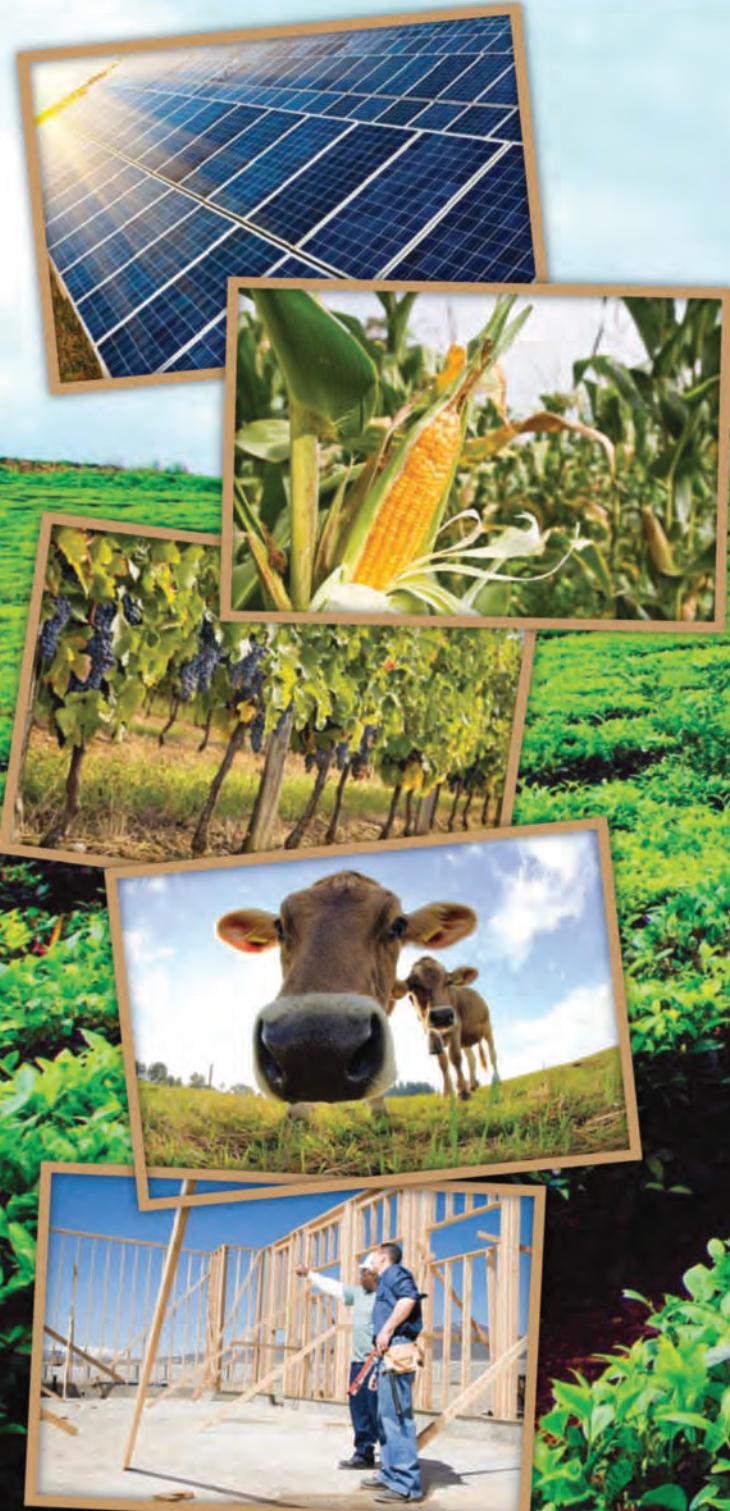


# Tulare County Crop and Livestock Report 2016



# Tulare County: It Does a Business Good!



- A leader in national agricultural production
- The top dairy production in the nation - \$1.6 billion – 2016 milk production
- Streamlined & Simplified permitting
- Central location between three major ports: Long Beach, Oakland, and Stockton
- Easy highway & railroad accessibility
- Abundant supply of sites and buildings
- Talented, skilled, and young workforce

Begin Exploring Tulare County Opportunities at [www.TulareCountyEconomicDevelopment.org](http://www.TulareCountyEconomicDevelopment.org)

## Tulare County

ECONOMIC DEVELOPMENT OFFICE  
5961 South Mooney Boulevard, Visalia, California 93277  
Office (559) 624-7000 • Fax (559) 730-2653





# Tulare County Agricultural Commissioner/Sealer

Marilyn Kinoshita, Agricultural Commissioner  
Sealer of Weights and Measures  
Tom Tucker, Assistant  
Commissioner/Sealer

Karen Ross, Secretary  
California Department of Food and Agriculture

September 2017

and

The Honorable Board of Supervisors  
County of Tulare

Pete Vander Poel, Chairman  
Kuyler Crocker Mike Ennis

Steve Worthley Amy Shuklian

Michael Spata – County Administrative Officer

It is my pleasure to submit the 2016 Tulare County Annual Crop and Livestock Report. The report is produced in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code, and summarizes the acreage, production, and value of Tulare County's agricultural commodities. The figure contained herein represents gross returns to the producer, and do not reflect actual net profit.

Tulare County's total gross production value for 2016 is **\$6,370,121,600**. This represents a decrease of \$610,856,200 or 8.8% below 2015's value of \$6,980,977,800.

Milk continues to be the leading agricultural commodity in Tulare County; with a total gross value of \$1,645,572,000 a decrease of \$72,429,000 or 4.2%. Milk represents 25.8% of the total crop and livestock value for 2016. Total milk production in Tulare County remained relatively stable. Livestock and Poultry's gross value of \$742,060,000 represents a decrease of 27.4% below 2015, mostly due to lower per unit value for cattle and a decrease in the head count of poultry.

The total value of all Field Crops production was \$520,553,000, a decrease of 36.5% from the previous year. The loss was mostly attributed to a decrease in price per ton and reduced acreage. Fruit and Nut commodities were valued at \$3,288,076,000, representing an increase of 1.0%. Our Nursery Stock category saw an increase in Ornamental Trees & Shrubs of 9.7%, valued at \$46,391,000. As a whole, Nursery Products decreased by 0.5% compared to 2015. While California is currently in a drought, the majority of these products are sent to other states. Vegetable Crops were valued at \$26,315,000, representing a 5.7% increase. Harvested vegetable acreage decreased by 469 acres while price increased in processing Broccoli and Cucumbers compared to 2015.

Tulare County's agricultural strength is based on the diversity of the crops produced. The 2016 report covers more than 120 different commodities, 45 of which have a gross value in excess of \$1,000,000. Although individual commodities may experience difficulties from year to year, Tulare County continues to produce high-quality crops that provide food and fiber to more than 90 countries throughout the world.

I wish to express my sincere appreciation to the many producers, processors, and agencies, both private and public, which have supported our efforts in producing this report. I wish to thank the many farmers, ranchers and businesses that have cooperated in providing the information required for this report. I would also like to thank my staff for their dedication in compiling the information for this report. Without their hard work and valuable input, the publication of this report would not have been possible.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Marilyn Kinoshita".

Marilyn Kinoshita

## Agricultural Commissioner/Sealer of Weights & Measures

Marilyn Kinoshita

## Assistant Agricultural Commissioner/Sealer

Tom Tucker

## Deputy Agricultural Commissioner/Sealer

David Case

Jonathan Bixler

## Supervising Agricultural & Standards Inspectors

Scott Cornett      Page Berquist      Marianna Gentert

Rafael Garcia, Jr.

