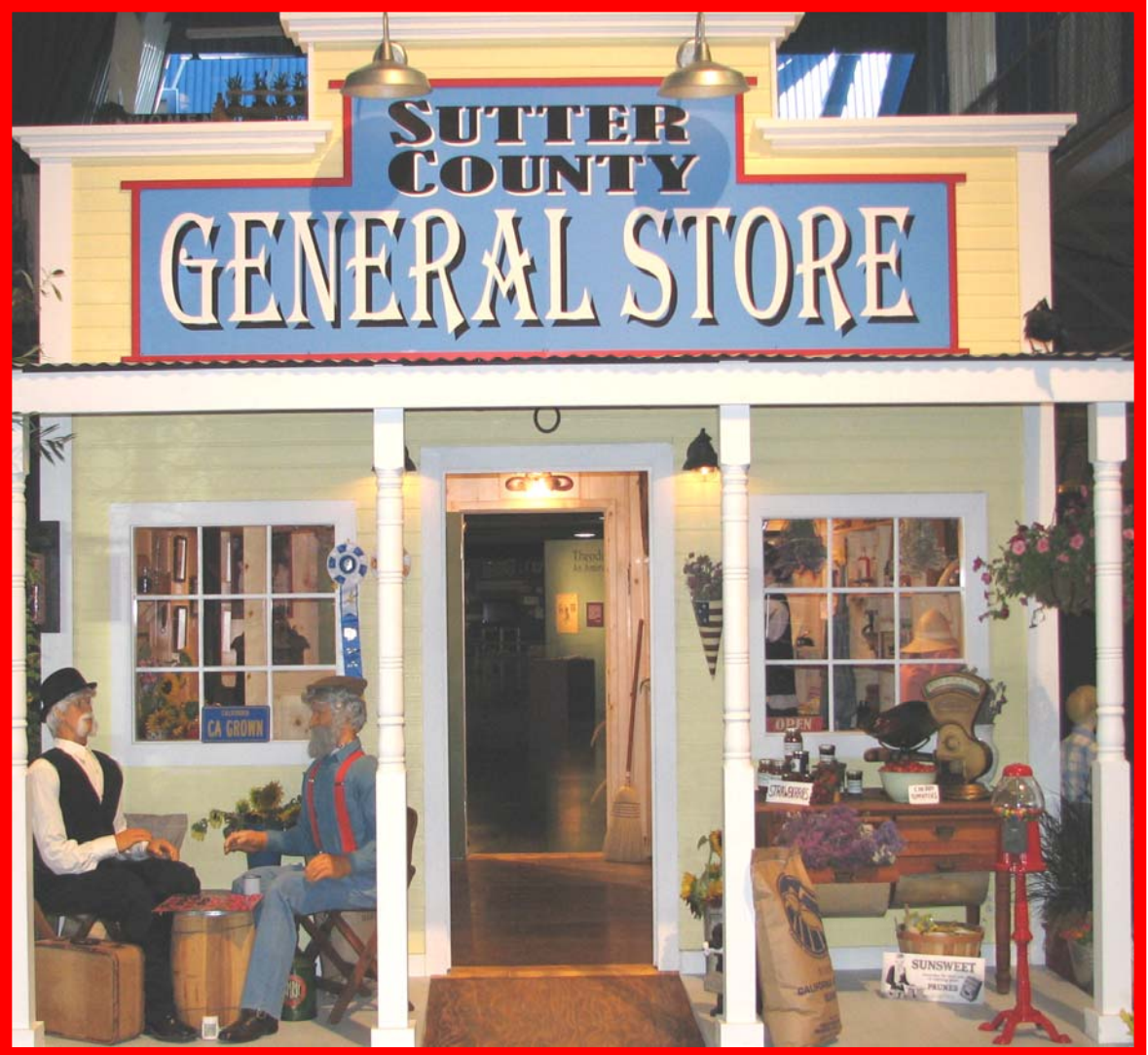


2007



Sutter County Crop, Livestock And Annual Department Report

SUTTER COUNTY “GENERAL STORE”

The 2007 State Fair Exhibit represented a “General Store” in the 1940’s a popular place in Sutter County where one could purchase the family’s essentials from fresh fruit and vegetables to a yard of cotton calico. It was a place where the children could buy penny candy and play stickball outside while their parents sit around the potbelly stove catching up on the latest gossip.

