Ross Horticulture Foundation and founder of Friends of Agriculture. He is also honored with an Endowed Chair in Agriculture Studies at California State University, Stanislaus.



# William C. Ulm

Local dairyman William "Bill" Ulm served as a Stanislaus County Supervisor, and was active in the Farm Bureau and Farm Supply Boards of Directors. He was also an influential member of several dairy associations, and participated in the formation of the California Milk Advisory Board. Ulm was also influential to the Modesto Jr. College Agriculture Department, Modesto Chamber of Commerce, and multiple community, county and regional organizations, ag related and beyond.





# Max & Verda Foster

Max and Verda Foster's first modest flock of chickens and turkeys begun in 1939 eventually led the way to becoming the largest poultry company in the Western United States, Foster Farms. As an early innovator, Foster Farms computerized poultry processing and introduced pieced poultry ready-to-cook, cardboard milk cartons and low fat milk.





# 2000 Bill & Mary Lyons

Bill and Mary Lyons are owner/operators of the 10,000 acre historic Mapes Ranch, west of Modesto. The Lyons family has years of commitment to numerous agricultural and community organizations including 4-H, FFA, Stanislaus County Fair, National Cattlemen's Association, California Cattlemen and Cattlewomen's Associations and the California Farm Bureau. The Lyons family is also recognized as leaders in the preservation of wildlife, wetlands, and habitats by the National Audubon Society and the U.S. Department of Fish and Wildlife.

# Ernest & Julio Gallo

Ernest and Julio Gallo have greatly impacted agriculture through their decades of leadership in the wine industry. Starting with a small family vineyard and winery, today this global, vertically integrated enterprise is the largest winery in the world and employs thousands worldwide including several thousand in and around Stanislaus County. The Gallo's have invested heavily in agricultural research at the University of California and California State University systems, improving the quality of grapes available in the region through better farming practices such as plant nutrition, irrigation and harvesting regimens.





# J.S. West and Company





J. S. West and Company began in 1909 selling coal, wood and fertilizers in Modesto. Today, the West and Benson families still operate a 1950's era landmark feed mill in downtown Modesto. Retail stores carry a full line of feed and supplies and custom feed blends are manufactured in the Sierra Grain Mill partnership in Hughson.

Family members continue to be heavily involved in the poultry and egg industry at both the state

and national levels. The company was the first to install an American Humane Association certified poultry barn in the United States. The company packs eggs for over 60 labels and processes frozen liquid eggs in their Hilmar processing plant. They process liquid eggs in a plant they operate in Oakland and export shell eggs to the Middle and Far East.



# Larry Carter

William "Larry" Carter served on a large number of industry boards, organizations and committees involving agriculture and his community. He also operated a laying hen and almond ranch and was Executive Manager of the Stanislaus County Farm Bureau for 15 years. Mr. Carter's commitment to agriculture in Stanislaus County attributed greatly to strong local agricultural organizations such as the Farm Bureau and the Ag Foundation.



# Tom, Earl, Daniel and Mike Perez 2003





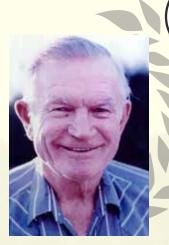
Starting in the 1940's as J.M. Perez & Sons by family patriarch Juan Perez, Perez Farms' Tom, Earl, Daniel and Mike Perez have become leaders in the agricultural industry by supporting research and improvement of crops and harvest technology in farming. They have also influenced marketing and water management practices while also serving on numerous industry boards, committees and community organizations. Perez Farms grows almonds, alfalfa, apricots, beans, broccoli, cantaloupe, cherries, honeydew, tomatoes and walnuts in and around the western portion of Stanislaus County.



# 2004Floyd Zaiger

An apprenticeship with an early fruit and nut breeder resulted in a lifelong passion for Floyd Zaiger. Floyd founded Zaiger's Inc. Genetics-a pioneer and industry leader in hybridized deciduous fruits such as Pluots, Plumcots and Apriums.

