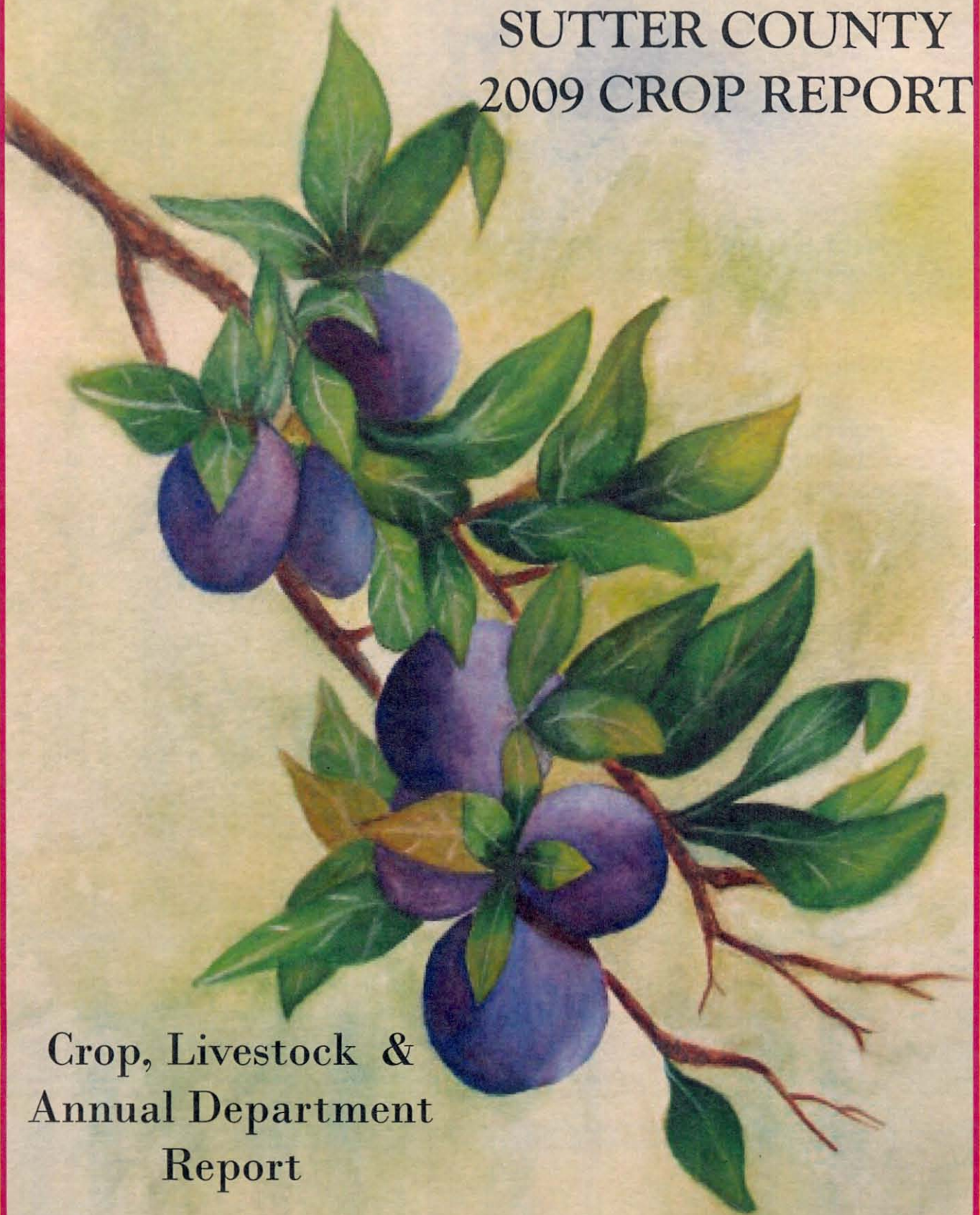


SUTTER COUNTY
2009 CROP REPORT



Crop, Livestock &
Annual Department
Report

Mission Statement

Our mission is to serve the public's interest by ensuring equity in the marketplace, promoting and protecting agriculture, assuring environmental quality, and protecting the health, safety and welfare of California's citizens.

