

**2013 TULARE COUNTY
ANNUAL CROP AND
LIVESTOCK REPORT**



In Partnership With You!

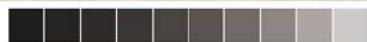


Begin Exploring Tulare County Opportunities

- Leads the nation in agricultural production
\$7.8 billion - 2013 total crop value
- The top dairy production in the nation
\$2.1 billion - 2013 milk production
- Streamlined & Simplified permitting
- Central location between three major ports:
 - *Port of Long Beach - 3.5 hour drive time
 - *Port of Oakland - 3.5 hour drive time
 - *Port of Stockton - 2.6 hour drive time.
- Easy highway & railroad accessibility
- Abundant supply of sites and buildings
- Talented, skilled and young workforce



Contact the County of Tulare
Economic Development Office today!
(559) 624-7000 or visit TulareCountyEconomicDevelopment.org





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

July 2014

and

The Honorable Board of Supervisors
County of Tulare

Phillip Cox, Chairman
Steve Worthley Pete Vander Poel
Mike Ennis Allen Ishida

Jean Rousseau – County Administrative Officer

It is my pleasure to submit the 2013 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 figures contained herein represent gross returns to the producer, and do not reflect actual net profit.

Tulare County's total gross production value for 2013 is **\$7,809,626,000**. This represents an increase of \$1,598,933,000, or 25.7% above 2012's value of \$6,210,693,000.

Milk continues to be the leading agricultural commodity in Tulare County; with a total gross value of \$2,083,354,000, an increase of \$269,538,000 or 14.9%. Milk represents 26.7% of the total crop and livestock value for 2013. Total milk production in Tulare County remained relatively stable. Livestock and Poultry's gross value of \$765,047,000 represents an increase of 15.8% above 2012, mostly due to higher per unit value for all species.

Fruit and Nut commodities were valued at \$4,053,422,000, representing an increase of 43.0%. The majority of this gain was a result of higher prices for nuts and kiwifruit. The total value of all Field Crops was \$715,735,000, a decrease of 6.5% from the previous year. It seems the decrease is due to a shift toward Small Grain Silage Crops, that have a lower per unit value than other field crops. Nursery Products were valued at \$71,451,000 representing an increase of 6.1% from 2012. This increase is a reflection of the slight rebound of the housing market, as the majority of the change came from Ornamental Trees and Shrubs. Vegetable Crops were valued at \$25,758,000 in 2013, representing a 30.8% increase. Harvested vegetable acreage also increased by 397 acres.

Tulare County's agricultural strength is based on the diversity of the crops produced. The 2013 report covers more than 120 different commodities, forty-five 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 83 countries throughout the world.

I wish to express my sincere appreciation to the many producers, processors, and agencies, both private and public, who supported our efforts in producing this report. I would also like to thank all the members of my staff, particularly Lea Pereira, Jacqui Balderas, and Dennis Haines. 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 that reads "Marilyn Kinoshita".

Marilyn Kinoshita
Agricultural Commissioner/Sealer

Agricultural Commissioner/Sealer of Weights & Measures

Marilyn Kinoshita

Assistant Agricultural Commissioner/Sealer

Tom Tucker

Deputy Agricultural Commissioner/Sealer

David Case

Gavin Iacono

Kurt Kilburn

Supervising Agricultural & Standards Inspectors

Scott Cornett

Rafael Garcia, Jr.

Melissa Partin

Agricultural Staff Biologist

R. Dennis Haines

Agricultural & Standards Inspectors

Kemine Alarcon

Page Berquist

Dan Bigham

Roy Fontaine

Drew Borba

Richard Bramer II

Judith Brant

David Brasher

Steve Brown

Roger Burtner

Gabriel Chan

Mindy Clisso

Garrett Cooper

Stephanie Coryell

Shea Cosart

Kristyna Cotta

Andrew Ferguson

Roy Fontaine

Christopher Greer

Ray Grim

Kirk Ingoldsby

Tesfaye Jimma

Lisa Lamb

Kelly LeGrand

Jannelle Malek

Ramphal Mann

Jeffery Merritt

Adam Mierzwnski

Craig Mills

Robert Milner

Nicole Motley

Martin Munoz

Lea Pereira

Luis Ramblas

Rhonda Rico

Salome Ruedas

Marianna Santos

Stoney Savage

Danielle Sepeda

Sean Sliakis

Michelle Stanley

Curt Steggall

Nicole Steggall

Jason Taylor

Bart Van Dyk

Chong Yang

Ben Yosako

Maxim Yu

Extra Help Inspector Aides & Pest Detection Trappers

Alberto Avina-Rojas

Manuel Avina-Rojas

Charles Batchelor

Victor Garcia

David Gould

Charles Henry

Katrina Jones

Steven Kampen

Franklin McGrew

Eusebio Perez, Jr.

Franklin McGrew

Cari O'Dell

Eusebio Perez, Jr.

Robert Rodriguez

Rolando Rodriguez

Merrill Ross

Robert Smith

Deo Tigulo

Kevin Tipton

Ed Yamamoto

Staff Services Analyst

Steven W. Monk

Accountant III

Clifford Ingram

Senior Account Clerk

Patty McCurry

Department Secretary

Colleen Potts

Office Assistants

Elodia Burlingame

Patti Creson

Anita Letsinger

Jessica Lopez

Margie Renfro

Ellen Stafford

Roxanne Terrronez

Administrative Aide

Jacqueline Balderas

Table of Contents

County Acreage-Permanent Planting.....	1
Field Crops.....	2
Fruit and Nut Crops.....	3-4
Vegetable Crops.....	5
Apiary Products.....	5
Nursery Products.....	6
Seed and Industrial Crops.....	7
Livestock and Poultry.....	8
Livestock and Poultry Products.....	8
Summary.....	9
Million Dollar Products.....	10
Export Data.....	11
Twenty-Year Value Comparisons.....	12
Category Comparison.....	13
Annual Sustainable Agriculture.....	14-15



