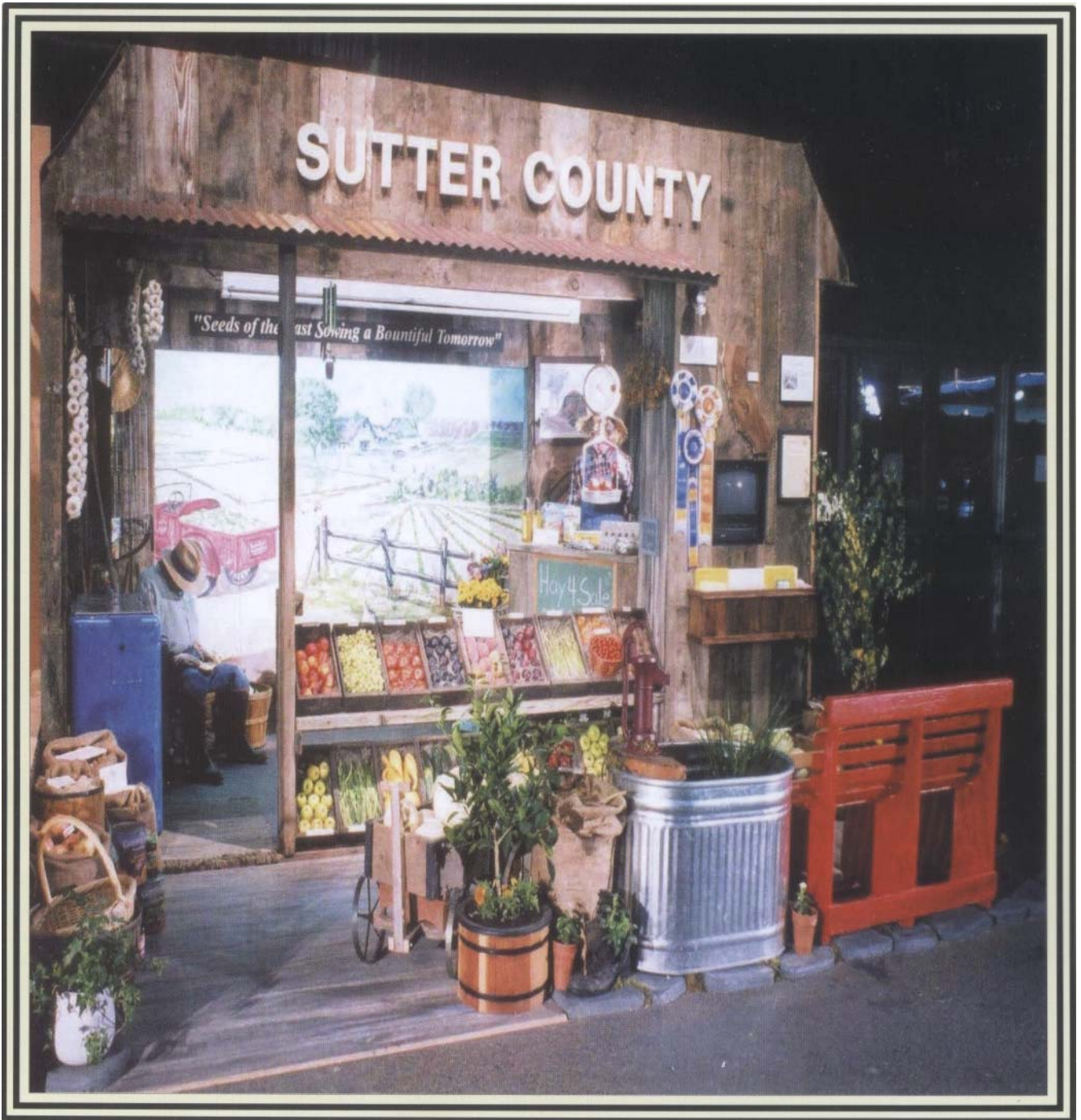


SUTTER COUNTY 2001 CROP REPORT



In 1995, Sutter County volunteers took it upon themselves to design and construct the County's exhibit at the California State Fair. They won a Silver and the "Superintendent's" Award. In 1996 and 1997 Sutter County volunteers brought home Bronze awards for their exhibit.

In 1998 the California State Fair began its commemoration of the 150th anniversary of the Discovery of Gold (1848), the Gold Rush (1849), and its admission to the Union (1850). The State theme in 1998 was "Discovery" and Sutter County won a Bronze award for their booth display. In 1999 the State theme was "Diversity" and Sutter County won their first Gold award as well as an award for the "Best Use of Produce Products Artifacts" displayed. The theme for 2000 was "Destiny" and Sutter County brought home a Gold award once again.

