

# SUTTER COUNTY 2012 CROP REPORT



**Crop, Livestock & Annual Department Report**

## Wine Grapes Take Root in Sutter County

Bright green leaves burst from the vines and untamed grape clusters ripen red and sweet — wonderful indicators of winemaking to come. Cordi Winery has become the first top award-winning winery in Sutter County. When Mother Nature toppled 65-percent of the almond trees previously planted on the Cordi property, the Cordi's decided to make a dream come true. The first vines were planted in 2009 and wine made from the first harvest of those vines received a bronze award at the 2013 San Francisco Chronicle Wine Competition. Nestled at the base of the Sutter Buttes, Reece Cordi's vineyard has affirmed in just one year's time that the soil that grew the farmer's almonds so well for decades is also prime growing grounds for wine grapes.

Wine and grapes are usually not associated with Sutter County but Reece made the first steps toward becoming the county's first winemaker. With farming as one full-time job and wine-making the other full-time job, with the help of all family members deadline-oriented seasons are always met.

Although Cabernet, Zinfandel and its Italian cousin Primitivo, are mainstays in the California wine industry, Cordi's selections are more experimental varietals that should thrive in the valley heat. Cordi's viticulture dream dates back more than three decades and he says he is proud to help return grapes nectar back to Sutter County. Following are Cordi's Winery recent awards:

### 2012 San Francisco Chronicle Wine Competition

GOLD - 2010 Primitivo

### 2012 California State Fair

SILVER Best of Class - 2010 Primitivo

### 2013 San Francisco Chronicle Wine Competition

SILVER - 2009 Sauvignon Blanc & 2009 Cabernet Sauvignon  
BRONZE - 2009 Pinot Grigio, 2009 Zinfandel, 2009 Petite Sirah  
2011 Estate Primitivo

### 2013 Orange County Wine Competition

GOLD - 2009 Petite Sirah  
BRONZE - 2009 Zinfandel, 2011 Estate Primitivo

### 2013 California State Fair

BRONZE - 2009 Sauvignon Blanc





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

July 26, 2013

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

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

In accordance with Section 2272 and 2279 of the California Food and Agricultural Code, I am pleased to submit the 2012 Sutter County Agricultural Crop Report. Sutter County's gross agricultural production value totaled \$527,004,000 with Rice, Walnuts, Dried Plums (Prunes), Peaches (processing), Tomatoes (processing) and Nursery Products as the leading agricultural commodities.

2012, and the months preceding it, began on a dry note. This forced growers to irrigate their orchard and field crops much to their discontent. Then a late, wet March delayed planting while a seasonably cool spring had many growers pondering what the summer would bring. Summer did finally arrive, allowing crops to adequately mature and produce the yields anticipated. Labor shortages, however, hampered peach harvest, which presented challenges for many growers.

As outlined in this crop report, almond yields dipped slightly but higher prices prevailed; olive production nearly doubled adding to a healthy return; cling peach returns were up slightly; dried plum yields increased only to be offset slightly by lower returns; walnut production and returns remained favorable; dry bean production nearly doubled, increasing returns upwards; strong demand for hay continued, allowing for good returns; rice acreage increased slightly while production dropped slightly; wild rice also had increased acreage and returns; and for all other crops production was favorable.

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 \$2.1 Billion to our economy in 2012.

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 blue ink signature of Mark P. Quisenberry, consisting of a stylized 'M' and 'Q' followed by a long horizontal line.