Zaiger holds over 100 plant patents and has received numerous awards nationally and internationally. The Zaiger family's work has provided numerous industry improvements such as expanded seasons and increased firmness and storage life, which have opened new markets for fruit exports. The Zaiger family has also remained involved in agricultural education at local high schools and Modesto Junior College.





# Ernie Gemperle 2004

A Swiss immigrant, Ernie Gemperle began a family run poultry business and egg packing operation that has been in production for over 50 years. Many poultry and egg organizations have been influenced by Gemperle's leadership, including Nulaid Foods, Nu-Cal Egg Company, the American Egg Board and the California Egg Commission. In addition, the Gemperle family has committed to serving multiple causes and community organizations.



# A.L. Gilbert Co.

A.L. Gilbert Company was established in 1892 in Oakdale, capitalizing on a family history in the milling business dating back to 1585 in Central Europe. The company serves dairymen and livestock producers throughout the Central Valley providing bulk feeds, liquid feeds and field seeds from its feed mills in Oakdale, Keyes, Fairfield and Chowchilla. The company is in its fourth generation as a family owned and managed business.





# 2006 Ratto Bros.

Since 1905, Ratto Brothers has been owned and operated in the family tradition started by Antone L. Ratto who grew his own vegetables on Bay Farm Island near Oakland and personally delivered them to customers in a horse-drawn cart. Ratto Bros. farms nearly 1,000 acres of prime farmland near Modesto, growing dozens of varieties of herbs, leafy greens, fruits and vegetables year-round. The company credits their success as a result of the enormous pride the family takes in cultivating relationships and providing premium, fresh produce to their customers.









Started by Irwin Burchell over 70 years ago, Burchell Nursery has earned a reputation as a recognized leader in the industry of growing and harvesting nursery stock. Family owned and operated, Burchell Nursery has sold more than 75 million fruit and nut trees. With a vision of "plant good trees on good land, take care of them, and they will take care of you," Burchell Nursery holds over 80 patents on fruit and nut tree varieties, and

has established itself as key innovator in plant breeding and research and development.

# 2008 Elory Industries

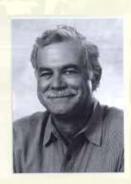
Located on the original homestead in Salida, Flory Industries has been repairing and building farm equipment since 1936 and over four generations. Flory is considered a leader in the field of nut-harvesting equipment, with sales worldwide. Flory has a history of working with educational institutions to improve equipment technology to meet both industry needs and environmental concerns regarding air quality.



# Dave Wilson Nursery







Established in 1938 and based in Hickman, Dave Wilson Nursery is one of the largest growers of deciduous fruit, nut and shade trees in California for both commercial orchards and home gardens. The nursery introduced the first tree fruit varieties developed by Floyd Zaiger in 1966 and are the primary propagator and exclusive licensor of Zaiger varieties.

# Duarte Nursery<sub>2010</sub>



Located in Hughson, family owned and operated Duarte Nursery revolutionized the viticulture nursery industry by growing virus-free stock in plastic containers. Duarte's marketing of containerized, grafted grapevines provides farmers the option of planting grapes year-round. The company has continued its growth through innovation by making tissue culture tree rootstocks commercially available. Dry Creek Labs, a subsidiary of Duarte Nursery, specializes in the demand for clonal prunus, citrus, pistachio, and walnut rootstocks.

# Stanislaus Food Products

Modesto's Stanislaus Food Products has specialized in premium tomato products since 1942. Stanislaus Food Products has grown to become the recognized quality leader within the California tomato processing industry as well as a market share leader within the pizzeria and Italian restaurant segment. Differentiating itself from competitors, Stanislaus packs 100% of their products from fresh tomatoes, not from concentrate, during the summer season. Under the Cortopassi family leadership Stanislaus Food Products has become the largest "fresh-pack" cannery in the world.



# Veterinary Service, Inc.



Headquartered in Modesto, Veterinary Service, Inc. has provided a diverse supply of animal health products for over 50 years. Founders Frank Sweetman, Dr. Willis Woodward, Dr. Donald Rosenberg, and John Pugliese focused on innovation and quality products in agriculture, as well as customer driven service for all segments of the animal health industry. VSI has long established itself as a strong supporter of the community and a leader in the agricultural industry.

