

# 2005



## **SUTTER COUNTY CROP, LIVESTOCK AND ANNUAL DEPARTMENT REPORT**

Sutter County's **2005 STATE FAIR EXHIBIT** entry portrayed a train Depot during World War II. This was the time when the men were shipped off to war and the women were called to  
"Do the Job Left Behind."

A locomotive from the War, engineered by a woman, pulls into the depot dropping off soldiers returning home to their families. Freshly picked produce packed in wooden crates sat on the dock waiting to be loaded onto the train and transported to surrounding county markets.

Over 300 hours of volunteer hours were donated towards this award winning project.

*Sutter County was awarded a First Place "Gold" Ribbon.*





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

MARK P. QUISENBERRY  
Agricultural Commissioner  
Sealer of Weights and Measures

May 2006

To: A.G. Kawamura, 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  
Dennis Nelson, District 2  
Jim Whiteaker, District 4  
Dan Silva, District 5

In accordance with Section 2272 and 2279 of the California Food and Agricultural Code, I am pleased to submit the 2005 Sutter County Agricultural Crop Report. Sutter County's gross agricultural production value totaled \$298,531,300 with Rice, Walnuts, Peaches, Dried Plums and Almonds as the leading agricultural commodities.

For the second year in a row, 2005 weather conditions were once again not conducive to agricultural crop production. Cold, wet weather in early-February prevented honeybee pollination of almonds thereby affecting yield; hot, dry and windy weather conditions in March during Dried Plum and Peach bloom caused yields to plummet; and rain during early-May split the fruit of the Cherry crop thereby causing significant losses.

Market prices were encouraging for many crops such as Almonds, Dried Plums and Peaches (for those who had product to market), Rice, (Apiary) Pollination Services and Cattle and Calves.

As summarized in this report agriculture continues to be a valuable asset to Sutter County's economic base. Industries directly or indirectly tied to agriculture benefited appreciably as the agricultural industry returned over \$1.04 Billion to our local economy in 2005.

I would like to express my sincere appreciation to staff and to the many individuals from the agriculture industry who assisted in the compilation of this report. In addition, with the publication of this report, the yearly activities of this department are included herein.

Respectfully submitted,

A handwritten signature in black ink, appearing to be "MP", followed by a long horizontal line extending to the right.

Mark P. Quisenberry  
Agricultural Commissioner

## TABLE OF CONTENTS

FRUIT AND NUT CROPS.....	1
FRUIT & NUT CROPS-BEARING AND NON-BEARING.....	2
FIELD CROPS.....	3
FIELD CROPS, continued.....	4
VEGETABLE CROPS.....	5
SEED CROPS.....	6
NURSERY PRODUCTS.....	7
APIARY PRODUCTS.....	7
LIVESTOCK PRODUCTS.....	8
SUMMARY-FARM VALUE OF AGRICULTURAL PRODUCTION.....	9
TEN LEADING CROPS AND VALUE.....	9
GROSS VALUE OF AGRICULTURAL PRODUCTION.....	10
AGRICULTURAL PRODUCTION COMPARISON.....	11
AGRICULTURAL PRODUCTION.....	11
EXPORT SUMMARY.....	12
SUSTAINABLE AGRICULTURE REPORT.....	13
ANNUAL DEPARTMENT REPORT.....	14-16
PERSONNEL.....	BACK PAGE



