

# SUTTER COUNTY 2011 CROP REPORT



**Crop, Livestock & Annual Department Report**

## Thompson Seedless Grape

Sutter County is probably best known for the development of the Thompson Seedless Grape and, consequently, for the birth of the raisin industry. One day in 1872 Sutter County resident George Thompson (pictured) and his father William Thompson, Sr. received a shipment they had ordered from a nursery in Rochester, New York. Included were three nameless grape vine cuttings, which they grafted onto their vines. Because of a flood that spring, only one cutting survived.

Through a quirk of fate, Sutter County farmer John Paxton Onstott became connected with this lone grape cutting when he visited the Thompsons to buy some honey. They showed him the vigorously growing but-alas-fruitless grape. Onstott wanted a fast growing vine to cover an arbor, so he took cuttings from it. He discovered that, when left unpruned, the vine developed heavy clusters of seedless grapes on the new fruit wood. The Thompsons' conventional pruning methods used for Muscats and other grapes had cut off all the fruiting cane. Onstott passed on his discovery to the Thompsons, and the "long-cane" method of pruning was used thereafter.

The new grape vine produced one crop a year, making harvest economical, in large clusters entirely free of seeds with high sugar content and excellent flavor. When the Thompsons exhibited the new grape at the seventh annual Marysville fair in August 1875, the clerk named it "Thompson Seedless" to provide the required entry name.

John P. Onstott began to propagate the Thompson Seedless Grape, selling it to growers all over the San Joaquin Valley and through nurseries he established in Fresno and Los Angeles. Onstott's own vineyard flourished, and his holdings grew to more than 1,000 acres in Sutter County. He built a packing plant and dry yard on the Onstott Ranch west of Yuba City. Stemmed grapes were packed in 25-pound boxes and loaded onto Northern Electric railroad cars. In Yuba City they were reloaded onto Southern Pacific cars and shipped to distant cities. Onstott was the first to ship Thompson seedless raisins in carload lots to Eastern markets, laying the foundation for the entire raisin industry.



George and Sarah (Burgett) Thompson working a field in Sutter County.



OFFICE OF THE  
**AGRICULTURAL COMMISSIONER**  
**SEALER OF WEIGHTS & MEASURES**

MARK P. QUISENBERRY  
Agricultural Commissioner  
Sealer of Weights and Measures

MARK BROWN  
Assistant Agricultural Commissioner  
Assistant Sealer of Weights and Measures

August 20, 2012

To: Karen Ross, Secretary  
California Department of Food  
and Agriculture

and The Honorable Board of Supervisors,  
County of Sutter:  
Larry Munger, Chairman, District 3  
Larry Montna, District 1  
Stan Cleveland, District 2  
Jim Whiteaker, District 4  
James Gallagher, District 5

In accordance with Section 2272 and 2279 of the California Food and Agricultural Code, I am pleased to submit the 2011 Sutter County Agricultural Crop Report. Sutter County's gross agricultural production value totaled \$547,187,460 with Rice, Walnuts, Dried Plums (Prunes), Peaches (processing), Tomatoes (processing), Nursery Products and Almonds as the leading agricultural commodities.

The 2011 growing season started with warm and dry meteorological conditions, but was offset by cool, wet weather in May delaying planting and plant growth. The late spring rains and constant temperature fluctuations took its toll on orchard crops, lowering yields. Field crops benefited however, as the cooler temperatures resulted in improved yields. In October, rain delayed harvests already weeks behind due to the late spring. As the year closed, La Niña weather conditions did not produce the precipitation and cooler temperatures normally associated with this meteorological phenomenon. December, typically cold and wet was warm and dry, requiring many growers to irrigate their field crops and orchards. Although challenged by the weather, growers were able to produce crops that had average to above-average yields and returns, with good quality.

As summarized in this report, agriculture continues to be an integral part of Sutter County's economic base. Industries such as banking, labor, marketing, transportation, and other services directly or indirectly tied to agriculture benefited appreciably as the agricultural industry returned over \$2.2Billion to our economy in 2011.

I would like to express my sincere appreciation to staff and to the many individuals from the agricultural industry who assisted in the compilation of this report.

Respectfully submitted,

A handwritten signature in blue ink, appearing to be "M. Quisenberry", written over a horizontal line.

Mark P. Quisenberry,  
Agricultural Commissioner

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**FRUIT AND NUT CROPS  
ACREAGE, PRODUCTION AND VALUE<sup>1</sup>**