We fulfill our mission through the following programs: Pest Exclusion, Pesticide Use Enforcement, Pest Detection, Fruit and Vegetable Standardization, Egg Quality Control, Pest Management, Nursery Inspection, Pest Eradication, Seed Inspection, Weights and Measures Enforcement, Predatory Animal Control, and other non-regulatory and special services programs.



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

June 2010

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

and The Honorable Board of Supervisors,
County of Sutter:
Stan Cleveland, Chairman, District 2
Larry Montna, District 1
Larry Munger, District 3
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 2009 Sutter County Agricultural Crop Report. Sutter County's gross agricultural production value totaled \$475,691,100 with Rice, Dried Plums (Prunes), Walnuts, Peaches, (processing) Tomatoes and Nursery Products as the leading agricultural commodities.

With respect to the weather, 2009 was a relatively mild year compared to last year. Although drought conditions continued to plague overall production, favorable weather conditions provided positive production returns for Almond, Dried Plum and Peach crops. Pears saw a measurable increase in production, while Walnut production eased back to near normal. Rice values continued to favor increased planting although returns were somewhat lower than last year. Demand for (processing) Tomatoes favored increased plantings as well as higher returns. In reviewing the past several years, Seed Crops have continued to increase markedly in both acreage and value.

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 \$1.94Billion to our economy in 2009.

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 "Mark P. Quisenberry", is written over a 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	
Almonds, Meats	2009	2,338	0.96	2,244	Tons	\$	2,685.00	\$ 6,025,100
	2008	4,638	0.52	2,412	Tons	\$	2,616.36	\$ 6,310,700
Almonds, Hulls	2009			561	Tons		80.00	44,900
	2008			1,032	Tons		120.00	123,800
Kiwifruit	2009	107	6.23	667	Tons		897.95	598,900
	2008	64	6.40	410	Tons		1,264.91	518,600
Peaches, Cling	2009	6,996	17.15	119,981	Tons		316.94	38,026,800
	2008	7,732	14.30	110,568	Tons		313.00	34,607,800
Pears	2009	55	14.40	792	Tons		146.45	116,000
	2008	53	1.55	82	Tons		201.50	16,500
Persimmons	2009	224	3.09	692	Tons		768.06	531,500
	2008	203	3.97	806	Tons		1,006.73	811,400
Dried Plums (Prunes)	2009	19,555	2.15	42,043	Tons		1,292.10	54,323,800
	2008	19,946	1.60	31,914	Tons		1,499.55	47,856,600
Walnuts, English	2009	20,710	1.46	30,237	Tons		1,527.57	46,189,100
	2008	19,372	1.92	37,194	Tons		1,384.08	51,479,500
Miscellaneous Fruit & Nuts ¹	2009	569		939	Tons			1,214,600
	2008	696		1,809	Tons			1,492,100
Orchard By-Products	2009							12,585,700
	2008							8,527,900
TOTAL	2009	50,554						\$ 159,656,400
	2008	52,704						\$ 151,744,900

¹ 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 ¹**

CROP	BEARING ACRES		NON-BEARING ACRES	
	2008	2009	2008	2009
Almonds	4,638	4,646	2,858	2,450
Apples	177	176	3	3
Apricots	6	6	2	2
Cherries	20	10	2	2
Chestnuts	12	12	0	0
Grapes	86	48	28	36
Kiwi	225	169	1	1
Nectarines	53	54	12	12
Olives	58	34	615	637
Oranges ²	47	45	4	4
Peaches, Cling	7,732	6,996	3,271	2,803
Peaches, Freestone	117	117	16	15
Pears	54	58	9	7
Pecans	24	27	19	19
Persimmons	254	257	11	4
Pistachios	48	48	5	5
Plums	58	78	23	47
Dried Plums (Prunes)	19,946	19,588	4,472	3,833
Strawberries	28	16	0	0
Walnuts, Black	67	63	0	0
Walnuts, English	19,372	20,710	10,762	10,424
Miscellaneous ³	97	113	83	69
TOTAL	53,119	53,271	22,196	20,373

¹ Acreage from California Crop and Livestock Reporting Service.