# 2013 Ed Rocha

Founded by John Rocha in 1924 as John N. Rocha Transportation, Ed Rocha and family have roots in hauling milk, hay, dairy supplies, and cattle. Eventually the company evolved into Ed Rocha Livestock Transportation in 1963, which grew to include tankers, vans, curtain vans, flats and cattle trucks. In 1990, Rocha's Valley Enterprises was founded, leasing tomato trailers to the Morningstar Company, and to handle the shuttle and inter-plant business for E&J Gallo. Dedicated to giving back to the industry, Ed is very active in leadership roles with several trucking and community organizations.



Save Mart Supermarkets

Save Mart Supermarkets opened its first store in Modesto in 1952. Today, privately owned and operated Save Mart is headquartered in Modesto, and operates throughout Northern California and Northern Nevada under the Save Mart, S-Mart Foods, Lucky, MaxxValue Foods and FoodMaxx banners. Save Mart is deeply involved in communities by giving back millions of dollars annually to programs and organizations supporting health, wellness, nutrition, education, sports and hunger relief.



# Stanislaus Farm Suppl





While other grower-owned companies and agricultural suppliers have come and gone, Stanislaus Farm Supply has worked alongside Stanislaus Farm Bureau as an affiliated coop to be a voice for agriculture and the member owners. Farm Supply has improved the financial well-being and quality of life for farmers and ranchers while adapting to the advances in agricultural technologies and changes in the environment and climate. The company has committed to supporting local youth through junior livestock events and student scholarships for those pursuing agricultural related degrees.

# Stanislaus County Farm Bureau Distinguished Service Award

This award recognizes Farm Bureau members and individuals from outside the organization who have devoted their careers to serving the agricultural community. Their contributions and achievements have supported and advanced the agricultural industry and furthered the Farm Bureau's values and policies.



# Ron Macedo

Ron served many years on the Stanislaus County and State Farm Bureau Boards of Directors. He has also served as President of the Stanislaus County Farm Bureau and was instrumental in starting some of the very first farm safety programs in Stanislaus County and California. Ron is currently serving on the Turlock Irrigation District Board of Directors.





# 2013 Al Brizard

Al Brizard spent more than 30 years as a Stanislaus County Farm Bureau Director. Al's expertise in California's water issues provided direction while serving on the Central Valley Regional Water Quality Control Board for several years.







# <sup>2014</sup> Paul Wenger

A third generation farmer from Modesto, Paul has served as President of the Stanislaus County Farm Bureau and is currently President of the California Farm Bureau Federation, the largest agricultural organization in the state.





# 2015 Sam Bettencourt

Sam served as Chief Executive Officer of Stanislaus Farm Supply for over 35 years. He was involved with youth in agriculture from day one. Sam became a champion at fairs all over the valley by supporting 4-H and FFA activities.





# 2016 Bertha Castillo

Bertha works for the Stanislaus County Agricultural Commissioner's office as an Agricultural Assistant II. She started her service in 1971, working in the pesticide division assisting growers with their use reports, permit appointments, notice of intents, and continuing education hours. Bertha has dedicated 45 years of service to the local agricultural community. Farmers and ranchers have depended on her for assistance and a straight answer when working with the Agricultural Commissioner's office.



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## **Stanislaus County Commodity Production State Rankings**

Apricots (1st, 42% of state total) • Dry Beans (1st, 20% of state total) • Turkeys (1st, 36% of state total) • Almonds (2nd, 17% of state total) • Chicken Eggs (2nd) • Grain Hay (2nd) • Honey (2nd) • Sweet Potatoes (2nd) • Walnuts (2nd) • Farm Chickens (3rd, 22% of state total) • Honeydew Melons (3rd) • Irrigated Pasture (3rd) • Silage (3rd) • All Peaches (4th) • Apples (4th) • Cantaloupes (4th) • Cattle & Calves (4th) • Milk & Cream (4th) • Sudan Hay (4th) • Sweet Cherries (4th) <sup>1</sup>