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACRES	PER ACRE			PER UNIT	PER UNIT	
Almonds,	2011	4,498	0.73	3,284	Tons	\$	3,790	\$ 12,446,000
Meats	2010	4,453	1.12	4,987	Tons	\$	3,480	\$ 17,355,000
Almonds <sup>2</sup>	2011			4,925	Tons		80	394,000
Hulls.	2010			6,234	Tons		83	517,000
Kiwifruit	2011	127	6.60	838	Tons		1,210	1,014,000
	2010	104	6.54	680	Tons		1,460	993,000
Olives	2011	507	2.60	1,318	Tons		449	592,000
	2010	200	4.59	918	Tons		566	520,000
Peaches,	2011	6,961	16.70	116,249	Tons		286	33,247,000
Cling	2010	7,120	15.80	112,496	Tons		287	32,286,000
Persimmons	2011	169	1.19	201	Tons		650	131,000
	2010	193	3.93	759	Tons		759	576,000
Dried Plums	2011	15,245	1.83	27,898	Tons		1,370	38,220,000
(Prunes)	2010	18,577	2.05	38,083	Tons		1,280	48,746,000
Walnuts, English	2011	22,081	2.73	60,281	Tons		2,400	144,674,000
	2010	21,999	1.83	40,258	Tons		1,780	71,659,000
Miscellaneous <sup>3</sup>	2011	614		1,007	Tons			1,214,000
Fruit & Nut	2010	704		1,493	Tons			825,000
Orchard	2011							12,352,000
by-Products	2010							15,547,000
<b>TOTAL</b>	<b>2011</b>	<b>50,202</b>					<b>\$</b>	<b>244,284,000</b>
	<b>2010</b>	<b>53,350</b>					<b>\$</b>	<b>189,024,000</b>

<sup>1</sup> 2010 totals and values per unit have changed in order to standardize rounding procedures.

<sup>2</sup> 2010 production total correction from 1,241 to 6,234 tons and total from \$103,000 to \$517,000.

<sup>3</sup> Includes Apples, Apricots, Bushberries (Blackberry, Boysenberry & Raspberry), Cherries, Chestnuts, Feijoa (Guava), Figs, Grapefruit, Grapes, Jujubes (Chinese Date), Lemons, Limes, Nectarines, Oranges (Mandarin, Navel & Valencia), Peaches (Freestone), Pecans, Pears, Pistachios, Plums, Pomegranates, Strawberries, Tangerines, Walnuts (Black) and other miscellaneous fruit and nut crops of a limited number of growers/processors in Sutter County.

**FRUIT AND NUT CROPS  
BEARING AND NON-BEARING ACREAGE**

<b>CROP</b>	<b><u>BEARING ACRES</u></b>		<b><u>NON-BEARING ACRES</u></b>	
	<b>2011</b>	<b>2010</b>	<b>2011</b>	<b>2010</b>
Almonds	4,598	4,553	230	217
Apples	8	178	0	2
Apricots	4	6	0	0
Cherries	11	5	0	3
Chestnuts	4	4	0	0
Grapes	42	66	29	22
Kiwifruit	127	104	0	0
Nectarines	16	56	2	6
Olives	531	200	507	789
Oranges <sup>1</sup>	18	43	2	2
Peaches, Cling	6,916	7,120	38	63
Peaches, Freestone	86	87	27	29
Pears	53	55	8	0
Pecans	40	40	4	4
Persimmons	169	193	32	0
Pistachios	55	55	15	8
Plums	77	73	20	34
Dried Plums (Prunes)	15,245	18,577	762	548
Pomegranate	160	100	48	85
Strawberries	22	15	0	0
Walnuts, English	22,081	21,999	9,887	10,135
Miscellaneous <sup>2</sup>	34	29	20	89
<b>TOTAL</b>	<b>50,297</b>	<b>53,558</b>	<b>11,631</b>	<b>12,036</b>

<sup>1</sup> Includes Navel, Valencia and Mandarin.

<sup>2</sup> Includes Bushberries (Blackberry, Boysenberry & Raspberry), Feijoa (Guava), Figs, Grapefruit, Jujubes (Chinese Date), Lemons, Limes, Pluots, Pomegranates and Tangerines.

**FIELD CROPS**  
**ACREAGE, PRODUCTION AND VALUE<sup>1</sup>**

**PRODUCTION**

CROPS	YEAR	HARVESTED		PER		UNIT		TOTAL
		ACREAGE	PER ACRE	TOTAL	UNIT	VALUE		
Beans, <sup>2</sup>	2011	4,766	1.24	5,910	Tons	\$ 969	\$	5,727,000
All dry, edible	2010	6,730	0.94	6,326	Tons	\$ 783	\$	4,953,000
Corn, field	2011	7,700	6.49	49,973	Tons	198		9,895,000
Grain	2010	4,317	5.60	24,175	Tons	163		3,941,000
Hay,	2011	5,955	6.40	38,112	Tons	217		8,270,000
Alfalfa	2010	5,759	6.25	35,994	Tons	121		4,355,000
Hay,	2011	2,093	4.21	8,812	Tons	273		2,406,000
Grain	2010	2,058	3.49	7,182	Tons	90		646,000
Hay,	2011	864	3.99	3,447	Tons	189		651,000
Grass	2010	681	3.62	2,465	Tons	137		338,000
Pasture, <sup>3</sup>	2011	10,750			Acres	125		1,344,000
Irrigated	2010	10,500			Acres	140		1,470,000
Pasture, <sup>4</sup>	2011	65,000			Acres	17		1,105,000
Range, Dry	2010	64,500			Acres	14		903,000
Rice <sup>5</sup>	2011	111,741	4.23	472,664	Tons	352		166,378,000
	2010	115,449	4.30	496,431	Tons	409		203,040,000
Rice,	2011	871	0.75	653	Tons	1,000		653,000
Wild	2010	550	1.00	550	Tons	875		481,000
Safflower <sup>6</sup>	2011	1,941	0.86	1,669	Tons	481		803,000
	2010	1,938	1.12	2,171	Tons	326		708,000
Sorghum, Grain	2011			See Miscellaneous				
	2010	145	2.45	355	Tons	156		55,400
Straw, Grain	2011			See Miscellaneous				
	2010	6,696	1.45	9,709	Tons	37		359,000