Sutter County brought home a Gold Ribbon and an additional Blue Ribbon for “Best Experience.”



OFFICE OF THE
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS & MEASURES

May 2008

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:
Larry Montna, Chairman, District 1
Stan Cleveland, District 2
Larry Munger, District 3
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 2007 Sutter County Agricultural Crop Report. Sutter County's gross agricultural production value totaled \$377,950,800 with Rice, Walnuts, Peaches, (processing) Tomatoes, Dried Plums and Almonds as the leading agricultural commodities.

Strong demand helped increase market prices, especially for walnuts, field corn, hay, safflower, wheat, processing tomatoes, and seed crops. In contrast, record freezing temperatures in January affected several frost-sensitive crops throughout California, but it was the reoccurring high temperatures during the dried-plum crop bloom in March that once again drastically affected yields. Honey production continues to be plagued by a malady of honeybee disorders, including the newfound Colony Collapse Disorder.

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 \$1.32 Billion to our local economy in 2007.

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.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "MPQ", 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	TOTAL	
Almonds, Meats	2007	4,609	0.69	3,180	Tons	\$	3,451.00	\$ 10,974,200
	2006	4,682	0.50	2,341	Tons	\$	4,393.85	\$ 10,286,000
Almonds, Hulls	2007			795	Tons		85.00	67,600
	2006			580	Tons		75.00	43,500
Kiwifruit	2007	137	6.37	873	Tons		1,259.35	1,099,400
	2006	114	7.45	849	Tons		1,145.23	972,600
Peaches, Cling	2007	7,409	17.40	128,917	Tons		284.46	36,671,700
	2006	7,782	13.92	108,325	Tons		252.58	27,360,800
Pears	2007	See Miscellaneous						
	2006	127	13.97	1,774	Tons		220.82	391,700
Persimmons	2007	255	4.58	1,168	Tons		664.30	775,900
	2006	259	3.57	925	Tons		474.50	438,900
Dried Plums (Prunes)	2007	19,601	0.60	11,761	Tons		1,433.03	16,853,900
	2006	19,654	2.61	51,297	Tons		1,323.02	67,867,000
Walnuts, English	2007	18,128	1.51	27,373	Tons		2,232.49	61,109,900
	2006	17,351	1.52	26,374	Tons		1,697.99	44,782,800
Miscellaneous Fruit & Nuts ¹	2007	678		1,862	Tons			1,459,900
	2006	634		737	Tons			1,147,200
Orchard By-Products	2007							6,251,500
	2006							5,628,400
TOTAL	2007	50,817					\$	135,264,000
	2006	50,603					\$	158,918,900

¹ Includes Apples, Apricots, Bushberries (Blackberries, Boysenberries, & Raspberries), Cherries, Chestnut, Feijoa/Guava, Figs, Grapefruit, Grapes, Jujube (Chinese Dates), Lemon, Limes, Nectarines, Olives, Oranges (Mandarin, Naval & Valencia), Peaches (Freestone), Pecan, Pistachios, Plum, 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 ¹

CROP	BEARING ACRES		NON-BEARING ACRES	
	2006	2007	2006	2007
Almonds	4,682	4,609	2,006	2,763
Apples	216	179	3	3
Apricots	5	6	1	2
Cherries	14	12	2	4
Chestnuts	26	12	0	0
Grapes	87	86	1	2
Kiwi ²	198	198	1	1
Nectarines	51	44	9	14
Olives	36	35	43	63
Oranges ³	38	31	14	0
Peaches, Cling	7,782	7,523	1,999	3,298
Peaches, Freestone	103	106	4	16
Pears	132	49	8	9
Pecans	21	22	21	21
Persimmons	259	255	5	7
Pistachios	37	51	16	2
Plums	67	49	6	19
Dried Plums (Prunes)	19,654	19,601	1,476	4,143
Strawberries	24	31	0	0
Walnuts, Black	67	67	0	0
Walnuts, English	17,351	18,128	6,978	9,978
Miscellaneous ⁴	14	64	30	58
TOTAL	50,864	51,158	12,623	20,403

¹ Acreage from California Crop and Livestock Reporting Service.

