



2009

*Tulare County
Annual
Crop and Livestock Report*



Tulare County Agricultural Commissioner/Sealer

Marilyn Kinoshita, Agricultural Commissioner
Sealer of Weights and Measures
Stevie McNeill, Assistant
Commissioner/Sealer

A. G. Kawamura, Secretary
California Department of Food and Agriculture

May 2010

and

The Honorable Board of Supervisors
County of Tulare

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

Jean Rousseau – County Administrative Officer

It is my pleasure to submit the 2009 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 2009 is **\$4,046,447,700**. This represents a decrease of \$971,575,100, or 19%, below 2008's value of \$5,018,022,800.

Milk once again remained the leading commodity with a total gross value of \$1,228,975,000, despite a decrease of 32% from last year's total gross value. Milk represents 30% of the total crop and livestock value for 2009. Milk prices were considerably lower in 2009, while total milk production in Tulare County remained relatively stable. Livestock and Poultry's gross value of \$490,041,000 represents a decrease of 19% below 2008.

Fruit and Nut commodities were valued at \$1,786,471,000 representing a decrease of 3%. Increased prices were seen in a variety of fruits and nuts, such as almonds, nectarines, peaches, plums and walnuts. Total value of all field crops was \$389,737,000 for 2009, a decrease of 38% from the previous year. The decreased value of Alfalfa, Corn and Small Grain Silage followed behind the low milk prices that farmers received in 2009. Nursery Products were valued at \$72,747,000 representing a decrease of 15% from 2008. Vegetable Crops were the only category that showed an overall increase in total value, experiencing a 79% increase over 2008 of \$16,115,000. This came mainly as a result of an increase in acreage harvested in the county. Vegetable Crops were valued at \$28,776,000.

Tulare County's agricultural strength is based on the diversity of the crops produced. The 2009 report covers more than 120 different commodities. Fifty of these commodities 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 89 countries throughout the world.

I wish to express my sincere appreciation to the many producers, processors, and agencies, both private and public, which supported our efforts in producing this report. I would also like to thank all the members of my staff, particularly Samantha Durborow and Dennis Haines. Without their hard work and valuable input, the publication of this report would have been impossible.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "M. Kinoshita", is written over a light blue horizontal line.

Marilyn Kinoshita
Agricultural Commissioner/Sealer

Agricultural Commissioner/Sealer of Weights & Measures

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Assistant Agricultural Commissioner/Sealer

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Deputy Agricultural Commissioner/Sealer

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David Greenwood (Consultant)

Supervising Agricultural & Standards Inspectors

David Case Rafael Garcia Jr. Jerry McElhaney

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District Agricultural & Standards Inspectors

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Scott Cornett	Gavin Iacono	Robert Milner	Rhonda Rico	Rick Yraceburu
	Kurt Kilburn		Stoney Savage	

Agricultural & Standards Inspectors

Brienne Alexander	Judith Brant	Alejandro Del Rio	Tesfaye Jimma	Homero Romero
Karrie Batchelor	David Brasher	Samantha Durborow	Jannelle Malek	Salome Ruedas
Dexter Bennett	Ronnie Capili	Guy Eubank	Ramphal Mann	Michelle Stanley
Page Berquist	Marvin Clark	Sabrina Gilbert	Martin Munoz	Nicole Steggall
Richard Bramer II	Khamla Collins	Rebecca Huerta	Melissa Partin	George Tucker
	Kristyna Cotta		Ivan Ramirez	

Extra Help Inspector Aides & Pest Detection Trappers

Manuel Avina Rojas	Cordie Foster	Tyler Martinho	Eusebio Perez Jr.	Rolando Rodriguez
Donald Conner	Joshua Green	Franklin McGrew	Sharon Plum	Evan Sutherland
Wade DeCesare	Kirk Ingoldsby	Ricky Meraz	Joseph Rico	Derek Taylor
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Staff Services Analyst II

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TULARE COUNTY PERMANENT PLANTING ACREAGE

	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
<u>CITRUS</u>			
Grapefruit & Pomelos	1,310	502	1,812
Lemons	4,070	719	4,789
Navels	73,500	1,840	75,340
Valencias	18,200	61	18,261
Tangerines & Tangelos	9,960	1,600	11,560
Other Citrus ^a	13	0	13
Total Citrus	107,053	4,722	111,775
<u>DECIDUOUS & GRAPES</u>			
Almonds	25,500	1,650	27,150
Apples	90	0	90
Apricots	301	22	323
Avocados	226	0	226
Blueberries	1,020	321	1,341
Cherries	1,510	492	2,002
Figs	15	0	15
Grapes			
Raisin	17,200	115	17,315
Table	27,400	1,720	29,120
Wine	9,700	43	9,743
Kiwifruit	1,840	0	1,840
Nectarines	11,800	209	12,009
Olives	12,500	210	12,710
Peaches			
Cling	1,170	0	1,170
Freestone	12,200	547	12,747
Pears & Asian Pears	246	0	246
Pecans	636	108	744
Persimmons	815	38	853
Pistachios	17,600	10,400	28,000
Plums	12,400	164	12,564
Pomegranates	2,640	1,010	3,650
Prunes-Dried Plums	3,550	355	3,905
Quince	142	0	142
Walnuts	27,700	1,430	29,130
Miscellaneous ^b	1,370	55	1,425
TOTAL			
Total Grapes	54,300	1,878	56,178
Total Orchard Crops	242,324	21,733	264,057
GRAND TOTAL	296,624	23,611	320,235

^a Includes Citron, Kumquat and Lime

^b Includes Guava/Papaya, Jujubes, Plumcots, and Pluots

Field Crops

The total value for Field Crops decreased by 38%, or \$240,894,000, in 2009. The decrease was due in large part to the downward trend of prices for grain and forage products. Although cotton acreage decreased, yields rose, resulting in little change in its total value.

