

SUTTER COUNTY

2003

CROP REPORT



WESTSIDE MARKET, THE LEGACY

In the late 1800's, Mr. Richard Milton Fichter built a blacksmith shop on the corner of Acacia and South Butte Road in Sutter City. Mr. Gunoudi, a local Sutter City resident, became the town's blacksmith. Since South Butte Road was the main East/West Route, Mr. Fichter added a water tower for livestock and horses that came through the valley.

By the 1920's Mr. Gunoudi realized that the town needed a hardware store. He renovated the west side of the blacksmith shop into a hardware store, and the east side of the shop into a tavern. Richard Fichter's son Milt, became the proprietor of the tavern and named it "Wel-Kum-Inn." This tavern became a popular place for local men to meet and discuss their day's work, the economy, politics and even tell a joke or two.

In the late 1940's the hardware store was turned into a grocery store and delicatessen. It was called "Kimbles." The Brundages became the next store owners and changed the name to "Westside Market." In 1960 the Brundages sold the "Westside Market" to Lee and Pauline Brady. Keeping the store "Westside Market," the Brady's not only catered to the local residence, they made deliveries to their homes and to many businesses in Sutter County.

In 1968 when young man Larry Munger returned home from the service he began working for the Brady's and learned the grocery business. When the Brady's retired in 1973, the Munger family purchased the store and changed the name to "Munger's Market." Today, the Munger family remains as its present owners.



The cover portrays the 2003 Sutter County State Fair Exhibit that brought home a "GOLD" Ribbon for a "**First Place**" and a "Blue" Ribbon for "**Best Display of Artifacts.**" The exhibit was created and built by Sutter County Community Volunteers.



OFFICE OF THE
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS & MEASURES

MARK P. QUISENBERRY
Agricultural Commissioner
Sealer of Weights and Measures

August 2004

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

and The Honorable Board of Supervisors,
County of Sutter:
Dan Silva, Chair, District 5
Casey Kroon, District 1
Dennis Nelson, District 2
Larry Munger, District 3
Jim Whiteaker, District 4

In accordance with Section 2272 and 2279 of the California Food and Agricultural Code, I am pleased to submit the 2003 Sutter County Agricultural Crop Report. Sutter County's gross agricultural production value totaled \$301,229,500, with Rice, Peaches, Dried Plums (Prunes), Walnuts and canning Tomatoes continuing as the leading agricultural commodities.

Overall, commodity prices remained strong in 2003. World events and orchard crop reserves did impact certain commodities. Cattle prices increased significantly in response to the import prohibitions on Canadian beef and to the continuing drought in the Mid-West. Dried Plum prices remained depressed, although slight yield increases offset some of the price decline. A strong demand for Almonds significantly increased return. Imports and marketing issues continued to plague the price return on Peaches while weather took a significant toll in reducing peach yields. Walnut prices and yields were also lower. Canning Tomato acreage and prices continued to spiral downwards as stable reserves and a waning demand continued to affect this commodity. Field crop prices, including Rice, remained strong.

Other factors growers had to contend with this year included significantly higher fuel and fertilizer costs, a wet spring, with hail and high winds that delayed planting and damaged orchard crops, and the State's budget crisis which impacted grower programs.

Notably, as summarized in this report, agriculture continues to be a valuable contributor to our County's economic base, returning over \$1.05 Billion to our economy. 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 "M. P. Quisenberry", is written over a horizontal line.

Mark P. Quisenberry
Agricultural Commissioner

Commencing with this 2003 Crop Report, all reports will now be posted on our website at www.suttercounty.org instead of being printed.