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

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL	
		HARVESTED ACRES	PER ACRE			PER UNIT			
Almonds,	2005	3,892	0.51	1,985	Tons	\$	6,050.09	\$	12,009,400
Meats	2004	4,246	0.91	3,864	Tons	\$	3,883.79	\$	15,007,000
Almonds,	2005			496	Tons		85.00		42,200
Hulls	2004			966	Tons		78.00		75,300
Apples	2005	45	2.70	122	Tons		190.00		23,200
	2004	73	2.85	208	Tons		200.00		41,600
Cherries	2005	12	0.41	5	Tons		1,740.00		8,700
	2004	14	0.41	6	Tons		1,161.53		7,000
Kiwifruit	2005	108	3.13	338	Tons		971.72		328,400
	2004	194	4.50	873	Tons		833.00		727,200
Peaches,	2005	9,074	12.77	115,875	Tons		239.43		27,744,000
Cling	2004	9,263	15.07	139,593	Tons		225.59		31,490,800
Peaches,	2005	98	3.47	340	Tons		408.00		138,700
Freestone	2004	111	3.33	370	Tons		281.00		104,000
Pears	2005	123	10.60	1,304	Tons		213.00		277,800
	2004	244	12.13	2,960	Tons		191.69		567,400
Persimmons	2005	240	4.46	1,070	Tons		398.10		426,000
	2004	216	4.20	907	Tons		367.74		333,500
Dried Plums (Prunes)	2005	18,429	0.70	12,900	Tons		1,468.57		18,944,600
	2004	19,587	0.47	9,206	Tons		1,215.04		11,185,700
Walnuts, English	2005	18,065	1.84	33,240	Tons		1,573.93		52,317,400
	2004	17,871	1.64	29,308	Tons		1,328.13		38,924,800
Walnuts, Black	2005	69	0.06	4	Tons		164.66		700
	2004	71	0.06	4	Tons		164.66		700
Miscellaneous Fruit & Nuts <sup>1</sup>	2005	354		573	Tons				670,300
	2004	387		885	Tons				717,300
Orchard By-Products	2005								4,074,500
	2004								3,092,100
<b>TOTAL</b>	<b>2005</b>	<b>50,509</b>						<b>\$</b>	<b>117,005,900</b>
	<b>2004</b>	<b>52,277</b>						<b>\$</b>	<b>102,274,400</b>

<sup>1</sup> Includes Apricots, Bushberries (Blackberries, Boysenberries, & Raspberries), Chestnut, Feijoa/Guava, Figs, Grapefruit, Grapes, Jujube, Lemon, Limes, Nectarines, Oranges (Mandarin, Naval & Valencia), Pecan, Pistachios, Plum, Pomegranates, Strawberries, Tangerines, 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>**

CROP	BEARING ACRES		NON-BEARING ACRES	
	2004	2005	2004	2005
Almonds	4,246	3,892	1,977	2,247
Apples	233	205	54	1
Apricots	5	4	1	1
Cherries	41	14	1	2
Chestnuts	26	26	1	0
Grapes	86	84	4	3
Kiwi	194	148	0	0
Nectarines	46	46	6	10
Olives	10	33	22	0
Oranges, Navel	12	10	9	9
Oranges, Valencia	1	1	0	0
Peaches, Cling	9,263	9,074	3,042	2,475
Peaches, Freestone	111	98	10	10
Pears	244	123	35	9
Pecans	21	21	6	21
Persimmons	216	260	25	7
Pistachios	45	33	6	16
Plums	69	71	9	9
Dried Plums (Prunes)	21,763	20,477	2,161	1,808
Strawberries	30	34	0	0
Walnuts, Black	71	69	0	0
Walnuts, English	17,871	18,065	2,498	6,143
Miscellaneous <sup>2</sup>	56	57	19	7
<b>TOTAL</b>	<b>54,660</b>	<b>52,845</b>	<b>9,886</b>	<b>12,778</b>

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

<sup>2</sup> Includes Bushberries, Feijoa/Guava, Fig, Grapefruit, Jujube, Lemon, Lime, Oranges (Mandarin), Pomegranates, Tangerines, and other miscellaneous fruit and nut crops of a limited number of growers/processors in Sutter County.