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Alfalfa - Hay	2009	103,000	9.05	932,000	Ton	109.00	101,588,000
	2008	102,000	9.50	969,000	Ton	213.00	206,397,000
Silage ^a	2009	X	2.40	165,000	Ton	26.50	4,372,000
	2008	X	2.67	182,000	Ton	50.30	9,155,000
Barley - Grain	2009	1,070	0.89	952	Ton	144.00	137,000
	2008	1,040	0.59	614	Ton	256.00	157,000
Beans - Dry	2009	5,420	1.75	9,480	Ton	740.00	7,015,000
	2008	1,930	1.36	2,620	Ton	866.00	2,269,000
Corn - Grain	2009	13,900	5.40	75,100	Ton	158.00	11,866,000
	2008	13,600	5.75	78,200	Ton	207.00	16,187,000
Silage	2009	162,000	26.90	4,358,000	Ton	26.40	115,051,000
	2008	159,000	25.60	4,070,000	Ton	48.50	197,395,000
Cotton - Lint ^b	2009	11,200	1,710.00	38,700	Bale	77.00	14,900,000
	2008	12,600	1,540.00	39,200	Bale	76.00	14,896,000
Seed	2009	X	X	15,500	Ton	272.00	4,216,000
	2008	X	X	15,700	Ton	274.00	4,302,000
Pasture & Range (Irrigated)	2009	93,000	X	X	Acre	175.00	16,275,000
	2008	93,000	X	X	Acre	175.00	16,275,000
Native	2009	615,000	X	X	Acre	12.50	7,688,000
	2008	615,000	X	X	Acre	14.50	8,918,000
Other	2009	79,800	X	X	Acre	25.00	1,995,000
	2008	76,000	X	X	Acre	25.00	1,900,000
Silage - Small Grain ^c	2009	125,000	18.20	2,275,000	Ton	21.90	49,822,000
	2008	121,000	17.10	2,069,000	Ton	39.70	82,139,000
Sorghum Grain	2009	13,100	2.94	38,500	Ton	147.00	5,660,000
	2008	10,300	2.66	27,400	Ton	164.00	4,494,000
Sudan Grass ^d	2009	6,140	13.90	85,300	Ton	17.80	1,518,000
	2008	14,600	11.50	168,000	Ton	34.50	5,796,000

Field Crops continued

Crop	Production				Value		
	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Wheat – Grain	2009	47,000	3.40	160,000	Ton	251.00	40,160,000
	2008	46,300	3.21	149,000	Ton	269.00	40,081,000
Miscellaneous ^c	2009	32,300	X	X	X	X	7,474,000
	2008	39,800	X	X	X	X	20,270,000
TOTAL	2009	1,307,930					\$389,737,000
	2008	1,306,170					\$630,631,000

^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 hundredweight

^c Includes Barley, Sorghum, Triticale, Wheat, and Winter Forage

^d Sudan Grass reported as green chop

^e Includes Bean Screenings, Bean Straw, Corn Stalks, Oat Grain, Oat Hay, Rye, Grain Straw, and Safflower

Vegetable Crops

In 2009 total value for Vegetable Crops increased by 79%, or \$12,661,000. The large increase is mainly a result of the 63% increase in acreage that was harvested from the 2008 crop year. Tulare County produces more than 38 different types of vegetables.

Crop	Production				Value		
	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Broccoli - Processed	2009	742	6.50	4,820	Ton	450.00	2,169,000
	2008	705	7.04	4,960	Ton	334.00	1,657,000
Cucumbers	2009	584	6.30	3,680	Ton	466.00	1,715,000
	2008	447	8.15	3,640	Ton	492.00	1,791,000
Sweet Corn	2009	676	6.42	4,340	Ton	612.00	2,656,000
	2008	160	6.15	984	Ton	617.00	607,000
Miscellaneous ^a	2009	5,975	X	X	X	X	22,236,000
	2008	3,330	X	X	X	X	11,758,000
TOTAL	2009	7,977					\$28,776,000
	2008	4,904					\$16,115,000

^a Includes Artichokes, Asparagus, Assorted Peppers, Assorted Greens, Beets, Beans- Succulent, Cabbage, Cactus, Carrots, Cauliflower, Cilantro, Collards, Eggplant, Garlic, Gourds, Herbs, Kale, Lettuce, Melon-Cantaloupe, Melons-Assorted, Mushrooms, Mustard, Okra, Onions, Peas, Potatoes, Pumpkins, Radish, Spinach, Sprouts, Squash, Tomatillos, Tomatoes (Fresh and Processed), Turnips, Watermelon, and Zucchini

Fruit and Nut Crops

Fruit and Nut crops decreased in total value by 3%, or \$48,727,000, in 2009, bringing the total value back down to 2007 levels. The total value of grapes decreased by 9%, or \$44,155,000. Per unit prices in peaches, plums and nectarines showed an increase from 2008 prices. There was a decrease in the value of total citrus production, as yields and orange prices both decreased.

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Almonds - Meats	2009	25,500	0.97	24,700	Ton	3,670.00	90,649,000
	2008	24,800	1.11	27,500	Ton	2,990.00	82,225,000
Hulls	2009	X	X	50,600	Ton	104.00	5,262,000
	2008	X	X	56,400	Ton	127.00	7,163,000
Apricots	2009	301	1.19	358	Ton	1,800.00	644,000
	2008	322	8.20	2,640	Ton	1,340.00	3,538,000
Blueberries	2009	1,020	5.05	5,150	Ton	5,210.00	26,832,000
	2008	1,020	5.11	5,210	Ton	6,400.00	33,344,000
Cherries	2009	1,510	3.10	4,680	Ton	4,880.00	22,838,000
	2008	1,350	4.21	5,680	Ton	4,290.00	24,367,000
Grapes - Total	2009	54,300	X	X	X	X	443,880,000
	2008	58,400	X	X	X	X	488,035,000
Raisin Varieties	2009	17,200	9.44	X	X	X	X
	2008	19,600	12.50	X	X	X	X
Canned	2009	X	X	18,200	Ton	283.00	5,151,000
	2008	X	X	22,400	Ton	288.00	6,451,000
Crushed ^a	2009	X	X	23,700	Ton	172.00	4,076,000
	2008	X	X	42,100	Ton	211.00	8,883,000
Dried ^b	2009	X	X	16,600	Ton	1,100.00	18,260,000
	2008	X	X	22,400	Ton	1,160.00	25,984,000
Fresh	2009	X	X	45,700	Ton	1,060.00	48,442,000
	2008	X	X	69,600	Ton	1,340.00	93,264,000
Table Varieties	2009	27,400	9.11	X	X	X	X
	2008	29,000	9.21	X	X	X	X
Crushed	2009	X	X	33,600	Ton	143.00	4,805,000
	2008	X	X	50,000	Ton	181.00	9,050,000
Fresh	2009	X	X	216,000	Ton	1,490.00	321,840,000
	2008	X	X	217,000	Ton	1,400.00	303,800,000
Wine Varieties	2009	9,700	14.80	X	X	X	X
	2008	9,800	14.80	X	X	X	X
Crushed	2009	X	X	140,000	Ton	274.00	38,360,000
	2008	X	X	141,000	Ton	267.00	37,647,000
Juice	2009	X	X	3,660	Ton	805.00	2,946,000
	2008	X	X	3,920	Ton	754.00	2,956,000