State	Income <sup>2</sup>
Montana	\$3,839,066,000
Virginia	\$3,780,015,000
Tennessee	\$3,675,547,000
Louisiana	\$3,297,593,000
New Mexico	\$3,038,775,000
South Carolina	\$2,419,874,000
Maryland	\$2,229,721,000
Utah	\$1,986,093,000
Wyoming	\$1,717,347,000
Delaware	\$1,285,206,000
New Jersey	\$1,046,112,000
Vermont	\$822,252,000
Maine	\$741,610,000
West Virginia	\$739,582,000
Nevada	\$730,004,000
Hawaii	\$697,223,000
Connecticut	\$542,908,000
Massachusetts	\$409,209,000
New Hampshire	\$249,791,000
Rhode Island	\$80,868,000
Alaska	\$34,348,000

## **Farm Data**

Number of Farms: 4,143<sup>3</sup>

Land in Farms: 768,046 Acres<sup>3</sup>

Average Size of Farm: 185 Acres<sup>3</sup>

Average Age of Farmer: 59.3 (US: 58.3)<sup>3</sup>

Farm Operators: 2,450<sup>3</sup>

Commodities Grown: Over 230

California Land Conservation (Williamson) Act Acres: 575,549 (approximately 60% of county acres) 4

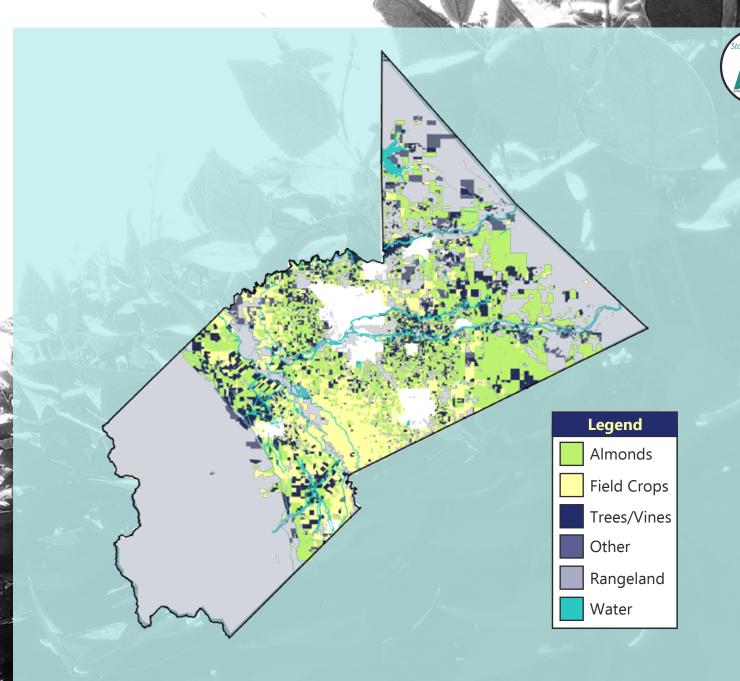
## Stanislaus \$ 3,879,331,900

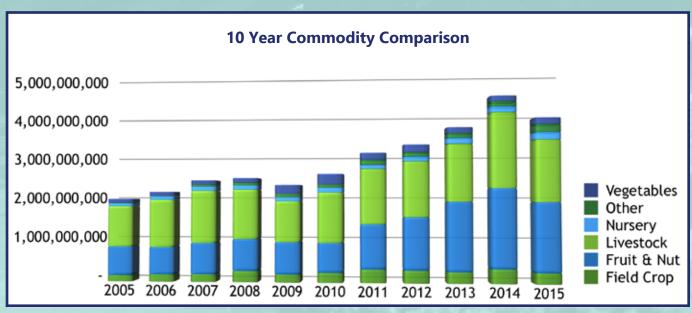
Stanislaus County ranks higher than 21 states in agricultural income, and higher than eight states' incomes combined.<sup>2</sup> It ranks 6th in the state for total production value.<sup>1</sup>

