

**2008**



**Sutter County  
Crop, Livestock  
And  
Annual Department Report**

# Sutter County

## *“It’s a Good Thing”*

Sutter County’s 2008 State Fair Exhibit represented a Health Food and Juice Bar called “Legendary Café.” The Café had an atmosphere that made you want to partake in Legendary Smoothies and Snacks that were prepared from locally grown fruits, nuts and vegetables. The tranquility of the “Legendary Café” made reminiscing with old friends captivating and making new friends rewarding.

*“It’s a Good Thing”*

*Sutter County brought home a Gold Ribbon and an additional  
Blue Ribbon for “Manager’s Choice.”*



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

June 2009

MARK P. QUISENBERRY  
Agricultural Commissioner  
Sealer of Weights and Measures

MARK BROWN  
Assistant Agricultural Commissioner  
Assistant Sealer of Weights and Measures

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

and The Honorable Board of Supervisors,  
County of Sutter:  
Jim Whiteaker, Chairman, District 4  
Larry Montna, 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 2008 Sutter County Agricultural Crop Report. Sutter County's gross agricultural production value totaled \$498,195,200 with Rice, Walnuts, Dried Plums (prunes), Peaches, (processing) Tomatoes, Nursery Products and Alfalfa as the leading agricultural commodities.

World demand for wheat, rice and corn increased prices growers received dramatically. Reports indicate growers' returns have not been this favorable since the mid-1970s. Dried plum production finally saw a reprieve as weather conditions were favorable during bloom.

On the other hand, 2008 was the year of disasters. Tornado force winds in January leveled 60-percent of our local almonds and 20-percent of other orchard crops, followed by gale gusts of over 35 mph in February. April saw a cold snap that affected peaches, prunes and walnuts, and drought conditions continue to plague California. Spurred by escalating fuel prices, farm production costs soared as fuel and fuel-based products such as fertilizer skyrocketed.

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 \$1.74 Billion to our local economy in 2008.

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 read "MPQ", followed by a horizontal line extending to the right.

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	
Almonds, Meats	2008	4,638	0.52	2,412	Tons	\$	2,616.36	\$ 6,310,700
	2007	4,609	0.69	3,180	Tons	\$	3,451.00	\$ 10,974,200
Almonds, Hulls	2008			1032	Tons		120.00	123,800
	2007			795	Tons		85.00	67,600
Kiwifruit	2008	64	6.40	410	Tons		1,264.91	518,600
	2007	137	6.37	873	Tons		1,259.35	1,099,400
Peaches, Cling	2008	7,732	14.30	110,568	Tons		313.00	34,607,800
	2007	7,409	17.40	128,917	Tons		284.46	36,671,600
Pears	2008	53	1.55	82	Tons		201.50	16,500
	2007	SEE MISCELLANEOUS						
Persimmons	2008	203	3.97	806	Tons		1,006.73	811,400
	2007	255	4.58	1,168	Tons		664.30	775,900
Dried Plums (Prunes)	2008	19,946	1.60	31,914	Tons		1,499.55	47,856,600
	2007	19,601	0.60	11,761	Tons		1,433.03	16,853,900
Walnuts, English	2008	19,372	1.92	37,194	Tons		1,384.08	51,479,500
	2007	18,128	1.51	27,373	Tons		2,232.49	61,109,900
Miscellaneous Fruit & Nuts <sup>1</sup>	2008	696		1,809	Tons			1,492,100
	2007	678		1,862	Tons			1,459,900
Orchard By-Products	2008							8,527,900
	2007							6,251,500
<b>TOTAL</b>	<b>2008</b>	<b>52,704</b>					<b>\$</b>	<b>151,744,900</b>
	<b>2007</b>	<b>50,817</b>					<b>\$</b>	<b>135,263,900</b>

<sup>1</sup> Includes Apple, Apricot, Bushberries (Blackberry, Boysenberry, & Raspberry), Cherry, Chestnut, Feijoa (Guava), Fig, Grapefruit, Grape, Jujube (Chinese Date), Lemon, Lime, Nectarine, Olive, Oranges (Mandarin, Naval & Valencia), Peach (Freestone), Pecan, Pistachio, Plum, Pomegranate, Strawberry, Tangerine, Walnut (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 <sup>1</sup>**