Fruit and Nut Crops continued

Crop	Year	Production			Value		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Grapefruit - Fresh ^c	2009	1,310	13.40	17,600	Ton	536.00	9,434,000
	2008	1,060	12.40	13,100	Ton	504.00	6,602,000
Kiwifruit	2009	1,840	8.70	16,000	Ton	1,470.00	23,520,000
	2008	1,860	7.14	13,300	Ton	1,530.00	20,349,000
Lemons - Fresh	2009	4,070	13.00	52,900	Ton	624.00	33,010,000
	2008	3,720	8.85	32,900	Ton	1,440.00	47,376,000
Nectarines - Fresh	2009	11,800	7.89	93,100	Ton	1,140.00	106,134,000
	2008	11,400	7.12	81,200	Ton	737.00	59,844,000
Olives	2009	12,500	0.40	5,000	Ton	1,150.00	5,750,000
	2008	12,600	1.81	22,800	Ton	935.00	21,318,000
Oranges - Navels	2009	73,500	9.95	607,000	Ton	606.00	367,842,000
	2008	74,900	14.50	782,000	Ton	585.00	457,470,000
Processed	2009	X	X	124,000	Ton	32.30	4,005,000
	2008	X	X	304,000	Ton	54.00	16,416,000
Oranges - Valencia	2009	18,200	12.47	177,000	Ton	511.00	90,447,000
	2008	18,900	16.80	201,000	Ton	520.00	104,520,000
Processed	2009	X	X	50,000	Ton	103.00	5,150,000
	2008	X	X	117,000	Ton	123.00	14,391,000
Peaches - Cling	2009	1,170	16.10	18,800	Ton	315.00	5,922,000
	2008	1,030	17.20	17,700	Ton	321.00	5,682,000
Peaches - Freestone	2009	12,200	10.90	80,600	Ton	1,030.00	83,018,000
	2008	11,600	10.50	68,000	Ton	875.00	59,500,000
Processed	2009	X	X	52,400	Ton	270.00	14,148,000
	2008	X	X	53,800	Ton	224.00	12,051,000
Pears & Asian Pears	2009	246	5.34	1,310	Ton	1,640.00	2,148,000
	2008	299	6.72	2,010	Ton	2,500.00	5,025,000
Pecans	2009	636	1.11	706	Ton	2,660.00	1,878,000
	2008	611	1.42	868	Ton	2,790.00	2,422,000
Persimmons	2009	815	3.86	3,150	Ton	1,590.00	5,008,000
	2008	733	6.70	4,910	Ton	1,760.00	8,642,000
Pistachio Nuts	2009	17,600	1.65	29,000	Ton	4,070.00	118,030,000
	2008	16,100	1.21	19,500	Ton	4,030.00	78,585,000
Plums - Fresh	2009	12,400	7.51	93,100	Ton	1,010.00	94,031,000
	2008	13,000	7.83	102,000	Ton	755.00	77,010,000
Pomegranates	2009	2,640	5.63	14,900	Ton	1,420.00	21,158,000
	2008	1,920	4.19	8,040	Ton	1,350.00	10,854,000

Fruit and Nut Crops continued

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Prunes - Dried Plums ^d	2009	3,550	2.63	9,340	Ton	1,200.00	11,208,000
	2008	3,640	2.22	8,080	Ton	1,360.00	10,989,000
Quince	2009	142	5.64	801	Ton	1,860.00	1,490,000
	2008	175	5.05	884	Ton	1,780.00	1,574,000
Tangerines ^e	2009	9,960	6.58	65,500	Ton	1,180.00	77,290,000
	2008	8,370	9.55	79,900	Ton	1,080.00	86,292,000
Walnuts	2009	27,700	1.86	51,500	Ton	1,830.00	94,245,000
	2008	27,200	2.15	58,500	Ton	1,310.00	76,635,000
Miscellaneous ^f	2009	1,820	X	X	X	X	21,500,000
	2008	1,907	X	X	X	X	12,979,000
TOTAL	2009	296,730					\$1,786,471,000
	2008	296,917					\$1,835,198,000

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

^b Combined value reflecting free and reserve tonnage

^c Includes Pomelos and Hybrids

^d Yield is dry weight basis

^e Includes Mandarins, Tangelos and Tangors

^f Includes Avocados, Apples, Bushberries, Citron, Chestnuts, Figs, Guava, Jujubes, Kumquat, Limes, Plumcots, Pluots, Processed Grapefruit, Processed Lemons, Processed Tangerines, and Strawberries

Nursery Products

Nursery Products experienced a 15%, or \$12,666,000, decrease in total value from 2008. Ornamental Trees and Shrubs had a 31% decrease in total value and constituted 60% of the entire total value in Nursery Products. Citrus and Subtropical Trees more than doubled in quantity sold, resulting in an increase in its total value.