PERMANENT PLANTING ACREAGE



	Bearing Acreage	Non-Bearing Acreage	Total Acreage
CITRUS			
Grapefruit & Pomelos	2,180	112	2,292
Lemons	6,930	421	7,351
Nnavels	76,700	1,130	77,830
Valencias	16,600	49	16,649
Tangerines & Tangelos ^a	13,800	395	14,195
Other Citrus ^b	100	59	159
Total Citrus	116,310	2,166	118,476
DECIDUOUS & GRAPES			
Almonds	38,100	1,880	39,980
Apples	72	0	72
Apricots	767	1	768
Avocados	230	0	230
Blueberries	1,330	1,100	2,430
Cherries	2,520	754	3,274
Grapes			
Raisin	16,600	27	16,627
Table	34,700	1,710	36,410
Wine	10,900	591	11,491
Kiwifruit	2,450	9	2,459
Nectarines	11,400	231	11,631
Olives	12,300	226	12,526
Peaches			
Cling	1,310	7	1,317
Freestone	12,200	148	12,348
Pears & Asian Pears	199	0	199
Pecans	856	316	1,172
Persimmons	2,430	239	2,669
Pistachios	41,300	4,080	45,380
Plums & Pluots	10,400	32	10,432
Pomegranates	4,220	43	4,263
Prunes-Dried Plums	3,450	61	3,511
Quince	128	0	128
Walnuts	36,500	1,390	37,890
Miscellaneous ^c	35	9	44
Total Grapes	62,200	2,328	64,528
Total Orchard Crops	182,197	10,526	192,723
Grand Total	360,707	15,020	375,727

^a Includes Tangor

^b Includes Citron, Kumquat, and Lime

^c Includes Chestnuts, Figs, Guava, and Jujubes

Nearly all permanent planting crops are gaining acreage. Many of these bearing acres may still be young and not producing nearly as much as mature plantings are. There is a highly visible shift around Tulare County from Field Crops to Permanent Plantings.

FIELD CROPS



Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Alfalfa - Hay	2013	82,200	8.75	719,000	Ton	233.00	167,527,000
	2012	101,000	8.42	850,000	Ton	217.00	184,450,000
- Silage ^a	2013	X	2.20	121,000	Ton	66.70	8,071,000
	2012	X	3.96	267,000	Ton	57.80	15,433,000
Barley - Grain	2013	6,470	2.60	16,800	Ton	238.00	3,998,000
	2012	5,050	2.00	10,100	Ton	264.00	2,666,000
Beans - Dry	2013	8,180	1.64	13,400	Ton	1030.00	13,802,000
	2012	9,140	1.68	15,400	Ton	1050.00	16,170,000
Corn - Grain	2013	9,340	6.98	65,200	Ton	237.00	15,452,000
	2012	12,800	6.00	76,800	Ton	272.00	20,890,000
- Silage	2013	166,000	28.00	4,648,000	Ton	51.80	240,766,000
	2012	160,000	29.00	4,640,000	Ton	52.00	241,280,000
Cotton - Lint ^b	2013	16,700	1740.00	58,200	Bale	95.00	27,369,000
	2012	20,400	1700.00	70,400	Bale	89.00	31,119,000
- Seed	2013	X	X	23,300	Ton	395.00	9,204,000
	2012	X	X	28,100	Ton	368.00	10,341,000
Hay - other ^c	2013	19,900	2.11	42,000	Ton	90.00	3,780,000
	2012	X	X	X	X	X	X
Pasture & Rangeland	2013	93,000	X	X	Acre	235.00	21,855,000
- Irrigated	2012	93,000	X	X	Acre	162.00	15,066,000
- Native	2013	615,000	X	X	Acre	18.00	11,070,000
	2012	615,000	X	X	Acre	18.00	11,070,000
- Other	2013	70,100	X	X	Acre	25.00	1,753,000
	2012	76,300	X	X	Acre	25.00	1,908,000
Silage - Small Grain ^d	2013	186,000	18.50	3,441,000	Ton	43.40	149,339,000
	2012	168,000	17.00	2,856,000	Ton	42.00	119,952,000
Sudan Grass	2013	12,200	2.64 ^e	32,200	Ton	130.00	4,186,000
	2012	13,600	16.1 ^f	219,000	Ton	34.20	7,490,000
Wheat - Grain	2013	22,300	2.75	61,300	Ton	280.00	17,164,000
	2012	44,800	3.85	172,000	Ton	265.00	45,580,000
Miscellaneous ^g	2013	37,400	X	X	X	X	20,399,000
	2012	29,000	X	X	X	X	42,425,000
TOTAL	2013	1,344,790				\$ 715,735,000	
	2012	1,348,090				\$ 765,840,000	

^a Green weight basis

^b Yield per acre in pounds lint; production total in 495 lbs net weight bales; unit value in dollars per lint hundred weight

^c Includes Oat Hay and Wheat Hay

^d Includes Barley, Oat, Sorghum, Triticale, and Wheat

^e Sudan Grass reported as hay

^f Sudan Grass reported as green chop

^g Includes Bean screenings, Safflower, Oat Grain, Garbanzo, Corn for Human Consumption, Sorghum Grain, and Straw

From 2012 to 2013 an overall decrease of \$50,105,000 was seen in Field Crops. This 6.5% decrease was mainly due to the shift in acreage to Small Grain Silage, which has a lower per unit value than the other crops. The majority of crops that experienced the decrease in acreage also had an increase in value per unit.