\$3,483,933,000

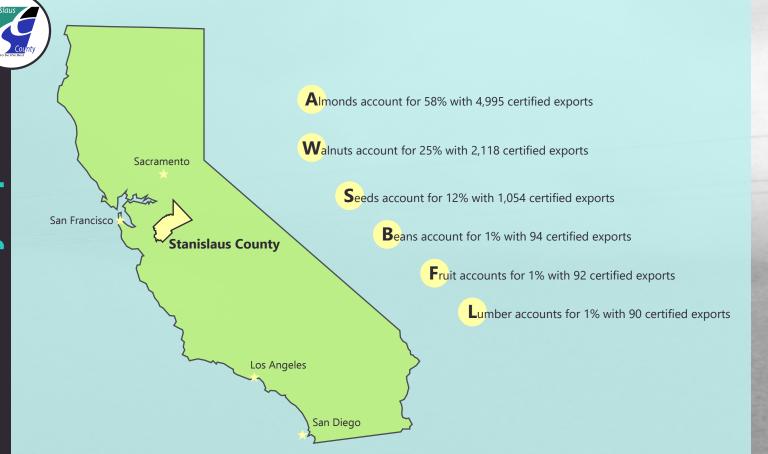
<sup>1 2014 - 2015</sup> California Agricultural Statistics Review 2 USDA Economic Research Service

<sup>3 2012</sup> Census of Agriculture 4 Stanislaus County Assessor's Office





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#### Asia Algeria Japan Indonesia **Hong Kong** Korea, Republic of Morocco **Turkey** Pakistan **United Arab Philippines Emirates** Iraq China Iran, Islamic Viet Nam Republic of Saudi Arabia Bahrain Jordan Syrian Arab **Thailand** Republic Sri Lanka Taiwan Israel Oman India Qatar Lebanon Yemen Brunei Darussalam Malaysia Singapore Tajikistan Kuwait Afghanistan

# Australia Australia French Polynesia New Zealand

# Mexico Guatemala Canada Costa Rica Dominican Republic Panama Honduras Jamaica Barbados Trinidad and Tobago El Salvador Belize Nicaragua

90
South America
Brazil
Argentina
Chile
Peru
Ecuador
ALCOHOL:
Colombia
Uruguay
Bolivia, Plurinational
State of
Venezuela, Bolivarian
Republic of

Guyana

	-Europe	
Spain (	Poland	Cyprus
		Cyprus
Germany	Austria	Hungary
Netherlands	Estonia	Ireland /
Italy	Romania	Latvia 👢
France	Bosnia and	Albania
United Kingdom	Herzegovina	Armenia
Switzerland	Croatia	Lithuania
Belgium	Czech Republic	Malta
Greece	Finland	Slovenia
Sweden	Azerbaijan	Uzbekistar
Denmark	Georgia	
Portugal	Ukraine	
Norway	Bulgaria	
		_

Africa
South Africa
Egypt
Sudan
Tunisia
Libya
Kenya
Mauritius
Burkina Faso
Ethiopia
Zimbabwe

Note: The top 9 destinations (in **bold**), compose 56% of county certified exports.

## **Stanislaus County at a Glance**

Population: 531,997 <sup>1</sup>

Population %: 92% Urban, 8% Rural<sup>2</sup>

Size: 1,494.5 Square Miles 1

People per Square Mile: 356 <sup>1</sup>

Water Area: 20.9 Square Miles <sup>2</sup>

Neighboring Counties: 1

North: San Joaquin

East: Calaveras, Tuolumne, Mariposa

South: Merced

West: Santa Clara, Alameda

Incorporated Cities: Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock, Waterford

Major Educational Institutions: Modesto Jr. College, California State University, Stanislaus

Major Rivers: Stanislaus, Tuolumne, San Joaquin

Major Highways: Highway 99, Interstate 5, Highway 120, Highway 108, Highway 132, Highway 33