Continued

<sup>1</sup> 2010 value per unit and total have changed in order to standardize rounding procedures.

<sup>2</sup> Includes all varieties of edible Dried Beans, including Lima Beans, Blackeye, Garbanzo, Light and Dark Red Kidney Beans, and other miscellaneous beans of a limited number of growers/processors in Sutter County.

<sup>3</sup> The valuation is not an animal production figure but a land value (rental equivalent).

<sup>4</sup> 2010 correction of value per unit from \$10.00 to \$14.00 and correction of total from \$645,000 to \$903,000.

<sup>5</sup> Includes USDA Support Price.

<sup>6</sup> 2010 production total correction from 1,431 to 2,171 tons.

**FIELD CROPS**  
**ACREAGE, PRODUCTION AND VALUE <sup>1</sup>**  
**Continued**

CROPS	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE		TOTAL
			PER ACRE	TOTAL		PER UNIT	TOTAL	
Wheat,	2011	12,905	2.55	32,908	Tons	\$ 205	\$	6,746,000
Grain	2010	12,490	2.45	30,601	Tons	\$ 195	\$	5,967,000
Miscellaneous <sup>7</sup>	2011	4,739		25,306	Tons			3,152,000
Field Crops	2010	5,356		20,386	Tons			3,452,000
Field Crop	2011			82,520	Tons	47		3,878,000
By-Products	2010			81,661	Tons	44		3,593,000
<b>TOTAL</b>	<b>2011</b>	<b>229,325</b>					<b>\$</b>	<b>211,008,000</b>
	2010	237,169					\$	234,261,400

<sup>1</sup> 2010 Value per unit and total have changed in order to standardize rounding procedures.

<sup>7</sup> Includes Barley, Corn (Silage), Cotton, Oat (Silage), Popcorn, Triticale, Vetch and other miscellaneous field crops of a limited number of growers/processors in Sutter County.

**VEGETABLE CROPS**  
**ACREAGE, PRODUCTION AND VALUE <sup>1</sup>**

CROPS	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE		TOTAL
			PER ACRE	TOTAL		PER UNIT	TOTAL	
Melons,	2011	977	10.48	10,239	Tons	\$ 320	\$	3,276,000
Honeydew	2010	2,639	8.60	22,695	Tons	\$ 338	\$	7,671,000
Tomatoes,	2011	7,741	37.01	286,494	Tons	68		19,482,000
Processing	2010	7,331	45.00	329,895	Tons	68		22,433,000
Miscellaneous <sup>2</sup>	2011	73		1,053	Tons			1,087,000
	2010	103		1,122	Tons			1,106,000
<b>TOTAL</b>	<b>2011</b>	<b>8,791</b>					<b>\$</b>	<b>23,845,000</b>
	2010	10,073					\$	31,210,000

<sup>1</sup> 2010 Value per unit and total have changed in order to standardize rounding procedures.

<sup>2</sup> Includes Asparagus, Basil, Beets, Broccoli, Cabbage, Cantaloupe, Carrots, Cauliflower, Cilantro, Corn (sweet), Cucumber, Eggplant, Garlic, Gourds, Green Beans, Herbs, Kale, Melons (Mixed), Okra, Onions, Peas, Peppers, Potatoes, Pumpkins, Squash, Sweet Potatoes, Tomatoes (Fresh Greenhouse), Watermelon and other miscellaneous vegetables of a limited number of growers/processors in Sutter County.