FRUIT & NUT CROPS



Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Almonds - Meats	2013	38,100	1.07	40,800	Ton	6,040.00	246,432,000
	2012	33,800	1.03	34,800	Ton	5,170.00	179,916,000
- Hulls	2013	X	X	74,700	Ton	135.00	10,084,000
	2012	X	X	71,000	Ton	105.00	7,455,000
Apricots	2013	767	5.10	3,910	Ton	1,500.00	5,865,000
	2012	708	4.97	3,520	Ton	1,730.00	6,090,000
Blueberries - Fresh	2013	1,330	2.30	2,070	Ton	5,410.00	11,199,000
	2012	1,340	3.51	4,700	Ton	4,320.00	20,304,000
- Processed	2013	X	X	985	Ton	1,700.00	1,674,000
	2012	X	X	X	Ton	X	X
Cherries	2013	2,520	4.95	12,500	Ton	4,510.00	56,375,000
	2012	2,040	2.81	5,730	Ton	5,320.00	30,484,000
Grapes - Total	2013	62,200	X	X	X	X	984,879,000
	2012	54,360	X	X	X	X	863,043,000
Raisin Varieties	2013	16,600	13.10	X	X	X	X
	2012	15,100	13.10	X	X	X	X
- Canned	2013	X	X	19,600	Ton	371.00	7,272,000
	2012	X	X	17,900	Ton	371.00	6,641,000
- Crushed ^a	2013	X	X	27,700	Ton	260.00	7,202,000
	2012	X	X	19,800	Ton	256.00	5,069,000
- Dried ^b	2013	X	X	14,900	Ton	1,530.00	22,797,000
	2012	X	X	9,560	Ton	1,900.00	18,164,000
- Fresh	2013	X	X	87,300	Ton	1,340.00	116,982,000
	2012	X	X	76,700	Ton	1,440.00	110,448,000
Table Varieties	2013	34,700	16.90	X	X	X	X
	2012	30,000	13.60	X	X	X	X
- Crushed	2013	X	X	60,500	Ton	220.00	13,310,000
	2012	X	X	41,900	Ton	270.00	11,313,000
- Fresh	2013	X	X	526,000	Ton	1,430.00	752,180,000
	2012	X	X	366,000	Ton	1,800.00	658,800,000
Wine Varieties Crushed ^c	2013	10,900	16.20	177,000	Ton	368.00	65,136,000
	2012	9,260	14.80	137,000	Ton	384.00	52,608,000
Grapefruit - Fresh ^d	2013	2,180	12.70	27,700	Ton	607.00	16,814,000
	2012	1,730	13.90	24,000	Ton	566.00	13,584,000
Kiwifruit	2013	2,450	12.50	30,600	Ton	1,710.00	52,326,000
	2012	1,870	3.36	6,280	Ton	843.00	5,294,000
Lemons - Fresh	2013	6,930	12.10	83,900	Ton	894.00	75,007,000
	2012	3,960	12.80	50,700	Ton	958.00	48,571,000
Nectarines - Fresh	2013	11,400	11.80	135,000	Ton	1,740.00	234,900,000
	2012	11,400	8.47	96,600	Ton	1,230.00	118,818,000

Another sharp increase of 43% or a total value of \$1,218,016,000 in the total value was experienced in Fruit and Nut Crops. Nuts and kiwifruit saw a large increase in harvested acreage as well as higher prices in per unit value.



FRUIT & NUT CROPS

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Olives	2013	12,300	4.68	57,600	Ton	1,000.00	57,600,000
	2012	9,690	3.55	34,400	Ton	1,040.00	35,776,000
Oranges - Navels	2013	76,700	15.50	1,028,000	Ton	666.00	684,648,000
	2012	76,100	13.20	753,000	Ton	698.00	525,594,000
- Processed	2013	X	X	164,000	Ton	75.00	12,300,000
	2012	X	X	251,000	Ton	75.00	18,825,000
Oranges - Valencia	2013	16,600	17.40	241,000	Ton	624.00	150,384,000
	2012	17,000	14.90	152,000	Ton	634.00	96,368,000
- Processed	2013	X	X	47,800	Ton	154.00	7,361,000
	2012	X	X	101,000	Ton	140.00	14,140,000
Peaches - Cling	2013	1,310	12.20	16,000	Ton	350.00	5,600,000
	2012	1,150	13.70	15,800	Ton	317.00	5,009,000
Peaches - Freestone	2013	12,200	11.00	96,300	Ton	1,290.00	124,227,000
	2012	11,300	11.80	99,800	Ton	1,320.00	131,736,000
- Processed	2013	X	X	38,400	Ton	297.00	11,405,000
	2012	X	X	33,300	Ton	287.00	9,557,000
Pears & Asian Pears	2013	199	11.80	2,350	Ton	2,980.00	7,003,000
	2012	172	6.06	1,040	Ton	2,670.00	2,777,000
Pecans	2013	856	0.77	659	Ton	3,770.00	2,484,000
	2012	398	1.25	498	Ton	3,500.00	1,743,000
Persimmons	2013	2,430	9.08	22,100	Ton	1,150.00	25,415,000
	2012	891	4.75	4,230	Ton	1,410.00	5,964,000
Pistachio Nuts	2013	41,300	1.33	54,900	Ton	4,940.00	271,206,000
	2012	30,000	1.60	48,000	Ton	4,040.00	193,920,000
Plums & Pluots	2013	10,400	9.97	104,000	Ton	953.00	99,112,000
	2012	10,100	9.26	93,500	Ton	1,140.00	106,590,000
Pomegranates	2013	4,220	0.84	3,540	Ton	1,120.00	3,965,000
	2012	4,740	7.03	33,300	Ton	1,280.00	42,624,000
Prunes - Dried Plums ^e	2013	3,450	5.38	18,600	Ton	1,580.00	29,388,000
	2012	3,080	3.02	9,300	Ton	1,250.00	11,625,000
Quince	2013	128	8.18	1,050	Ton	1,860.00	1,953,000
	2012	80	2.56	205	Ton	2,140.00	439,000
Tangerines ^f	2013	13,800	5.00	69,000	Ton	1,820.00	125,580,000
	2012	15,400	6.03	92,900	Ton	1,510.00	140,279,000
Walnuts	2013	36,500	1.86	67,900	Ton	3,860.00	262,094,000
	2012	28,900	2.02	58,400	Ton	3,170.00	185,128,000
Miscellaneous ^g	2013	734	X	X	X	X	13,438,000
	2012	945	X	X	X	X	13,753,000
TOTAL	2013	360,974					4,053,422,000
	2012	321,154					2,835,406,000