**FIELD CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE			PER UNIT	UNIT	
BEANS, DRY:								
Lima	2005	2,468	1.05	2,591	Tons	\$	672.92	\$ 1,743,500
	2004	2,108	1.05	2,213	Tons	\$	567.47	\$ 1,255,800
Blackeye	2005	837	0.77	644	Tons		646.57	416,400
	2004	120	0.75	90	Tons		596.42	53,700
Pink	2005	See Miscellaneous						
	2004	305	0.66	201	Tons		520.00	104,500
Kidney	2005	See Miscellaneous						
	2004	515	0.77	397	Tons		652.56	259,100
Miscellaneous <sup>1</sup>	2005	4,057		4,022	Tons			2,421,300
	2004	2,040		1,553	Tons			967,000
Corn, field Grain	2005	3,210	5.12	16,435	Tons		100.00	1,643,500
	2004	6,491	6.45	41,867	Tons		100.83	4,221,400
Hay, Alfalfa	2005	7,004	6.22	43,565	Tons		120.00	5,227,800
	2004	6,935	5.68	39,391	Tons		106.51	4,195,500
Hay, Grain	2005	1,017	3.62	3,682	Tons		89.57	329,800
	2004	1,900	3.00	5,700	Tons		71.00	404,700
Hay, Other	2005	1,241	3.40	4,219	Tons		97.00	409,200
	2004	2,134	3.75	8,003	Tons		88.44	707,800
Oats, Grain	2005	300	1.39	417	Tons		120.00	50,000
	2004	400	0.45	180	Tons		100.00	18,000
Pasture, Irrigated	2005	10,879			Acres		125.00	1,359,900
	2004	10,989			Acres		135.00	1,483,500
Pasture, Range, Dry	2005	60,769			Acres		7.50	455,800
	2004	60,167			Acres		9.00	541,500
Rice <sup>2</sup>	2005	97,801	3.75	366,754	Tons		253.20	92,862,100
	2004	121,131	4.31	522,075	Tons		195.60	102,117,900
Safflower	2005	10,641	0.99	10,535	Tons		232.16	2,445,800
	2004	4,960	1.42	7,043	Tons		224.72	1,582,700

## FIELD CROPS continued

CROPS	YEAR	PRODUCTION			UNIT	VALUE PER UNIT	TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL			
Sorghum, Grain	2005	848	2.42	2,052	Tons	\$ 92.95	\$ 190,700
	2004	560	2.81	1,574	Tons	\$ 69.00	\$ 108,600
Straw, Grain	2005	3,335	2.00	6,670	Tons	30.00	200,100
	2004	2,000	2.92	6,214	Tons	25.50	158,500
Wheat, Grain	2005	11,580	2.51	29,066	Tons	106.29	3,089,400
	2004	12,950	2.92	37,814	Tons	109.09	4,125,100
Wild Rice	2005	1,707	0.65	1,110	Tons	1,279.10	1,419,800
	2004	1,720	0.73	1,256	Tons	911.47	1,144,800
Miscellaneous <sup>3</sup>	2005	1,727		4,231	Tons		1,083,700
	2004	2,736		8,269	Tons		1,972,900
Field Crop By-Products	2005			61,379	Tons	19.14	1,174,800
	2004			89,277	Tons	16.64	1,485,600
<b>TOTAL</b>	<b>2005</b>	<b>219,421</b>				\$	<b>116,523,600</b>
	<b>2004</b>	<b>240,161</b>				\$	<b>126,908,600</b>

<sup>1</sup> Includes Beans (Carnario, Black Turtle, Garbanzo, Black & Pinto) 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), Cotton, Millet, Popcorn, Soybean, 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		
Melons,	2005	2,852	10.40	29,661	Tons	\$ 280.37	\$	8,316,100
Honeydew	2004	2,111	9.70	20,477	Tons	\$ 313.18	\$	6,413,000
Tomatoes,	2005	5,200	35.24	183,248	Tons	49.01		8,981,000
Canning	2004	6,300	41.14	259,182	Tons	45.66		11,834,300
Watermelons	2005	35	14.33	502	Tons	128.00		64,300
	2004	46	14.64	673	Tons	212.00		142,700
Miscellaneous <sup>1</sup>	2005	514		2,365	Tons			2,427,200
	2004	578		3,274	Tons			2,843,000
<b>TOTAL</b>	<b>2005</b>	<b>8,601</b>					<b>\$</b>	<b>19,788,600</b>
	<b>2004</b>	<b>9,035</b>					<b>\$</b>	<b>21,233,000</b>