Mark P. Quisenberry,  
Agricultural Commissioner

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**FRUIT AND NUT CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACRES	PER ACRE			PER UNIT	TOTAL	
Almond,	2012	4,324	0.54	2,335	Tons	\$	4,702 \$	10,979,000
Meats	2011	4,498	0.73	3,284	Tons	\$	3,790 \$	12,446,000
Almond,	2012			2,919	Tons		115	336,000
Hulls	2011			4,925	Tons		80	394,000
Kiwifruit	2012	166	8.46	1,404	Tons		614	862,000
	2011	127	6.60	838	Tons		1,210	1,014,000
Olive	2012	661	3.98	2,631	Tons		550	1,447,000
	2011	507	2.60	1,318	Tons		449	592,000
Peach,	2012	7,110	16.70	118,737	Tons		303	35,977,000
Cling	2011	6,961	16.70	116,249	Tons		286	33,247,000
Persimmon	2012	167	13.68	2,285	Tons		572	1,307,000
	2011	169	1.19	201	Tons		650	131,000
Dried Plum	2012	15,648	2.57	40,215	Tons		1,307	52,561,000
(Prune)	2011	15,245	1.83	27,898	Tons		1,370	38,220,000
Walnut, English <sup>1</sup>	2012	26,060	1.64	42,738	Tons		2,686	114,794,000
	2011	25,939	1.89	49,025	Tons		2,400	117,660,000
Miscellaneous <sup>2</sup>	2012	756		3,271	Tons			2,697,000
Fruit & Nut	2011	614		1,007	Tons			1,214,000
Orchard	2012							8,700,000
By-Products	2011							12,352,000
<b>TOTAL</b>	<b>2012</b>	<b>54,892</b>					<b>\$</b>	<b>229,660,000</b>
	2011	<b>54,060</b>					<b>\$</b>	<b>217,270,000</b>

<sup>1</sup> Adjusted figures for 2011 English Walnut harvested acreage, per acre yield, total production and total value.

<sup>2</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**

CROP	BEARING ACRES		NON-BEARING ACRES	
	2012	2011	2012	2011
Almond <sup>1</sup>	4,324	4,498	287	230
Kiwifruit	166	127	0	0
Olive	661	531	99	507
Peach, Cling	7,110	6,916	282	38
Persimmon	167	169	10	32
Dried Plum (Prune)	15,648	15,245	625	762
Walnut, English <sup>2</sup>	26,060	25,939	5,094	6,029
Miscellaneous <sup>3</sup>	756	630	244	175
<b>TOTAL</b>	<b>54,892</b>	<b>54,055</b>	<b>6,641</b>	<b>7,773</b>

<sup>1</sup> Adjusted figure for 2011 Almond bearing acreage.

<sup>2</sup> Adjusted figure for 2011 English Walnut bearing and non-bearing acreage.

<sup>3</sup> Includes Apricot, Apple, Bushberries (Blackberry, Boysenberry & Raspberry), Cherry, Chestnut, Feijoa (Guava), Fig, Grape, Grapefruit, Jujube (Chinese Date), Lemon, Limes, Oranges (including Navel, Valencia and Mandarin), Pear, Pecan, Pistachio, Pluot, Pomegranate and Tangerine.

**VEGETABLE CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION			VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Melons,	2012	0	-	-	Tons	\$ -	0
Honeydew	2011	977	10.48	10,239	Tons	\$ 320	\$ 3,276,000
Tomato,	2012	7,827	37.84	296,174	Tons	72	\$ 21,325,000
Processing	2011	7,741	37.01	286,494	Tons	68	\$ 19,482,000
Miscellaneous <sup>1</sup>	2012	84		1,139	Tons		1,286,000
	2011	73		1,053	Tons		1,087,000
<b>TOTAL</b>	<b>2012</b>	<b>7,911</b>					<b>\$ 22,611,000</b>
	<b>2011</b>	<b>7,814</b>					<b>\$ 23,845,000</b>

<sup>1</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, Pea, Peppers, Potatoes, Pumpkin, Squash, Sweet Potatoes, Tomato (Fresh Greenhouse), Watermelon and other miscellaneous vegetables of a limited number of growers/processors in Sutter County.