Christopher Greer

## Agricultural Integrated Pest Management Specialist

R. Dennis Haines

## Agricultural & Standards Enforcement Officer

Nicole Motley

## Agricultural & Standards Inspectors

Kemine Alarcon

Samuel Conant

Johnny Godinez

Lea Pereira

Danielle Sepeda

Emeded Ambriz

Garrett Cooper

Claudia Holt

Tyler Pereira

Antionatte Shipman

William Best

Ashley Correia

Tesfaye Jimma

Melissa Porter

Michelle Stanley

Daniel Bigham

Shea Cosart

Kelly Legrand

Juan Rangel

Curt Steggall

Richard Bramer II

Kristyna Cotta

Gary Mann

Daniel Ray

Nicole Steggall

Judith Brant

Jacob Davis

Jeffery Merritt

Allison Renzi

Jason Taylor

Steven Brown

Andrew Ferguson

Craig Mills

Rhonda Rico

Bart Van Dyk

Roger Burtner

Carl French

Martin Munoz

Daniel Rios-Romo

Ben Yosako

Christina Camara

Marissa Garside

Melissa Partin

Stoney Savage Jr

Maxim Yu

## Department Secretary

Rhonda Bond

## Accountant III

Nancy Vernon

## Administrative Aides

Beatris Isais

Clorinda Perez

Melissa Scheffel

## Office Assistants

MaryAnne Albert

Vicky Jimenez

Marcie McQuay

Rachel Taylor

Sylene Tensley

## Extra Help Inspector Aides & Pest Detection Trappers

Alexander Banouvong

James Hand

Steven Kampen

Maria Partin

Kevin Tipton

Laura Bauman

Lew Huddleston

James Landrum

Rolando Rodriguez

Roberto Tristan

Peppard Burns

Jeannette Ireland

Teri Lewis

Merrill Ross

Edwin Yamamoto

Vanessa Cabrera

Cindy Johnson

Jon McGill

Michael Serpa

Jasmine Amaral Gonzales

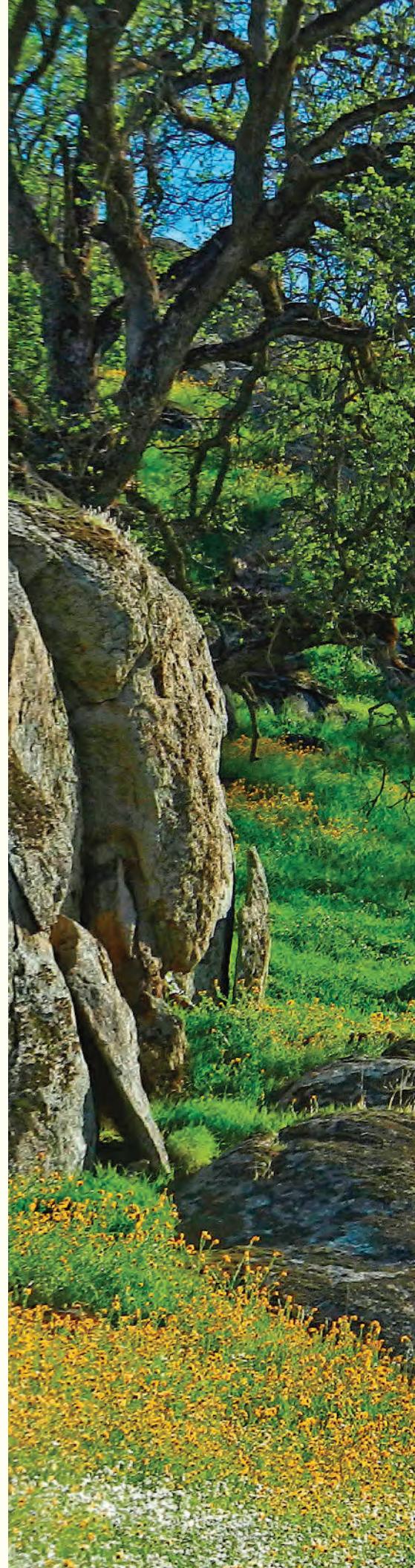
Katrina Jones

Eusebio Perez, Jr.

Robert Smith

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## PERMANENT PLANTING ACREAGE

Commodity	Bearing Acreage	Non-Bearing Acreage	Total Acreage
<b>CITRUS</b>			
Grapefruit & Pomelos	1,740	54	1,794
Lemons	7,190	1,760	8,950
Navels	78,800	1,760	80,560
Valencias	14,900	13	14,913
Tangerines & Tangelos <sup>a</sup>	22,100	3,760	25,860
Other Citrus <sup>b</sup>	113	66	179
<b>Total Citrus</b>	<b>124,843</b>	<b>7,413</b>	<b>132,256</b>
<b>DECIDUOUS &amp; GRAPES</b>			
Almonds	60,900	6,280	67,180
Apples	69	0	69
Apricots	613	0	613
Avocados	218	0	218
Blueberries	1,450	617	2,067
Cherries	2,480	753	3,233
Grapes			
Raisin	11,300	58	11,358
Table	35,600	3,580	39,180
Wine	9,940	122	10,062
Kiwifruit	1,850	479	2,329
Nectarines	9,260	100	9,360
Olives	10,700	72	10,772
Peaches			
Cling	1,220	15	1,235
Freestone	11,300	297	11,597
Pears & Asian Pears	205	0	205
Pecans	894	660	1,554
Persimmons	892	172	1,064
Pistachios	60,800	6,120	66,920
Plums & Pluots	8,540	141	8,681
Pomegranates	2,960	35	2,995
Prunes-Dried Plums	3,100	61	3,161
Quince	110	0	110
Walnuts	42,000	2,820	44,820
Miscellaneous <sup>c</sup>	86	0	86
<b>Total Grapes</b>	<b>56,840</b>	<b>3,760</b>	<b>60,600</b>
<b>Total Orchard Crops</b>	<b>219,647</b>	<b>18,622</b>	<b>238,269</b>
<b>Grand Total</b>	<b>401,330</b>	<b>29,795</b>	<b>431,125</b>