<sup>1</sup> Includes the following crops:

Asparagus, Beans (Blue Lake, Green String, Chinese Long), Beet, Bok Choy, Broccoli, Cabbage, Cantaloupe, Carrot, Chard (Swiss/Red), Cilantro, Corn (Sweet), Cucumber, Diakon, Eggplant, Garlic, Gourds, Herbs, Jicama, Lettuce, Melons (Mixed & Bitter), Mustard, Okra, Onion, Peppers (Bell, Red & Chili), Peas (Blackeye, Snap), Potatoes, Pumpkin (Farmers Market, Wholesale/Retail), Squash, Tomatoes (Fresh & Greenhouse), Tomatillo and other miscellaneous vegetables of a limited number of growers/processors in Sutter County.

**SEED CROPS  
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE			PER UNIT		
Beans, <sup>1</sup>	2005	1,190	1,433	1,705,270	Lbs	\$	0.36	\$ 613,900
Dry	2004	484	1,574	761,816	Lbs	\$	0.33	\$ 251,400
Cantaloupe & Honeydew	2005	313	375	117,375	Lbs		2.34	274,700
	2004	4	805	3,220	Lbs		2.40	7,700
Cucumber	2005	823	184	151,432	Lbs		6.87	1,040,300
	2004	1,377	239	329,103	Lbs		9.10	2,994,800
Pumpkin & Squash	2005	593	313	185,609	Lbs		4.00	742,400
	2004	463	392	181,496	Lbs		4.72	856,700
Rice	2005	6,372	7,400	47,152,800	Lbs		0.12	5,658,300
	2004	6,582	9,188	60,475,416	Lbs		0.15	9,071,300
Safflower	2005	656	1,913	1,254,928	Lbs		0.13	163,100
	2004	614	3,600	2,210,400	Lbs		0.12	265,200
Sunflower	2005	4,069	795	3,234,855	Lbs		0.79	2,555,500
	2004	3,310	1,209	4,001,790	Lbs		0.75	3,001,300
Watermelon	2005	1,197	288	344,736	Lbs		8.18	2,819,900
	2004	1,061	230	244,030	Lbs		5.48	1,337,300
Wheat	2005	1,831	5,080	9,301,480	Lbs		0.05	465,100
	2004	975	5,500	5,362,500	Lbs		0.05	268,100
Miscellaneous <sup>2</sup>	2005	1,798		1,308,605	Lbs			355,900
	2004	1,905		1,742,528	Lbs			1,058,500
<b>TOTAL</b>	<b>2005</b>	<b>18,842</b>						<b>\$ 14,689,100</b>
	<b>2004</b>	<b>16,775</b>						<b>\$ 19,112,300</b>

<sup>1</sup> Includes Beans (Favo Bell, Blackeye, Cranberry, Merlot, Kidney) and other bean seed crops of a limited number of growers/processors in Sutter County.

<sup>2</sup> Includes Canola, Clover, Corn, Cowpea, Gourd, Oat, Pea, Triticale-Juan, Tomato, Vetch, and other miscellaneous seed crops of a limited number of growers/processors in Sutter County.



**NURSERY PRODUCTS  
ACREAGE, PRODUCTION AND VALUE**

<b>NURSERY PRODUCTS</b>	<b>YEAR</b>	<b>FIELD ACRES</b>	<b>QUANTITY SOLD</b>	<b>UNIT</b>	<b>TOTAL</b>
Fruit & Nut	2005	223	2,240,100	Each	\$ 10,928,200
Trees & Vines	2004	168	2,411,945	Each	\$ 11,657,200
Ornamental Trees, Shrubs	2005	3			130,100
and other Nursery Stock	2004	15			482,500
<b>TOTAL</b>	<b>2005</b>	<b>226</b>			<b>\$ 11,058,300</b>
	<b>2004</b>	<b>183</b>			<b>\$ 12,139,700</b>