² Correction of Acreage 2006.

³ Includes Naval, Valencia and Mandrin.

⁴ Includes Berries, Feijoa (Guava), Fig, Grapefruit, Jujube, Lemon, Lime, Pomegranate and Tangerine.

FIELD CROPS ACREAGE, PRODUCTION AND VALUE

CROPS	YEAR	PRODUCTION			VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	
BEANS, DRY:							
Lima	2007	1,360	1.10	1,496	Tons	\$ 813.92	\$ 1,217,600
	2006	3,510	1.14	4,001	Tons	\$ 832.93	\$ 3,332,600
Blackeye	2007	960	0.69	662	Tons	792.15	524,400
	2006	1,359	0.65	883	Tons	798.76	705,300
Miscellaneous ¹	2007	3,041		3,981	Tons		2,532,400
	2006	4,359		3,326	Tons		1,864,000
Corn, field Grain	2007	7,800	6.06	47,268	Tons	133.76	6,322,600
	2006	1,644	5.50	9,042	Tons	95.86	866,800
Hay, Alfalfa	2007	7,772	6.58	51,140	Tons	150.72	7,707,800
	2006	8,960	6.02	53,939	Tons	123.07	6,638,300
Hay, Grain	2007	700	3.45	2,415	Tons	116.49	281,300
	2006	1,058	3.58	3,788	Tons	106.47	403,300
Hay, Other	2007	781	2.70	2,109	Tons	154.46	325,800
	2006	1,659	2.72	4,512	Tons	95.71	431,800
Oats, Grain	2007	220	2.09	460	Tons	122.00	56,100
	2006	See Miscellaneous					
Pasture, Irrigated	2007	10,662			Acres	140.00	1,492,700
	2006	10,770			Acres	120.00	1,292,400
Pasture, Range, Dry	2007	61,991			Acres	10.00	619,900
	2006	61,377			Acres	13.30	816,300
Rice ²	2007	108,241	3.93	425,387	Tons	304.20	129,402,700
	2006	92,984	4.15	385,884	Tons	275.60	106,349,600
Safflower	2007	5,213	1.30	6,777	Tons	368.67	2,498,500
	2006	6,984	0.84	5,867	Tons	262.19	1,538,300

FIELD CROPS continued

CROPS	YEAR	PRODUCTION			VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	
Sorghum, Grain	2007	616	2.26	1,392	Tons	\$ 157.70	\$ 219,500
	2006	420	2.77	1,163	Tons	\$ 100.00	\$ 116,300
Straw, Grain	2007	7,415	1.93	14,311	Tons	30.00	429,300
	2006	6,468	2.00	12,936	Tons	30.00	388,100
Wheat, Grain	2007	20,721	2.76	57,190	Tons	156.72	8,962,800
	2006	2,415	1.53	3,695	Tons	124.09	458,500
Wild Rice	2007	2,871	0.77	2,211	Tons	1,538.31	3,401,200
	2006	2,670	0.70	1,869	Tons	1,367.26	2,555,400
Miscellaneous ³	2007	1,768		14,981	Tons		1,511,200
	2006	1,703		11,072	Tons		1,581,800
Field Crop By-Products	2007			78,753	Tons	24.54	1,932,600
	2006			58,482	Tons	22.01	1,287,200
TOTAL	2007	242,132				\$	169,438,400
	2006	208,340				\$	130,626,000

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

² Includes USDA Support Price.