**SEED CROPS  
ACREAGE, PRODUCTION AND VALUE <sup>1</sup>**

CROPS	YEAR	PRODUCTION			VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Beans, <sup>2</sup>	2011	1,060	1,670	1,774,000	Lbs	\$ 0.58	\$ 1,029,000
(Dry)	2010	614	2,230	1,369,000	Lbs	\$ 0.44	\$ 602,000
Cucumber	2011	990	265	262,000	Lbs	10.00	2,620,000
	2010	1,576	304	479,000	Lbs	11.00	5,403,000
Pumpkin & Squash	2011	391	792	310,000	Lbs	3.63	1,125,000
	2010	440	844	371,000	Lbs	2.79	1,035,000
Rice	2011	6,025	6,220	37,476,000	Lbs	0.33	12,367,000
	2010	5,542	8,180	45,311,000	Lbs	0.33	14,953,000
Safflower	2011	450	2,330	1,049,000	Lbs	0.18	189,000
	2010	1,023	1,040	1,064,000	Lbs	0.18	192,000
Sunflower	2011	6,516	1,140	7,428,000	Lbs	1.19	8,839,000
	2010	7,740	953	7,376,000	Lbs	1.18	8,704,000
Watermelon	2011	1,365	387	528,000	Lbs	4.93	2,603,000
	2010	1,610	325	523,000	Lbs	6.15	3,216,000
Wheat	2011	1,901	4,500	8,555,000	Lbs	0.10	856,000
	2010	607	5,000	3,035,000	Lbs	0.10	304,000
Miscellaneous <sup>3</sup>	2011	1,015		667,000	Lbs		2,276,000
	2010	1,173		876,000	Lbs		3,460,000
<b>TOTAL</b>	<b>2011</b>	<b>19,713</b>				<b>\$</b>	<b>31,904,000</b>
	2010	20,325				\$	37,869,000

<sup>1</sup> 2010 totals and values per unit have changed in order to standardize rounding procedures.

<sup>2</sup> Includes Beans (Blackeye, Cowpea, Cranberry, Lima, Dark Red Kidney, Light Red Kidney) and other bean seed crops of a limited number of growers/processors in Sutter County.

<sup>3</sup> Includes Alfalfa, Arugula, Basil, Cabbage, Cantaloupe, Carrots, Cauliflower, Coriander, Lettuce, Mixed Melons, Okra, Onions, Peppers, Radish, Sugar Peas, Swiss Chard, Tomatoes and other miscellaneous seed crops of a limited number of growers/processors in Sutter County.

**APIARY PRODUCTS  
PRODUCTION AND VALUE <sup>1</sup>**

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
Pollination	2011	39,500	Colony	\$ 104	\$ 4,108,000
	2010	39,600	Colony	\$ 58	\$ 2,297,000
Miscellaneous <sup>2</sup>	2011				937,000
	2010				966,000
<b>TOTAL</b>	<b>2011</b>			<b>\$</b>	<b>5,045,000</b>
	2010			\$	3,263,000

<sup>1</sup> 2010 totals and values per unit have changed in order to standardize rounding procedures.

<sup>2</sup> Includes Package Bees, Queen Bees, Wax and Honey.

**NURSERY PRODUCTS**  
**ACREAGE, PRODUCTION AND VALUE <sup>1</sup>**

<b>NURSERY PRODUCTS</b>	<b>YEAR</b>	<b>FIELD ACRES</b>	<b>QUANTITY SOLD</b>	<b>UNIT</b>	<b>TOTAL</b>
Fruit & Nut (Bareroot & Potted)	2011	170	3,290,000	Each	\$ 15,803,000
Trees and Vines	2010	165	2,581,000	Each	\$ 13,304,000
Miscellaneous <sup>2</sup>	2011	10	9,500	Each	299,000
	2010	6	1,790	Each	4,570
<b>TOTAL</b>	<b>2011</b>	<b>180</b>			<b>\$ 16,102,000</b>
	2010	171			\$ 13,308,570

<sup>1</sup> 2010 totals and value per unit have changed in order to standardize rounding procedures.

<sup>2</sup> Includes Ornamental Trees, Shrubs and other Nursery Stock. Large increase in high-value Landscape plants.

**LIVESTOCK PRODUCTS**  
**PRODUCTION AND VALUE <sup>1</sup>**

**PRODUCTION**

<b>ITEM</b>	<b>YEAR</b>	<b>NUMBER</b>	<b>LIVE WEIGHT</b>	<b>UNIT</b>	<b>UNIT VALUE</b>	<b>TOTAL</b>
Cattle & Calves <sup>2</sup>	2011	7,700		Head	\$ 960.00	\$ 7,392,000
	2010	10,570	79,022	Cwt.	\$ 80.10	\$ 6,330,000
Sheep & Lambs	2011	15,655	24,174	Cwt.	98.61	2,384,000
	2010	15,733	25,173	Cwt.	86.50	2,177,000
Wool <sup>3</sup>	2011	90,850		Lbs.	1.30	118,000
	2010	94,779		Lbs.	0.97	92,000
Miscellaneous <sup>4</sup>	2011					5,101,000
	2010					4,102,000
Livestock By-Products	2011					4,460
	2010					3,600
<b>TOTAL</b>	<b>2011</b>					<b>\$ 14,999,460</b>
	2010					\$ 12,704,600

<sup>1</sup> 2010 Totals have changed in order to standardize rounding procedures.

<sup>2</sup> 2011 Cattle and Calves production unit changed to Head from Hundredweight (Cwt).

<sup>3</sup> Includes USDA Support Price.

<sup>4</sup> Includes Alpaca, Angora Fur, Aquaculture, Chickens, Chicken Eggs, Duck, Fish Bait, Geese, Goats, Hogs, Milk (Market), Game Birds, Musk Oxen, Pheasants, Pigeons, Rabbits, Rabbit Hides, Turkeys, Water Buffalo and other miscellaneous livestock and poultry of a limited number of growers/processors in Sutter County.