Crop	Year	Production		Unit	Value	
		Quantity Sold			Per Unit	Total
Citrus & Subtropical Trees	2009	1,332,000		Each	7.88	10,496,000
	2008	555,000		Each	9.09	5,045,000
Deciduous Fruit & Nut Trees	2009	396,000		Each	8.23	3,259,000
	2008	500,000		Each	7.08	3,540,000
Grape & Berry Vines	2009	4,471,000		Each	2.14	9,568,000
	2008	2,489,000		Each	3.30	8,214,000
Ornamental Trees & Shrubs	2009	4,712,000		Each	9.34	44,010,000
	2008	5,822,000		Each	11.00	64,042,000
Miscellaneous ^a	2009	X		X	X	5,414,000
	2008	X		X	X	4,572,000
TOTAL	2009					\$72,747,000
	2008					\$85,413,000

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

Apiary Products

Apiary products experienced a less than 1%, or \$188,000, decrease in total value from 2008. Higher prices, combined with a 32% decrease in total honey production helped contribute to this slight decrease. Beeswax production fell back down to a value that is close to the 2007 level, resulting in a \$283,000 decrease in its total value.

Crop	Year	Production		Value	
		Total	Unit	Per Unit	Total
Honey – Orange ^a	2009	11,462,000	Pound	1.82	20,861,000
	2008	16,285,000	Pound	1.40	22,799,000
Other	2009	1,065,000	Pound	2.00	2,130,000
	2008	2,110,000	Pound	1.22	2,574,000
Beeswax	2009	110,000	Pound	2.00	220,000
	2008	244,000	Pound	2.06	503,000
Pollination ^b	2009	126,000	Colony	104.00	13,104,000
	2008	123,000	Colony	86.40	10,627,000
TOTAL	2009				\$36,315,000
	2008				\$36,503,000

^a From bee colonies registered in Tulare County during the 2009 citrus bloom period

^b Estimated number of colonies required for adequate pollination



Livestock & Poultry

Livestock and Poultry values experienced a 19%, or \$112,720,000, decrease in total value in 2009. The total number of all head sold decreased by 7%, or 98,500. Per head values decreased across all major types of livestock.

Crop	Year	No. of Head	Total Liveweight	Unit	Value	
					Per Unit	Total
Cattle & Calves	2009	632,000	X	Head	656.00	414,592,000
	2008	638,000	X	Head	787.00	502,106,000
Lambs	2009	16,300	1,547,000	Pound	0.89	1,377,000
	2008	15,300	1,453,000	Pound	0.91	1,322,000
Hogs & Pigs	2009	91,500	X	Head	97.50	8,921,000
	2008	277,000	X	Head	110.00	30,470,000
Turkeys	2009	669,000	17,327,000	Pound	0.50	8,664,000
	2008	577,000	16,715,000	Pound	0.57	9,528,000
Miscellaneous ^a	2009	X	X	X	X	56,487,000
	2008	X	X	X	X	59,335,000
TOTAL	2009					\$490,041,000
	2008					\$602,761,000

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

Livestock & Poultry Products

Livestock & Poultry Products' gross value decreased 31%, or \$567,799,000, in 2009. Milk prices decreased, causing the total value for all milk to decrease by 32%. Milk production shifted away from milk for manufacturing.

Crop	Year	Production		Unit	Value	
		Total			Per Unit	Total
Manure ^a	2009	2,613,000		Ton	1.12	2,927,000
	2008	2,642,000		Ton	1.07	2,827,000
Milk – Market	2009	107,122,000		Cwt.	11.40	1,221,191,000
	2008	105,878,000		Cwt.	16.60	1,757,575,000
Manufacturing	2009	671,000		Cwt.	11.60	7,784,000
	2008	2,100,000		Cwt.	18.50	38,850,000
Miscellaneous ^b	2009	X		X	X	6,477,000
	2008	X		X	X	6,926,000
TOTAL	2009					\$1,238,379,000
	2008					\$1,806,178,000

^a Includes Dairy and Poultry Manure.

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

Seed Crops

The total value of Seed Crops decreased in 2009. Seed cotton acreage slightly increased, which helped to contribute to the 21%, or \$404,000, increase in its total value. Miscellaneous seed crops had a decrease in harvested acreage and a decrease in total value.

Crop	Year	Production			Unit	Value	
		Harvested Acreage	Per Acre	Total		Per Unit	Total
Cotton – Foundation, Registered & Certified ^a	2009	5,048	X	6,990	Ton	335.00	2,342,000
	2008	4,520	X	5,600	Ton	346.00	1,938,000
Miscellaneous	2009	168	X	X	X	X	208,000
	2008	367	X	X	X	X	1,434,000
TOTAL	2009	168					\$2,550,000
	2008	367					\$3,372,000

^a Not included in total acreage for “Seed Crops”

Industrial Crops

Industrial Crops had a total value of \$1,431,700, which was a decrease of 23%, or \$420,100, in 2009. The value of timber harvested increased by 37%, or \$24,900.

Crop	Year	Production		Unit	Value	
		Total			Per Unit	Total
Timber harvested	2009	1,891,000		Board Ft.	0.049	92,700
	2008	1,028,000		Board Ft.	0.066	67,800
Miscellaneous ^a	2009	X		X	X	1,339,000
	2008	X		X	X	1,784,000
TOTAL	2009					\$1,431,700
	2008					\$1,851,800

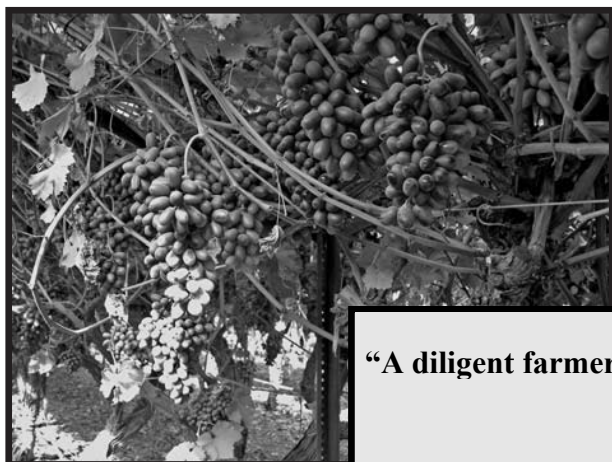
^a Includes Almond Shells, Biomass, and Firewood