## FIELD CROPS ACREAGE, PRODUCTION AND VALUE

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	UNIT		TOTAL
		HARVESTED ACREAGE	PER ACRE			VALUE	VALUE	
Bean, <sup>1</sup>	2012	9,166	0.81	7,405	Tons	\$	979	\$ 7,246,000
All dry, edible	2011	4,766	1.24	5,910	Tons	\$	969	\$ 5,727,000
Corn, field	2012	9,813	5.12	50,243	Tons		210	10,551,000
Grain	2011	7,700	6.49	49,973	Tons		198	9,895,000
Hay,	2012	6,572	6.40	42,061	Tons		203	8,538,000
Alfalfa	2011	5,955	6.40	38,112	Tons		217	8,270,000
Hay,	2012	2,913	3.72	10,839	Tons		152	1,645,000
Grain	2011	2,093	4.21	8,812	Tons		273	2,406,000
Hay,	2012	539	4.91	2,645	Tons		194	513,000
Grass	2011	864	3.99	3,447	Tons		189	651,000
Pasture, <sup>2</sup>	2012	10,500			Acres		180	1,890,000
Irrigated	2011	10,750			Acres		125	1,344,000
Pasture,	2012	64,500			Acres		16	1,032,000
Range, Dry	2011	65,000			Acres		17	1,105,000
Rice <sup>3</sup>	2012	115,550	4.04	466,822	Tons		350	163,388,000
	2011	111,741	4.23	472,664	Tons		352	166,378,000
Rice,	2012	1,098	0.78	856	Tons		1,448	1,239,000
Wild	2011	871	0.75	653	Tons		1,000	653,000
Safflower	2012	1,942	0.80	1,554	Tons		504	783,000
	2011	1,941	0.86	1,669	Tons		481	803,000
Wheat,	2012	11,475	2.48	28,458	Tons		226	6,432,000
Grain	2011	12,905	2.55	32,908	Tons		205	6,746,000
Miscellaneous <sup>4</sup>	2012	6,331		23,537	Tons			3,478,000
Field Crops	2011	4,739		25,306	Tons			3,152,000
Field Crop	2012			69,979	Tons		47	3,289,000
By-Products	2011			82,520	Tons		47	3,878,000
<b>TOTAL</b>	<b>2012</b>	<b>240,399</b>					<b>\$</b>	<b>210,024,000</b>
	<b>2011</b>	<b>229,325</b>					<b>\$</b>	<b>211,008,000</b>

<sup>1</sup> Includes all varieties of edible Dried Bean, including Lima, Blackeye, Garbanzo, Light and Dark Red Kidney Bean, and other miscellaneous Beans of a limited number of growers/processors in Sutter County.

<sup>2</sup> The valuation is not an animal production figure but a land value (rental equivalent).

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

<sup>4</sup> Includes Barley, Corn (Silage), Cotton, Oats (Silage), Popcorn, Triticale, Vetch, Sorghum and other miscellaneous field crops of a limited number of growers/processors in Sutter County.

**SEED CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION			VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	
Bean, <sup>1</sup>	2012	895	1,808	1,618,000	Lbs	\$ 0.57	\$ 922,000
(Dry)	2011	1,060	1,670	1,774,000	Lbs	0.58	1,029,000
Cucumber	2012	926	249	231,000	Lbs	9.28	2,144,000
	2011	990	265	262,000	Lbs	10.00	2,620,000
Pumpkin & Squash	2012	433	461	200,000	Lbs	5.27	1,054,000
	2011	391	792	310,000	Lbs	3.63	1,125,000
Rice	2012	3,218	8,120	26,126,000	Lbs	0.25	6,532,000
	2011	6,025	6,220	37,476,000	Lbs	0.33	12,367,000
Safflower	2012	876	2,477	2,170,000	Lbs	0.27	586,000
	2011	450	2,330	1,049,000	Lbs	0.18	189,000
Sunflower	2012	9,682	1,278	12,374,000	Lbs	1.20	14,849,000
	2011	6,516	1,140	7,428,000	Lbs	1.19	8,839,000
Watermelon	2012	1,219	296	361,000	Lbs	6.16	2,224,000
	2011	1,365	387	528,000	Lbs	4.93	2,603,000
Wheat	2012	541	4,660	2,520,000	Lbs	0.12	302,000
	2011	1,901	4,500	8,555,000	Lbs	0.10	856,000
Miscellaneous <sup>2</sup>	2012	655		424,000	Lbs		1,900,000
	2011	1,015		667,000	Lbs		2,276,000
<b>TOTAL</b>	<b>2012</b>	<b>18,445</b>				<b>\$</b>	<b>30,513,000</b>
	2011	19,713				\$	31,904,000

<sup>1</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>2</sup> Includes Alfalfa, Arugula, Basil, Beans (Fresh), Broccoli, Cabbage, Cantaloupe, Carrots, Cauliflower, Coriander, Gourds, Kale, Lettuce, Onion, Peppers, Mixed Melons, Okra, Radish, Sugar Peas, Swiss Chard, Tomato, Tomatillo, Wild Rice and other miscellaneous number of seed crops of a limited growers/processors in Sutter County.