**SUMMARY**  
**FARM VALUE OF AGRICULTURAL PRODUCTION <sup>1</sup>**

	<b>2010</b>		<b>2011</b>
FRUIT & NUT CROPS	\$ 189,024,000	FRUIT & NUT CROPS	\$ 244,284,000
FIELD CROPS	\$ 234,261,400	FIELD CROPS	\$ 211,008,000
VEGETABLE CROPS	\$ 31,210,000	VEGETABLE CROPS	\$ 23,845,000
SEED CROPS	\$ 37,869,000	SEED CROPS	\$ 31,904,000
APIARY PRODUCTS	\$ 3,263,000	APIARY PRODUCTS	\$ 5,045,000
NURSERY PRODUCTS	\$ 13,308,570	NURSERY PRODUCTS	\$ 16,102,000
LIVESTOCK PRODUCTS	\$ 12,704,600	LIVESTOCK PRODUCTS	\$ 14,999,460
<b>TOTAL</b>	<b>\$ 521,640,570</b>		<b>\$ 547,187,460</b>

<sup>1</sup> 2010 values and 2010 total have changed in order to standardize rounding procedures.

**TEN LEADING CROPS AND VALUE<sup>1</sup>**  
(Excluding By-Products)

	<b>2010</b>		<b>2011</b>
RICE <sup>2</sup>	\$ 217,993,000	RICE	\$ 178,745,000
WALNUTS	\$ 71,659,000	WALNUTS	\$ 144,674,000
DRIED PLUMS (PRUNES)	\$ 48,746,000	DRIED PLUMS (PRUNES)	\$ 38,220,000
PEACHES	\$ 32,286,000	PEACHES	\$ 33,247,000
TOMATOES	\$ 22,433,000	TOMATOES	\$ 19,482,000
ALMONDS	\$ 17,355,000	NURSERY PRODUCTS	\$ 16,102,000
NURSERY PRODUCTS	\$ 13,308,570	ALMONDS	\$ 12,446,000
CATTLE & CALVES <sup>3</sup>	\$ 6,330,000	CORN	\$ 9,895,000
WHEAT	\$ 6,271,000	ALFALFA	\$ 8,270,000
BEANS	\$ 5,555,000	WHEAT	\$ 7,602,000

<sup>1</sup> 2010 values have changed in order to standardize rounding procedures.

<sup>2</sup> Includes Seed. Rice does not include Wild Rice.

<sup>3</sup> Revised 2010 value ranking.

**GROSS VALUE  
OF  
AGRICULTURAL PRODUCTION**

<u>YEAR</u>	<u>VALUE</u>	<u>YEAR</u>	<u>VALUE</u>
1954	\$ 38,783,000	1983	\$ 205,335,300
1955	\$ 43,224,000	1984	\$ 262,285,500
1956	\$ 49,381,000	1985	\$ 255,449,600
1957	\$ 41,313,000	1986	\$ 229,364,800
1958	\$ 38,786,000	1987	\$ 216,183,600
1959	\$ 50,707,000	1988	\$ 201,345,800
1960	\$ 50,536,000	1989	\$ 243,940,200
1961	\$ 55,585,000	1990	\$ 217,400,000
1962	\$ 57,322,000	1991	\$ 268,941,900
1963	\$ 55,155,000	1992	\$ 285,622,700
1964	\$ 66,740,000	1993	\$ 292,108,300
1965	\$ 64,564,000	1994	\$ 340,171,300
1966	\$ 71,627,000	1995	\$ 330,170,500
1967	\$ 69,313,000	1996	\$ 302,706,400
1968	\$ 80,275,000	1997	\$ 277,169,700
1969	\$ 74,006,000	1998	\$ 268,323,100
1970	\$ 77,238,000	1999	\$ 347,939,000
1971	\$ 82,209,000	2000	\$ 340,176,000
1972	\$ 95,118,000	2001	\$ 264,673,000
1973	\$ 159,204,000	2002	\$ 291,061,100
1974	\$ 179,719,000	2003	\$ 307,322,300
1975	\$ 187,517,000	2004	\$ 299,219,300
1976	\$ 178,554,000	2005	\$ 305,190,190
1977	\$ 200,878,000	2006	\$ 358,845,200
1978	\$ 220,502,000	2007	\$ 377,940,800
1979	\$ 258,666,900	2008	\$ 498,195,200
1980	\$ 299,014,700	2009	\$ 475,691,100
1981	\$ 316,465,900	2010	\$ 521,640,570
1982	\$ 247,784,100	2011	\$ 547,187,460