<b>CROP</b>	<b>BEARING ACRES</b>		<b>NON-BEARING ACRES</b>	
	<b>2007</b>	<b>2008</b>	<b>2007</b>	<b>2008</b>
Almonds	4,609	4,638	2,763	2,858
Apples	179	177	3	3
Apricots	6	6	2	2
Cherries <sup>2</sup>	17	20	4	2
Chestnuts	12	12	0	0
Grapes	86	86	2	28
Kiwi <sup>2</sup>	225	225	1	1
Nectarines	44	53	14	12
Olives	35	58	63	615
Oranges <sup>3</sup>	31	47	0	4
Peaches, Cling	7,523	7,732	3,298	3,271
Peaches, Freestone	106	117	16	16
Pears	49	54	9	9
Pecans	22	24	21	19
Persimmons	255	254	7	11
Pistachios	51	48	2	5
Plums	49	58	19	23
Dried Plums (Prunes)	19,601	19,946	4,143	4,472
Strawberries	31	28	0	0
Walnuts, Black	67	67	0	0
Walnuts, English	18,128	19,372	9,978	10,762
Miscellaneous <sup>4</sup>	64	97	58	83
<b>TOTAL</b>	<b>51,190</b>	<b>53,119</b>	<b>20,403</b>	<b>22,196</b>

<sup>1</sup> Acreage from California Crop and Livestock Reporting Service.

<sup>2</sup> Correction of Acreage 2007.

<sup>3</sup> Includes Naval, Valencia and Mandarin.

<sup>4</sup> Includes Bushberries (Blackberry, Boysenberry & Raspberry), Feijoa (Guava), Fig, Grapefruit, Jujube (Chinese Date), Lemon, Lime Pomegranate and Tangerine.

## FIELD CROPS ACREAGE, PRODUCTION AND VALUE

CROPS	YEAR	PRODUCTION			UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL	
BEANS, DRY:								
Lima	2008	2,667	1.25	3,334	Tons	\$	1,152.82	\$ 3,843,500
	2007	1,360	1.10	1,496	Tons	\$	813.92	\$ 1,217,600
Blackeye	2008	400	0.72	288	Tons		905.19	260,700
	2007	960	0.69	662	Tons		792.15	524,400
Miscellaneous, <sup>1</sup> Beans	2008	3,912		3,686	Tons			2,759,700
	2007	3,041		3,981	Tons			2,532,400
Corn, field Grain	2008	7,720	6.21	47,941	Tons		151.46	7,261,100
	2007	7,800	6.06	47,268	Tons		133.76	6,322,600
Hay, Alfalfa	2008	8,444	7.11	60,037	Tons		198.19	11,898,700
	2007	7,772	6.58	51,140	Tons		150.72	7,707,800
Hay, Grain	2008	1,952	2.38	4,646	Tons		150.68	700,100
	2007	700	3.45	2,415	Tons		116.49	281,300
Hay, Other	2008	742	3.10	2,300	Tons		185.00	425,500
	2007	781	2.70	2,109	Tons		154.46	325,800
Oats, Grain	2008	NO PRODUCTION						
	2007	220	2.09	460	Tons		122.00	56,100
Pasture, Irrigated	2008	10,449			Acres		140.00	1,462,900
	2007	10,662			Acres		140.00	1,492,700
Pasture, Range, Dry	2008	63,231			Acres		10.00	632,300
	2007	61,991			Acres		10.00	619,900
Rice <sup>2</sup>	2008	92,344	4.20	387,845	Tons		542.40	210,367,100
	2007	108,241	3.93	425,387	Tons		304.20	129,402,700
Safflower	2008	6,517	1.46	9,515	Tons		400.34	3,809,200
	2007	5,213	1.30	6,777	Tons		368.67	2,498,500