**APIARY PRODUCTS  
PRODUCTION AND VALUE**

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
Pollination <sup>1</sup>	2012	45,100	Colony	\$ 45	\$ 2,030,000
	2011	39,500	Colony	\$ 54	\$ 2,133,000
Miscellaneous <sup>2</sup>	2012				1,333,000
	2011				937,000
<b>TOTAL</b>	<b>2012</b>			<b>\$</b>	<b>3,363,000</b>
	2011			\$	3,070,000

<sup>1</sup> Adjusted figures for 2011 Pollination Value per Unit and Total Value

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



**NURSERY PRODUCTS  
ACREAGE, PRODUCTION AND VALUE**

NURSERY PRODUCTS	YEAR	FIELD ACRES	QUANTITY SOLD	UNIT	TOTAL
Fruit & Nut (Bareroot & Potted)	2012	163	3,453,000	Each	\$ 16,757,000
Trees and Vines	2011	170	3,290,000	Each	\$ 15,803,000
Miscellaneous <sup>1</sup>	2012	6	25,064	Each	264,000
	2011	10	9,500	Each	299,000
<b>TOTAL</b>	<b>2012</b>				<b>\$ 17,021,000</b>
	2011				\$ 16,102,000

<sup>1</sup> Includes Ornamental Trees, Shrubs and other Nursery Stock.

**LIVESTOCK PRODUCTS  
PRODUCTION AND VALUE**

ITEM	YEAR	NUMBER	LIVE WEIGHT	UNIT	UNIT VALUE	TOTAL
Cattle & Calves <sup>1</sup>	2012	6,080	44,779	Cwt.	\$ 125.00	\$ 5,597,000
	2011	7,700	50,286	Cwt.	\$ 147.00	\$ 7,392,000
Sheep & Lambs	2012	15,812	24,508	Cwt.	115.00	2,824,000
	2011	15,655	24,174	Cwt.	98.61	2,384,000
Wool <sup>2</sup>	2012	113,846		Lbs.	1.67	190,000
	2011	90,850		Lbs.	1.30	118,000
Miscellaneous <sup>3</sup>	2012					5,197,000
	2011					5,101,000
Livestock By-Products	2012					4,000
	2011					4,460
<b>TOTAL</b>	<b>2012</b>					<b>\$ 13,812,000</b>
	2011					\$ 14,999,460

<sup>1</sup> 2011 live weight and unit value changed from per Head to per hundred weight.

<sup>2</sup> Includes USDA Support Price.

<sup>3</sup> Includes Alpaca & Angora Fur, Aquaculture, Chickens, Chicken Eggs, Ducks, 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**

	<b>2011</b>		<b>2012</b>
FRUIT & NUT CROPS <sup>1</sup>	\$ 217,270,000	FRUIT & NUT CROPS	\$ 229,660,000
FIELD CROPS	\$ 211,008,000	FIELD CROPS	\$ 210,024,000
SEED CROPS	\$ 31,904,000	SEED CROPS	\$ 30,513,000
VEGETABLE CROPS	\$ 23,845,000	VEGETABLE CROPS	\$ 22,611,000
NURSERY PRODUCTS	\$ 16,102,000	NURSERY PRODUCTS	\$ 17,021,000
LIVESTOCK PRODUCTS	\$ 14,999,460	LIVESTOCK PRODUCTS	\$ 13,812,000
APIARY PRODUCTS <sup>2</sup>	\$ 3,070,000	APIARY PRODUCTS	\$ 3,363,000
<b>TOTAL</b>	<b>\$ 518,198,460</b>		<b>\$ 527,004,000</b>