## AGRICULTURAL PRODUCTION COMPARISON

COUNTY	2010 RANK	GROSS VALUE *	TOTAL COUNTY ACRES **	AGRICULTURAL LAND ***	AGRICULTURAL LAND PERCENT	AG VALUE PER COUNTY ACRES
Fresno	1	\$ 5,944,758,000	3,816,320	1,636,224	43%	\$ 1,557.72
Tulare	2	\$ 4,863,705,000	3,158,400	1,168,684	37%	\$ 1,539.93
Kern	3	\$ 4,757,260,700	5,229,440	2,361,765	45%	\$ 909.71
Monterey	4	\$ 4,006,235,000	2,127,359	1,327,972	62%	\$ 1,883.20
<b>Sutter ****</b>	<b>22</b>	<b>521,640,570</b>	<b>389,402</b>	<b>359,802</b>	<b>92%</b>	<b>\$ 1,339.59</b>

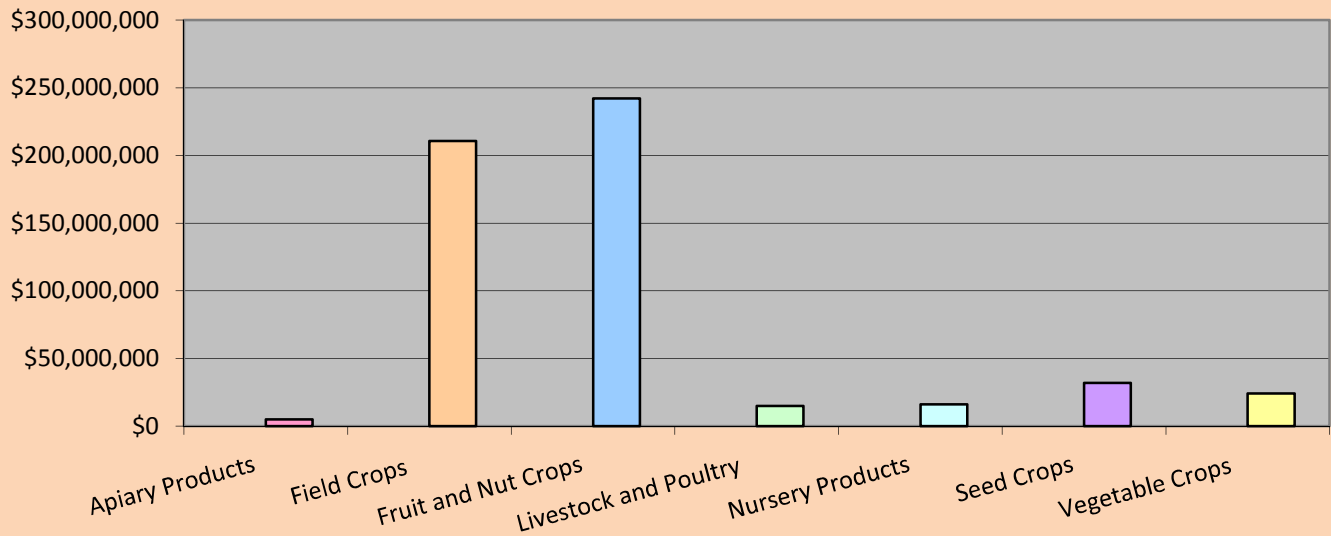
\* County Crop Report

\*\*State of California Public Land Survey

\*\*\* 2007 Census of Agriculture

\*\*\*\* 2010 Total value has changed to standardize rounding procedures

### 2011 SUTTER COUNTY AGRICULTURAL PRODUCTION (VALUE IN MILLIONS OF DOLLARS)



# 2011 SUTTER COUNTY EXPORTS

## VEGETABLE/GRASS SEEDS

Seeds include the following: Apricot, artichoke, asparagus, bean, beet, bermuda grass, broccoli, blueberry, cabbage, cauliflower, carrot, celery, chard (swiss), cherry, collards, coriander, corn, cranberry, cucumber, dates, dichondra, eggplant, kernel, kohlrabi, leek, lettuce, melon, mayocoba, mustard, okra, onions, parsley, peas, peppers, pumpkin, radish, raspberry, safflower, spinach, squash, tomatoes, turnips, watermelon & zucchini

Algeria	France	Italy	Paraguay	Switzerland
Angola	Ghana	Jamaica	Peru	Syria Arab Republic
Argentina	Greece	Japan	Poland	Trinidad & Tobago
Australia	Germany	Jordan	Portugal	Turkey
Bolivia	Grenada	Kenya	Republic of Korea	Ukraine
Brazil	Guatemala	Kuwait	Republic of Yemen	United Arab Emirates
Chile	Guyana	Lebanon	Romania	Uruguay
China	Haiti	Mauritius	Russian Federation	Venezuela
Colombia	Hong Kong	Mexico	Saudi Arabia	Vietnam
Costa Rica	Honduras	Morocco	Sri Lanka	Yemen
Dominican Republic	India	Netherlands	South Africa	
Ecuador	Iran	Nicaragua	Spain	
Egypt	Iraq	Pakistan	Sudan	
Fiji	Israel	Panama	Suriname	