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FRUIT AND NUT CROPS ACREAGE, PRODUCTION AND VALUE

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACRES	PER ACRE			PER UNIT	TOTAL
Almonds, Meats	2003	4,300	0.91	3,913	Tons	\$ 2,317.68	\$ 9,069,100
	2002	4,575	0.62	2,837	Tons	1,879.68	5,332,700
Almonds, Hulls	2003			978	Tons	73.93	72,300
	2002			709	Tons	60.00	42,500
Apples	2003	242	2.00	484	Tons	192.62	93,200
	2002	319	2.37	756	Tons	255.00	192,800
Cherries	2003	37	2.22	82	Tons	2,888.89	236,900
	2002	37	2.20	81	Tons	3,012.92	244,000
Kiwifruit	2003	194	3.91	759	Tons	657.75	499,200
	2002	156	4.40	686	Tons	1,143.00	784,100
Peaches, Cling	2003	10,046	13.52	135,822	Tons	237.00	32,189,800
	2002	9,745	16.30	158,844	Tons	235.00	37,328,300
Peaches, Freestone	2003	107	3.00	321	Tons	363.00	116,500
	2002	96	3.24	311	Tons	348.00	108,200
Pears	2003	243	9.07	2,204	Tons	208.86	460,300
	2002	272	17.64	4,798	Tons	221.00	1,060,400
Persimmons	2003	205	4.29	879	Tons	351.79	309,200
	2002	188	4.50	846	Tons	273.01	231,000
Dried Plums (Prunes)	2003	22,305	1.60	35,688	Tons	727.91	25,977,700
	2002	20,749	1.15	23,861	Tons	807.26	19,262,000
Walnuts, English	2003	17,149	1.32	22,637	Tons	1,040.00	23,542,500
	2002	15,431	1.71	26,387	Tons	1,124.34	29,668,000
Walnuts, Black	2003	71	0.06	4	Tons	164.66	700
	2002	71	0.06	4	Tons	164.66	700
Miscellaneous Fruit & Nuts ¹	2003	354		931	Tons		874,200
	2002	324		731	Tons		765,600
Orchard By-Products	2003						2,921,800
	2002						2,489,600
TOTAL	2003	55,253				\$	96,363,400
	2002	51,963				\$	97,509,900

¹ Includes Apricots, Bushberries (Blackberries, Boysenberries, & Raspberries), Chestnut, Feijoa/Guava, Figs, Fresh Plums, Grapefruit, Grapes, Jujube, Lemon, Limes, Nectarines, Oranges (Mandarin, Naval & Valencia), Pecan, Pistachios, 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 ACREAGE¹**

CROP	BEARING ACRES		NON-BEARING ACRES	
	2002³	2003	2002³	2003
Almonds	4,575	4,300	1,201	1,760
Apples	319	242	54	54
Apricots	4	4	0	1
Cherries	37	37	2	3
Chestnuts	25	25	0	1
Grapes	86	86	1	4
Kiwi	194	194	0	0
Nectarines	39	52	19	6
Olives	10	10	20	22
Oranges, Navel	10	10	0	3
Oranges, Valencia	1	1	0	0
Peaches, Cling	9,745	10,046	3,418	3,736
Peaches, Freestone	96	107	12	11
Pears	272	243	6	37
Pecans	11	11	16	16
Persimmons	188	205	17	30
Pistachios	38	40	6	6
Plums	60	64	7	9
Dried Plums (Prunes)	20,749	22,305	2,421	2,401
Strawberries	21	32	0	0
Walnuts, Black	78	71	0	0
Walnuts, English	15,431	17,149	5,697	5,650
Miscellaneous ²	29	29	5	8
TOTAL	52,018	55,263	12,902	13,758

¹ Acreage from California Crop and Livestock Reporting Service.