³ Includes Barley, Corn (Silage), Oat (Silage), Cotton, 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,	2007	2,207	10.67	23,549	Tons	\$ 265.81	\$	6,259,600
Honeydew	2006	2,557	10.51	26,874	Tons	\$ 262.91	\$	7,065,400
Tomatoes,	2007	7,900	39.47	311,813	Tons	61.89		19,298,100
Processing	2006	6,900	30.40	209,760	Tons	58.48		12,266,800
Watermelons	2007	See Miscellaneous						
	2006	81	32.49	2,632	Tons	226.00		594,800
Miscellaneous ¹	2007	629		7,393	Tons			3,634,800
	2006	536		2,176	Tons			1,637,300
TOTAL	2007	10,736					\$	29,192,500
	2006	10,074					\$	21,564,300

¹ Includes the following crops:
Asparagus, Basil, Beans (Green String), Beet, Bok Choy, Broccoli, Cabbage, Cantaloupe, Carrot, Chard (Swiss/Red), Cilantro, Corn (Sweet), Cucumber, Diakon, Eggplant, Garlic, Gourds, Herbs, Jicama, Lettuce, Melons (Mixed), Okra, Onion, Peas (Blackeye), Peppers (Bell, Red Chili, Yellow Wax), Potatoes, Pumpkin (Farmers Market, Wholesale/Retail) Squash, Tomatoes (Fresh, Greenhouse) Tomatillo, 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)	2007	1,970	1,609	3,169,730	Lbs	\$	0.42	\$ 1,331,300
	2006	940	1,335	1,254,900	Lbs	\$	0.40	\$ 502,000
Cantaloupe & Honeydew	2007	See Miscellaneous						-
	2006	61	295	17,995	Lbs		2.70	48,600
Cucumber	2007	239	164	39,196	Lbs		9.43	369,600
	2006	458	257	117,706	Lbs		5.34	628,600
Pumpkin & Squash	2007	111	349	38,739	Lbs		11.97	463,700
	2006	439	367	161,113	Lbs		3.47	559,100
Rice	2007	5,204	7,213	37,536,452	Lbs		0.20	7,507,300
	2006	6,672	7,520	50,173,440	Lbs		0.18	9,031,200
Safflower	2007	788	2,000	1,576,000	Lbs		0.19	299,400
	2006	808	1,680	1,357,440	Lbs		0.14	190,000
Sunflower	2007	4,435	1,015	4,501,525	Lbs		0.90	4,051,400
	2006	4,383	646	2,831,418	Lbs		0.90	2,548,300
Watermelon	2007	395	168	66,360	Lbs		15.79	1,047,800
	2006	1,042	245	255,290	Lbs		3.02	771,000
Wheat	2007	1,240	4,592	5,694,080	Lbs		0.08	455,500
	2006	1,112	4,000	4,448,000	Lbs		0.06	266,900
Miscellaneous ²	2007	1,825		614,072	Lbs			288,100
	2006	1,142		273,192	Lbs			406,200
TOTAL	2007	16,207						\$ 15,814,100
	2006	17,057						\$ 14,951,900

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

² Includes Cantaloupe, Carrot, Cauliflower, Gourd, Onion, Radish, Sudangrass, Swiss Chard, Tomato, Triticale-Juan, Turnip, Vetch 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	2007	206	2,043,309	Each	\$ 9,835,000
Trees & Vines	2006	250	2,774,326	Each	\$ 12,644,700
Miscellaneous ¹	2007	2			46,600
	2006	6			91,800
TOTAL	2007	208			\$ 9,881,600
	2006	256			\$ 12,736,500

¹Includes Ornamental Trees, Shrubs and other Nursery Stock

**APIARY PRODUCTS
PRODUCTION AND VALUE**

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
Honey	2007	21,255	Pounds	\$ 0.85	\$ 18,100
	2006	85,408	Pounds	\$ 0.85	\$ 72,600
Pollination	2007	24,816	Colony	54.44	1,351,000
	2006	39,089	Colony	83.48	3,263,100
Miscellaneous ¹	2007	53,600			936,800
	2006	38,030			637,700
TOTAL	2007	99,671			\$ 2,305,900
	2006	162,527			\$ 3,973,400

¹ Includes Beeswax, Package Bees, and Queen Bees.