## FIELD CROPS continued

CROPS	YEAR	PRODUCTION			UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL	
Sorghum, Grain	2008	572	3.79	2,168	Tons	\$	143.00	\$ 310,000
	2007	616	2.26	1,392	Tons	\$	157.70	\$ 219,500
Straw, Grain	2008	3,879	2.00	7,758	Tons		30.00	232,700
	2007	7,415	1.93	14,311	Tons		30.00	429,300
Wheat, Grain	2008	15,669	2.21	34,628	Tons		231.42	8,013,600
	2007	20,721	2.76	57,190	Tons		156.72	8,962,800
Wild Rice	2008	4,455	0.75	3,341	Tons		1,533.33	5,122,900
	2007	2,871	0.77	2,211	Tons		1,538.31	3,401,200
Miscellaneous <sup>3</sup>	2008	2,035		24,223	Tons			1,628,000
	2007	1,768		14,981	Tons			1,511,200
Field Crop By-Products	2008			69,919	Tons		38.04	2,659,700
	2007			78,753	Tons		24.54	1,932,600
<b>TOTAL</b>	<b>2008</b>	<b>224,988</b>					\$	<b>261,387,700</b>
	<b>2007</b>	<b>242,132</b>					\$	<b>169,438,400</b>

<sup>1</sup> Includes Beans (Black, Amarillo, Cranberry, Garbanzo, Pink) and other miscellaneous beans of a limited number of growers/processors in Sutter County.

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

<sup>3</sup> Includes Corn (Silage), Oat (Silage), Cotton, Millet, Popcorn, and other miscellaneous field crops of a limited number of growers/processors in Sutter County.



**VEGETABLE CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE			PER UNIT	UNIT	
Melons,	2008	1,446	8.79	12,710	Tons	\$ 299.33	\$	3,804,500
Honeydew	2007	2,207	10.67	23,549	Tons	\$ 265.81	\$	6,259,600
Tomatoes,	2008	8,000	38.75	310,000	Tons	73.00		22,630,000
Processing	2007	7,900	39.47	311,813	Tons	61.89		19,298,100
Watermelons	2008	97	12.13	1,177	Tons	300.00		353,100
	2007	SEE MISCELLANEOUS						
Miscellaneous <sup>1</sup>	2008	114		1,082	Tons			970,000
	2007	629		7,393	Tons			3,634,800
<b>TOTAL</b>	<b>2008</b>	<b>9,657</b>					<b>\$</b>	<b>27,757,600</b>
	<b>2007</b>	<b>10,736</b>					<b>\$</b>	<b>29,192,500</b>

<sup>1</sup> Includes Artichokes, Basil, Beans (Bush, Fava, Green, Long, Purple, String, Wax Cherokee, Yard Long, Yellow Wax), Beets, Bok Choy, Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Carrot, Celery, Chard (Swiss/Red), Cilantro, Corn (Sweet), Cucumber, Diakon, Eggplant, Garlic, Gourds, Herbs, Jicama, Kohlrabi, Leek, Lettuce, Melons (Bitter, Mixed), Okra, Onion, Peas (Oregon Trail, Snow, Sugar), Peppers (Bell, Red Chili), Potatoes, Pumpkin (Mixed), Radish, Rhubarb, Spinach, Squash, Tomatoes (Fresh, Greenhouse), Tomatillo, Turnips, and other miscellaneous vegetables of a limited number of growers/processors in Sutter County.

**SEED CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION			UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL	
Beans, <sup>1</sup> (Dry)	2008	1,467	1,569	2,301,723	Lbs	\$	0.64	\$ 1,473,100
	2007	1,970	1,609	3,169,730	Lbs	\$	0.42	\$ 1,331,300
Cucumber	2008	686	296	203,056	Lbs		6.80	1,380,800
	2007	239	164	39,196	Lbs		9.43	369,600
Pumpkin & Squash	2008	296	324	95,904	Lbs		8.56	820,900
	2007	111	349	38,739	Lbs		11.97	463,700
Rice	2008	4,656	7,711	35,902,416	Lbs		0.38	13,642,900
	2007	5,204	7,213	37,536,452	Lbs		0.20	7,507,300
Safflower	2008	608	2,000	1,216,000	Lbs		0.24	291,800
	2007	788	2,000	1,576,000	Lbs		0.19	299,400
Sunflower	2008	7,103	718	5,099,954	Lbs		1.04	5,304,000
	2007	4,435	1,015	4,501,525	Lbs		0.90	4,051,400
Watermelon	2008	1,142	224	255,808	Lbs		10.50	2,686,000
	2007	395	168	66,360	Lbs		15.79	1,047,800
Wheat	2008	2,186	5,587	12,213,182	Lbs		0.09	1,099,200
	2007	1,240	4,592	5,694,080	Lbs		0.08	455,500
Miscellaneous <sup>2</sup>	2008	2,330		602,860	Lbs			2,619,600
	2007	1,825		614,072	Lbs			288,100
<b>TOTAL</b>	<b>2008</b>	<b>20,474</b>						<b>\$ 29,318,300</b>
	<b>2007</b>	<b>16,207</b>						<b>\$ 15,814,100</b>