² Includes Naval, Valencia and Mandarin.

³ 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	2009	2,183	1.06	2,314	Tons	\$ 890.58	\$	2,060,800
	2008	2,667	1.25	3,334	Tons	\$ 1,152.82	\$	3,843,500
Blackeye	2009	SEE MISCELLANEOUS						
	2008	400	0.72	288	Tons	905.19		260,700
Miscellaneous, ¹ Beans	2009	5,521		3,813	Tons			3,023,400
	2008	3,912		3,686	Tons			2,759,700
Corn, field Grain	2009	3,477	5.69	19,784	Tons	166.27		3,289,500
	2008	7,720	6.21	47,941	Tons	151.46		7,261,100
Hay, Alfalfa	2009	7,250	7.32	53,070	Tons	123.97		6,579,100
	2008	8,444	7.11	60,037	Tons	198.19		11,898,700
Hay, Grain	2009	2,636	3.08	8,119	Tons	82.73		671,700
	2008	1,952	2.38	4,646	Tons	150.68		700,100
Hay, Other	2009	870	3.65	3,176	Tons	136.14		432,400
	2008	742	3.10	2,300	Tons	185.00		425,500
Pasture, Irrigated	2009	10,240			Acres	140.00		1,433,600
	2008	10,449			Acres	140.00		1,462,900
Pasture, Range, Dry	2009	64,496			Acres	10.00		645,000
	2008	63,231			Acres	10.00		632,300
Rice ²	2009	109,766	4.30	471,994	Tons	406.80		192,007,200
	2008	92,344	4.20	387,845	Tons	542.40		210,367,100
Safflower	2009	1,965	1.24	2,437	Tons	308.80		752,500
	2008	6,517	1.46	9,515	Tons	400.34		3,809,200

- CONTINUED -

FIELD CROPS continued

CROPS	YEAR	PRODUCTION			VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Sorghum, Grain	2009	150	2.90	435	Tons	\$ 147.57	\$ 64,200
	2008	572	3.79	2,168	Tons	\$ 143.00	\$ 310,000
Straw, Grain	2009	6,377	1.41	8,992	Tons	37.00	332,700
	2008	3,879	2.00	7,758	Tons	30.00	232,700
Wheat, Grain	2009	14,045	2.29	32,163	Tons	219.54	7,061,100
	2008	15,669	2.21	34,628	Tons	231.42	8,013,600
Wild Rice	2009	1,371	0.75	1,028	Tons	1,044.00	1,073,200
	2008	4,455	0.75	3,341	Tons	1,533.33	5,122,900
Miscellaneous ³	2009	2,961		19,080	Tons		1,699,100
	2008	2,035		24,223	Tons		1,628,000
Field Crop By-Products	2009			77,608	Tons	42.22	3,276,600
	2008			69,919	Tons	38.04	2,659,700
TOTAL	2009	233,308				\$	224,402,100
	2008	224,988				\$	261,387,700

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

² Includes USDA Support Price.

³ 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,	2009	1,563	8.66	13,536	Tons	\$ 338.64	\$	4,583,800
Honeydew	2008	1,446	8.79	12,710	Tons	\$ 299.33	\$	3,804,500
Tomatoes,	2009	9,000	36.34	327,060	Tons	80.00		26,164,800
Processing	2008	8,000	38.75	310,000	Tons	73.00		22,630,000
Watermelons	2009	SEE MISCELLANEOUS						
	2008	97	12.13	1,177	Tons	300.00		353,100
Miscellaneous ¹	2009	61		630	Tons			678,300
	2008	114		1,082	Tons			970,000
TOTAL	2009	10,624					\$	31,426,900
	2008	9,657					\$	27,757,600