^a Includes green weight raisins for distillery materials and juice pack

^b Combined value reflecting free and reserve tonnage

^c Wine varieties for juice are included in Miscellaneous

^d Includes Pomelos and Hybrids

^e Yield is dry weight basis

^f Includes Mandarins, Tangelos, Tangor, and Seedless Varieties

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

VEGETABLE CROPS & APIARY PRODUCTS

Vegetable Crops

Crop	Year	Harvested	Production	Value			Total
		Acreage	Per Acre	Total	Unit	Per Unit	
Broccoli - Processed	2013	1,050	6.80	7,140	Ton	530.00	3,784,000
	2012	1,100	7.00	7,700	Ton	510.00	3,927,000
Cucumbers	2013	167	2.60	434	Ton	747.00	324,000
	2012	187	3.75	701	Ton	600.00	421,000
Sweet Corn	2013	134	5.00	670	Ton	960.00	643,000
	2012	97	5.00	485	Ton	680.00	330,000
Miscellaneous ^a	2013	3,310	X	X	X	X	21,007,000
	2012	2,880	X	X	X	X	15,022,000
TOTAL	2013	4,661				\$	25,758,000
	2012	4,264				\$	19,700,000

^a 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

The total amount of harvested acreage of Vegetable Crops increased by 397 acres, all per unit prices also showed an increase. Together this lead to an increase in the overall value of \$6,058,000 or 30.8%.



Apiary Products

Crop	Year	Production	Unit	Value	Total
		Total		Per Unit	
Honey - Orange ^a	2013	13,183,000	Pound	3.33	43,899,000
	2012	10,240,000	Pound	1.79	18,330,000
- Other	2013	1,464,000	Pound	3.85	5,636,000
	2012	1,264,000	Pound	3.41	4,310,000
Beeswax	2013	150,000	Pound	3.17	476,000
	2012	100,000	Pound	3.75	375,000
Pollination ^b	2013	215,000	Colony	118.00	25,370,000
	2012	142,000	Colony	114.00	16,188,000
TOTAL	2013			\$	75,381,000
	2012			\$	39,203,000

^a From bee colonies registered in Tulare County during the 2012 citrus bloom period

^b Estimated number of colonies required for adequate pollination

Apiary Products had an increase of \$36,178,000 or 92.3%. While pounds of production and number of colonies were the main cause for this large jump, an increase in honey price also contributed.

NURSERY PRODUCTS



Crop	Year	Production		Value	
		Quantity Sold	Unit	Per Unit	Total
Citrus & Subtropical Trees	2013	1,000,000	Each	10.90	10,900,000
	2012	1,289,000	Each	7.53	9,706,000
Deciduous Fruit & Nut Trees	2013	914,000	Each	9.05	8,272,000
	2012	829,000	Each	8.77	7,270,000
Grape & Berry Vines	2013	2,105,000	Each	4.10	8,630,000
	2012	4,078,000	Each	2.34	9,543,000
Ornamental Trees & Shrubs	2013	4,329,000	Each	9.23	39,957,000
	2012	4,151,000	Each	9.28	38,521,000
Miscellaneous ^a	2013	X	X	X	3,692,000
	2012	X	X	X	2,330,000
TOTAL	2013			\$	71,451,000
	2012			\$	67,370,000

^aIncludes Citrus (Buds, Cuttings, & Scions), Christmas Trees, Cut Flowers, Foliage Plants, Irises, Landscape Olive Trees, Turf, and Vegetable Flats

A 6.1% or \$4,081,000 increase was observed in Nursery Products. Just as permanent planting acreage is increasing so did the units and price of Deciduous Fruit & Nut Trees. Ornamental Trees & Shrubs also experienced an increase in total value of \$1,436,000, this is perhaps indicative of the housing market's slight rebound.



SEED & INDUSTRIAL CROPS



Seed Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Cotton - Foundation, Registered & Certified ^a	2013	2,140	X	2,980	Ton	395.00	1,177,000
Miscellaneous ^b	2012	3,930	X	5,410	Ton	368.00	1,991,000
	2013	650	X	X	X	X	3,597,000
	2012	770	X	X	X	X	663,000
TOTAL	2013	650				\$	4,774,000
	2012	770				\$	2,654,000

^a Not included in total acreage for "Seed Crops"

^b Includes Wheat, Cowpea, Onion and Lettuce seed.

While Registered & Certified Cotton seed decreased by 1,790 acres, there was a huge increase of \$2,934,000 in high dollar Miscellaneous seed. A total overall increase in Seed Crops total value of 79.9% or \$2,120,000.



Industrial Crops

Crop	Year	Production Total	Unit	Value Per Unit	Total
Timber harvested	2013	2,997,000	Board Ft.	0.105	315,000
	2012	2,433,000	Board Ft.	0.088	214,000
Miscellaneous ^a	2013	X	X	X	2,196,000
	2012	X	X	X	1,616,000
TOTAL	2013			\$	2,511,000
	2012			\$	1,830,000

^a Includes Almond Shells, Biomass, and Firewood

Overall Industrial Crops had a 37.2% increase or \$681,000. Nearly everything had a per unit value unit increase as well as an increase in the production total, timber had an increase in production of 23%.