Without a State Fair theme in 2001, Sutter County volunteers designed and constructed a Fruit and Vegetable stand depicting Sutter County's variety of agricultural commodities. Sutter County won their third Gold, as well as the "Best Agricultural Presentation" award and the "Best of Show" award which earns the coveted Golden Bear Trophy.



2001 Statement of Purpose: Seeds of the Past Sowing a Bountiful Tomorrow

Cover picture taken by Don Lane



OFFICE OF THE
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS & MEASURES

MARK P. QUISENBERRY
Agricultural Commissioner
Sealer of Weights and Measures

May 2002

To: William J. Lyons, Jr., Secretary
California Department of Food
and Agriculture

and

The Honorable Board of Supervisors,
County of Sutter:
Larry Munger, Chair, District 3
Casey Kroon, District 1
Dennis Nelson, District 2
Joan Bechtel, 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 2001 Sutter County Agricultural Crop Report. Sutter County's gross agricultural production value totaled \$264,673,000, with Rice, Peaches, Walnuts, Dried Plums (Prunes) and Tomatoes continuing as the leading agricultural commodities.

Erratic weather, high utility and fuel costs, oversupply and low prices significantly affected Sutter County Growers in 2001. Early season meteorological flukes decreased yields, while the California energy crisis dramatically increased utility and fuel costs. Oversupply spurred by foreign imports and elevated reserves resulted in depressed prices for many crops. The impact of last years Tri-Valley bankruptcy was also still evident as fewer processors were available to purchase growers commodities.

Then in late season, Clementine oranges imported from Spain were found infested with Mediterranean fruit fly, a significant agricultural pest. This department's response to the situation was swift; however some infested fruit was sold and poses a significant concern for the marketing of crops in 2002.

As summarized in this report, cropping patterns changed considerably in response to the myriad of marketing problems. However despite all the problems associated with this year, agricultural production returned over \$926 Million to our economy.

I would like to express my sincere appreciation to staff members Mike Furuta and Laura Poma, and to the many individuals involved in the agricultural industry that assisted in the compilation of this report.

Respectfully submitted,

A handwritten signature in black ink, appearing to be "Mark P. Quisenberry", 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				VALUE	
		HARVESTED ACRES	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Almonds, Meats	2001	4,849	0.62	3,006	Tons	\$ 1,542.86	\$ 4,637,800
	2000 **	4,928	0.61	3,006	Tons	1,837.58	5,523,800
Almonds, Hulls	2001			752	Tons	55.00	41,400
	2000 **			752	Tons	55.00	41,400
Apples	2001	240	5.88	1,411	Tons	245.75	346,800
	2000	600	7.23	4,338	Tons	221.86	962,400
Cherries	2001	33	1.97	65	Tons	2,722.69	177,000
	2000	31	0.97	30	Tons	2,420.45	72,600
Kiwifruit	2001	127	3.12	396	Tons	1,000.00	396,000
	2000	201	3.05	613	Tons	599.50	367,500
Peaches, Cling	2001	9,301	16.25	151,141	Tons	237.00	35,820,400
	2000 **	10,335	17.62	182,103	Tons	209.39	38,130,500
Peaches, Freestone	2001	86	3.63	312	Tons	352.00	109,800
	2000	31	2.31	72	Tons	510.34	36,700
Pears	2001	384	15.21	5,841	Tons	211.00	1,232,500
	2000	411	16.80	6,905	Tons	177.17	1,223,400
Persimmons	2001	158	4.36	689	Tons	252.89	174,200
	2000	128	4.24	543	Tons	361.87	196,500
Dried Plums (Prunes)	2001	24,632	1.21	29,805	Tons	736.90	21,963,300
	2000 **	25,658	1.95	50,033	Tons	816.55	40,854,400
Walnuts, English	2001	15,549	1.70	26,433	Tons	1,065.84	28,173,300
	2000 **	15,289	1.35	20,640	Tons	1,243.00	25,655,500
Walnuts, Black	2001	78	0.37	29	Tons	164.66	4,800
	2000	71	0.25	18	Tons	111.11	2,000
Miscellaneous Fruit * & Nuts	2001	315		521	Tons		605,200
	2000	288		622	Tons		455,100
Orchard By-Products	2001				Tons		2,110,200
	2000				Tons		1,618,100
TOTAL	2001	55,752				\$	95,792,700
	2000 **	57,971				\$	115,139,900

*Includes Apricots, Bushberries (Blackberries, Boysenberries, & Raspberries), Chestnut, Feijoa/Guava, Figs, Fresh Plums, Grapefruit, Grapes, Jujube, Lemon, Limes, Loquat, 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.