**“Agriculture not only gives riches to a nation, but the only riches she can call her own.”
-Samuel Johnson**

SUMMARY

COMMODITY	YEAR	HARVESTED ACREAGE	VALUE
FIELD CROPS	2009	1,307,930	\$389,737,000
	2008	1,306,170	\$630,631,000
VEGETABLE CROPS	2009	7,977	\$28,776,000
	2008	4,904	\$16,115,000
FRUIT & NUT CROPS	2009	296,730	\$1,786,471,000
	2008	296,917	\$1,835,198,000
NURSERY PRODUCTS	2009	X	\$72,747,000
	2008	X	\$85,413,000
APIARY PRODUCTS	2009	X	\$36,315,000
	2008	X	\$36,503,000
LIVESTOCK & POULTRY	2009	X	\$490,041,000
	2008	X	\$602,761,000
LIVESTOCK & POULTRY PRODUCTS	2009	X	\$1,238,379,000
	2008	X	\$1,806,178,000
SEED CROPS	2009	168	\$2,550,000
	2008	367	\$3,372,000
INDUSTRIAL CROPS	2009	X	\$1,431,700
	2008	X	\$1,851,800
GRAND TOTAL	2009	1,612,805	\$4,046,447,700
	2008	1,608,358	\$5,018,022,800



“A diligent farmer plants trees, of which he himself will never see the fruit.”