LIVESTOCK & POULTRY

Livestock & Poultry

Crop	Year	No. of Head	Liveweight	Unit	Total Value Per Unit	Total
Cattle & Calves	2013	637,000	X	Head	1,080.00	687,960,000
	2012	595,000	X	Head	970.00	577,150,000
Sheep & Lambs	2013	18,800	1,872,000	Pound	1.08	2,022,000
	2012	19,200	1,827,000	Pound	0.90	1,644,000
Hogs & Pigs	2013	60,300	X	Head	188.00	11,336,000
	2012	100,000	X	Head	153.00	15,300,000
Turkeys	2013	356,000	10,247,000	Pound	0.81	8,300,000
	2012	554,000	16,493,000	Pound	0.72	11,875,000
Miscellaneous ^a	2013	X	X	X	X	55,429,000
	2012	X	X	X	X	54,692,000
TOTAL					\$ 765,047,000	
					\$ 660,661,000	

^a Includes Aquaculture, Beneficial Organisms, Chicken Fryers, Ducks, Fryer Chicks, Game Birds, Goats, Mutton, Pullet Chicks, and Turkey Breeders.

A 15.8% increase or \$104,386,000 was experienced in Livestock and Poultry in 2013. The per unit value for all species increased. While Cattle & Calves were the only group to show an increase in the number of head marketed. This was primarily due to the drier conditions with less feed available and higher prices for rangeland.

Livestock & Poultry Products

Crop	Year	Production		Value	
		Total	Unit	Per Unit	Total
Manure ^a	2013	2,629,000	Ton	4.10	10,779,000
	2012	2,464,000	Ton	1.11	2,735,000
Milk - Market	2013	112,932,000	Cwt.	18.40	2,077,949,000
	2012	112,981,000	Cwt.	16.00	1,807,696,000
- Manufacturing	2013	283,000	Cwt.	19.10	5,405,000
	2012	340,000	Cwt.	18.00	6,120,000
Miscellaneous ^b	2013	X	X	X	1,414,000
	2012	X	X	X	1,478,000
TOTAL				\$ 2,095,547,000	
				\$ 1,818,029,000	

^a Includes Dairy and Poultry Manure

^b Includes Turkey Hatching Eggs, Chicken Eggs (Market & Hatching), Goat Milk, and Wool

Livestock and Poultry products had an increase of 15.3% or \$277,518,000. While the per unit value's listed all show an increase, manure had nearly a 3x increase as the value for "organic" manure is much higher. Market milk, the most common utilization for milk in Tulare County, had an increase of 15.0% or \$270,253,000 even though the production decreased by 49,000 Cwt.

SUMMARY



Commodity	Year	Harvested Acreage	Value
Field Crops	2013	1,344,790	\$715,735,000
	2012	1,348,090	\$765,840,000
Fruit & Nut Crops	2013	360,974	\$4,053,422,000
	2012	321,154	\$2,835,406,000
Vegetable Crops	2013	4,661	\$25,758,000
	2012	4,264	\$19,700,000
Apiary Products	2013	X	\$75,381,000
	2012	X	\$39,203,000
Nursery Products	2013	X	\$71,451,000
	2012	X	\$67,370,000
Seed Crops	2013	650	\$4,774,000
	2012	770	\$2,654,000
Industrial Crops	2013	X	\$2,511,000
	2012	X	\$1,830,000
Livestock &	2013	X	\$765,047,000
Poultry	2012	X	\$660,661,000
Livestock &	2013	X	\$2,095,547,000
Poultry Products	2012	X	\$1,818,029,000
Grand Total	2013	1,711,075	\$7,809,626,000
	2012	1,674,278	\$6,210,693,000

Million Dollar Products

2013 Ranking		Total Value	2012 Ranking
1	Milk	\$ 2,083,354,000	1
2	Grapes	\$ 984,879,000	2
3	Oranges - Navel & Valencia	\$ 854,693,000	3
4	Cattle & Calves	\$ 687,960,000	4
5	Pistachio Nuts	\$ 271,206,000	7
6	Walnuts	\$ 262,094,000	9
7	Almonds - Meats & Hulls	\$ 256,516,000	8
8	Corn - Grain & Silage	\$ 256,218,000	5
9	Nectarines	\$ 234,900,000	13
10	Alfalfa - Hay & Silage	\$ 175,598,000	6
11	Silage - Small Grain	\$ 149,339,000	12
12	Peaches - Cling & Freestone	\$ 141,232,000	10
13	Tangerines - Fresh	\$ 125,580,000	11
14	Plums & Pluots	\$ 99,112,000	14
15	Lemons	\$ 75,007,000	15
16	Olives	\$ 57,600,000	20
17	Cherries	\$ 56,375,000	21
18	Kiwifruit	\$ 52,326,000	37
19	Honey	\$ 49,535,000	23
20	Nursery - Ornamental Trees & Shrubs	\$ 39,957,000	19
21	Cotton - Lint & Seed	\$ 37,750,000	17
22	Pasture & Rangeland	\$ 34,678,000	22
23	Prunes	\$ 29,388,000	30
24	Persimmons	\$ 25,415,000	36
25	Pollination	\$ 25,370,000	25
26	Wheat - Grain	\$ 17,164,000	16
27	Grapefruit - Fresh	\$ 16,814,000	28
28	Beans - Dry	\$ 13,802,000	26
29	Blueberries	\$ 12,873,000	24
30	Hogs & Pigs	\$ 11,336,000	27
31	Nursery - Citrus & Subtropical Trees	\$ 10,900,000	31
32	Manure	\$ 10,779,000	40
33	Nursery - Grape & Berry Vines	\$ 8,630,000	32
34	Turkeys	\$ 8,300,000	29
35	Nursery - Deciduous Fruit & Nut Trees	\$ 8,272,000	34
36	Pears & Asian Pears	\$ 7,003,000	39
37	Apricots	\$ 5,865,000	35
38	Sudan Grass	\$ 4,186,000	33
39	Barley - Grain	\$ 3,998,000	41
40	Pomegranates	\$ 3,965,000	18
41	Broccoli	\$ 3,784,000	38
42	Hay - other	\$ 3,780,000	N/A
43	Pecans	\$ 2,484,000	42
44	Sheep & Lambs	\$ 2,022,000	43
45	Quince	\$ 1,953,000	N/A