<sup>a</sup> Includes Tangor

<sup>b</sup> Includes Citron, Kumquat, and Lime

<sup>c</sup> Includes Chestnuts, Figs, Guava, and Jujubes

## FIELD CROPS

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Alfalfa - Hay	2016	56,800	7.85	446,000	Ton	154.00	68,684,000
	2015	60,500	9.78	592,000	Ton	170.00	100,640,000
- Silage <sup>a</sup>	2016	X	12.00	682,000	Ton	38.00	25,916,000
	2015	X	17.80	1,077,000	Ton	60.00	64,620,000
Barley - Grain	2016	6,500	1.87	12,200	Ton	182.00	2,220,000
	2015	6,820	2.25	15,300	Ton	400.00	6,120,000
Beans - Dry	2016	11,400	1.27	14,500	Ton	888.00	12,876,000
	2015	8,500	1.54	13,100	Ton	991.00	12,982,000
Corn - Grain	2016	5,300	4.94	26,200	Ton	208.00	5,450,000
	2015	5,610	5.60	31,400	Ton	333.00	10,456,000
- Silage	2016	158,000	26.00	4,108,000	Ton	44.00	180,752,000
	2015	158,000	30.80	4,866,000	Ton	56.00	272,496,000
Cotton - Lint <sup>b</sup>	2016	13,600	1,670.00	45,900	Bale	98.10	22,514,000
	2015	9,860	1,630.00	32,500	Bale	110.00	17,875,000
- Seed	2016	X	X	18,300	Ton	271.00	4,959,000
	2015	X	X	12,800	Ton	334.00	4,275,000
Hay - other <sup>c</sup>	2016	22,000	3.38	74,400	Ton	93.00	6,919,000
	2015	28,000	2.93	82,000	Ton	130.00	10,660,000
Pasture & Rangeland	2016	93,000	X	X	Acre	291.00	27,063,000
- Irrigated	2015	93,000	X	X	Acre	176.00	16,368,000
- Native	2016	615,000	X	X	Acre	20.00	12,300,000
	2015	615,000	X	X	Acre	23.00	14,145,000
- Other	2016	63,000	X	X	Acre	40.00	2,520,000
	2015	63,000	X	X	Acre	40.00	2,520,000
Silage - Small Grain <sup>d</sup>	2016	239,000	18.50	4,422,000	Ton	25.50	112,761,000
	2015	287,000	20.10	5,769,000	Ton	39.00	224,991,000
Sudan Grass <sup>e</sup>	2016	11,400	4.15	47,300	Ton	77.00	3,642,000
	2015	15,200	2.98	45,300	Ton	136.00	6,161,000
Wheat - Grain	2016	23,000	2.42	55,700	Ton	227.00	12,644,000
	2015	37,100	3.50	130,000	Ton	240.00	31,200,000
Miscellaneous <sup>f</sup>	2016	21,100	X	X	X	X	19,333,000
	2015	24,600	X	X	X	X	24,206,000
<b>TOTAL</b>	<b>2016</b>	<b>1,339,100</b>				\$ 520,553,000	
	<b>2015</b>	<b>1,412,190</b>				\$ 819,715,000	

<sup>a</sup> Green weight basis

<sup>b</sup> Yield per acre in pounds lint; production total in 495 lbs net weight bales; unit value in dollars per lint hundred weight

<sup>c</sup> Includes Oat Hay and Wheat Hay

<sup>d</sup> Includes Barley, Oat, Sorghum, Triticale, and Wheat

<sup>e</sup> Sudan Grass reported as hay

<sup>f</sup> Includes Bean screenings, Safflower, Oat Grain, Garbanzo, Corn for Human Consumption, Sorghum Grain, and Straw

Tulare County saw a decrease of over \$299,162,000 overall value, primarily due to decreased production per acre and lower prices per ton.

## FRUIT & NUT CROPS

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Almonds - Meats	2016	60,900	1.09	66,400	Ton	4,400.00	292,160,000
	2015	45,300	0.95	43,000	Ton	7,250.00	311,750,000
- Hulls	2016	X	X	133,000	Ton	73.00	9,709,000
	2015	X	X	86,100	Ton	130.00	11,193,000
Apricots	2016	613	13.80	8,460	Ton	1,320.00	11,167,000
	2015	758	8.04	6,090	Ton	2,720.00	16,565,000
Blueberries - Fresh	2016	1,450	5.93	8,300	Ton	5,420.00	44,986,000
	2015	1,410	6.77	8,130	Ton	4,530.00	36,829,000
- Processed	2016	X	X	303	Ton	1,710.00	518,000
	2015	X	X	1,420	Ton	1,820.00	2,584,000
Cherries	2016	2,480	2.25	5,580	Ton	4,620.00	25,780,000
	2015	2,220	1.78	3,950	Ton	4,450.00	17,578,000
Grapes - Total	2016	56,840	X	X	X	X	600,200,000
	2015	51,160	X	X	X	X	643,621,000
Raisin Varieties	2016	11,300	12.00	X	X	X	X
	2015	12,300	11.20	X	X	X	X
- Canned	2016	X	X	17,600	Ton	558.00	9,821,000
	2015	X	X	17,500	Ton	525.00	9,188,000
- Crushed <sup>a</sup>	2016	X	X	7,320	Ton	207.00	1,515,000
	2015	X	X	6,950	Ton	204.00	1,418,000
- Dried <sup>b</sup>	2016	X	X	11,200	Ton	1,100.00	12,320,000
	2015	X	X	2,580	Ton	1,600.00	4,128,000
- Fresh	2016	X	X	43,700	Ton	1,200.00	52,440,000
	2015	X	X	101,000	Ton	1,410.00	142,410,000
Table Varieties	2016	35,600	11.10	X	X	X	X
	2015	30,000	11.80	X	X	X	X
- Crushed	2016	X	X	46,400	Ton	195.00	9,048,000
	2015	X	X	28,500	Ton	174.00	4,959,000
- Fresh	2016	X	X	350,000	Ton	1,340.00	469,000,000
	2015	X	X	325,000	Ton	1,350.00	438,750,000
Wine Varieties Crushed <sup>c</sup>	2016	9,940	15.30	152,000	Ton	303.00	46,056,000
	2015	8,860	16.30	144,000	Ton	297.00	42,768,000
Grapefruit - Fresh <sup>d</sup>	2016	1,740	11.50	20,000	Ton	859.00	17,180,000
	2015	2,300	16.70	38,400	Ton	707.00	27,149,000
Kiwifruit	2016	1,850	13.90	25,700	Ton	1,780.00	45,746,000
	2015	1,880	16.00	30,100	Ton	1,930.00	58,093,000
Lemons - Fresh	2016	7,190	13.00	93,500	Ton	1,260.00	117,810,000
	2015	7,850	10.10	79,300	Ton	1,120.00	88,816,000
Nectarines - Fresh	2016	9,260	8.49	78,600	Ton	1,470.00	115,542,000
	2015	9,170	7.98	73,200	Ton	1,620.00	118,584,000

<sup>3</sup> Almost 6,300 acres of new almond plantings are not reflected in the production statistics yet, but yields will grow in future annual reports.



## FRUIT & NUT CROPS

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Olives	2016	10,700	3.23	34,600	Ton	1,150.00	39,790,000
	2015	9,040	4.71	42,600	Ton	1,050.00	44,730,000
Oranges - Navel	2016	78,800	15.50	988,000	Ton	665.00	657,020,000
	2015	72,700	15.50	872,000	Ton	705.00	614,760,000
- Processed	2016	X	X	233,000	Ton	125.00	29,125,000
	2015	X	X	253,000	Ton	89.00	22,517,000
Oranges - Valencia	2016	14,900	20.70	188,000	Ton	666.00	125,208,000
	2015	14,300	21.60	239,000	Ton	689.00	164,671,000
- Processed	2016	X	X	120,000	Ton	227.00	27,240,000
	2015	X	X	69,300	Ton	248.00	17,186,000
Peaches - Cling	2016	1,220	20.30	24,800	Ton	496.00	12,301,000
	2015	1,180	14.00	16,500	Ton	460.00	7,590,000
Peaches - Freestone	2016	11,300	8.35	67,500	Ton	1,340.00	90,450,000
	2015	10,900	10.30	87,000	Ton	1,800.00	156,600,000
- Processed	2016	X	X	26,900	Ton	465.00	12,508,000
	2015	X	X	24,800	Ton	405.00	10,044,000
Pears & Asian Pears	2016	205	18.60	3,810	Ton	1,510.00	5,753,000
	2015	294	3.45	1,010	Ton	1,280.00	1,293,000
Pecans	2016	894	1.50	1,340	Ton	5,000.00	6,700,000
	2015	997	0.87	867	Ton	4,170.00	3,615,000
Persimmons	2016	892	9.42	8,400	Ton	1,260.00	10,584,000
	2015	936	10.40	9,730	Ton	1,730.00	16,833,000
Pistachio Nuts	2016	60,800	1.28	77,800	Ton	4,360.00	339,208,000
	2015	51,700	0.64	33,100	Ton	6,290.00	208,199,000
Plums & Pluots	2016	8,540	9.59	81,900	Ton	1,260.00	103,194,000
	2015	8,830	5.70	50,300	Ton	1,480.00	74,444,000
Pomegranates	2016	2,960	3.79	11,200	Ton	671.00	7,515,000
	2015	4,850	7.50	36,400	Ton	1,100.00	40,040,000
Prunes - Dried Plums <sup>e</sup>	2016	3,100	7.17	22,200	Ton	1,650.00	36,630,000
	2015	3,270	2.37	7,750	Ton	2,540.00	19,685,000
Quince	2016	110	8.18	900	Ton	2,150.00	1,935,000
	2015	98	7.27	712	Ton	2,090.00	1,488,000
Tangerines <sup>f</sup>	2016	22,100	8.77	194,000	Ton	1,770.00	343,380,000
	2015	24,700	8.20	203,000	Ton	1,490.00	302,470,000
Walnuts	2016	42,000	1.83	76,900	Ton	1,790.00	137,651,000
	2015	36,500	1.85	67,500	Ton	2,920.00	197,100,000
Miscellaneous <sup>g</sup>	2016	709	X	X	X	X	21,086,000
	2015	845	X	X	X	X	18,359,000
<b>TOTAL</b>	2016	401,553				\$	3,288,076,000
	2015	363,188				\$	3,254,386,000