-Marcus Tullius Cicero

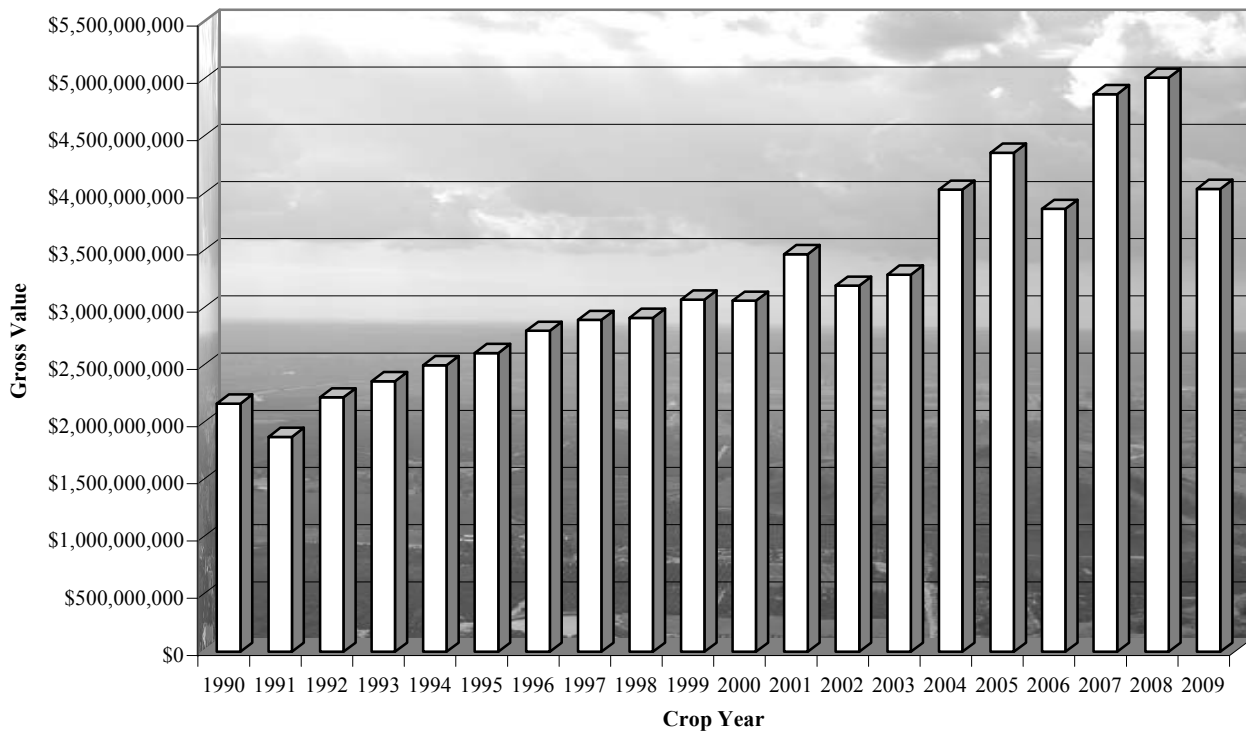
MILLION DOLLAR PRODUCTS

<u>2009 Ranking</u>	<u>2009 Total Value</u>	<u>2008 Ranking</u>
1 Milk -----	\$1,228,975,000 -----	1
2 Oranges - Navel & Valencia -----	\$467,444,000 -----	2
3 Grapes -----	\$443,880,000 -----	4
4 Cattle & Calves -----	\$414,592,000 -----	3
5 Corn - Grain & Silage -----	\$126,917,000 -----	6
6 Pistachio Nuts -----	\$118,030,000 -----	10
7 Nectarines -----	\$106,134,000 -----	15
8 Alfalfa - Hay & Silage -----	\$105,960,000 -----	5
9 Peaches - Cling & Freestone -----	\$103,088,000 -----	11
10 Almonds- Meats & Hulls -----	\$95,911,000 -----	7
11 Walnuts -----	\$94,245,000 -----	13
12 Plums -----	\$94,031,000 -----	12
13 Tangerines - Fresh -----	\$77,290,000 -----	8
14 Silage - Small Grain -----	\$49,822,000 -----	9
15 Nursery - Ornamental Trees & Shrubs -----	\$44,010,000 -----	14
16 Wheat - Grain -----	\$40,160,000 -----	17
17 Lemons - Fresh -----	\$33,010,000 -----	16
18 Blueberries -----	\$26,832,000 -----	18
19 Pasture & Range -----	\$25,958,000 -----	20
20 Kiwifruit -----	\$23,520,000 -----	25
21 Honey -----	\$22,991,000 -----	21
22 Cherries -----	\$22,838,000 -----	22
23 Cotton - Lint & Seed -----	\$21,458,000 -----	24
24 Pomegranates -----	\$21,158,000 -----	27
25 Pollination -----	\$13,104,000 -----	28
26 Prunes -----	\$11,208,000 -----	26
27 Nursery - Citrus & Subtropical Trees -----	\$10,496,000 -----	34
28 Nursery - Grape & Berry Vines -----	\$9,568,000 -----	31
29 Grapefruit -----	\$9,434,000 -----	32
30 Hogs & Pigs -----	\$8,921,000 -----	19
31 Turkeys -----	\$8,664,000 -----	29
32 Beans - Dry -----	\$7,015,000 -----	41
33 Olives -----	\$5,750,000 -----	23
34 Sorghum - Grain -----	\$5,660,000 -----	36
35 Persimmons -----	\$5,008,000 -----	30
36 Nursery - Deciduous Fruit & Nut Trees -----	\$3,259,000 -----	37
37 Manure -----	\$2,927,000 -----	39
38 Sweet Corn -----	\$2,656,000 -----	--
39 Broccoli -----	\$2,169,000 -----	43
40 Pears & Asian Pears -----	\$2,148,000 -----	35
41 Pecans -----	\$1,878,000 -----	40
42 Cucumbers -----	\$1,715,000 -----	42
43 Sudan Grass -----	\$1,518,000 -----	33
44 Quince -----	\$1,490,000 -----	44
45 Lambs -----	\$1,377,000 -----	45

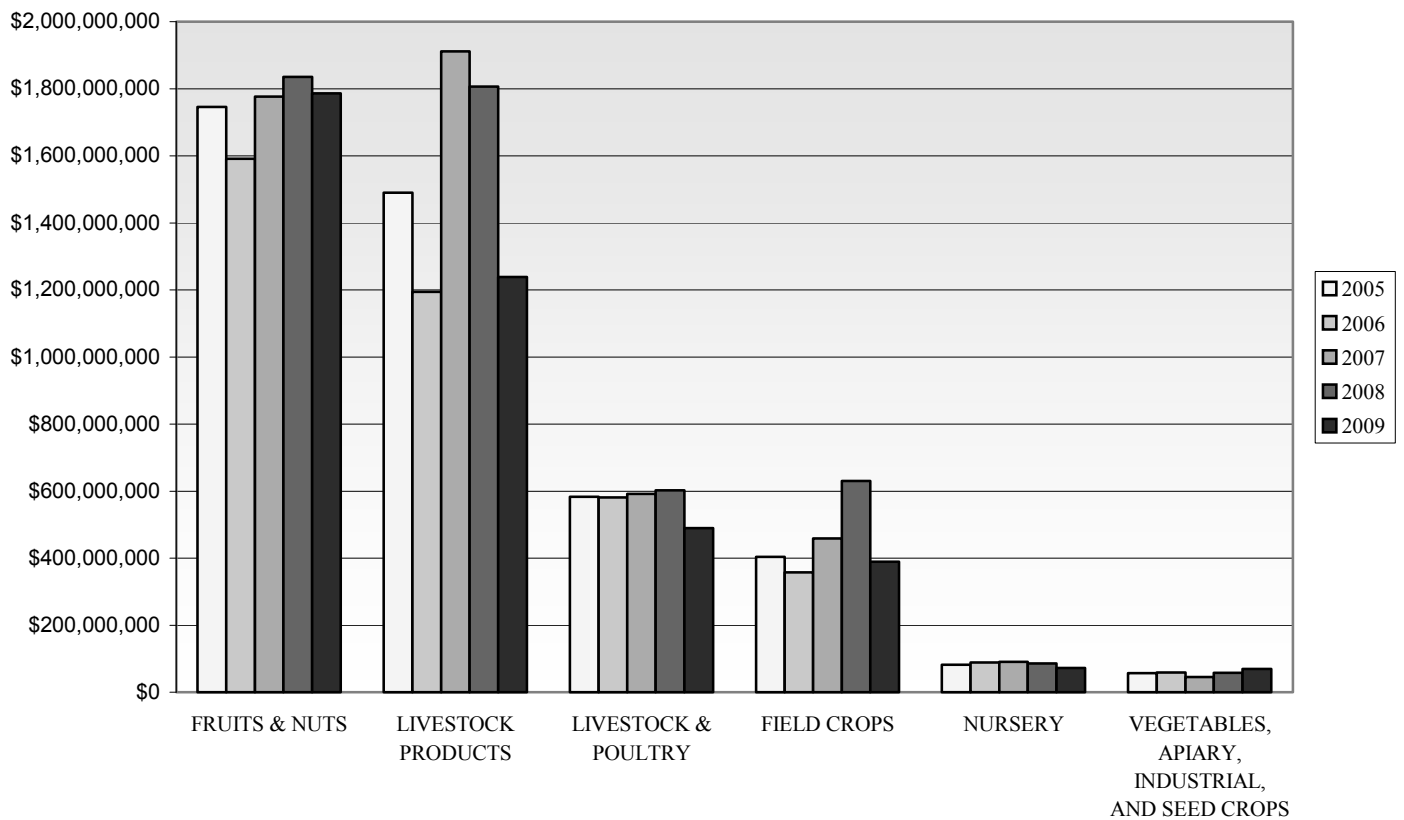
Twenty-Year Comparison of Agriculture Value in Tulare County 1990-2009

1990	\$2,169,448,000	2000	\$3,068,648,200
1991	\$1,878,425,000	2001	\$3,475,999,600
1992	\$2,224,612,000	2002	\$3,201,084,900
1993	\$2,365,202,000	2003	\$3,296,522,000
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