<sup>1</sup> Includes Beans (Black, Blackeye Pea, Light Red Kidney, Cranberry, Cowpea, Snap, Garbanzo) and other bean seed crops of a limited number of growers/processors in Sutter County.

<sup>2</sup> Includes Carrot, Coriander, Melon, Onions, Peas, Radish, Tomatoes, Triticale-Vetch, Vetch, Wild Rice, and other miscellaneous seed crops of a limited number of growers/processors in Sutter County.

**NURSERY PRODUCTS  
ACREAGE, PRODUCTION AND VALUE**

NURSERY PRODUCTS	YEAR	FIELD ACRES	QUANTITY SOLD	UNIT	TOTAL
Fruit & Nut	2008	157	2,888,300	Each	\$ 11,936,000
Trees & Vines	2007	206	2,043,309	Each	\$ 9,835,000
Miscellaneous <sup>1</sup>	2008	4			63,800
	2007	2			46,600
<b>TOTAL</b>	<b>2008</b>	<b>161</b>			<b>\$ 11,999,800</b>
	<b>2007</b>	<b>208</b>			<b>\$ 9,881,600</b>

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

**APIARY PRODUCTS  
PRODUCTION AND VALUE**

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
Honey	2008	86,515	Pounds	\$ 1.00	\$ 86,500
	2007	21,255	Pounds	\$ 0.85	\$ 18,100
Pollination	2008	28,839	Colony	61.64	1,777,600
	2007	24,816	Colony	54.44	1,351,000
Miscellaneous <sup>1</sup>	2008	48,092			810,600
	2007	53,600			936,800
<b>TOTAL</b>	<b>2008</b>	<b>163,446</b>			<b>\$ 2,674,700</b>
	<b>2007</b>	<b>99,671</b>			<b>\$ 2,305,900</b>

<sup>1</sup> Includes Beeswax, Package Bees, and Queen Bees.

## LIVESTOCK PRODUCTS PRODUCTION AND VALUE

ITEM	YEAR	PRODUCTION			VALUE		TOTAL
		NUMBER	TOTAL LIVE WEIGHT	UNIT	PER UNIT		
Cattle & Calves	2008	8,293	71,653	Cwt.	\$ 82.33	\$	5,899,200
	2007	10,248	90,499	Cwt.	\$ 101.48	\$	9,183,800
Sheep & Lambs	2008	16,397	20,190	Cwt.	84.60		1,708,100
	2007	17,260	21,263	Cwt.	84.41		1,794,800
Wool <sup>1</sup>	2008	100,776		Lbs.	0.99		99,800
	2007	106,080		Lbs.	1.32		140,000
Miscellaneous <sup>2</sup>	2008						5,601,300
	2007						4,920,200
Livestock	2008						3,800
By-Products	2007						5,500
<b>TOTAL</b>	<b>2008</b>					<b>\$</b>	<b>13,312,200</b>
	<b>2007</b>					<b>\$</b>	<b>16,044,300</b>

<sup>1</sup> Total pounds of wool, including subsidy price.

<sup>2</sup> Includes Angora Fur, Aquaculture, Fish Bait, Chicken, Chicken Egg, Duck, Geese, Goat, Milk (Market), Hog, Game Birds, Pheasant, Pigeon, Rabbit, Rabbit Hide, Turkey and other miscellaneous livestock and poultry of a limited number of growers/processors in Sutter County.