**APIARY PRODUCTS  
PRODUCTION AND VALUE**

<b>ITEM</b>	<b>YEAR</b>	<b>PRODUCTION</b>	<b>UNIT</b>	<b>VALUE PER UNIT</b>	<b>TOTAL</b>
Honey	2005	132,974	Pounds	\$ 0.62	\$ 82,400
	2004	197,870	Pounds	\$ 1.25	\$ 247,300
Pollination	2005	50,455	Colony	48.85	2,464,700
	2004	43,026	Colony	20.84	896,700
Miscellaneous <sup>1</sup>	2005	60,202			950,800
	2004	69,086			897,800
<b>TOTAL</b>	<b>2005</b>				<b>\$ 3,497,900</b>
	<b>2004</b>				<b>\$ 2,041,800</b>

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

**LIVESTOCK PRODUCTS  
PRODUCTION AND VALUE**

ITEM	YEAR	PRODUCTION		UNIT	VALUE PER UNIT	TOTAL
		NUMBER	TOTAL LIVEWEIGHT			
Cattle & Calves	2005	11,056	100,884	Cwt.	\$ 101.58	\$ 10,247,800
	2004	13,056	117,664	Cwt.	\$ 97.39	\$ 11,459,300
Sheep & Lambs	2005	16,931	20,398	Cwt.	93.11	1,899,300
	2004	16,125	19,426	Cwt.	84.50	1,641,500
Wool	2005	100,996		Lbs.	0.86	86,900
	2004	96,188		Lbs.	0.97	93,300
Miscellaneous <sup>1</sup>	2005					3,727,900
	2004					2,646,300
Livestock By-Products	2005					6,000
	2004					5,700
<b>TOTAL</b>	<b>2005</b>					<b>\$ 15,967,900</b>
	<b>2004</b>					<b>\$ 15,846,100</b>

---

<sup>1</sup> Includes Angora Fur, Aquaculture, Bait Products, Chickens, Chicken Eggs, Ducks, Geese, Goats, Milk (Market), Hogs, Partridge, Pheasants, Pigeons, Rabbits, Rabbit Hides, Turkeys and other miscellaneous livestock and poultry of a limited number of growers/processors in Sutter County.



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

	<u>2004</u>		<u>2005</u>
FRUIT & NUT CROPS	\$ 102,274,400	FRUIT & NUT CROPS	\$ 117,005,900
FIELD CROPS	\$ 126,908,600	FIELD CROPS	\$ 116,523,600
SEED CROPS	\$ 19,112,300	SEED CROPS	\$ 14,689,100
VEGETABLE CROPS	\$ 21,233,000	VEGETABLE CROPS	\$ 19,788,600
NURSERY PRODUCTS	\$ 12,139,700	NURSERY PRODUCTS	\$ 11,058,300
APIARY PRODUCTS	\$ 2,041,800	APIARY PRODUCTS	\$ 3,497,900
LIVESTOCK PRODUCTS	\$ 15,509,500	LIVESTOCK PRODUCTS	\$ 15,967,900
<b>TOTAL</b>	<b>\$ 299,219,300</b>		<b>\$ 298,531,300</b>

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

(Excluding By-Products)

	<u>2004</u>		<u>2005</u>
RICE	\$ 111,189,200	RICE	\$ 98,520,400
WALNUTS	\$ 38,925,500	WALNUTS	\$ 52,318,100
PEACHES	\$ 31,594,800	PEACHES	\$ 27,882,700
ALMONDS	\$ 15,082,300	DRIED PLUMS (PRUNES)	\$ 18,944,600
TOMATOES	\$ 12,535,600	ALMONDS	\$ 12,051,600
NURSERY PRODUCTS	\$ 12,139,700	NURSERY PRODUCTS	\$ 11,058,300
CATTLE & CALVES	\$ 11,459,300	CATTLE & CALVES	\$ 10,247,800
DRIED PLUMS (PRUNES)	\$ 11,185,700	TOMATOES	\$ 9,328,400
CORN	\$ 4,478,200	MELONS	\$ 8,410,500
WHEAT	\$ 4,393,200	ALFALFA HAY	\$ 5,227,800