<sup>a</sup> Includes green weight raisins for distillery materials and juice pack

<sup>b</sup> Combined value reflecting free and reserve tonnage

<sup>c</sup> Wine varieties for juice are included in Miscellaneous

<sup>d</sup> Includes Pomelos and Hybrids

<sup>e</sup> Yield is dry weight basis

<sup>f</sup> Includes Mandarins, Tangelos, Tangor, and Seedless Varieties

<sup>g</sup> Includes Avocados, Apples, Bushberries, Citron, Chestnuts, Figs, Guava, Juice Grapes, Jujubes, Kumquat, Limes, Processed Grapefruit, Processed Lemons, Processed Tangerines, and Strawberries

Fruit & Nut Crops saw an increase of more than \$33,000,000 in production value for 2016. Most of the increase can be attributed to the increase of harvested acres of navel oranges, walnuts, and pistachios.



## VEGETABLE CROPS

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Broccoli - Processed	2016	556	7.25	4,030	Ton	640.00	2,579,000
	2015	863	6.99	6,030	Ton	550.00	3,316,000
Cucumbers	2016	66	6.40	422	Ton	1600.00	675,000
	2015	83	7.50	622	Ton	640.00	398,000
Sweet Corn	2016	387	5.31	2,050	Ton	536.00	1,099,000
	2015	212	4.38	929	Ton	800.00	743,000
Miscellaneous <sup>a</sup>	2016	2,800	X	X	X	X	21,962,000
	2015	3,120	X	X	X	X	20,435,000
<b>TOTAL</b>	2016	<b>3,809</b>				\$	<b>26,315,000</b>
	2015	<b>4,278</b>				\$	<b>24,892,000</b>

<sup>a</sup> Includes Assorted Peppers, Beans- Succulent, Cabbage, Cactus, Daikon, Cauliflower, Cilantro, Collards, Eggplant, Gourds, Herbs, Kale, Lettuce, Melon-Cantaloupe, Melons-Assorted, Mustard, Onions, Peas, Potatoes, Pumpkins, Spinach, Squash, Tomatillos, Tomatoes (Fresh and Processed), Turnips, Watermelon, and Zucchini



Vegetable Crops saw an increase of more than \$1,400,000 in total value. Tulare County had an 82.5% increase of sweet corn harvested acreage and an increase of \$960 per unit for cucumbers.

# NURSERY PRODUCTS

Crop	Year	Production Quantity Sold	Unit	Value Per Unit	Total
Citrus & Subtropical	2016	1,761,000	Each	8.19	14,423,000
Trees	2015	1,885,000	Each	9.33	17,587,000
Deciduous Fruit & Nut	2016	339,000	Each	13.70	4,644,000
Trees	2015	433,000	Each	12.60	5,456,000
Grape & Berry Vines	2016	2,542,000	Each	2.70	6,863,000
	2015	3,017,000	Each	3.10	9,353,000
Ornamental Trees &	2016	4,705,000	Each	9.86	46,391,000
Shrubs	2015	4,241,000	Each	9.97	42,283,000
Miscellaneous <sup>a</sup>	2016	X	X	X	3,297,000
	2015	X	X	X	1,323,000
<b>TOTAL</b>	<b>2016</b>			\$	<b>75,618,000</b>
	<b>2015</b>			\$	<b>76,002,000</b>

<sup>a</sup>Includes Citrus (Buds, Cuttings, Scions, Seedlings), Christmas Trees, Cut Flowers, Foliage Plants, Irises, Landscape Olive Trees, Turf, and Vegetable Flats

Nursery products had a mixed year of lower quantities shipped and varying prices.



# APIARY PRODUCTS

Crop	Year	Production Total	Unit	Value Per Unit	Total
Honey - Orange <sup>a</sup>	2016	9,608,000	Pound	2.26	21,714,000
	2015	7,112,000	Pound	2.50	17,780,000
- Other	2016	960,000	Pound	1.96	1,882,000
	2015	1,050,000	Pound	2.00	2,100,000
Beeswax	2016	100,000	Pound	3.38	338,000
	2015	87,500	Pound	3.69	323,000
Pollination <sup>b</sup>	2016	209,000	Colony	153.00	31,977,000
	2015	207,000	Colony	132.00	27,324,000
<b>TOTAL</b>	<b>2016</b>			\$	<b>55,911,000</b>
	<b>2015</b>			\$	<b>47,527,000</b>

<sup>a</sup> From bee colonies registered in Tulare County during the 2016 citrus bloom period

<sup>b</sup> Estimated number of colonies required for adequate pollination



## SEED CROPS

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Cotton – Foundation, Registered & Certified <sup>a</sup>	2016	75	X	98	Ton	271.00	26,600
	2015	119	X	155	Ton	334.00	51,800
Miscellaneous <sup>b</sup>	2016	1,054	X	X	X	X	1,507,000
	2015	513	X	X	X	X	545,000
<b>TOTAL</b>	<b>2016</b>	<b>1,054</b>				\$	<b>1,533,600</b>
	<b>2015</b>	<b>513</b>				\$	<b>596,800</b>

<sup>a</sup> Not included in total acreage for "Seed Crops"

<sup>b</sup> Includes Wheat, Cowpea, Triticale, Oat, Onion, Lettuce, Broccoli, Cabbage and Carrot seed.

A 157% increase in value for seed production was attributed to an increase in harvested acres of miscellaneous products, specifically wheat.



## INDUSTRIAL CROPS

Crop	Year	Production Total	Unit	Value Per Unit	Total
Timber harvested	2016	3,314,000	Board Ft.	0.059	196,000
	2015	2,819,000	Board Ft.	0.073	206,000
Miscellaneous <sup>a</sup>	2016	X	X	X	1,755,000
	2015	X	X	X	2,000,000
<b>TOTAL</b>	<b>2016</b>			\$	<b>1,951,000</b>
	<b>2015</b>			\$	<b>2,206,000</b>

<sup>a</sup> Includes Almond Shells, Biomass, and Firewood



## LIVESTOCK & POULTRY

Crop	Year	No. of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle & Calves	2016	635,000	X	Head	1,040.00	660,400,000
	2015	636,000	X	Head	1,480.00	941,280,000
Sheep & Lambs	2016	21,900	2,179,000	Pound	1.59	3,465,000
	2015	21,600	2,145,000	Pound	1.44	3,089,000
Poultry <sup>a</sup>	2016	13,475,000	84,649,000	Pound	0.79	66,873,000
	2015	14,709,000	78,833,000	Pound	0.83	65,431,000
Miscellaneous <sup>b</sup>	2016	X	X	X	X	11,322,000
	2015	X	X	X	X	12,820,000
<b>TOTAL</b>						<b>742,060,000</b>
						<b>1,022,620,000</b>

<sup>a</sup> Includes Chicken Fryers, Ducks, Fryer Chicks, Game Birds, Pullet Chicks, and Turkeys.