<sup>1</sup> Revised 2011 Fruit and Nut Total value

<sup>2</sup> Revised 2011 Apiary Total value

**TEN LEADING CROPS AND VALUE**  
(Excluding By-Products)

	<b>2011</b>		<b>2012</b>
RICE <sup>1</sup>	\$ 178,745,000	RICE	\$ 169,920,000
WALNUTS <sup>2</sup>	\$ 117,660,000	WALNUTS	\$ 114,794,000
DRIED PLUMS (PRUNES)	\$ 38,220,000	DRIED PLUMS (PRUNES)	\$ 52,561,000
PEACHES (PROCESSING)	\$ 33,247,000	PEACHES (PROCESSING)	\$ 35,977,000
TOMATOES (PROCESSING)	\$ 19,482,000	TOMATOES (PROCESSING)	\$ 21,325,000
NURSERY PRODUCTS	\$ 16,102,000	NURSERY PRODUCTS	\$ 17,021,000
ALMONDS	\$ 12,446,000	SUNFLOWER (SEED)	\$ 14,849,000
CORN (FIELD)	\$ 9,895,000	ALMONDS	\$ 10,979,000
SUNFLOWERS (SEED) <sup>3</sup>	\$ 8,839,000	CORN (FIELD)	\$ 10,551,000
ALFALFA	\$ 8,270,000	ALFALFA	\$ 8,538,000

<sup>1</sup> Includes Seed, does not include Wild Rice.

<sup>2</sup> Revised 2011 Walnut value

<sup>3</sup> Revised 2011 value ranking

**GROSS VALUE  
OF  
AGRICULTURAL PRODUCTION**

<b>YEAR</b>	<b>VALUE</b>	<b>YEAR</b>	<b>VALUE</b>
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 <sup>1</sup>	\$ 518,198,460
1983	\$ 205,335,300	2012	\$ 527,004,000

<sup>1</sup> Revised 2011 total Agricultural Production value due to revised 2011 Fruit and Nut and Apiary values.

## AGRICULTURAL PRODUCTION COMPARISON

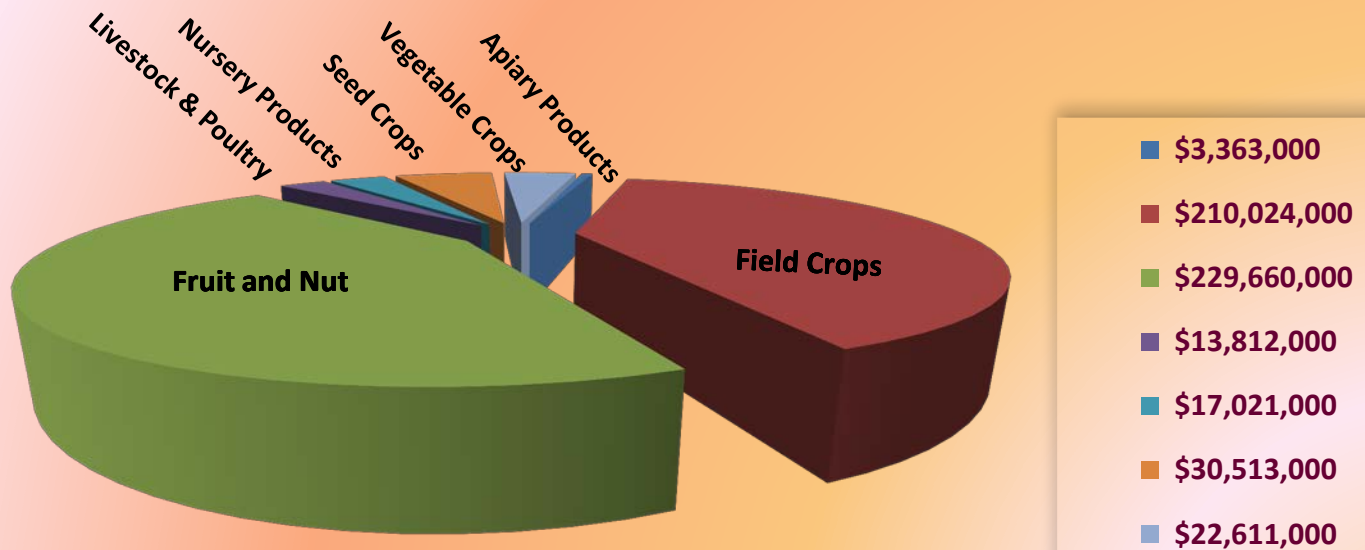
COUNTY	2011 RANK	GROSS VALUE *	TOTAL COUNTY ACRES **	AGRICULTURAL LAND ACRES ***	AGRICULTURAL LAND PERCENT	AG VALUE PER COUNTY ACRES
Fresno	1	\$ 6,886,213,700	3,816,320	1,636,224	43%	\$ 1,804.41
Tulare	2	\$ 5,629,396,000	3,158,400	1,168,684	37%	\$ 1,782.36
Kern	3	\$ 5,364,538,600	5,229,440	2,361,765	45%	\$ 1,025.83
Monterey	4	\$ 3,852,995,000	2,127,359	1,327,972	62%	\$ 1,811.16
<b>Sutter ****</b>	<b>23</b>	<b>\$ 518,198,460</b>	<b>389,402</b>	<b>359,802</b>	<b>92%</b>	<b>\$ 1,330.75</b>