<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>
1948	\$ 39,684,000	1977	\$ 200,878,000
1949	\$ 36,731,000	1978	\$ 220,502,000
1950	\$ 41,930,000	1979	\$ 258,666,900
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	\$ 298,531,300



## AGRICULTURAL PRODUCTION COMPARISON

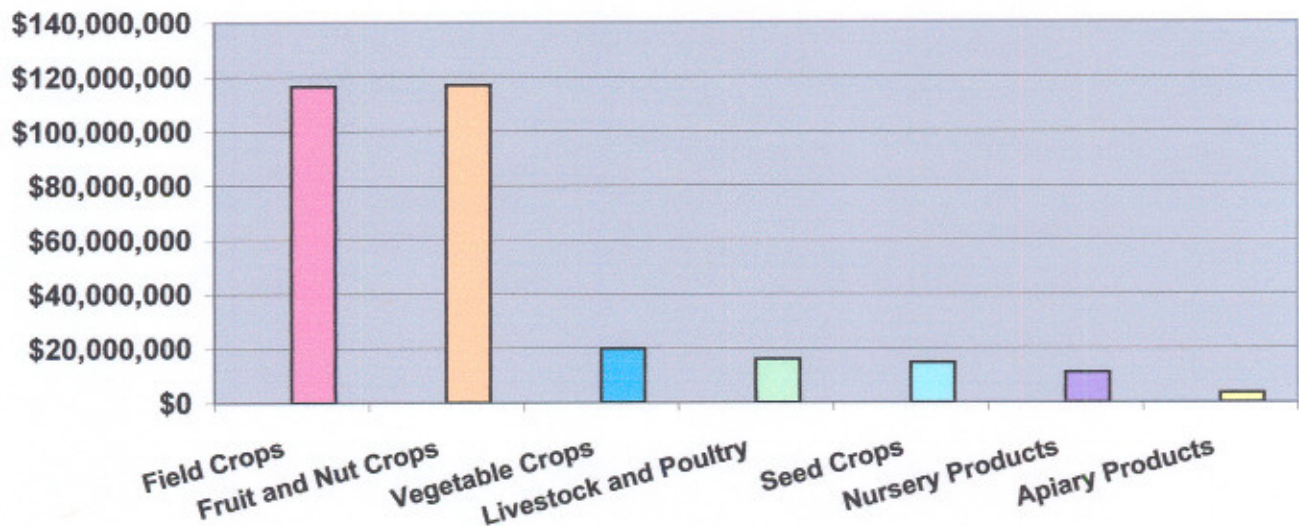
COUNTY	2004 RANK	GROSS VALUE *	TOTAL COUNTY ACRES **	AGRICULTURAL LAND ***	AGRICULTURAL LAND PERCENT	AG VALUE PER COUNTY ACRES
Fresno	1	\$ 4,691,224,200	3,816,320	1,928,865	51%	\$ 1,229.25
Tulare	2	\$ 3,296,522,000	3,158,400	1,393,456	44%	\$ 1,043.73
Monterey	3	\$ 3,287,164,770	2,127,359	1,260,613	59%	\$ 1,545.19
Kern	4	\$ 2,477,716,000	5,229,440	2,731,341	52%	\$ 473.80
<i>Sutter</i>	<i>22</i>	<i>\$ 298,725,100</i>	<i>389,440</i>	<i>371,964</i>	<i>96%</i>	<i>\$ 767.06</i>

\* County Crop Report

\*\*County Assessor's Office

\*\*\* 2002 Census of Agriculture

### 2004 SUTTER COUNTY AGRICULTURAL PRODUCTION (VALUE IN MILLIONS OF DOLLARS)



**2005**  
**SUTTER COUNTY EXPORTS**

**VEGETABLE/GRASS SEEDS**

Seeds include the following: Alfalfa, artichoke, asparagus, bean, beet, bermuda grass, broccoli, cabbage, carrot, cauliflower, celery, chard (swiss), clover, coriander, cucumber, eggplant, herb seed, kohlrabi, leek, lettuce, melon, mustard, okra, onion, parsley, pea, pepper, pumpkin, radish, safflower, spinach, squash, swiss chard, tomato, turnip, watermelon & grass