State Parks & Recreational Areas: Henry W. Coe, Turlock Lake

Wildlife Refuges: San Joaquin River National Wildlife Refuge

County Regional Parks: Woodward Reservoir, Modesto Reservoir, Frank Raines, La Grange, Laird

#### Rain Records<sup>3</sup>

Lowest rainfall season total: 4.30" (1913) Highest rainfall season total: 26.01" (1983) Average seasonal rainfall: 12.19"









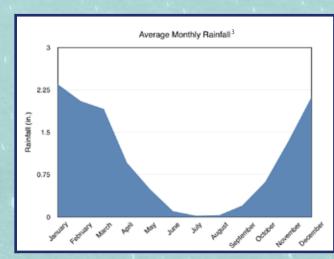


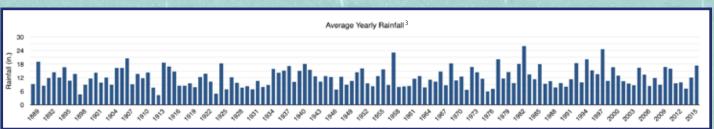












1 www.CensusReporter.org

2 www.City-Data.com

3 Modesto Irrigation District





Mediterranean Fruit Fly
Traps Deployed: 439
Crops Affected:
Walnut, tomato, apple, almond, plum,
peach, nectarine, pear, grape, citrus, fig,
pomegranate, and olive

#### **Pest Detection &**

To protect the agricultural and horticultural industries in Stanislaus County, 6,019 traps were placed to monitor for specific insects. Some of the traps use an insect pheromone to attract the insect into the trap, while some use a food bait and others use a



Oriental Fruit Fly
Traps Deployed: 439
Crops Affected:
Apple, citrus, cucumber, fig, grape, pear, pomegranate, stone fruit, tomato, and walnut



Melon Fruit Fly
Traps Deployed: 224
Crops Affected:
Peach, orange, bean, tomato, cucumber, apple, cantaloupe, grape, pear, and watermelon



Mexican Fruit Fly
Traps Deployed: 221
Crops Affected:
Apple, apricot, citrus, pear, plum, peach, nectarine, and pomegranate



Gypsy Moth
Traps Deployed: 204
Crops Affected:
Most trees



Light Brown
Apple Moth
Traps Deployed: 439
Crops Affected:
Alfalfa, almond, apple, berries, broccoli, citrus, corn, grape, olive, stone fruit, and tomatoes



European Grapevine Moth Traps Deployed: 25 Crops Affected: Grapes and spurge laurel



## **Emergency Projects 2015**

color attractant. About 73% of traps are in residential yards, 25% in nurseries and 2% in vineyards/orchards. Trapping allows for the early detection of invasive and destructive pests that would be detrimental to our economy, the environment, and public health.



Japanese Beetle Traps Deployed: 204 Crops Affected: Turf and roses



Vine Mealybug Traps Deployed: 49 Crops Affected: Grapes



**Asian Citrus Psyllid** Traps Deployed: 1700 **Crops Affected:** 



**Glassy-Winged Sharpshooter** Traps Deployed: 1898 Crops Affected: Grape, almond, peach, and citrus (vector for Pierce's Disease)



Apple Maggot Traps Deployed: 59 **Crops Affected:** Stone and pome fruit



**European Corn Borer** . Traps Deployed: 8 **Crops Affected:** Corn, potatoes, oat, green beans, and rhubarb



as well as natural habitats - dangerous to children, pets, the elderly, and wildlife



**Red Imported Fire Ant** Traps Deployed: 110 **Crops Affected:** Infests agricultural and residential settings,

#### **PEST EXCLUSION**

- Interior Pest Exclusion- enforcement of quarantines, inspection of packages, phytosanitary certification of exports
- Exterior Pest Exclusion-enforcement of quarantines for materials subject to infestation that have crossed into California with a Stanislaus County destination
- Nursery and Seeds-licensing, pest cleanliness inspections, registration and certification, truth in labeling and quality, soil and plant laboratory permitting

#### PEST DETECTION

- Early detection of insect pests
- Administering specific "action plans" for unwanted agricultural pests
- Maintaining properly trained and equipped pest detection teams

#### PEST ERADICATION

- Local government liaison to CDFA after pest species discovered
- Eradication of particular pest species

#### PEST MANAGEMENT

- Managing nuisance pests of agriculture and human health
- Programs include: Ground squirrels, capeweed, etc.