¹ Includes Asparagus, Basil, Bean (Green), Beet, Broccoli, Cabbage, Cantaloupe, Carrot, Cauliflower, Cilantro, Corn (Sweet), Cucumber, Eggplant, Garlic, Gourd, Herbs, Kale, Melon (Mix), Okra, Onion, Pea, Pepper, Potato, Potato (Sweet), Pumpkin, Squash, Tomatoes (Fresh, Greenhouse), Watermelon 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, ¹ (Dry)	2009	1,534	2,020	3,098,680	Lbs	\$	0.53	\$ 1,642,300
	2008	1,467	1,569	2,301,723	Lbs	\$	0.64	\$ 1,473,100
Cucumber	2009	855	148	126,540	Lbs		11.95	1,512,200
	2008	686	296	203,056	Lbs		6.80	1,380,800
Pumpkin & Squash	2009	492	637	313,404	Lbs		2.97	930,800
	2008	296	324	95,904	Lbs		8.56	820,900
Rice	2009	5,269	8,600	45,313,400	Lbs		0.25	11,328,400
	2008	4,656	7,711	35,902,416	Lbs		0.38	13,642,900
Safflower	2009	1,146	1,333	1,527,618	Lbs		0.15	229,100
	2008	608	2,000	1,216,000	Lbs		0.24	291,800
Sunflower	2009	9,041	1,041	9,411,681	Lbs		1.22	11,482,300
	2008	7,103	718	5,099,954	Lbs		1.04	5,304,000
Watermelon	2009	919	300	275,700	Lbs		6.17	1,701,100
	2008	1,142	224	255,808	Lbs		10.50	2,686,000
Wheat	2009	995	4,706	4,682,470	Lbs		0.10	468,200
	2008	2,186	5,587	12,213,182	Lbs		0.09	1,099,200
Miscellaneous ²	2009	1,084		388,721	Lbs			6,038,200
	2008	2,330		602,860	Lbs			2,619,600
TOTAL	2009	21,335						\$ 35,332,600
	2008	20,474						\$ 29,318,300

¹ Includes Beans (Black, Cowpea, Cranberry, Garbanzo, Jaguar, Lima, Dark Red Kidney, Light Red Kidney, Yellow) and other bean seed crops of a limited number of growers/processors in Sutter County.

² Includes Beet, Broccoli, Cabbage, Cantaloupe, Carrot, Coriander, Eggplant, Herb (Arrugula, Dill), Honeydew Melons, Kale, Lettuce, Melon, Onion, Peas, Pepper, Radish, Sunflower, Tomato, Tricale, 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	2009	158	1,966,764	Each	\$ 8,326,000
Trees & Vines	2008	157	2,888,300	Each	\$ 11,936,000
Miscellaneous ¹	2009	5			2,908,900
	2008	4			63,800
TOTAL	2009	163			11,234,900
	2008	161			11,999,800

¹Includes Ornamental Trees, Shrubs and other Nursery Stock

APIARY PRODUCTS PRODUCTION AND VALUE

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
Honey	2009	136,233	Pounds	\$ 1.90	\$ 258,800
	2008	86,515	Pounds	\$ 1.00	\$ 86,500
Pollination	2009	49,733	Colony	33.42	1,662,100
	2008	28,839	Colony	61.64	1,777,600
Miscellaneous ¹	2009	37,950			641,100
	2008	48,092			810,600
TOTAL	2009	223,916			\$ 2,562,000
	2008	163,446			\$ 2,674,700

¹ Includes Package Bees, and Queen Bees.