<sup>b</sup> Includes Aquaculture, Beneficial Organisms, Goats, Mutton, and Hogs.

Livestock production in Tulare County decreased by 27.4% in overall value. This was attributed to low cattle prices and fewer birds produced.

## LIVESTOCK & POULTRY PRODUCTS

Crop	Year	Production Total	Unit	Value Per Unit	Total
Manure <sup>a</sup>	2016	2,612,000	Ton	4.19	10,944,000
	2015	2,679,000	Ton	5.01	13,422,000
Milk - Market	2016	110,157,000	Cwt.	14.90	1,641,339,000
	2015	111,962,000	Cwt.	15.30	1,713,019,000
- Manufacturing	2016	255,000	Cwt.	16.60	4,233,000
	2015	288,000	Cwt.	17.30	4,982,000
Miscellaneous <sup>b</sup>	2016	X	X	X	1,588,000
	2015	X	X	X	1,610,000
<b>TOTAL</b>					<b>\$1,658,104,000</b>
					<b>\$1,733,033,000</b>

<sup>a</sup> Includes Dairy and Poultry Manure

<sup>b</sup> Includes Turkey Hatching Eggs, Chicken Eggs (Market & Hatching), Goat Milk, and Wool

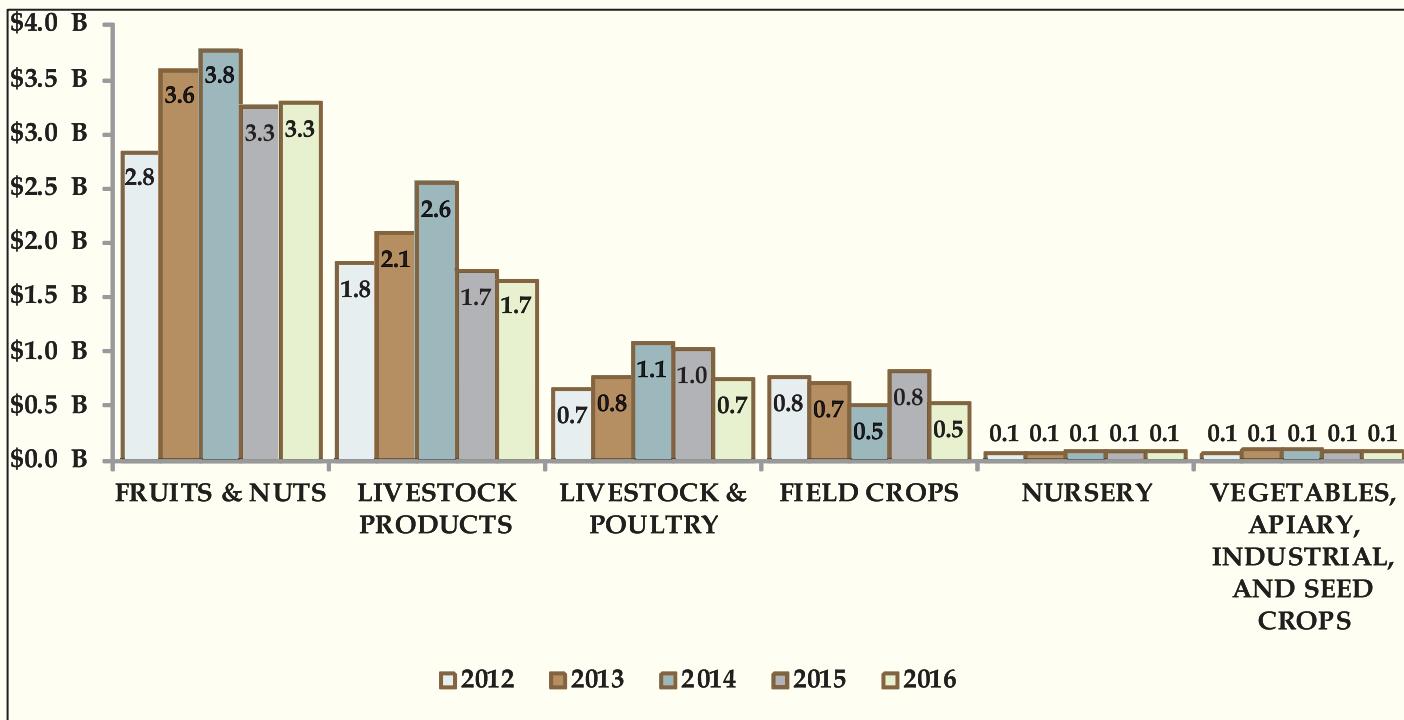
Both milk volume and price were lower in 2016, leading to a drop of 4.2% in overall production value.