## DRIED PLUMS (PRUNES)

Algeria	Kazakhstan
Australia	Kuwait
Brazil	Lebanon
China	Lithuania
Costa Rica	Malaysia
Dominican Republic	Malta
Ecuador	New Zealand
Egypt	Panama
El Salvador	Poland
France	Republic of Korea
Germany	Russian Federation
Greece	Spain
Hong Kong	Switzerland
India	Taiwan
Indonesia	Thailand
Israel	Turkey
Italy	Ukraine
Japan	United Arab Emirates
Jordan	United Kingdom

## WALNUT - MEATS AND IN SHELL

Algeria, Australia, Bosnia, Brazil, Chili, China, Cyprus, Egypt, Germany, Greece, Hong Kong, India, Israel, Italy, Japan, Jordan, Latvia, Lithuania, Netherlands, Republic of Korea, Spain, Switzerland, Taiwan, Turkey, United Arab Emirates, United Kingdom, Venezuela

## PADDY RICE/WILD RICE

Brazil, China, Germany, Hungary, Spain, Turkey

## DRY BEANS/PEAS

Argentina, Australia, Bahamas, Belize, Bolivia, Columbia, Costa Rica, Ecuador, Italy, Jamaica, Japan, Portugal Syrian Arab Republic, Taiwan

## PISTACHIO

Poland

# SUSTAINABLE AGRICULTURE

## JANUARY - DECEMBER 2011

<p style="text-align: center;"><b><u>REGISTERED ORGANIC FARMING</u></b></p> <p>Thirty three (33) Organic Producers (farming 12,134 Acres) Two (3) Handlers and Two (2) Processors</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><b><u>PEST EXCLUSION</u></b></td> <td style="width: 20%; text-align: center;"><b><u>Total Units Inspected</u></b></td> <td style="width: 20%; text-align: center;"><b><u>Total Acres Inspected</u></b></td> </tr> <tr> <td>Interstate, Intrastate</td> <td style="text-align: center;">4,096</td> <td></td> </tr> <tr> <td>Phytosanitary Field Inspection</td> <td></td> <td style="text-align: center;">10,577</td> </tr> </table>	<b><u>PEST EXCLUSION</u></b>	<b><u>Total Units Inspected</u></b>	<b><u>Total Acres Inspected</u></b>	Interstate, Intrastate	4,096		Phytosanitary Field Inspection		10,577
<b><u>PEST EXCLUSION</u></b>	<b><u>Total Units Inspected</u></b>	<b><u>Total Acres Inspected</u></b>								
Interstate, Intrastate	4,096									
Phytosanitary Field Inspection		10,577								

<b><u>BIOLOGICAL CONTROL</u></b>				
<b><u>Pest</u></b>	<b><u>Control Agent</u></b>	<b><u>Scientific Name</u></b>	<b><u>Program Scope*</u></b>	<b><u>Distribution*</u></b>
Puncturevine ( <i>Tribulus terrestris</i> )	Puncturevine Seed Weevil	( <i>Microlarinus lareynii</i> )	Countywide	General
	Puncturevine Stem Weevil	( <i>M. lypriformis</i> )	Countywide	General
Yellow Starthistle ( <i>Centaurea solstitialis</i> )	Yellow Starthistle Bud Weevil	( <i>Bangasternus orientalis</i> )	10 sites	Locally established
	Yellow Starthistle Hairy Weevil	( <i>Eustenopus villosus</i> )	10 sites	Locally established
	Yellow Starthistle Flower Weevil	( <i>Larinus curtus</i> )	2 sites	Locally established
	False Peacock Fly	( <i>Chaetorellia succinea</i> )	Countywide	General
	Peacock Fly	( <i>C. australis</i> )	Countywide	General
	Gall Fly	( <i>Urophora sirunaseva</i> )	Countywide	General
Red Gum Lerp Psyllid ( <i>Glycaspis brimblecombei</i> )	Lerp Psyllid Wasp	( <i>Psyllaephagus bliteus</i> )	2 sites	Locally established

<b><u>PEST DETECTION</u></b>	<b><u>Traps in Operation (Seasonal High)</u></b>	<b><u>Total Number of Services</u></b>
Khapra Beetle	114	225
McPhail	12	219
Vine Mealy Bug	10	88
Light Brown Apple Moth	114	1,400
European Pine Shoot Moth	5	24
Glassy-Winged Sharpshooter	115	1,957
Gypsy Moth	61	485
Japanese Beetle	42	340
Mediterranean Fruit Fly	110	1,368
Melon Fruit Fly	42	494
Oriental Fruit Fly	42	532

<b><u>VERTEBRATE PEST CONTROL</u></b>	
<b><u>CONTROL AGENTS</u></b>	<b><u>Units Used/Sold</u></b>
Anticoagulant Bait	1,325
Zinc Phosphide Bait	600

<b><u>NURSERY INSPECTION</u></b>	<b><u>Visual Hours</u></b>	<b><u>Number of Properties</u></b>	<b><u>Number of Acres</u></b>
	59	46	231

<b><u>WEED MANAGEMENT AREA PROGRAMS</u></b>			
	<b><u>Sites</u></b>	<b><u>Hours</u></b>	<b><u>Acres</u></b>
<i>Arundo donax</i> L.	9	146	6

\*Represents number of sites or crop control agents incorporated into program.