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

³ Correction 2002

FIELD CROPS
ACREAGE, PRODUCTION AND VALUE

CROPS	YEAR	PRODUCTION			UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
BEANS, DRY:							
Baby Lima	2003	3,606	0.97	3,498	Tons	\$ 604.16	\$ 2,113,400
	2002	3,962	1.23	4,873	Tons	599.92	2,923,400
Blackeye	2003	875	1.36	1,190	Tons	577.81	687,600
	2002	819	0.76	622	Tons	595.64	370,500
Pink	2003	486	0.77	374	Tons	541.47	202,500
	2002	700	0.66	462	Tons	500.00	231,000
Kidney	2003	739	0.73	539	Tons	657.09	354,200
	2002	252	0.80	202	Tons	664.10	134,100
Miscellaneous ¹	2003	948		636	Tons		494,600
	2002	1,824		1,482	Tons		960,700
Corn, field Grain	2003	2,928	4.30	12,590	Tons	101.44	1,277,100
	2002	4,780	5.66	27,055	Tons	95.02	2,570,800
Hay, Alfalfa	2003	7,247	5.25	38,047	Tons	96.73	3,680,300
	2002	7,054	6.98	49,237	Tons	97.27	4,789,300
Hay, Grain	2003	6,000	3.68	22,080	Tons	60.00	1,324,800
	2002	7,300	3.00	21,900	Tons	75.00	1,642,500
Hay, Other	2003	3,558	3.20	11,386	Tons	85.00	967,800
	2002	4,329	3.00	12,987	Tons	77.50	1,006,500
Oats, Grain	2003	500	0.43	215	Tons	138.55	29,800
	2002	1,099	0.73	802	Tons	163.11	130,800
Pasture, Irrigated	2003	11,100			Acres	135.00	1,498,500
	2002	11,212			Acres	128.00	1,435,100
Pasture, Range, Dry	2003	59,571			Acres	9.00	536,100
	2002	58,981			Acres	7.50	442,400
Rice ²	2003	93,654	4.32	404,585	Tons	314.67	127,310,800
	2002	96,224	4.27	410,876	Tons	251.00	103,129,900
Safflower	2003	14,991	1.18	17,689	Tons	273.21	4,832,800
	2002	13,556	1.35	18,301	Tons	228.49	4,181,600

FIELD CROPS continued

CROPS	YEAR	PRODUCTION			UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
Sorghum, Grain	2003	953	2.31	2,201	Tons	\$ 97.82	\$ 215,300
	2002	501	2.78	1,393	Tons	98.82	137,700
Wheat, Grain	2003	14,246	1.18	16,810	Tons	110.99	1,865,700
	2002	10,331	2.72	28,100	Tons	97.53	2,740,600
Wild Rice	2003	2,261	0.57	1,289	Tons	840.00	1,082,800
	2002	3,245	0.91	2,953	Tons	788.88	2,329,600
Miscellaneous ³	2003	2,377		4,528	Tons		2,457,600
	2002	3,067		8,417	Tons		2,365,900
Field Crop By-Products	2003			64,587	Tons	16.98	1,096,700
	2002			72,418	Tons	16.17	1,171,000
TOTAL	2003	226,040					\$ 152,028,400
	2002	229,236					\$ 132,693,400

¹ Includes Beans (Carnario, Cranberry, Pinkeye & Pinto) and other miscellaneous beans of a limited number of growers/processors in Sutter County.

² Includes USDA Support Price.

³ Includes Chickpea, 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			UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL	
Melons, Honeydew	2003	2,251	10.29	23,163	Tons	\$ 225.30	\$	5,218,600
	2002	4,750	7.26	34,485	Tons	216.67		7,471,900
Tomatoes, Canning	2003	8,000	26.34	210,720	Tons	47.07		9,918,600
	2002	9,100	36.89	335,699	Tons	49.15		16,499,600
Watermelons	2003	52	13.61	708	Tons	242.00		171,300
	2002	50	10.94	547	Tons	254.00		138,900
Miscellaneous ¹	2003	650		3,246	Tons			2,683,500
	2002	696		4,514	Tons			2,588,600
TOTAL	2003	10,953					\$	17,992,000
	2002	14,596					\$	26,699,000

¹ Includes the following crops:

Artichoke, Asparagus, Beans (Blue Lake, Green Jade, Chinese Long, Strike Green, Pole, Bush, Yellow Wax), Beets, Bok Choy, Broccoli, Brussel Sprouts, Cabbage, Cantaloupe, Carrot, Cauliflower, Chard (Swiss/Red), Cilantro, Corn (Sweet), Cucumber, Diakon, Eggplant, Garlic, Gourds, Greens (Collard), Herbs, Jicama, Kohlrabi, Lettuce, Melons (Mixed & Bitter), Mustard, Okra, Onion, Peas (Blackeye & Snow), Peppers (Bell, Red & Chili), Potatoes, Pumpkin (Farmers Market, Wholesale/Retail), 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			
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL		
Beans, Dry	2003	1,281	1,464	1,875,384	Lbs	\$	0.35	\$	656,400
	2002	1,359	1,381	1,873,800	Lbs		0.33		619,300
Cantaloupe & Honeydew	2003	87	472	41,064	Lbs		2.64		108,400
	2002	43	375	16,125	Lbs		3.32		53,500
Cucumber	2003	976	225	219,600	Lbs		6.36		1,396,700
	2002	807	187	150,909	Lbs		8.20		1,237,500
Pumpkin & Squash	2003	622	520	323,440	Lbs		2.80		905,600
	2002	408	576	235,008	Lbs		3.48		817,800
Rice	2003	5,586	7,143	39,900,798	Lbs		0.13		5,187,100
	2002	5,776	8,400	48,518,400	Lbs		0.14		6,792,600
Safflower	2003	1,649	3,019	4,978,331	Lbs		0.15		746,700
	2002	1,493	2,137	3,190,541	Lbs		0.12		382,900
Sunflower	2003	3,685	532	1,960,420	Lbs		0.70		1,372,300
	2002	2,103	922	1,938,966	Lbs		0.55		1,066,400
Watermelon	2003	1,225	315	385,875	Lbs		2.85		1,099,700
	2002	467	281	131,227	Lbs		4.30		564,300
Wheat	2003	1,020	5,500	5,610,000	Lbs		0.05		280,500
	2002	740	5,500	4,070,000	Lbs		0.05		203,500
Miscellaneous ¹	2003	611		299,265	Lbs				1,039,100
	2002	855		287,383	Lbs				1,496,900
TOTAL	2003	16,742						\$	12,792,500
	2002	14,051						\$	13,234,700

¹ Includes Alfalfa, Cabbage, Carrot, Berseem Clover, Collard, Flax, Melon, Onion, Sorghum, Triticale-Juan, Turnip, 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 Trees & Vines	2003	189	1,559,304	Each	\$ 7,167,500
	2002	194	1,338,002	Each	6,223,500
Ornamental Trees, Shrubs and other Nursery Stock	2003	96			390,900
	2002	60			2,705,800
	2003	285			\$ 7,558,400
TOTAL	2002	254			\$ 8,929,300

**APIARY PRODUCTS
PRODUCTION AND VALUE**

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
Honey	2003	236,907	Pounds	\$ 1.22	\$ 289,000
	2002	314,893	Pounds	1.29	406,200
Beeswax	2003	935	Pounds	1.00	900
	2002	4,601	Pounds	1.01	4,600
Package Bees	2003	9,900	Pounds	8.00	79,200
	2002	7,227	Pounds	8.00	57,800
Queen Bees	2003	66,000	Each	12.50	825,000
	2002	45,100	Each	8.80	396,900
Pollination	2003	71,289	Colony	17.85	1,272,500
	2002	51,609	Colony	16.15	833,500
	2003				\$ 2,466,600
TOTAL	2002				\$ 1,699,000

LIVESTOCK PRODUCTS PRODUCTION AND VALUE

ITEM	YEAR	PRODUCTION		UNIT	VALUE		TOTAL
		NUMBER	TOTAL LIVEWEIGHT		PER UNIT	TOTAL	
Cattle & Calves	2003	10,847	104,251	Cwt.	\$ 88.23	\$	9,198,100
	2002	10,990	87,040	Cwt.	80.00		6,963,200
Sheep & Lambs	2003	15,357	18,935	Cwt.	82.33		1,558,900
	2002	14,219	17,575	Cwt.	65.17		1,145,400
Wool	2003	94,496		Lbs.	0.80		75,600
	2002	87,780		Lbs.	0.18		15,800
Miscellaneous ¹	2003						1,190,200
	2002						2,166,400
Livestock By-Products	2003						5,400
	2002						5,000
TOTAL	2003					\$	12,028,200
	2002					\$	10,295,800

¹ Includes Angora Fur, Aquaculture, Bait Products, Chickens, Chicken Eggs, Ducks, Geese, Goats, Milk (Market), Hogs, Partridges, 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>2002</u>		<u>2003</u>
FRUIT & NUT CROPS	\$ 97,509,900	FRUIT & NUT CROPS	\$ 96,363,400
FIELD CROPS	\$ 132,693,400	FIELD CROPS	\$ 152,028,400
SEED CROPS	\$ 13,234,700	SEED CROPS	\$ 12,792,500
VEGETABLE CROPS	\$ 26,699,000	VEGETABLE CROPS	\$ 17,992,000
NURSERY PRODUCTS	\$ 8,929,300	NURSERY PRODUCTS	\$ 7,558,400
APIARY PRODUCTS	\$ 1,699,000	APIARY PRODUCTS	\$ 2,466,600
LIVESTOCK PRODUCTS	\$ 10,295,800	LIVESTOCK PRODUCTS	\$ 12,028,200
TOTAL	\$ 291,061,100		\$ 301,229,500