#### PESTICIDE USE ENFORCEMENT

- Provides for the proper, safe, and effective use of pesticides for agricultural production and protection of public health and safety
- Prohibiting, regulating or ensuring proper stewardship of pesticides for environmental protection
- Ensuring safe working conditions, use of proper protective equipment and training for employees working with or around pesticides
- Pesticide use reporting, incident investigations, outreach activities, and monitoring applications

#### **SEED CERTIFICATION**

- Inspect retail and wholesale seed sellers
- Obtain samples for seed germination and purity testing
- Labeling inspections for compliance with state requirements
- Certification services for growers and processors in cooperation with the California Crop Improvement Association

#### **NURSERY INSPECTION**

• Inspections of growing, propagation, production and sale sites of nursery stock to assure cleanliness from pests, true variety and vigorous, healthy plants for sale to the consumer

# FRUITS, NUTS AND VEGETABLE STANDARDIZATION

- Compliance of California's minimum standards for quality and marketing produce commercially grown and/or marketed in the state
- Direct Marketing, Certified Producers and Certified Farmers Markets
- Organic law enforcement
- Local protection to growers, marketers and consumers

#### **EGG INSPECTION**

- · Inspection of retailers and packers of eggs
- Enforcement of state and federal health, quality, grade and labeling standards

#### **APIARY INSPECTION**

- Registration and site location of honeybee colonies in the county
- · Colony strength and health inspections

#### **CROP STATISTICS**

- Annual crop report regarding the gross production and value of the county's commodities
- Agriculture disaster surveys used by other agencies offering disaster relief

Greg Brockman

Cristina Galvan

**Hector Rodriguez** 

Amy Lomeli

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Department of the Agricultural Commissioner/Sealer of Weights and Measures

**Agricultural Commissioner/Sealer of Weights & Measures**Milton O'Haire

Assistant Agricultural Commissioner/Sealer

Daniel Bernaciak

**Deputy Agricultural Commissioner/Sealer** 

Chris de Nijs Wendy Hahn Steve Logan Kelle Schroeder

Agricultural/Weights & Measures Inspectors

Marline AzevedoAngela BatesArpinder BrarMary CancholaGerardo CastanedaMelanie FisherHarinder GrewalDeana GuerreroRichard HomerForrest MearesIsaiah PaganiKim ReedAmit SandhuCarolyn SizemoreBecky Van Cleave

**Information and Technology** 

Sue Boelk Nathan Leon Michael Welch

Jhalendra Rijal

**Administrative Staff** 

Susan Azevedo Bertha Castillo Cassy Costa Ramona Cunningham Michael Sise Debby Tochez Debbie Wohld

**Seasonal Agricultural Assistants** 

Gay Allard-Johnson Sandra Blevins Matias Calderon **Evelyn Barber** Susan Conyers George Gold **Becky Graham** Jose Hernandez Michael McFall Alexa Ladd Trina Lagier **Drew Lemos** Vickie Meeks Danielle Mitchell Eva Padilla Rafael Ramirez **Charles Smith** Ron Varnell Max Wilson Devin Thompson

**University of California Cooperative Extension** 

**County Director** 

Terri Spezzano

**Farm Advisors**Theresa Becchetti Marsha Campbell Roger Duncan Jennifer Heguy

**4-H Youth Development Program** 

JoAnn Ratto

**Ed Perry** 

**Nutrition, Family & Consumer Sciences Programs** 

Mais Alhamdani Dodi Bridges Dennis Carrasquilla Liz Carrillo Stephanie Martinez Amanda Punzalan Rosalinda Ruiz Jaci Westbrook

**Administrative & Agricultural Assistants Staff** 

Yolanda Cruz Kim Delucchi Daniel Green Racquel Gomez
Marie Harter Natalie Lopez



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