**SUMMARY**  
**FARM VALUE OF AGRICULTURAL PRODUCTION**

	<u>2007</u>		<u>2008</u>
FRUIT & NUT CROPS	\$ 135,264,000	FRUIT & NUT CROPS	\$ 151,744,900
FIELD CROPS	\$ 169,438,400	FIELD CROPS	\$ 261,387,700
SEED CROPS	\$ 15,814,100	SEED CROPS	\$ 29,318,300
VEGETABLE CROPS	\$ 29,192,500	VEGETABLE CROPS	\$ 27,757,600
NURSERY PRODUCTS	\$ 9,881,600	NURSERY PRODUCTS	\$ 11,999,800
APIARY PRODUCTS	\$ 2,305,900	APIARY PRODUCTS	\$ 2,674,700
LIVESTOCK PRODUCTS	\$ 16,044,300	LIVESTOCK PRODUCTS	\$ 13,312,200
<b>TOTAL</b>	<b>\$ 377,940,800</b>		<b>\$ 498,195,200</b>

**TEN LEADING CROPS AND VALUE<sup>1</sup>**

(Excluding By-Products)

	<u>2007</u>		<u>2008</u>
RICE	\$ 136,910,000	RICE	\$ 224,010,000
WALNUTS	\$ 61,110,700	WALNUTS	\$ 51,480,300
PEACHES	\$ 36,838,300	DRIED PLUMS (PRUNES)	\$ 47,856,600
TOMATOES	\$ 19,412,200	PEACHES	\$ 34,762,800
DRIED PLUMS (PRUNES)	\$ 16,853,900	TOMATOES	\$ 23,171,300
ALMONDS	\$ 11,041,800	NURSERY PRODUCTS	\$ 11,999,800
NURSERY PRODUCTS	\$ 9,881,600	ALFALFA	\$ 11,898,700
CATTLE & CALVES	\$ 9,183,800	WHEAT	\$ 9,112,800
ALFALFA	\$ 7,707,800	BEANS	\$ 8,340,500
MELONS	\$ 7,317,600	ALMONDS	\$ 6,434,500

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

**GROSS VALUE  
OF  
AGRICULTURAL PRODUCTION**

<u>YEAR</u>	<u>VALUE</u>	<u>YEAR</u>	<u>VALUE</u>
1951	\$ 52,003,000	1980	\$ 299,014,700
1952	\$ 49,494,000	1981	\$ 316,465,900
1953	\$ 44,815,000	1982	\$ 247,784,100
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