LIVESTOCK PRODUCTS PRODUCTION AND VALUE

ITEM	YEAR	PRODUCTION			VALUE		TOTAL
		NUMBER	TOTAL LIVE WEIGHT	UNIT	PER UNIT	UNIT	
Cattle & Calves	2009	9,609	71,838	Cwt.	\$ 71.17	\$	5,112,700
	2008	8,293	71,653	Cwt.	\$ 82.33	\$	5,899,200
Sheep & Lambs	2009	15,577	19,190	Cwt.	82.94		1,591,600
	2008	16,397	20,190	Cwt.	84.60		1,708,100
Wool ¹	2009	95,736		Lbs.	0.89		85,200
	2008	100,776		Lbs.	0.99		99,800
Miscellaneous ²	2009						4,283,300
	2008						5,601,300
Livestock	2009						3,400
By-Products	2008						3,800
TOTAL	2009					\$	11,076,200
	2008					\$	13,312,200

¹ Includes USDA Support Price

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

SUMMARY
FARM VALUE OF AGRICULTURAL PRODUCTION

	<u>2008</u>		<u>2009</u>
FRUIT & NUT CROPS	\$ 151,744,900	FRUIT & NUT CROPS	\$ 159,656,400
FIELD CROPS	\$ 261,387,700	FIELD CROPS	\$ 224,402,100
SEED CROPS	\$ 29,318,300	SEED CROPS	\$ 35,332,600
VEGETABLE CROPS	\$ 27,757,600	VEGETABLE CROPS	\$ 31,426,900
NURSERY PRODUCTS	\$ 11,999,800	NURSERY PRODUCTS	\$ 11,234,900
APIARY PRODUCTS	\$ 2,674,700	APIARY PRODUCTS	\$ 2,562,000
LIVESTOCK PRODUCTS	\$ 13,312,200	LIVESTOCK PRODUCTS	\$ 11,076,200
TOTAL	\$ 498,195,200		\$ 475,691,100

TEN LEADING CROPS AND VALUE¹

(Excluding By-Products)

	<u>2008</u>		<u>2009</u>
RICE	\$ 224,010,000	RICE	\$ 203,335,600
WALNUTS	\$ 51,480,300	DRIED PLUMS (PRUNES)	\$ 54,323,800
DRIED PLUMS (PRUNES)	\$ 47,856,600	WALNUTS	\$ 46,189,800
PEACHES	\$ 34,762,800	PEACHES	\$ 38,112,700
TOMATOES	\$ 23,171,300	TOMATOES	\$ 26,731,300
NURSERY PRODUCTS	\$ 11,999,800	NURSERY PRODUCTS	\$ 11,234,900
ALFALFA	\$ 11,898,700	WHEAT	\$ 7,529,300
WHEAT	\$ 9,112,800	BEANS	\$ 6,727,500
BEANS	\$ 8,340,500	ALFALFA	\$ 6,579,100
ALMONDS	\$ 6,434,500	ALMONDS	\$ 6,070,000

¹ 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>
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
1980	\$ 299,014,700	2009	\$ 475,691,100