TEN LEADING CROPS AND VALUE

(Excluding By-Products)

	<u>2002</u>		<u>2003</u>
RICE	\$ 109,922,500	RICE ¹	\$ 132,497,900
PEACHES	\$ 37,436,500	PEACHES	\$ 32,306,300
WALNUTS	\$ 29,668,700	DRIED PLUMS (PRUNES)	\$ 25,977,700
DRIED PLUMS (PRUNES)	\$ 19,262,000	WALNUTS	\$ 23,543,200
TOMATOES	\$ 16,960,300	TOMATOES	\$ 10,213,900
NURSERY PRODUCTS	\$ 8,929,300	CATTLE & CALVES	\$ 9,198,900
MELONS	\$ 8,579,400	ALMONDS	\$ 9,141,400
CATTLE & CALVES	\$ 6,963,200	NURSERY PRODUCTS	\$ 7,558,400
ALMONDS	\$ 5,375,200	MELONS	\$ 6,600,900
ALFALFA HAY	\$ 4,789,300	SAFFLOWER	\$ 5,579,500

¹ Includes Seed. Rice does not include Wild Rice.

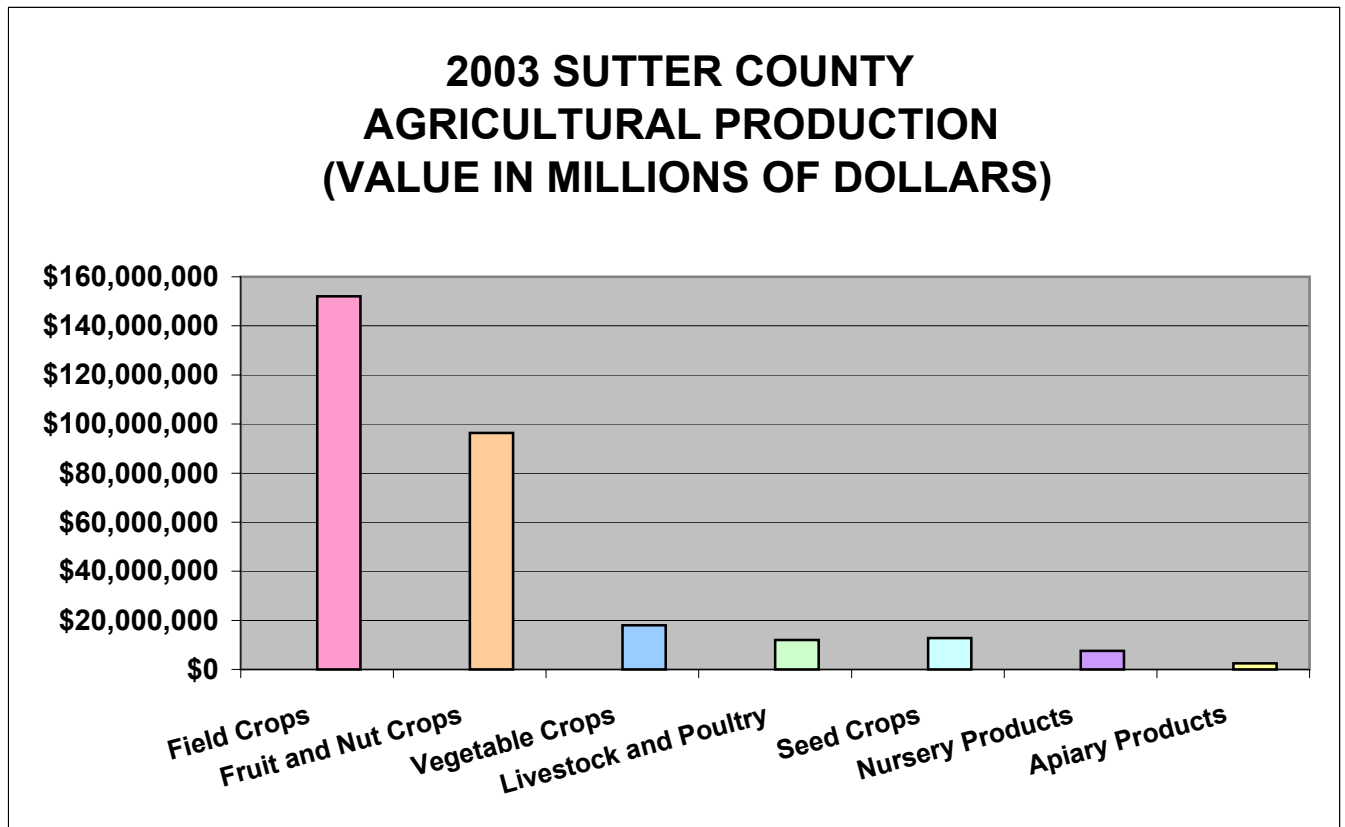
**GROSS VALUE
OF
AGRICULTURAL PRODUCTION**