\* Revised

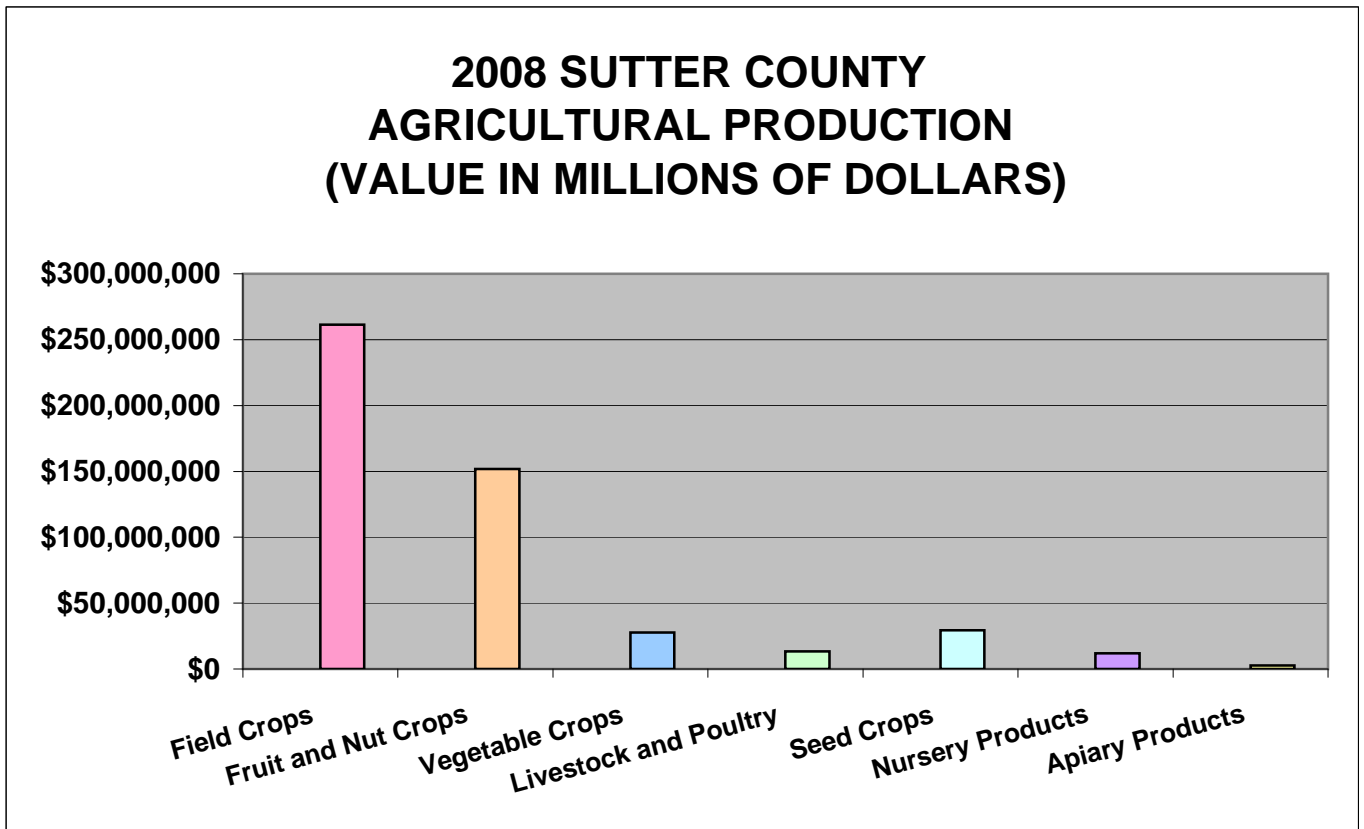
## AGRICULTURAL PRODUCTION COMPARISON

COUNTY	2007 RANK	GROSS VALUE *	TOTAL COUNTY ACRES **	AGRICULTURAL LAND ***	AGRICULTURAL LAND PERCENT	AG VALUE PER COUNTY ACRES
<b>Fresno</b>	1	\$ 5,347,398,000	3,816,320	1,928,865	51%	\$ 1,401.19
<b>Tulare</b>	2	\$ 4,874,960,000	3,158,400	1,393,456	44%	\$ 1,543.49
<b>Kern</b>	3	\$ 4,092,106,680	5,229,440	2,731,341	52%	\$ 782.51
<b>Monterey</b>	4	\$ 3,823,287,300	2,127,359	1,260,613	59%	\$ 1,797.20
<b>Sutter</b>	24	377,940,800	389,440	371,964	96%	\$ 970.47

\* County Crop Report

\*\*County Assessor's Office

\*\*\* 2002 Census of Agriculture



**2008**  
**SUTTER COUNTY EXPORTS**

**VEGETABLE/GRASS SEEDS**

Seeds include the following: Alfalfa, arugula, artichokes, asparagus, beets, bent grass, bermuda grass, blackeye bean, chard (swiss), chickpea, clover, collard, coriander, corn, cowpea, cucumber, eggplant, endive, kohlrabi, borage, broccoli, cabbage, carrot, cauliflower, celery, leek, lettuce, marjoram, melon, mustard, oregano, okra, onions, parsley, peas, peppers, popcorn, pumpkin, radish, rice, ryegrass, safflower, savory, spinach, squash, tomatoes, turnips & watermelon

Algeria	France	Japan	Portugal
Argentina	Greece	Jordan	Republic of Yemen
Australia	Guatemala	Kenya	Saudi Arabia
Bolivia	Guyana	Lebanon	Sri Lanka
Brazil	Haiti	Mauritius	South Africa
Chile	Hong Kong	Mexico	Spain
Colombia	Honduras	Morocco	Suriname
Costa Rica	India	Netherlands	Syria Arab Republic
Denmark	Iran	Nicaragua	Taiwan
Dominican Republic	Iraq	Oman	Trinidad & Tobago
Ecuador	Israel	Pakistan	Uruguay
Egypt	Italy	Panama	Venezuela
Ethiopia	Jamaica	Peru	Vietnam