LIVESTOCK PRODUCTS PRODUCTION AND VALUE

ITEM	YEAR	PRODUCTION		UNIT	VALUE		TOTAL
		NUMBER	TOTAL LIVEWEIGHT		PER UNIT	TOTAL	
Cattle & Calves	2007	10,248	90,499	Cwt.	\$ 101.48	\$	9,183,800
	2006	12,056	106,038	Cwt.	\$ 102.36	\$	10,854,000
Sheep & Lambs	2007	17,260	21,263	Cwt.	84.41		1,794,800
	2006	15,982	19,255	Cwt.	78.40		1,509,600
Wool ¹	2007	106,080		Lbs.	1.32		140,000
	2006	95,336		Lbs.	0.94		89,600
Miscellaneous ²	2007						4,920,200
	2006						3,615,700
Livestock	2007						5,500
By-Products	2006						5,300
TOTAL	2007					\$	16,044,300
	2006					\$	16,074,200

¹ Includes Subsidy Price.

² Includes Angora Fur, Aquaculture, Fish Bait, 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>2006</u>		<u>2007</u>
FRUIT & NUT CROPS	\$ 158,918,900	FRUIT & NUT CROPS	\$ 135,264,000
FIELD CROPS	\$ 130,626,000	FIELD CROPS	\$ 169,438,400
SEED CROPS	\$ 14,951,900	SEED CROPS	\$ 15,814,100
VEGETABLE CROPS	\$ 21,564,300	VEGETABLE CROPS	\$ 29,192,500
NURSERY PRODUCTS	\$ 12,736,500	NURSERY PRODUCTS	\$ 9,881,600
APIARY PRODUCTS	\$ 3,973,400	APIARY PRODUCTS	\$ 2,305,900
LIVESTOCK PRODUCTS	\$ 16,074,200	LIVESTOCK PRODUCTS	\$ 16,044,300
TOTAL	\$ 358,845,200		\$ 377,940,800

TEN LEADING CROPS AND VALUE¹

(Excluding By-Products)

	<u>2006</u>		<u>2007</u>
RICE	\$ 115,380,800	RICE	\$ 136,910,000
WALNUTS	\$ 67,867,000	WALNUTS	\$ 61,110,700
PEACHES	\$ 44,783,500	PEACHES	\$ 36,838,300
ALMONDS	\$ 27,511,300	TOMATOES	\$ 19,412,200
TOMATOES	\$ 12,736,500	DRIED PLUMS (PRUNES)	\$ 16,853,900
NURSERY PRODUCTS	\$ 12,682,900	ALMONDS	\$ 11,041,800
CATTLE & CALVES	\$ 10,854,000	NURSERY PRODUCTS	\$ 9,881,600
DRIED PLUMS (PRUNES)	\$ 10,329,500	CATTLE & CALVES	\$ 9,183,800
CORN	\$ 8,350,600	ALFALFA	\$ 7,707,800
WHEAT	\$ 6,638,300	MELONS	\$ 7,317,600

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>
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	\$ 305,190,190
1977	\$ 200,878,000	2006	\$ 358,845,200
1978	\$ 220,502,000	2007	\$ 377,940,800