* Revised

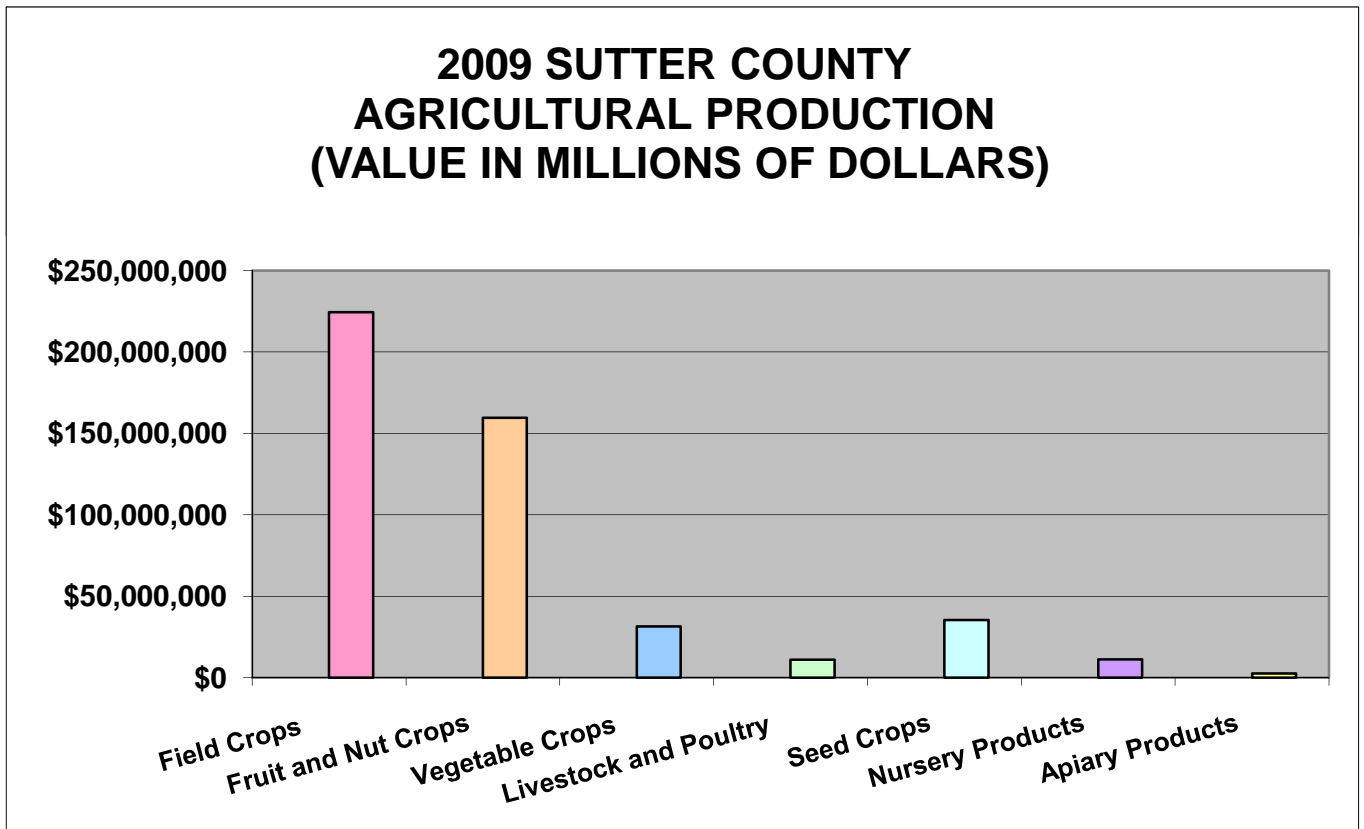
AGRICULTURAL PRODUCTION COMPARISON

COUNTY	2008 RANK	GROSS VALUE *	TOTAL COUNTY ACRES **	AGRICULTURAL LAND ***	AGRICULTURAL LAND PERCENT	AG VALUE PER COUNTY ACRES
Fresno	1	\$ 5,662,895,000	3,816,320	1,636,224	43%	\$ 1,483.86
Tulare	2	\$ 5,018,022,800	3,158,400	1,168,684	37%	\$ 1,588.79
Kern	3	\$ 4,033,312,000	5,229,440	2,361,765	45%	\$ 771.27
Monterey	4	\$ 3,823,287,300	2,127,359	1,327,972	62%	\$ 1,797.20
Sutter	24	\$ 498,195,200	389,622	359,802	92%	\$ 1,278.66

* County Crop Report

**State of California Public Land Survey

*** 2007 Census of Agriculture



2009 SUTTER COUNTY EXPORTS

VEGETABLE/GRASS SEEDS

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

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

DRIED PLUMS (PRUNES)

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

KIWIFRUIT

Mexico

WALNUT - MEATS AND IN SHELL

Algeria, Argentina, Australia, Brazil, China, Egypt, Germany, Greece, Hong Kong, Israel, Italy, Japan, Lithuania, Netherlands, Norway, Poland, Republic of Korea, Spain, South Africa, Turkey, United Arab Emirates, Venezuela, Viet Nam