**DRIED PLUMS (PRUNES)**

Australia	Italy
Brazil	Korea
Brunil Darussalam	Latvia
China	Netherlands
Denmark	Philippines
Egypt	Poland
France	Russian Federation
Greece	Spain
Germany	Taiwan
Hong Kong	Thailand
Indonesia	United Kingdom
Israel	Ukraine

**KIWIFRUIT**

Mexico

**WALNUT - MEATS AND IN SHELL**

Australia, China, Germany, Greece, Israel, Italy, Japan, Lithuania, Netherlands, Poland, Republic of Korea, Spain, Turkey, United Arab Emirates, Venezuela

**PADDY RICE/WILD RICE**

Germany

**DRY BEANS/PEAS**

Australia, China, Cyprus, Italy, Japan, Portugal, Trinidad & Tobago, South Africa, Japan



# SUSTAINABLE AGRICULTURE

JANUARY - DECEMBER 2008

<b><u>ORGANIC PRODUCERS</u></b>
Forty Three (43) Organic Producers Registered in Sutter County

<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	2,703	
Phytosanitary Field Inspection		9,730

<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>Visual Hours</u></b>	<b><u>Number of Properties</u></b>	<b><u>Traps in Operation (Seasonal High)</u></b>	<b><u>Total Number of Services</u></b>
Public Contact	262	203		
Khapra Beetle			130	245
McPhail			12	322
Vine Mealy Bug			6	78
Light Brown Apple Moth			119	1,037
European Pine Shoot Moth			5	26
Glassy-Winged Sharpshooter			123	1,971
Gypsy Moth			61	349
Japanese Beetle			42	238
Mediterranean Fruit Fly			111	812
Melon Fruit Fly			42	339
Oriental Fruit Fly			42	314

<b><u>VERTEBRATE PEST CONTROL</u></b>	
<b><u>CONTROL AGENTS</u></b>	<b><u>Units Used/Sold</u></b>
Anticoagulant Bait	960
Anticoagulant, Paraffin Blocks	283
Zinc Phosphide Bait	625
Strychnine (Below ground use only)	3

<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>
	37	39	143

<b><u>WEED MANAGEMENT AREA PROGRAMS (WMA)</u></b>	<b><u>Hours</u></b>	<b><u>Acres</u></b>
Johnsongrass ( <i>Sorghum halepense</i> (L.) Pers),	1,741	2,448
Yellow Starthistle ( <i>Centaurea solstitialis</i> L.),		
Russian Thistle ( <i>Salsola tragus</i> L), and Puncturevine ( <i>Tribulus terrestris</i> L.)		

\*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)**

*2008 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 2008:           7,715*

**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 2008:           1,807*

**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 2008:           8,547*

**Pesticide Use Enforcement**

This is a complex program that covers far more than its name implies. This program was developed to provide 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 2008:           15,542*

### **Consumer Protection and Services**

**Seed Certification:** Inspections are performed at the 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 2008: 358*

**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 2008: 236*

**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 2008: 799*

**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 2008: 32*

**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 2008: 479*

**Predatory Animal Damage Control:** In cooperation with USDA's Animal and Plant Health Inspection Service Wildlife Services, the Wildlife Services 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 2008: 1,613*

**Measurement Standards:** Each year county weights and measures officials inspect and test packaged commodities and all commercially used devices. Transactions derived from the use of such devices are also inspected for accuracy. In addition to inspection activities, weights and measures officials provide education and training to the public as well as the regulated industries.

***Total Hours Expended 2008: 4,287***

**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 the Hazardous Materials Business Plan/Emergency Response Plan, Hazardous Waste/Tiered Permitting, Underground Storage Tanks, Aboveground Storage Tanks (SPCC only), California Accidental Release Program and the Uniform Fire Code Hazardous Materials Management Plan.

***Total Hours Expended 2008: 127***

***Program Details can be found at:***

**[www.suttercounty.org/cropreport](http://www.suttercounty.org/cropreport)**

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