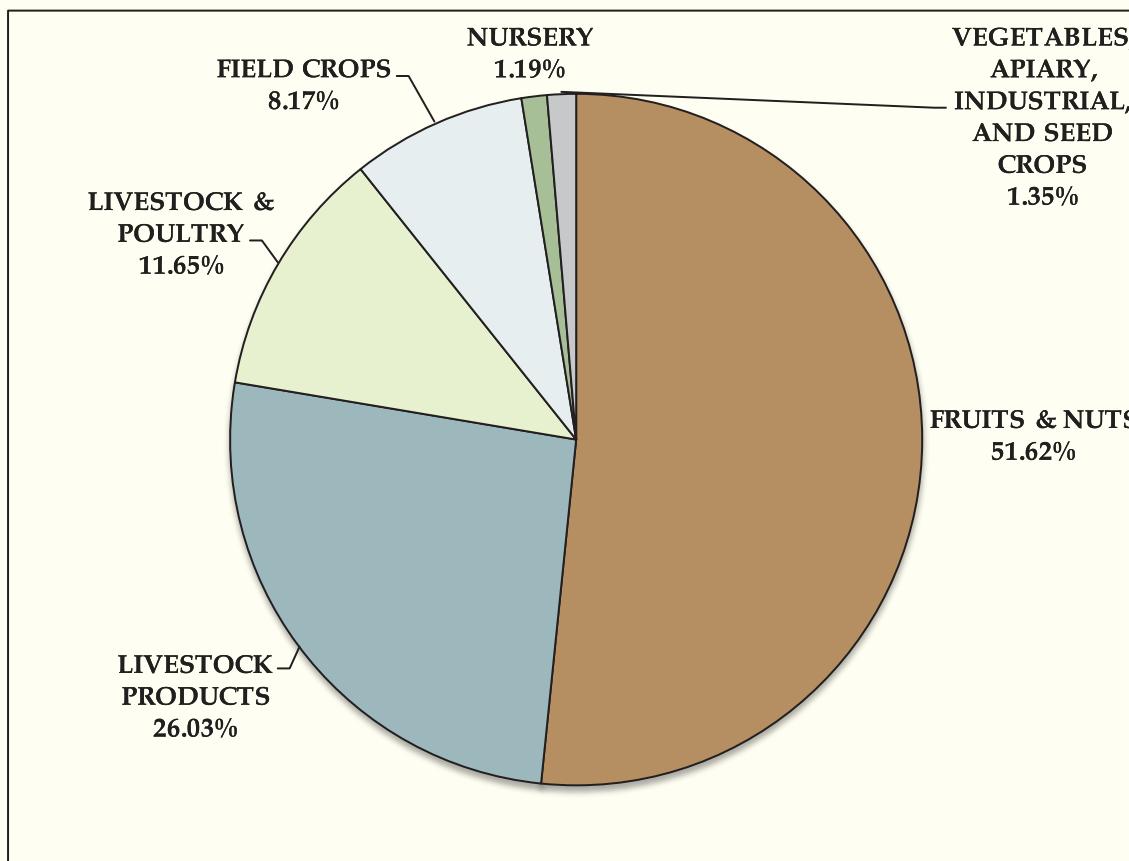
## Summary

Commodity	Year	Harvested Acreage	Value
Field Crops	2016	1,339,100	\$520,553,000
	2015	1,412,190	\$819,715,000
Fruit & Nut Crops	2016	401,553	\$3,288,076,000
	2015	363,188	\$3,254,386,000
Vegetable Crops	2016	3,809	\$26,315,000
	2015	4,278	\$24,892,000
Nursery Products	2016	X	\$75,618,000
	2015	X	\$76,002,000
Apiary Products	2016	X	\$55,911,000
	2015	X	\$47,527,000
Seed Crops	2016	1,054	\$1,533,600
	2015	513	\$596,800
Industrial Crops	2016	X	\$1,951,000
	2015	X	\$2,206,000
Livestock & Poultry	2016	X	\$742,060,000
	2015	X	\$1,022,620,000
Livestock & Poultry Products	2016	X	\$1,658,104,000
	2015	X	\$1,733,033,000
Grand Total	2016	1,745,516	\$6,370,121,600
	2015	1,780,169	\$6,980,977,800

## FIVE YEAR CATEGORY COMPARISON



## 2016 CATEGORY COMPARISON



# MILLION DOLLAR PRODUCTS

<b>2016 Ranking</b>	<b>Commodity</b>	<b>Total Value</b>	<b>2015 Ranking</b>
1	Milk	\$ 1,645,572,000	1
2	Oranges - Navels & Valencias	\$ 838,593,000	3
3	Cattle & Calves	\$ 660,400,000	2
4	Grapes	\$ 600,200,000	4
5	Tangerines - Fresh	\$ 343,380,000	6
6	Pistachio Nuts	\$ 339,208,000	9
7	Almonds Meats & Hulls	\$ 301,869,000	5
8	Corn - Grain & Silage	\$ 186,202,000	7
9	Walnuts	\$ 137,651,000	10
10	Lemons - Fresh	\$ 117,810,000	14
11	Nectarines - Fresh	\$ 115,542,000	13
12	Peach Cling & Freestone	\$ 115,259,000	11
13	Silage - Small Grain	\$ 112,761,000	8
14	Plums & Pluots	\$ 103,194,000	15
15	Alfalfa - Hay & Silage	\$ 94,600,000	12
16	Poultry	\$ 66,873,000	16
17	Nursery - Ornamental Trees & Shrubs	\$ 46,391,000	19
18	Kiwifruit	\$ 45,746,000	17
19	Blueberries	\$ 45,504,000	21
20	Pastureland & Rangeland	\$ 41,883,000	22
21	Olives	\$ 39,790,000	18
22	Prunes	\$ 36,630,000	28
23	Pollination	\$ 31,977,000	24
24	Cotton Lint & Seed	\$ 27,499,600	26
25	Cherries	\$ 25,780,000	30
26	Honey	\$ 23,596,000	27
27	Grapefruit- Fresh	\$ 17,180,000	25
38	Nursery - Citrus & Subtropical Trees	\$ 14,423,000	29
29	Beans - Dry	\$ 12,876,000	34
30	Wheat - Grain	\$ 12,644,000	23
31	Apricots	\$ 11,167,000	32
32	Manure	\$ 10,944,000	33
33	Persimmons	\$ 10,584,000	31
34	Pomegranates	\$ 7,515,000	20
35	Hay - Other	\$ 6,919,000	35
36	Nursery - Grape & Berry Vines	\$ 6,863,000	36
37	Pecans	\$ 6,700,000	40
38	Pears & Asian Pears	\$ 5,753,000	45
39	Nursery - Deciduous Fruit & Nut Trees	\$ 4,644,000	39
40	Sudan Grass	\$ 3,642,000	37
41	Sheep & Lambs	\$ 3,465,000	42
42	Broccoli	\$ 2,579,000	41
43	Barley - Grain	\$ 2,220,000	38
44	Quince	\$ 1,935,000	43
45	Sweet Corn	\$ 1,099,000	Unranked