<u>YEAR</u>	<u>VALUE</u>	<u>YEAR</u>	<u>VALUE</u>
1946	\$ 41,347,000	1975	\$ 187,517,000
1947	\$ 41,291,000	1976	\$ 178,554,000
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	\$ 301,229,500

AGRICULTURAL PRODUCTION COMPARISON

COUNTY	2002 RANK	GROSS VALUE	TOTAL COUNTY ACRES	FARMLAND ACRES	PERCENT FARMLAND	AG VALUE PER COUNTY ACRES
Fresno	1	\$ 3,419,087,000 *	3,840,000	2,031,775	53%	\$ 890.39
Tulare	2	\$ 3,201,084,900 *	3,158,400	1,568,884	50%	\$ 1,013.51
Monterey	3	\$ 2,812,069,383 *	2,127,359	1,299,965	61%	\$ 1,321.86
Kern	4	\$ 2,586,246,500 *	5,223,000	2,851,462	55%	\$ 495.16
Sutter	22	\$ 291,061,100	389,440	331,960	85%	\$ 747.38

* County Crop Report



2003 SUTTER COUNTY EXPORTS

VEGETABLE SEEDS

Seeds include the following: Alfalfa, artichoke, bean, beet, bermuda grass, broccoli, cabbage, cantaloupe, carrot, cauliflower, celery, chard (swiss), collard, coriander, corn cowpea, cucumber, eggplant, endive, garlic, leek, lettuce, melon mustard, okra, onion, parsley, pea, pepper, pumpkin, radish, safflower, spinach, squash, tomato, turnip, watermelon, grass seed, kohlrabi, rochet salad, safflower.

Argentina	Hong Kong	Republic of China
Bolivia	India	Republic of Korea
Brazil	Israel	Russian Federation
Canada	Italy	Saudi Arabia
Chile	Jamaica	Sri Lanka
Colombia	Japan	South Africa
Costa Rica	Jordan	Spain
Czech Republic	Kenya	Switzerland
Denmark	Mauritius	Syria
Dominican Republic	Mexico	Thailand
Ecuador	Morocco	Trinidad & Tobago
Egypt	Netherlands	Turkey
El Salvador	Nicaragua	Uruguay
France	Oman	Venezuela
Germany	Pakistan	Viet Nam
Greece	Panama	Zambia
Guatemala	Peru	Zimbabwe
Guyana	Philippines	
Haiti	Portugal	

PADDY RICE/WILD RICE

Australia, Turkey

DRY BEANS/PEAS

Argentina	Jamaica	Peoples Rep. of China
Australia	Malaysia	Spain
Greece	Mexico	Taiwan
Hong Kong	Panama	Trinidad & Tobago
India	New Zealand	Venezuela
Italy	Panama	

FRESH KIWI

Republic of Korea

REDWOOD WALNUT WOOD BURLS

Switzerland

DRIED PLUMS (PRUNES)