Product of Tulare County

Leading Export Countries

Rank	Country	Cartons	Rank	Country	Cartons	Rank	Country	Cartons	Rank	Country	Cartons
1	Republic of Korea	4,549,220	26	Peru	194,448	51	Bahrain	10,184			
2	Mexico	4,336,964	27	Honduras	189,479	52	Brunei Darussalam	8,634			
3	Japan	3,992,773	28	Dominican Republic	150,686	53	Poland	8,240			
4	China	3,941,394	29	Israel	147,314	54	Morocco	8,080			
5	United Arab Emirates	2,320,510	30	France	142,475	55	Bulgaria	7,720			
6	Taiwan	1,869,590	31	Brazil	136,514	56	Fiji	7,431			
7	Australia	1,262,399	32	Spain	134,020	57	Egypt	7,224			
8	Hong Kong	1,154,240	33	Panama	134,013	58	Qatar	6,943			
9	Philippines	1,012,979	34	Italy	114,949	59	Norway	5,980			
10	Canada	741,257	35	United Kingdom	102,695	60	Bosnia and Herzegovina	5,520			
11	New Zealand	699,735	36	Switzerland	100,934	61	Cyprus	5,281			
12	Guatemala	481,224	37	Malaysia	100,429	62	Lithuania	5,280			
13	Vietnam	459,691	38	Belgium	92,734	63	Algeria	5,120			
14	Thailand	450,542	39	Trinidad and Tobago	74,377	64	Portugal	4,948			
15	Indonesia	419,536	40	Cambodia	51,236	65	Lebanon	4,586			
16	Netherlands	400,692	41	Saudi Arabia	46,984	66	Greece	4,165			
17	Costa Rica	335,004	42	Turkey	45,511	67	Jordan	3,810			
18	Germany	319,828	43	Singapore	40,982	68	Aruba	3,449			
19	Colombia	280,844	44	Nicaragua	40,735	69	French Polynesia	3,408			
20	Russian Federation	280,369	45	Bangladesh	36,446	70	Guyana	2,310			
21	India	271,992	46	South Africa	13,605	71	Zambia	1,673			
22	Luxembourg	270,960	47	Bolivarian Republic of Venezuela	12,260	72	Romania	1,640			
23	Ecuador	249,768	48	Kuwait	11,305	73	Ukraine	1,380			
24	Chile	223,437	49	Czech Republic	10,974	74	Denmark	1,260			
25	El Salvador	221,087	50	Slovakia	10,560	75	Nepal	1,015			