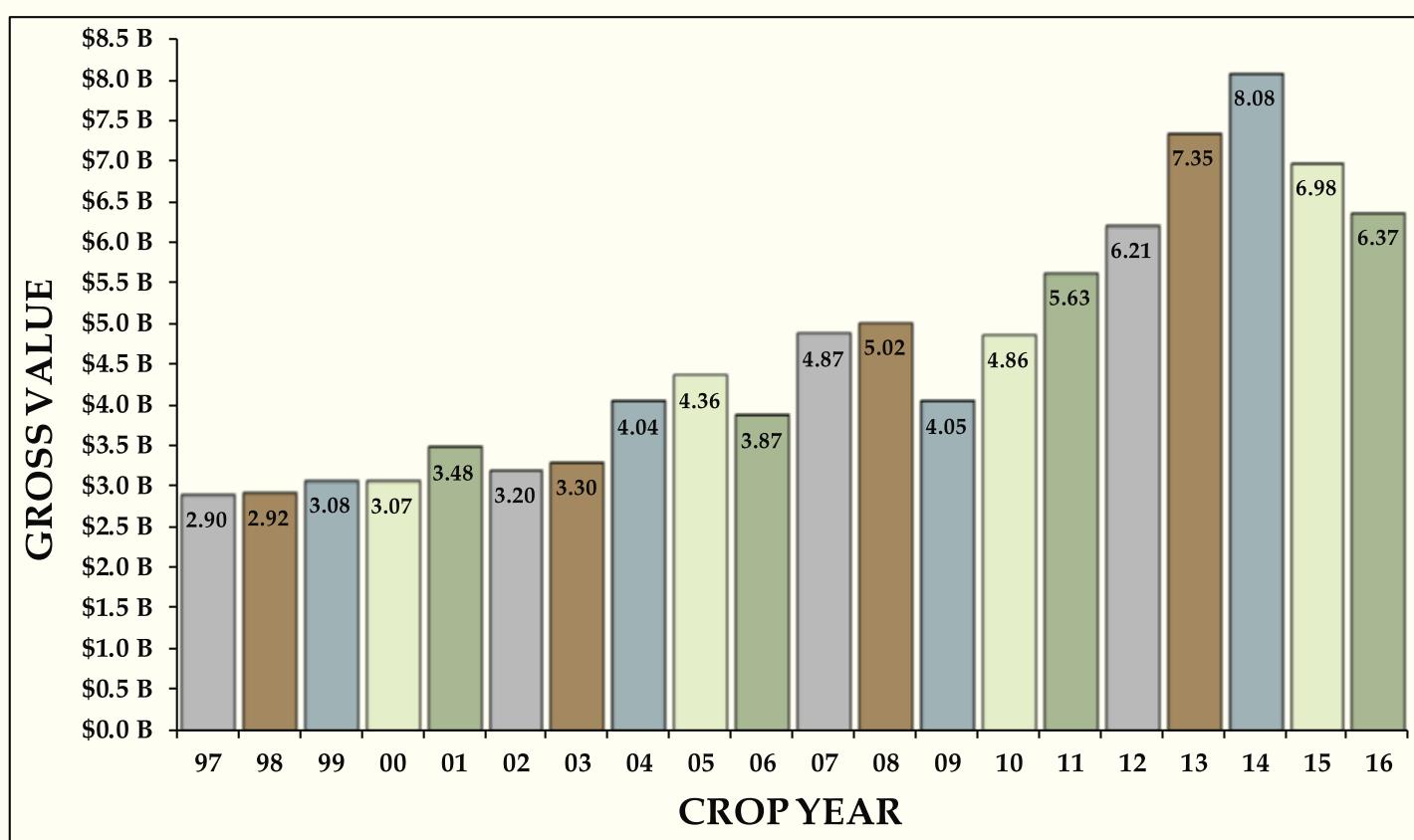
# LEADING EXPORT COUNTRIES

Rank	Country	Cartons	Rank	Country	Cartons
1	Korea, Republic of	6,462,469	39	Panama	51,743
2	China	5,418,167	40	Brazil	51,563
3	Japan	4,499,572	41	Guadeloupe	51,465
4	Mexico	2,602,482	42	Nicaragua	50,120
5	Taiwan	2,113,534	43	Turkey	45,069
6	Hong Kong	1,756,161	44	Russian Federation	38,988
7	Australia	1,190,349	45	Pakistan	26,840
8	Philippines	1,016,159	46	South Africa	25,154
9	Malaysia	756,698	47	Martinique	24,176
10	Netherlands	636,714	48	Bangladesh	19,480
11	Canada	590,145	49	Fiji	18,975
12	Indonesia	511,371	50	Bulgaria	13,149
13	New Zealand	494,611	51	Poland	12,320
14	Viet Nam	468,433	52	Sri Lanka	10,902
15	India	435,569	53	Kuwait	9,888
16	Belgium	414,871	54	Cambodia	8,750
17	Guatemala	394,256	55	Jordan	8,228
18	Thailand	289,950	56	Brunei Darussalam	8,064
19	Israel	258,146	57	Norway	5,520
20	Germany	242,009	58	Ireland	5,482
21	United Arab Emirates	215,374	59	Myanmar	5,417
22	France	191,725	60	Argentina	5,280
23	Spain	184,006	61	French Polynesia	5,238
24	Costa Rica	180,067	62	French Guiana	4,426
25	Dominican Republic	179,116	63	Portugal	4,200
26	El Salvador	171,892	64	Bahrain	4,087
27	United Kingdom	152,067	65	Greece	3,360
28	Singapore	133,913	66	Cyprus	3,200
29	Peru	117,926	67	Bosnia and Herzegovina	2,946
30	Honduras	117,337	68	Georgia	1,760
31	Chile	104,364	69	Lithuania	1,760
32	Ecuador	94,417	70	Macedonia, Former Yugc	1,680
33	Italy	91,050	71	Denmark	1,440
34	Luxembourg	86,240	72	Iraq	1,200
35	Colombia	80,171	73	Lebanon	1,200
36	Switzerland	77,718	74	New Caledonia	1,050
37	Saudi Arabia	63,103	75	Guyana	900
38	Trinidad and Tobago	60,451			

# TWENTY-YEAR COMPARISON OF AGRICULTURE VALUE IN TULARE COUNTY 1997 - 2016

<b>1997</b>	<b>\$ 2,900,892,000</b>	<b>2007</b>	<b>\$ 4,874,039,000</b>
<b>1998</b>	<b>\$ 2,919,528,800</b>	<b>2008</b>	<b>\$ 5,018,022,800</b>
<b>1999</b>	<b>\$ 3,078,369,000</b>	<b>2009</b>	<b>\$ 4,046,447,700</b>
<b>2000</b>	<b>\$ 3,068,684,200</b>	<b>2010</b>	<b>\$ 4,863,705,000</b>
<b>2001</b>	<b>\$ 3,475,999,600</b>	<b>2011</b>	<b>\$ 5,629,396,000</b>
<b>2002</b>	<b>\$ 3,201,084,900</b>	<b>2012</b>	<b>\$ 6,210,693,000</b>
<b>2003</b>	<b>\$ 3,296,522,000</b>	<b>2013</b>	<b>\$ 7,346,922,000</b>
<b>2004</b>	<b>\$ 4,039,524,000</b>	<b>2014</b>	<b>\$ 8,084,672,400</b>
<b>2005</b>	<b>\$ 4,362,738,000</b>	<b>2015</b>	<b>\$ 6,980,977,800</b>
<b>2006</b>	<b>\$ 3,872,059,700</b>	<b>2016</b>	<b>\$ 6,370,121,600</b>

## TULARE COUNTY TWENTY-YEAR COMPARISON



# TULARE COUNTY SUSTAINABLE AGRICULTURE

## County Biological Control

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Program Scope</u>
Ash Whitefly <i>Siphoninus phillyreae</i>	Parasitic Wasp <i>Encarsia inaron</i> Ladybird Beetle <i>Cleitostethus arcuatus</i>	Upon demand Upon demand
Comstock Mealybug <i>Pseudococcus comstocki</i>	Parasitic Wasps <i>Pseudoaphycus malinus</i> <i>Allotropa burrelli</i>	Upon demand
Cottony-Cushion Scale <i>Icerya purchasi</i>	Parasitic Fly <i>Cryptochetum iceryae</i> Vedalia Beetle <i>Rodolia cardinalis</i>	Upon demand Upon demand
Italian Thistle <i>Carduus pycnocephalus</i>	Seedhead Weevil <i>Rhinocylus conicus</i>	2 sites
Milk Thistle <i>Silybum marianum</i>	Seedhead Weevil <i>Rhinocylus conicus</i>	Upon demand
Mulberry Whitefly <i>Tetraneurodes mori</i>	Ladybird Beetle <i>Delphastus dejavu</i>	Upon demand
Puncture Vine <i>Tribulus terrestris</i>	Seed & Stem Weevils <i>Microlarinus lareynii</i> <i>Microlarinus lypriformis</i>	Upon demand
Russian Thistle <i>Salsola australis</i>	Casebearer Moth <i>Coleophora klimeschiella</i>	Upon demand
Yellow Star Thistle <i>Centaurea solstitialis</i>	Flowerhead Bud Weevil <i>Bangasternus orientalis</i> Flower Weevil <i>Larinus curtus</i> Hairy Weevil* <i>Eustenopus villosus</i> Peacock Fly <i>Chaetorellia succinea</i> Yellow Star Gall Fly <i>Urophora sirunaseva</i>	Upon demand 2 sites 1 site Upon demand Upon demand

\*Also provided insect agents to other out-of-county agencies.