*Revised

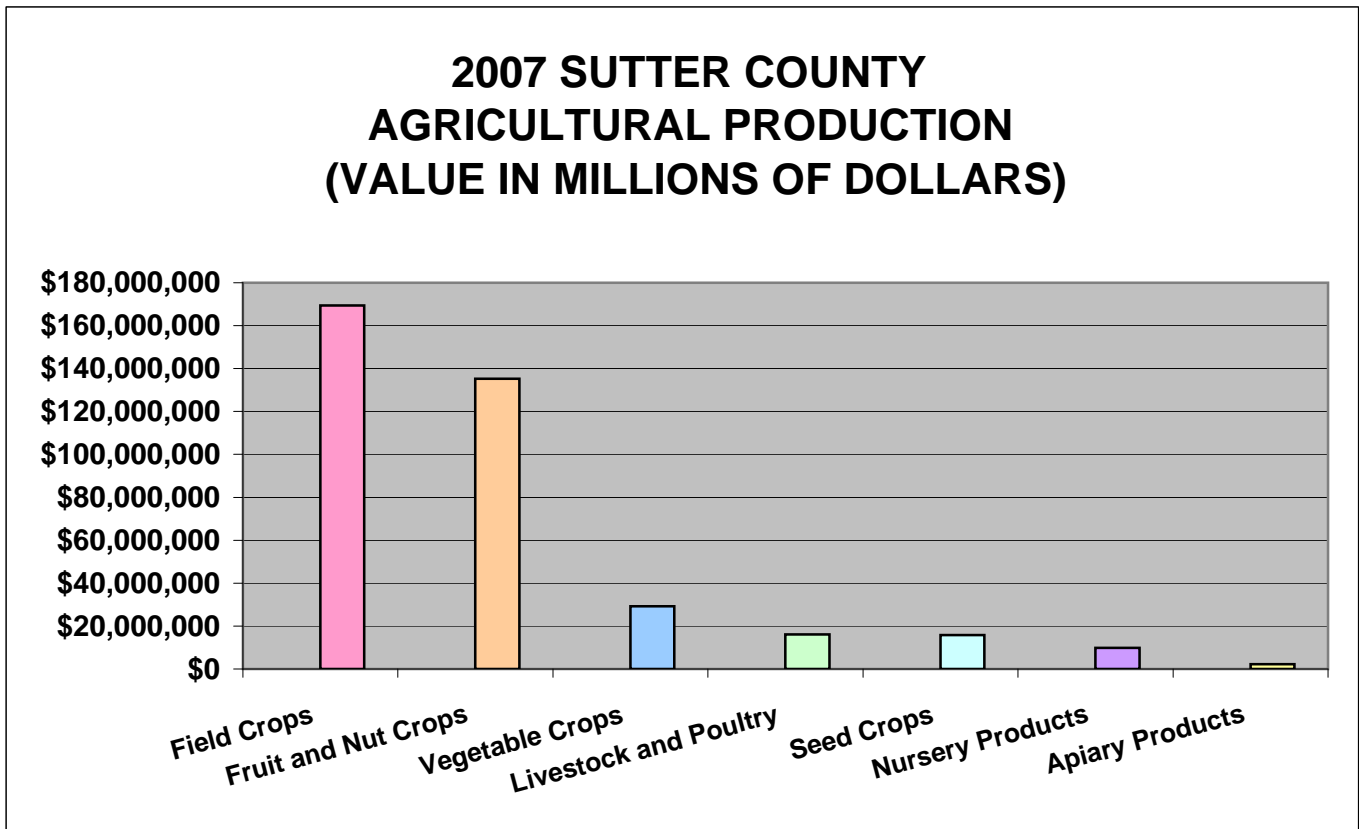
AGRICULTURAL PRODUCTION COMPARISON

COUNTY	2006 RANK	GROSS VALUE *	TOTAL COUNTY ACRES **	AGRICULTURAL LAND ***	AGRICULTURAL LAND PERCENT	AG VALUE PER COUNTY ACRES
Fresno	1	\$ 4,845,737,100	3,816,320	1,928,865	51%	\$ 1,269.74
Tulare	2	\$ 3,872,059,700	3,158,400	1,393,456	44%	\$ 1,225.96
Monterey	3	\$ 3,490,076,000	2,127,359	1,260,613	59%	\$ 1,640.57
Kern	4	\$ 3,476,963,500	5,229,440	2,731,341	52%	\$ 664.88
Sutter	24	\$ 358,845,200	389,440	371,964	96%	\$ 921.44