**SUTTER COUNTY AGRICULTURAL COMMISSIONERS OFFICE  
SEALER OF WEIGHTS AND MEASURES  
DIRECTOR of UNDERGROUND STORAGE of HAZARDOUS MATERIALS (CUPA)**

*2011 Department Statistics*

**Pest Exclusion**

This program provides the first line of defense for California agriculture and the environment against the invasion of exotic pests. Inspections provide protection from the introduction of plant and animal insect and disease pests that may be introduced into the state through the movement of legal or illegal trade. This program also involves inspections of plant material being delivered to other states and countries and the issuance of certificates documenting compliance with their entry requirements.

*Total Hours Expended 2011: 7,872*

**Pest Detection**

This program provides the second line of defense against exotic pests through the early detection of new introductions before they become widely established. Through early detection the likelihood of these pests becoming established in the state is lessened and the cost and environmental impact of eradication is minimized.

*Total Hours Expended 2011: 1,342*

**Pest Management**

The county Ag Commissioner is charged with the responsibility of managing nuisance pests of agriculture and human health. Many of these pests are introduced species that have become established despite our best pest exclusion efforts. If promising, programs are established to distribute biological agents for troublesome pests.

*Total Hours Expended 2011: 3,732*

**Pesticide Use Enforcement**

This is a complex legislatively mandated program that provides for the proper, safe, and effective use of pesticides essential for production of food and fiber and for protection of the public health and safety. It also protects the environment from potentially harmful pesticides by prohibiting, regulating or ensuring proper stewardship of pesticides. An important component of the program focuses on agricultural and pest control workers, ensuring safe working conditions, use of proper protective equipment and training for employees who work with or around pesticides. Other components of the program include pesticide use reporting, incident investigations, outreach activities promoting best management practices, and monitoring applications in the field.

*Total Hours Expended 2011: 12,135*



## Consumer Protection and Services

**Seed Certification:** Inspections are performed at retail and wholesale establishments that sell seed. Samples are drawn for germination and purity testing, and labeling is inspected for compliance with state requirements. Through this program certification services are also available for growers and processors in cooperation with the California Crop Improvement Association.

***Total Hours Expended 2011: 253***

**Nursery Inspection:** Through this program inspections are performed at the growing, propagation, production and sales site to assure cleanliness from pests, varietal trueness and stock vigor prior to consumer sales.

***Total Hours Expended 2011: 83***

**Fruit, Nut, and Vegetable Standardization:** This program ensures compliance with California's minimum standards regarding quality and marketing of all produce commercially grown and/or marketed in the state. Direct Marketing regulation and Organic law enforcement are part of a program that provides for local protection to growers, marketers and consumers.

***Total Hours Expended 2011: 321***

**Apiary Inspection:** A program that emphasizes the registration and site location of honeybee colonies in the county. At the request of beekeepers or growers, the county Ag Commissioner inspects colonies for strength and health to ensure effective pollination.

***Total Hours Expended 2011: 18***

**Crop Statistics:** As required by the California Food and Agricultural Code, the gross production and value of the county's commodities are compiled and recorded in the annual crop report. This valuable information helps associated businesses while promoting the production and prosperity of agriculture in California.

***Total Hours Expended 2011: 293***

**Predatory Animal Damage Control:** In cooperation with USDA's Animal and Plant Health Inspection Service-Wildlife Services, this program responds to requests by the public and agencies in need of assistance in managing wildlife damage. The program has the authority to assist in solving problems that are created when wildlife causes damage to agricultural property or natural resources. The program also assists with wildlife problems involving threats to human health and safety and threatened or endangered species.

***Total Hours Expended 2011: 1,535***

**Measurement Standards:** County weights and measures officials ensure the accuracy of commercial weighing and measuring devices, verify the quantity of both bulk and packaged commodities; and enforce the quality, advertising and labeling standards for most petroleum products.

*Total Hours Expended 2011: 2,656*

**Certified Unified Program Agency (CUPA):** The Unified Program is the consolidation of six state environmental programs into one program under the authority of a Certified Unified Program Agency. This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994. A CUPA, or Certified Unified Program Agency is a local agency that has been certified by Cal-EPA to implement the six state environmental programs within the local agency's jurisdiction. The six programs include inspecting farms subject to the Hazardous Materials Business Plan, Hazardous Waste Generator/Tiered Permitting Program, and Aboveground Storage Tank Program. SCAD will inspect all farms subject to these programs on a three-year basis. SCAD will incorporate any previously unidentified farms subject to these requirements into the three-year inspection cycle

*Total Hours Expended 2011: 70*

*Program Details can be found at:*

[www.suttercounty.org/infocenter/programs/42330](http://www.suttercounty.org/infocenter/programs/42330)

AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES  
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ASSISTANT AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES  
Mark Brown

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ACCOUNT CLERK III  
SECRETARY  
OFFICE ASSISTANT II