# COUNTY PEST DETECTION

<u>Target Pest</u>	<u>Number of Traps</u>	<u>Host Crop</u>
Asian Citrus Psyllid	3,180	Citrus Trees
European Corn Borer	10	Corn/Sorghum
European Grapevine Moth	2,204	Grapevines
European Pine Shoot Moth	9	Pines
General Fruit Fly	522	Fruit Trees
Glassy-Winged Sharpshooter	7,032	Various Trees & Shrubs
Gypsy Moth	202	Shade Trees
Japanese Beetle	148	Turf & Flowers
Khapra Beetle	0	Stored Food Products
Light Brown Apple Moth	464	Various Trees & Shrubs
Mediterranean Fruit Fly	466	Fruit Trees
Melon Fruit Fly	339	Vegetables
Mexican/Caribbean Fruit Flies	305	Fruit Trees
Oriental Fruit Fly	466	Fruit Trees



## County Pest Exclusion

### Pest Rejections

Federally Prohibited Plants  
Improper Markings  
Live Pests (unspecified)  
Invalid Quarantine Certificate

### Setting

Incoming Shipments  
Incoming Shipments  
Incoming Shipments  
Incoming Shipments

### Program Scope

0 Rejections/Destroyed  
12 Rejections/Destroyed  
2 Rejections/Destroyed  
0 Rejections/Destroyed

## County Pest Eradication

### Pest

Alligatorweed (*Alteranthera philoxeroides*)  
Pink Bollworm (*Pectinophora gossypiella*)  
Scotch Thistle (*Onopordum acanthium*)

### Agent/Mechanism

Mechanical/Chemical Control  
Mechanical/Chemical Control  
Mechanical/Chemical Control

### Program Scope

5,300 Plants  
13,600 Acres  
975 Plants

## 2016 Registered Organic and Certified Producer Farming Statistics

Organic Growers	97
Acres of Organic Cropland	18,871
Organic Packers/Shippers	21
Certified Producers Certificate	158

### Organic Crops

Citrus	2,349 Acres
Grapes	2,210 Acres
Tree Fruits	1,967 Acres
Nuts	781 Acres
Berries	258 Acres
Pomegranates	709 Acres
Vegetables/Melons	225 Acres
Olives	29 Acres
Other	10,343 Acres
<b>Total</b>	<b>18,871 Acres</b>

## **2017 FARMER'S MARKETS**

### **Dinuba Farmer's Market - Dinuba**

"L" Street and Ventura

JUNE - AUGUST

FRIDAYS, 5 P.M. - 9 P.M.

### **Sierra View Medical Center Market**

465 W. Putnam, Porterville

MAY-JUNE

TUESDAYS, 8 A.M. - 11:30 A.M.

JULY-AUGUST

291 N. Main, Porterville

TUESDAYS, 8 A.M. - 11:30 A.M.

### **Visalia Farmer's Market -Visalia**

The "100" blocks of north and south Church

MARCH - SEPTEMBER

THURSDAYS, 5 P.M. - 8 P.M.

### **Visalia Farmer's Market -Visalia**

3501 S. Mooney Blvd.

Sear's parking lot, Visalia

JANUARY - DECEMBER

SATURDAYS, 8 A.M. - 12 P.M.



# Notes

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# Tulare County Agriculture Commissioner Sealer of Weights and Measures



## Pesticide Use Enforcement

Pesticide Use Monitoring for Agricultural & Structural Locations  
Apairy Enforcement  
Agricultural Wildlife Damage Management Investigations  
Fieldworker Safety

## Pest Detection & Exclusion Division

Pest Exclusion  
Pest Detection and Eradication  
Nursery and Seed Inspection  
Botany and Entomology  
Biological Control  
Animal Disease Control  
Weed and Vertebrate Pest Control

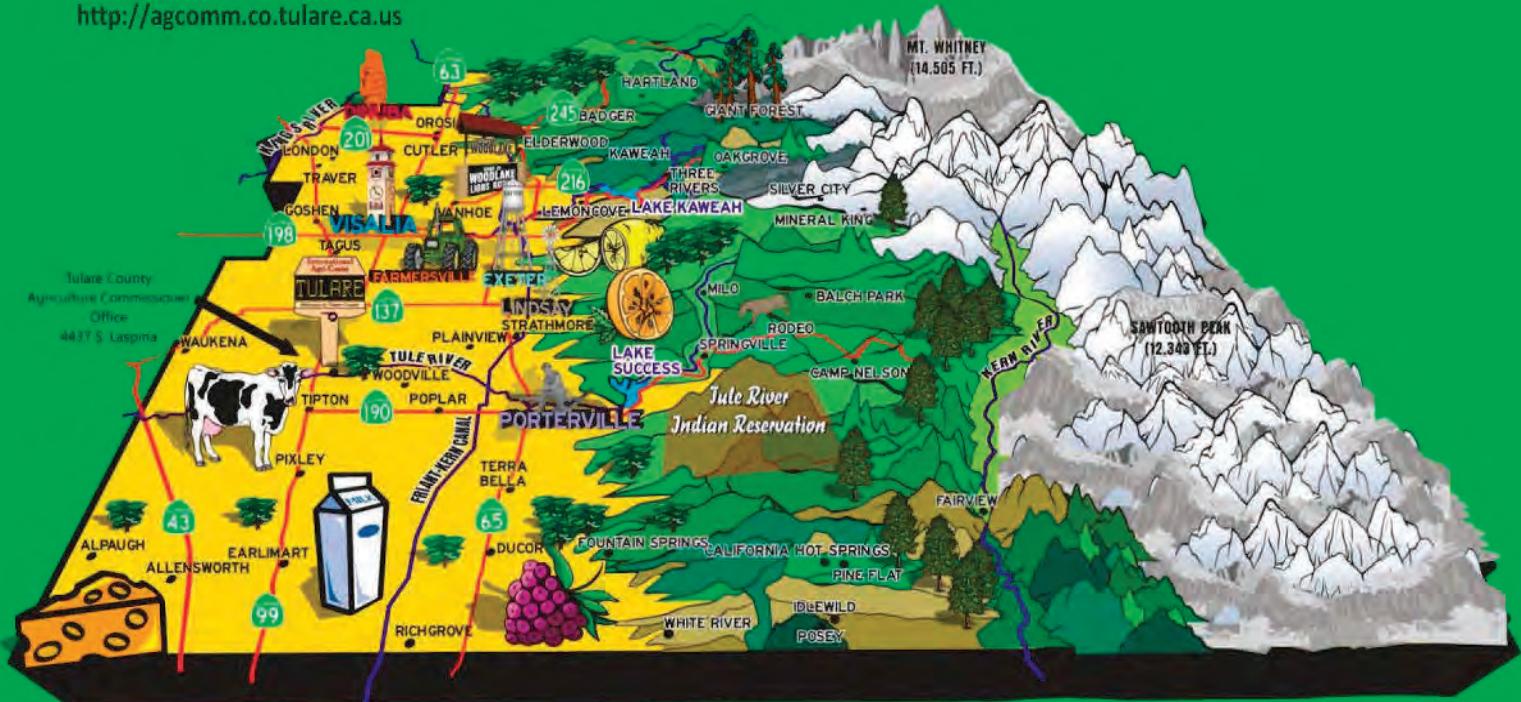
## Agricultural Standardization Division

Fruit & Vegetable Control  
Fruit Maturity  
Freeze Monitoring  
Adverse Weather Effect on Commodities  
Agricultural Statistics and Special Reports

## Weights & Measures Division

Weighing Devices, Measuring Devices  
Quantity Control of Packaged and Bulk Commodities  
Enforce the Quantity, Advertising and Labeling for Petroleum Products  
Weighmaster Enforcement

For additional information go to:  
<http://agcomm.co.tulare.ca.us>



## Tulare County Agricultural Offices

TULARE (Main)	4437 S. Laspina St, Suite A	(559)684-3350
DINUBA (1)	324 W. Tulare Ave, Suite 102	(559)591-5842
DINUBA(2)	324 W. Tulare Ave, Suite 102	(559)591-5855
EXETER	101 W. Pine St.	(559)592-4075
LINDSAY	240 E. Honolulu	(559)562-6025
PORTERVILLE	75 W. Olive, Suite D	(559)782-6811
WOODLAKE	160 S. Valencia Ave., Suite A	(559)564-8320

Photography Courtesy Of: Judy Brant, Ashley Correia, Carl French, Christopher Greer, Dennis Haines, Daniel Ray, Danielle Sepeda, Antionatte Shipman, and Nicole Steggall



**Tulare  
County Line**