Twenty- Year Comparison of Agriculture Value in Tulare County

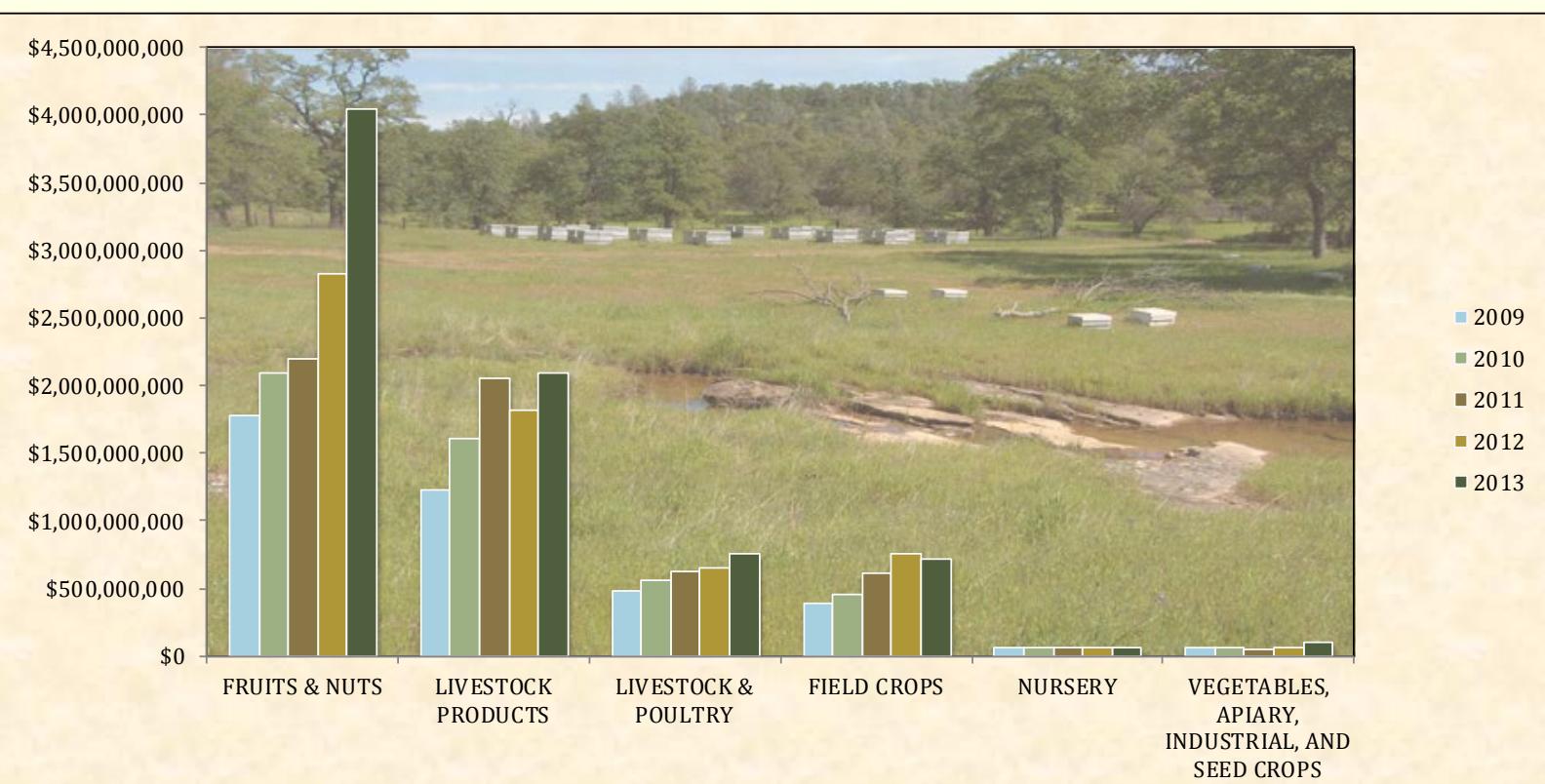
1994 - 2013

1994	\$	2,504,944,000	2004	\$	4,039,524,000
1995	\$	2,611,088,000	2005	\$	4,362,738,000
1996	\$	2,805,452,000	2006	\$	3,872,059,700
1997	\$	2,900,892,000	2007	\$	4,874,039,000
1998	\$	2,919,528,800	2008	\$	5,018,022,800
1999	\$	3,078,369,000	2009	\$	4,046,447,700
2000	\$	3,068,684,200	2010	\$	4,863,705,000
2001	\$	3,475,999,600	2011	\$	5,629,396,000
2002	\$	3,201,084,900	2012	\$	6,210,693,000
2003	\$	3,296,522,000	2013	\$	7,809,626,000

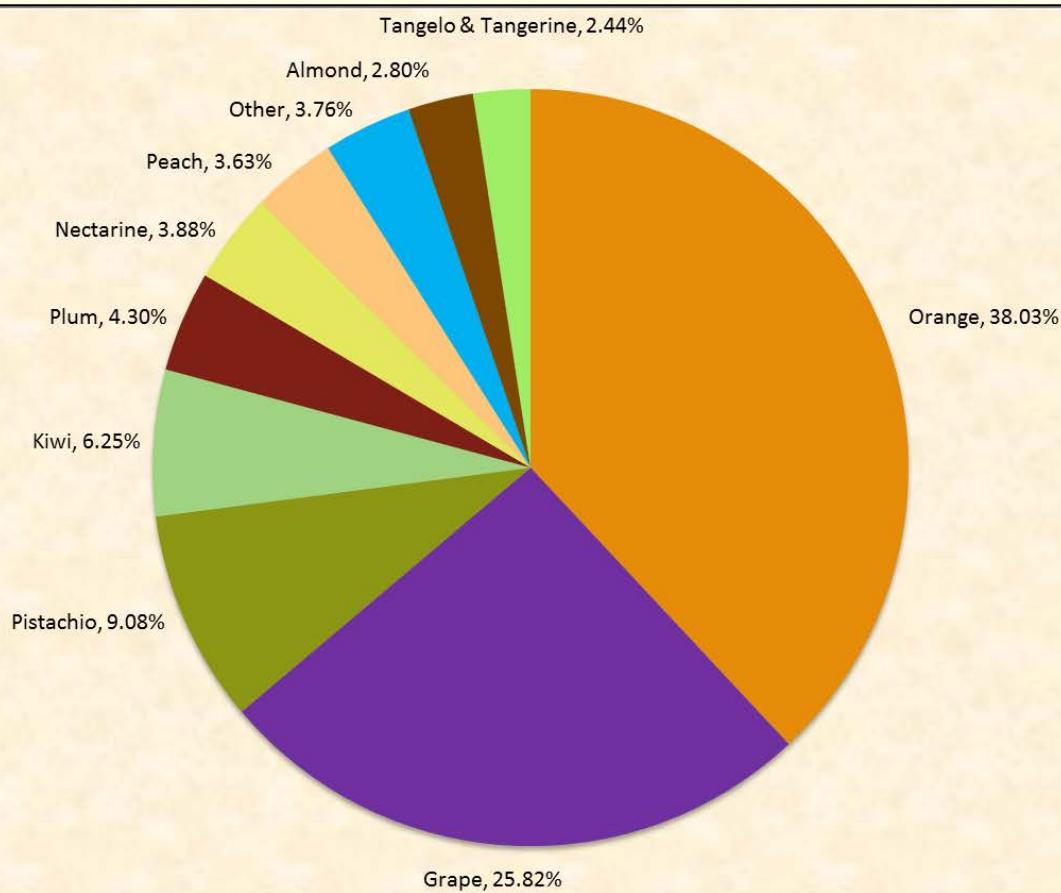
Tulare County Twenty Year Comparison



Five-year Category Comparison



2013 Fruit and Nut Exports



Tulare County Sustainable Agricultural Reporting – 2013

County Biological Control

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Program Scope</u>
Aphids <i>Aphis</i> spp.	Asian Ladybird Beetle <i>Harmonia axyridis</i>	2 sites
Ash Whitefly <i>Siphoninus phillyreae</i>	Parasitic Wasp <i>Encarsia inaron</i>	Upon demand
	Ladybird Beetle <i>Cleitostethus arcuatus</i>	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>	Upon demand
	Vedalia Beetle <i>Rodolia cardinalis</i>	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>Tetraleurodes 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>	Upon demand
	Flower Weevil <i>Larinus curtus</i>	2 sites
	Hairy Weevil* <i>Eustenopus villosus</i>	1 site
	Peacock Fly <i>Chaetorellia succinea</i>	Upon demand
	Yellow Star Gall Fly <i>Urophora sirunaseva</i>	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	2,795	Citrus Trees
European Corn Borer	8	Corn/Sorghum
European Grapevine Moth	2,115	Grapevines
European Pine Shoot Moth	10	Pines
General Fruit Fly	505	Fruit Trees
Glassy-Winged Sharpshooter	6,310	Various Trees & Shrubs
Gypsy Moth	200	Shade Trees
Japanese Beetle	146	Turf & Flowers
Khapra Beetle	110	Stored Food Products
Light Brown Apple Moth	479	Various Trees & Shrubs
Mediterranean Fruit Fly	464	Fruit Trees
Melon Fruit Fly	338	Vegetables
Mexican/Caribbean Fruit Flies	223	Fruit Trees
Oriental Fruit Fly	464	Fruit Trees