Algeria	Israel	Peru
Austria	Italy	Philippine
Australia	Jamaica	Poland
Bahamas	Japan	Russian Federation
Brazil	Kenya	San Salvador
Canada	Kuwait	Singapore
Czech Republic	Lativa	Sri Lanka
Denmark	Lebanon	Spain
Ecuador	Maita	Switzerland
Ed Salvador	Malaysia	Taiwan
Egypt	Mexico	Thailand
France	Netherlands	Turkey
Greece	New Zealand	Ukraine
Germany	Netherlands	Vietnam
Honduras	Norway	United Kingdom
Hong Kong	Panama	Uruguay
Hungary	People's Rep. of China	
India		

ALMONDS

Spain

CHERRY TREE

Canada

WALNUTS - MEATS AND IN SHELL

Italy, Spain, Netherlands, Germany, Greece, France, Mexico

FRESH MELONS

Japan, Mexico, Bahamas, Jordan

APRICOT KERNELS

Mexico, Germany, Morocco

FRESH PLUM (PRUNES)

Taiwan

**SUSTAINABLE AGRICULTURE
JANUARY - DECEMBER 2003**

ORGANIC PRODUCERS
Thirty-one (31) Organic Registered in Sutter County

PEST EXCLUSION Interstate, Intrastate	Total Units <u>Inspected</u> 7,358
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BIOLOGICAL CONTROL

<u>Pest</u>	<u>Control Agent</u>	<u>Botanical Name</u>	<u>Program Scope</u>
Puncture Vine (<i>Tribulus terrestris</i>)	Puncture vine Seed Weevil Puncture vine Stem Weevil	(<i>Microlarinus lareynii</i>) (<i>M. lypriformis</i>)	Countywide monitoring Countywide monitoring
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 monitored 10 Sites monitored 2 Sites monitored
	False Peacock Fly Peacock Fly Gall Fly	(<i>Chaetorellia succinea</i>) (<i>C. australis</i>) (<i>Urophora sirunaseva</i>)	Countywide monitoring Countywide monitoring Countywide monitoring
Red Gum Lerp Psyllid (<i>Glycaspis brimblecombei</i>)	Lerp Psyllid Wasp	(<i>Psyllaephagus bliteus</i>)	2 Sites monitored

<u>PEST DETECTION</u>	<u>Visual Hours</u>	<u>Number of Properties</u>	<u>Number of Acres</u>
Public Contact	163	55	-
Nursery Inspection	89	20	151
Phytosanitary Field Inspection	2,295	212	6,930
Special Survey:			
Glassy-Winged Sharpshooter	1,628	100	825
Import Fire Ant	19	1	-
Khapra Beetle	32	26	-
McPhail	116	24	6
Rice Disease	41	-	1,655

<u>VERTEBRATE PEST CONTROL</u>	<u>Properties</u>
Ground Squirrels, Gophers, Jackrabbits, Rats & Mice	3
<u>CONTROL AGENTS</u>	<u>Units Used/Sold</u>
Anticoagulant Bait	1,390
Anticogulant, Paraffin Blocks	1,057
Zinc Phosphide Bait	645
Strychnine (Below ground use only)	6

<u>EXOTIC PEST DETECTION</u>	<u>Traps in Operation</u> <u>(Seasonal High)</u>	<u>Total Number</u> <u>of Services</u>
European Pine Shoot Moth	5	20
Glassy-Winged Sharpshooter	126	2,191
Gypsy Moth	61	305
Khapra Beetle	172	344
Japanese Beetle	42	210
Mediterranean Fruit Fly	110	1,320
Melon Fruit Fly	42	378
Oriental Fruit Fly	42	378

WEED MANAGEMENT AREA PROGRAMS (WMA)

	<u>Hours</u>	<u>Sites</u>	<u>Acreage</u>	<u>Mileage</u>
Arundo (<i>Arundo donax</i>):	9	46	1	109
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.):	1,273	-	2,561	8,840
Special Project (Live Oak Blvd)	38	1	35	114

AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS MEASURES
MARK P. QUISENBERRY

ACTING ASSISTANT AGRICULTURAL COMMISSIONER
Mark Brown

ASSISTANT DIRECTOR OF WEIGHTS & MEASURES
Rallin C. Ahlers

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