PADDY RICE/WILD RICE

Germany, Spain, Uruguay

DRY BEANS/PEAS

Australia, Brazil, China, Columbia, Costa Rica, Cyprus, Italy, Jamaica, Japan, Morocco, Oman, Panama, Portugal, South Africa, Trinidad & Tobago, South Africa

SUSTAINABLE AGRICULTURE

JANUARY - DECEMBER 2009

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

<u>PEST EXCLUSION</u>	<u>Total Units</u> <u>Inspected</u>	<u>Total Acres Inspected</u>
Interstate, Intrastate	3,852	
Phytosanitary Field Inspection		12,567

<u>BIOLOGICAL CONTROL</u>				
<u>Pest</u>	<u>Control Agent</u>	<u>Scientific Name</u>	<u>Program Scope*</u>	<u>Distribution*</u>
Puncturevine	Puncturevine Seed Weevil	<i>(Microlarinus lareynii)</i>	Countywide	General
<i>(Tribulus terrestris)</i>	Puncturevine Stem Weevil	<i>(M. lypriformis)</i>	Countywide	General
Yellow Starthistle	Yellow Starthistle Bud Weevil	<i>(Bangasternus orientalis)</i>	10 sites	Locally established
<i>(Centaurea solstitialis)</i>	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	Lerp Psyllid Wasp	<i>(Psyllaephagus bliteus)</i>	2 sites	Locally established
<i>(Glycaspis brimblecombei)</i>				

<u>PEST DETECTION</u>	<u>Visual Hours</u>	<u>Number of Properties</u>	<u>Traps in Operation (Seasonal High)</u>	<u>Total Number of Services</u>
Public Contact	193	130		
Khapra Beetle			114	230
McPhail			12	267
Vine Mealy Bug			5	20
Light Brown Apple Moth			110	1,253
European Pine Shoot Moth			5	23
Glassy-Winged Sharpshooter			123	2,007
Gypsy Moth			61	237
Japanese Beetle			42	168
Mediterranean Fruit Fly			110	1,256
Melon Fruit Fly			42	376
Oriental Fruit Fly			42	498

<u>VERTEBRATE PEST CONTROL</u>	
<u>CONTROL AGENTS</u>	<u>Units Used/Sold</u>
Anticoagulant Bait	860
Anticoagulant, Paraffin Blocks	27
Zinc Phosphide Bait	1,000
Strychnine (Below ground use only)	3

<u>NURSERY INSPECTION</u>	<u>Visual Hours</u>	<u>Number of Properties</u>	<u>Number of Acres</u>
	38	48	179

<u>WEED MANAGEMENT AREA PROGRAMS</u>	<u>Hours</u>	<u>Acres</u>
Johnsongrass (<i>Sorghum halepense</i> (L.) Pers),	1,118	2,122
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)**

2009 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 2009: 7,630

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 2009: 1,475

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 2009: 3,766

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 2009: 12,916

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 2009: 282

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 2009: 137

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 2009: 568

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 2009: 41

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 2009: 544

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 2009: 2,346

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 2009: 3,916

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 2009: 1,359

Program Details can be found at:

www.suttercounty.org/cropreport

AGRICULTURAL COMMISSIONER
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

DEPUTY AGRICULTURAL COMMISSIONER
Stephen Scheer

SUPERVISING AGRICULTURAL & STANDARDS BIOLOGIST
Nicolas Oliver

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

AGRICULTURAL & STANDARDS BIOLOGIST I
David Karnegas Hardeep Bains

AGRICULTURAL FIELD ASSISTANT II
Paul Schwall Kenneth Woolery Sandra Schwall

ANIMAL DAMAGE CONTROL SPECIALIST
Jim Kincaide

SUPPORT STAFF

Laura Poma
Karen Dodge
Gina Krog
Gladys Pair

EXECUTIVE SECRETARY I
ACCOUNT CLERK III
SECRETARY
OFFICE ASSISTANT II