County Pest Eradication

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Program Scope</u>
Alligatorweed (<i>Alteranthera philoxeroides</i>)	Mechanical/Chemical Control	950 Plants
Pink Bollworm (<i>Pectinophora gossypiella</i>)	Mechanical/Chemical Control	16,720 Acres
Scotch Thistle (<i>Onopordum acanthium</i>)	Mechanical/Chemical Control	1,600 Plants

County Pest Exclusion

<u>Pest Rejections</u>	<u>Setting</u>	<u>Program Scope</u>
Federally Prohibited Plants	Incoming Shipments	0 Rejection/Destroyed
Improper Markings	Incoming Shipments	7 Rejections/Destroyed
Live Pests (unspecified)	Incoming Shipments	2 Rejections/Destroyed
Invalid Quarantine Certificate	Incoming Shipments	2 Rejection/Destroyed

2013 Registered Organic and Certified Producer Farming Statistics

Organic Growers	94
Acres of Organic Cropland	7,093
Organic Packers/Shippers	16
Certified Producers Certificates	176

Organic Crops

Citrus	1,577 Acres
Grapes	1,277 Acres
Tree Fruits	1,494 Acres
Nuts	478 Acres
Berries	374 Acres
Pomegranates	180 Acres
Vegetables/Melons	82 Acres
Olives	108 Acres
Other	1,523 Acres
Total	7,093 Acres



Tulare County Agriculture Commissioner Sealer of Weights and Measures



Pesticide Use Enforcement

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

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

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

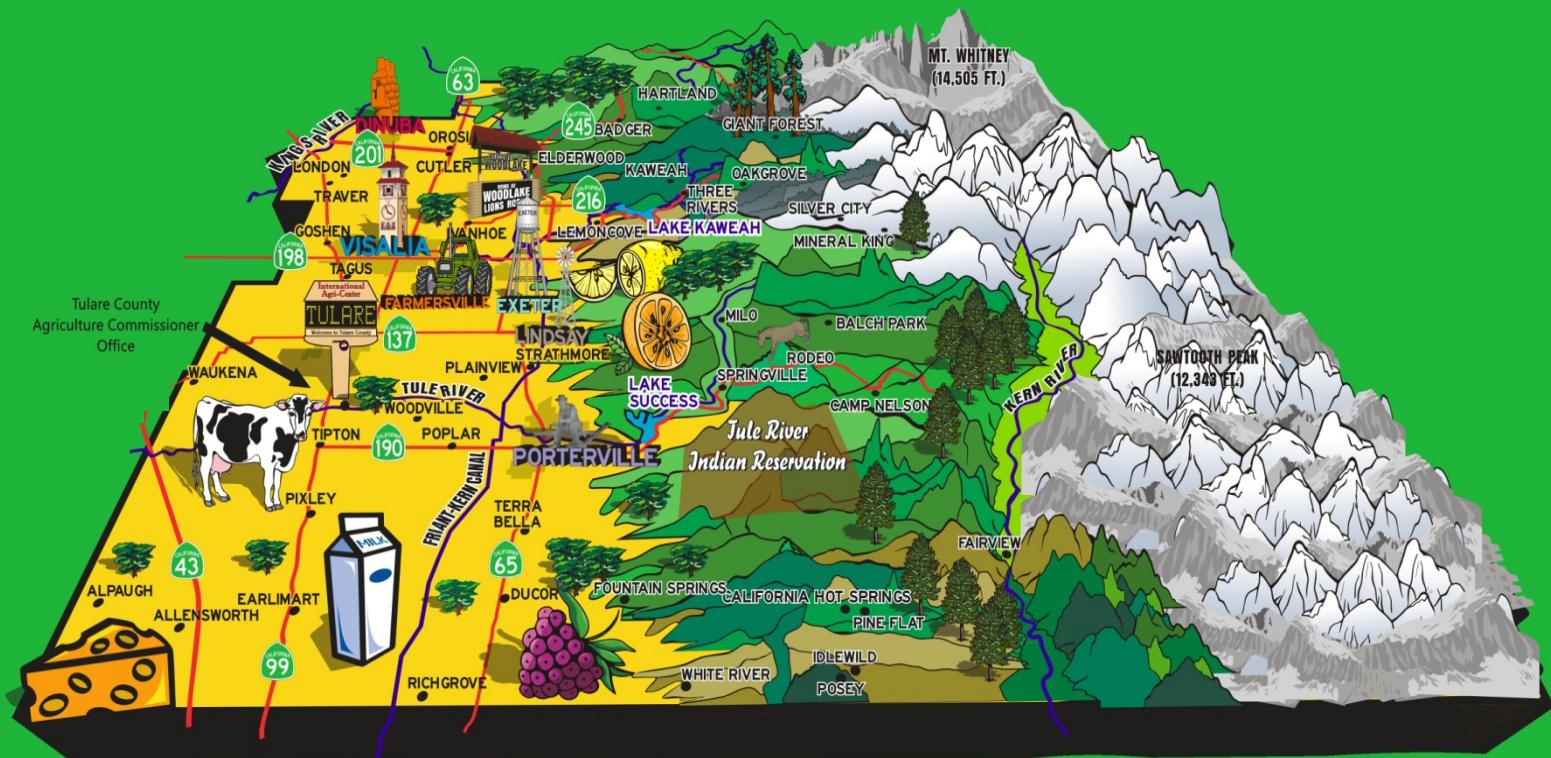
Agricultural Standardization Division

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

Tulare County
Agriculture Commissioner
Office



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
PORTEVILLE	75 W. Olive, Suite D	(559) 782-6811
WOODLAKE	250 Antelope, Suite L	(559) 564-8320

Photography courtesy of: Dennis Haines, Judy Brant, Lea Periera, Mindy Clisso, Nicole Steggall