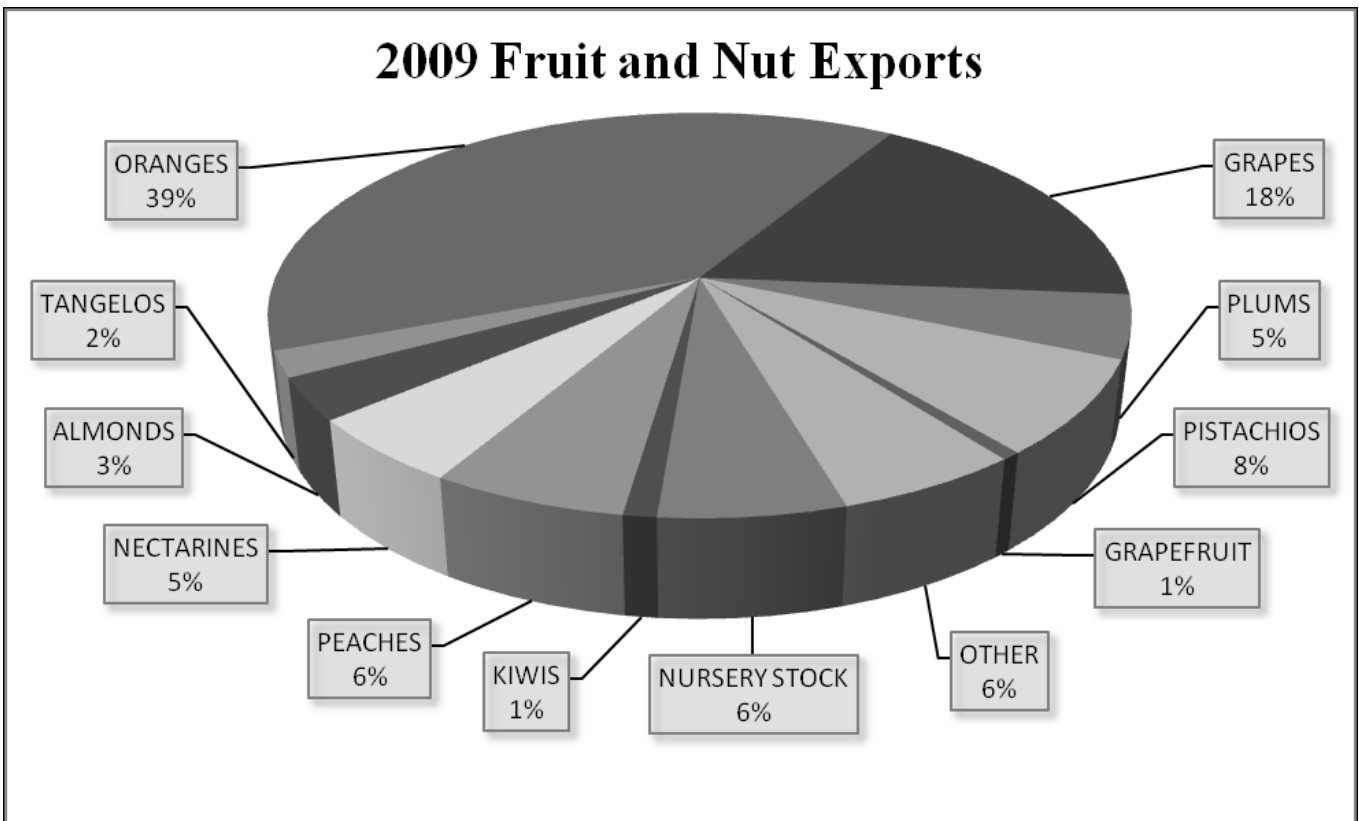
Tulare County Twenty Year Comparison



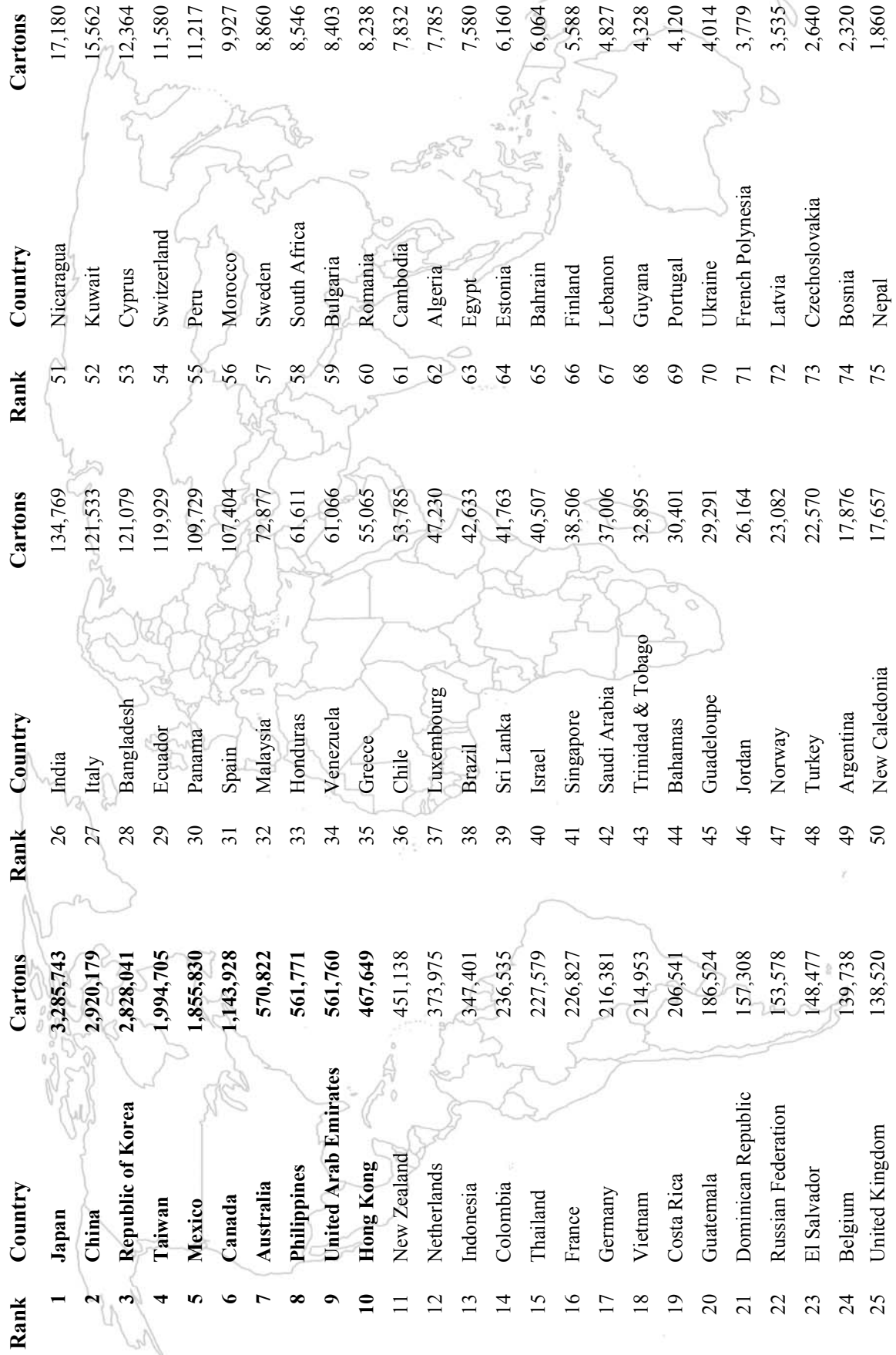
Five-Year Category Comparison



2009 Fruit and Nut Exports



75 Leading Export Countries



Rank	Country	Cartons	Rank	Country	Cartons	Rank	Country	Cartons
1	Japan	3,285,743	26	India	134,769	51	Nicaragua	17,180
2	China	2,920,179	27	Italy	121,533	52	Kuwait	15,562
3	Republic of Korea	2,828,041	28	Bangladesh	121,079	53	Cyprus	12,364
4	Taiwan	1,994,705	29	Ecuador	119,929	54	Switzerland	11,580
5	Mexico	1,855,830	30	Panama	109,729	55	Peru	11,217
6	Canada	1,143,928	31	Spain	107,404	56	Morocco	9,927
7	Australia	570,822	32	Malaysia	72,877	57	Sweden	8,860
8	Philippines	561,771	33	Honduras	61,611	58	South Africa	8,546
9	United Arab Emirates	561,760	34	Venezuela	61,066	59	Bulgaria	8,403
10	Hong Kong	467,649	35	Greece	55,065	60	Romania	8,238
11	New Zealand	451,138	36	Chile	53,785	61	Cambodia	7,832
12	Netherlands	373,975	37	Luxembourg	47,230	62	Algeria	7,785
13	Indonesia	347,401	38	Brazil	42,633	63	Egypt	7,580
14	Colombia	236,535	39	Sri Lanka	41,763	64	Estonia	6,160
15	Thailand	227,579	40	Israel	40,507	65	Bahrain	6,064
16	France	226,827	41	Singapore	38,506	66	Finland	5,588
17	Germany	216,381	42	Saudi Arabia	37,006	67	Lebanon	4,827
18	Vietnam	214,953	43	Trinidad & Tobago	32,895	68	Guyana	4,328
19	Costa Rica	206,541	44	Bahamas	30,401	69	Portugal	4,120
20	Guatemala	186,524	45	Guadeloupe	29,291	70	Ukraine	4,014
21	Dominican Republic	157,308	46	Jordan	26,164	71	French Polynesia	3,779
22	Russian Federation	153,578	47	Norway	23,082	72	Latvia	3,535
23	El Salvador	148,477	48	Turkey	22,570	73	Czechoslovakia	2,640
24	Belgium	139,738	49	Argentina	17,876	74	Bosnia	2,320
25	United Kingdom	138,520	50	New Caledonia	17,657	75	Nepal	1,860

Tulare County Sustainable Agricultural Reporting - 2009

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> 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>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> 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 Crops</u>