\* County Crop Report

\*\*State of California Public Land Survey

\*\*\* 2007 Census of Agriculture

### 2012 SUTTER COUNTY AGRICULTURAL PRODUCTION (VALUE IN MILLIONS OF DOLLARS)



# 2012 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 2012

<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</u></b></td> <td style="width: 20%;"></td> </tr> <tr> <td></td> <td style="text-align: center;"><b><u>Inspected</u></b></td> <td style="text-align: center;"><b><u>Total Acres Inspected</u></b></td> </tr> <tr> <td>Interstate, Intrastate</td> <td style="text-align: center;">4,223</td> <td></td> </tr> <tr> <td>Phytosanitary Field Inspection</td> <td></td> <td style="text-align: center;">13,367</td> </tr> </table>	<b><u>PEST EXCLUSION</u></b>	<b><u>Total Units</u></b>			<b><u>Inspected</u></b>	<b><u>Total Acres Inspected</u></b>	Interstate, Intrastate	4,223		Phytosanitary Field Inspection		13,367
<b><u>PEST EXCLUSION</u></b>	<b><u>Total Units</u></b>												
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Interstate, Intrastate	4,223												
Phytosanitary Field Inspection		13,367											

<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</u></b> <b><u>(Seasonal High)</u></b>	<b><u>Total Number</u></b> <b><u>of Services</u></b>
Asian Citrus Psyllid	50	429
European Grapevine Moth	9	87
Khapra Beetle	73	114
McPhail	12	252
Vine Mealy Bug	9	71
Light Brown Apple Moth	115	1,234
European Pine Shoot Moth	5	22
Glassy-Winged Sharpshooter	141	1,617
Gypsy Moth	61	456
Japanese Beetle	42	320
Mediterranean Fruit Fly	110	1,203
Melon Fruit Fly	42	443
Oriental Fruit Fly	42	512

<b><u>VERTEBRATE PEST CONTROL</u></b>	
<b><u>CONTROL AGENTS</u></b>	<b><u>Units Used/Sold</u></b>
Anticoagulant Bait	1,725 Pounds
Zinc Phosphide Bait	625 Pounds

<b><u>NURSERY INSPECTION</u></b>	<b><u>Visual Hours</u></b>	<b><u>Number of</u></b> <b><u>Properties</u></b>	<b><u>Number of</u></b> <b><u>Acres</u></b>
	75	44	443

<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.	11	13	4

\*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)**

*2012 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 2012: 5,879*

**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 2012: 1,699*

**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 2012: 2,442*

**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 2012: 11,922*

## 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 2012: 269***

**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 2012: 92***

**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 2012: 1,237***

**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 2012: 108***

**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 2012: 527***

**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 2012: 1,990***



**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 2012: 3,272***

**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 2012: 145***

***Program Details can be found at:***  
***[www.suttercounty.org/pdf/ag/Dept\\_Stats\\_2012.pdf](http://www.suttercounty.org/pdf/ag/Dept_Stats_2012.pdf)***

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SEALER OF WEIGHTS AND MEASURES  
MARK P. QUISENBERRY

ASSISTANT AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

Mark Brown

ASSISTANT DIRECTOR OF WEIGHTS AND MEASURES

Lisa Herbert

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