Argentina	India	People's Rep. of China
Bolivia	Iran	Philippines
Brazil	Italy	Portugal
Chile	Jamaica	Republic of Korea
Colombia	Japan	Republic of Yemen
Costa Rica	Jordan	Saudi Arabia
Czech Republic	Kenya	Sri Lanka
Denmark	Lebanon	South Africa
Dominican Republic	Mauritius	Spain
Ecuador	Mexico	Suriname
Egypt	Morocco	Thailand
Ethiopia	Netherlands	Trinidad & Tobago
Guatemala	Nicaragua	Turkey
Guyana	Pakistan	United Arab Emirates
Haiti	Panama	Venezuela
Hong Kong	Peru	Viet Nam

**PADDY RICE/WILD RICE**

Singapore, Turkey, Republic of Korea, Australia

**DRY BEANS/PEAS**

Argentina	Jamaica	Spain
Australia	Netherlands	Taiwan
Belize	Mexico	Trinidad & Tobago
Dominican Republic	Panama	Venezuela
Guatemala	New Zealand	
Italy	People's Rep. of China	

**FRESH KIWI**

Republic of Korea

**REDWOOD/WALNUT WOOD BURLS**

Switzerland

**FRUIT TREES**

Afghanistan

**DRIED PLUMS (PRUNES)**

Austria	Japan
Australia	Israel
Brazil	Malaysia
Brunei Darussalam	Netherlands
Egypt	Poland
France	Republic of Korea
Greece	Russian Federation
Germany	Spain
Hong Kong	Switzerland
India	Taiwan
Indonesia	Thailand
Italy	United Kingdom

**ALMOND TREES**

Portugal, Spain

**MANGOS**

Germany

**WALNUT - MEATS AND IN SHELL**

Germany, Italy, Japan, Netherlands, People's Rep. of China, Poland, Spain, Venezuela

**WALNUT SEED**

Spain

**PROCESSED & MILL WOOD PRODUCTS**

Chili

**DRIED APRICOTS**

Hong Kong

**FRESH MELONS**

Hong Kong, Japan, Mexico, Republic of Korea, Taiwan

**FRESH GARLIC**

Mexico



**SUSTAINABLE AGRICULTURE  
JANUARY - DECEMBER 2005**

**ORGANIC PRODUCERS**  
Thirty-six (36) Organic Registered in Sutter County

<b>PEST EXCLUSION</b>	<b>Total Units Inspected</b>
Interstate, Intrastate	3,469

**BIOLOGICAL CONTROL**

<u>Pest</u>	<u>Control Agent</u>	<u>Scientific Name</u>	<u>Program Scope*</u>	<u>Distribution*</u>
Puncture Vine ( <i>Tribulus terrestris</i> )	Puncture vine Seed Weevil Puncture vine Stem Weevil	( <i>Microlarinus laeeynii</i> ) ( <i>M. hypriformis</i> )	Countywide Countywide	General General
Yellow Starthistle ( <i>Centaurea solstitialis</i> )	Yellow Starthistle Bud Weevil Yellow Starthistle Hairy Weevil Yellow Starthistle Flower Weevil Yellow Star Thistle Rust	( <i>Bangasternus orientalis</i> ) ( <i>Eustenopus villosus</i> ) ( <i>Larinus curtus</i> ) ( <i>Puccinia juncea var. solstitialis</i> )	10 sites 10 sites 2 sites 2 sites	Locally established Locally established Locally established Newly introduced
	False Peacock Fly Peacock Fly Gall Fly	( <i>Chaetorellia succinea</i> ) ( <i>C. australis</i> ) ( <i>Urophora sirunaseva</i> )	Countywide Countywide Countywide	General General General
Red Gum Lerp Psyllid ( <i>Glycaspis brimblecombei</i> )	Lerp Psyllid Wasp	( <i>Psyllaephagus bliteus</i> )	2 sites	Locally established