European Corn Borer	8	Corn/Sorghum
European Pine Shoot Moth	7	Pines
General Fruit Fly	533	Fruit Trees
Glassy-winged Sharpshooter	7,666	Various Trees & Shrubs
Gypsy Moth	206	Shade Trees
Japanese Beetle	174	Turf & Flowers
Khapra Beetle	110	Stored Food Products
Light Brown Apple Moth	611	Various Trees & Shrubs
Mediterranean Fruit Fly	486	Fruit Trees
Melon Fruit Fly	367	Vegetables
Mexican/Caribbean Fruit Flies	182	Fruit Trees
Oriental Fruit Fly	367	Fruit Trees

County Pest Eradication

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Program Scope</u>
Alligatorweed <i>Alternanthera philoxeroides</i>	Mechanical/Chemical Control	320 Plants
Pink Bollworm <i>Pectinophora gossypiella</i>	Mechanical/Chemical Control	11,210 Acres
Scotch Thistle <i>Onopordum acanthium</i>	Mechanical/Chemical Control	630 Plants

County Pest Exclusion

<u>Pest Rejections</u>	<u>Setting</u>	<u>Program Scope</u>
Federally Prohibited Plants	Incoming Shipments	1 Rejection/Destroyed
Improper Markings	Incoming Shipments	21 Rejections/Destroyed
Invalid Quarantine Certificate	Incoming Shipments	1 Corrected/Released

**2009 Registered Organic and Certified Producer
Farming Statistics**

Organic Growers	90
Acres of Organic Cropland	4,640
Organic Packers/Shippers	16
Certified Producers Certificates	138

Organic Crops

Citrus	1,948 Acres
Grapes	1,000 Acres
Tree Fruits	819 Acres
Nuts	393 Acres
Berries	166 Acres
Avocados	87 Acres
Vegetables/Melons	62 Acres
Olives	33 Acres
Other	132 Acres



The Tulare County Agricultural Commissioner/Sealer's Office would like to offer a special thanks to the Almond Board of California, whose photo is on the cover of this publication. In addition, the Tulare County Agricultural Commissioner/Sealer's Office would like to offer a special thanks to the Tulare County Farm Bureau, the Almond Board of California, the USDA Natural Resources Conservation Service and the Tulare County Agricultural Commissioner staff for the photographs featured inside this publication.



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