* County Crop Report

**County Assessor's Office

*** 2002 Census of Agriculture



2007
SUTTER COUNTY EXPORTS

VEGETABLE/GRASS SEEDS

Seeds include the following: Alfalfa, artichoke, asparagus, bean, beet, broccoli, cabbage, carrot, cauliflower, celery chard (swiss), chickpeas, clover, collard, coriander, corn, cowpeas, cucumber, eggplant, leek, lettuce, melon, mustard, okra, onion, parsley, pea, pepper, popcorn, pumpkin, radish, rocket, safflower, spinach, squash, tomato, turnip watermelon & grass.

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

DRIED PLUMS (PRUNES)

Armenia	Lebanon
Australia	Israel
Brazil	Kuwait
Brimeo	Malaysia
Canada	Malta
Czech Republic	Nicaragua
Costa Rica	Netherlands
Ecuador	New Zealand
Finland	Philippines
France	Poland
Greece	People's Republic of China
Germany	Republic of Korea
Guatemala	Russian Federation
Hong Kong	Singapore
Hungary	South Korea
India	Spain
Indonesia	Switzerland
Israel	Taiwan
Italy	Thailand
Japan	United Kingdom
Latvia	Ukraine

WALNUT - MEATS AND IN SHELL

Australia, Germany, Greece, Italy, Japan, Latvia, Lithuania, Netherlands, People's Rep. of China, Portugal, Republic of Korea, Singapore, Spain

PADDY RICE/WILD RICE

Germany

DRY BEANS/PEAS

Australia
Cyprus
Trinidad & Tobago

DRIED APRICOTS

People's Republic of China

APRICOT KERNELS

Canada, Mexico

SUSTAINABLE AGRICULTURE

JANUARY - DECEMBER 2007

ORGANIC PRODUCERS

Forty Two (42) Organic Registered in Sutter County

PEST EXCLUSION

Total Unts Inspected

Interstate, Intrastate 2,595

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 lareynii</i>) (<i>M. lypriformis</i>)	Countywide Countywide	General General
Yellow Starthistle (<i>Centaurea solstitialis</i>)	Yellow Starthistle Bud Weevil Yellow Starthistle Hairy Weevil Yellow Starthistle Flower Weevil	(<i>Bangasternus orientalis</i>) (<i>Eustenopus villosus</i>) (<i>Larinus curtus</i>)	10 sites 10 sites 2 sites	Locally established Locally established Locally established
	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	402	193	-
Nursery Inspection	47	14	180
Phytosanitary Field Inspection	2,075	194	6,406
Special Survey:			
Import Fire Ant	225	3	-
Khapra Beetle	14	23	-
McPhail	108	12	-
Vine Mealy Bug	48	4	94

<u>VERTEBRATE PEST CONTROL</u>	<u>Properties</u>
Ground Squirrels, Gophers, Jackrabbits, Rats & Mice	12
<u>CONTROL AGENTS</u>	<u>Units Used/Sold</u>
Anticoagulant Bait	820
Anticogulant, Paraffin Blocks	263
Zinc Phosphide Bait	700
Strychnine (Below ground use only)	10

<u>EXOTIC PEST DETECTION</u>	<u>Traps in Operation (Seasonal High)</u>	<u>Total Number of Services</u>
Brown Apple Moth	119	1,037
European Pine Shoot Moth	5	26
Glassy-Winged Sharpshooter	123	1,971
Mediterranean Fruit Fly	110	841
Melon Fruit Fly	42	322
Oriental Fruit Fly	42	329

WEED MANAGEMENT AREA PROGRAMS (WMA)

	<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.):	2,893	2,536

*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)**

2007 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 2007: 7,192

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 2007: 1,742

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 2007: 9,089

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 2007: 15,786

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 2007: 343

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 2007: 387

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 2007: 1,113

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 2007: 62

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 2007: 503

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 2007: 1,823

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 2007: 5,607

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 2007: 501

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 Dennis Hanna
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