<u>PEST DETECTION</u>	<u>Visual Hours</u>	<u>Number of Properties</u>	<u>Number of Acres</u>
Public Contact	153	94	-
Nursery Inspection	109	10	295
Phytosanitary Field Inspection	2,738	286	7,863
Special Survey:		106	
Glassy-Winged Sharpshooter	358	106	29
Import Fire Ant	0	0	-
Khapra Beetle	63	40	-
McPhail	111	84	4
Rice Disease	1	0	3,157
Vine Mealy Bug	47	20	

<u>VERTEBRATE PEST CONTROL</u>	<u>Properties</u>
Ground Squirrels, Gophers, Jackrabbits, Rats & Mice	2
<b><u>CONTROL AGENTS</u></b>	<b><u>Units Used/Sold</u></b>
Anticoagulant Bait	2,095
Anticogulant, Paraffin Blocks	475
Zinc Phosphide Bait	1,650
Strychnine (Below ground use only)	17

<u>EXOTIC PEST DETECTION</u>	<u>Traps in Operation (Seasonal High)</u>	<u>Total Number of Services</u>
European Pine Shoot Moth	5	22
Glassy-Winged Sharpshooter	125	1,976
Gypsy Moth	61	209
Khapra Beetle	160	327
Japanese Beetle	42	148
Mediterranean Fruit Fly	110	531
Melon Fruit Fly	42	199
Oriental Fruit Fly	42	213

<u>WEED MANAGEMENT AREA PROGRAMS (WMA)</u>	<u>Hours</u>	<u>Acreage</u>
Johnsongrass ( <i>Sorghum halepense</i> (L.) Pers), Yellow Starthistle ( <i>Centaurea solstitialis</i> L.), Russian Thistle ( <i>Salsola tragus</i> L), and Puncture Vine ( <i>Tribulus terrestris</i> L.):	1,709	2,596

\*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)**

*2005 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 2005:        8,110*

**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 2005:        1,819*

**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 2005:        6,815*

**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 2005:        14,861*



### **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 2005: 444*

**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 2005: 253*

**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 2005: 1,145*

**Egg Inspection:** Retailers and packers of eggs are inspected to enforce state and federal health, quality, and grade standards.

*Total Hours Expended 2005: 16*

**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 2005: 19*

**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 2005: 140*

**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 2005: 1,834*

**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 2005: 3,088*

**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 2005: 1,143*

*Program Details can be found at:*

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



AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS MEASURES  
MARK P. QUISENBERRY

ASSISTANT AGRICULTURAL COMMISSIONER  
Mark Brown

ASSISTANT DIRECTOR OF WEIGHTS & MEASURES  
Vacant

DEPUTY AGRICULTURAL COMMISSIONER  
Stephen Scheer

SUPERVISING AGRICULTURAL & STANDARDS BIOLOGIST  
Lisa Pedley

AGRICULTURAL & STANDARDS BIOLOGIST III  
Harold Dirks Harkirat Hothi Margaret Stelmok Kevin Putman  
Kurt Schoenwald Michael S. Furuta Janice Kendel  
Michael Berry Kim Hicks

AGRICULTURAL & STANDARDS BIOLOGIST I  
David Karnegas

AGRICULTURAL FIELD ASSISTANT II  
Paul Schwall Kenneth Woolery Dennis Hanna

AGRICULTURAL FIELD ASSISTANT I  
Sandra Mitchell

ANIMAL DAMAGE CONTROL SPECIALIST  
Jim Kincaide

SUPPORT STAFF

Laura Poma  
Karen Dodge  
Rosemary Pierson  
Gladys Pair

EXECUTIVE SECRETARY I  
ACCOUNT CLERK III  
SECRETARY  
OFFICE ASSISTANT II