**2000 Corrected Figure

**FRUIT AND NUT CROPS
BEARING AND NON-BEARING ACREAGE***

CROP	BEARING ACRES		NON-BEARING ACRES	
	2000 ***	2001	2000 ***	2001
Almonds	4,928	4,849	1,342	1,335
Apples	724	400	109	109
Apricots	4	4	0	0
Cherries	31	33	2	4
Chestnuts	25	25	0	0
Grapes	83	83	2	2
Kiwi	201	159	0	0
Nectarines	64	39	1	0
Olives	10	10	0	0
Oranges, Navel	7	10	3	0
Oranges, Valencia	2	1	0	0
Peaches, Cling	10,335	9,301	3,469	3,022
Peaches, Freestone	103	86	3	3
Pears	411	384	92	81
Pecans	11	11	13	16
Persimmons	128	166	54	47
Pistachios	38	38	1	0
Plums	26	53	31	11
Dried Plums	25,658	24,632	3,005	2,514
Strawberries	25	22	0	0
Walnuts, Black	71	78	8	0
Walnuts, English	15,289	15,549	5,745	5,927
Miscellaneous**	27	30	3	5
TOTAL	58,201	55,963	13,883	13,076

* Acreage from California Crop and Livestock Reporting Service.

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

***2000 Corrected Figure

**FIELD CROPS
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION			UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL	
BEANS, DRY:								
Baby Lima	2001	2,677	0.92	2,463	Tons	\$	594.62	\$ 1,464,500
	2000	3,800	0.89	3,382	Tons		509.71	1,723,800
Blackeye	2001	270	0.90	243	Tons		531.63	129,200
	2000	815	0.97	791	Tons		491.41	388,700
Pink	2001	263	1.10	289	Tons		400.00	115,600
	2000	300	0.68	204	Tons		460.00	93,800
Kidney	2001	299	0.98	293	Tons		619.72	181,600
	2000	730	0.76	555	Tons		679.55	377,200
Miscellaneous*	2001	1,535		1,305	Tons			804,500
	2000	1,623		1,196	Tons			754,600
Corn, field Grain	2001	5,931	3.99	23,665	Tons		89.09	2,108,300
	2000	6,992	5.90	41,253	Tons		90.05	3,714,800
Hay, Alfalfa	2001	6,740	6.08	40,979	Tons		111.87	4,584,300
	2000	6,571	6.55	43,040	Tons		98.89	4,256,200
Hay, Grain	2001	5,799	2.63	15,251	Tons		70.00	1,067,600
	2000	3,805	2.42	9,208	Tons		55.00	506,400
Hay, Other	2001	3,439	3.00	10,317	Tons		63.00	650,000
	2000	2,445	2.90	7,091	Tons		50.00	354,600
Oats, Grain	2001	647	1.25	809	Tons		70.00	56,600
	2000	518	1.32	684	Tons		84.00	57,500
Pasture, Irrigated	2001	11,325			Acres		135.00	1,528,900
	2000	11,556			Acres		130.00	1,502,300
Pasture, Range, Dry	2001	58,397			Acres		9.00	525,600
	2000	57,245			Acres		9.00	515,200
Rice**	2001	81,857	4.13	338,069	Tons		252.80	85,463,800
	2000	107,704	4.37	470,666	Tons		271.00	127,550,500
Safflower	2001	15,596	0.93	14,504	Tons		220.00	3,190,900
	2000	12,914	1.15	14,851	Tons		236.19	3,507,700

FIELD CROPS continued

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE			PER UNIT	UNIT	
Sorghum,	2001	291	1.47	428	Tons	\$	83.95	\$ 35,900
Grain	2000	616	2.91	1,793	Tons		85.00	152,400
Wheat, Grain	2001	11,594	2.55	29,565	Tons		83.16	2,458,600
	2000	9,003	2.15	19,356	Tons		87.72	1,697,900
Wild Rice	2001	4,185	0.72	3,013	Tons		792.40	2,387,500
	2000	2,716	0.74	2,010	Tons		988.19	1,986,300
Miscellaneous***	2001	2,337		7,072	Tons			2,507,600
	2000	5,187		18,796	Tons			3,712,700
Field Crop	2001			58,100	Tons		15.40	894,700
By-Products	2000			79,296	Tons		14.00	1,110,100
TOTAL	2001	213,182						\$ 110,155,700
	2000	234,540						\$ 153,962,700

* Includes Beans (Black Turtle, Butter, Carnario, Cranberry, Pinto & Red) and other miscellaneous beans of a limited number of growers/processors in Sutter County.

** Includes Production Flexibility Contract (PFC) and Market Loss Assistance Payment (MLA).

***Includes Corn (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		
Melons,	2001	4,352	7.91	34,424	Tons	\$ 218.48	\$	7,521,000
Honeydew	2000	4,356	7.33	31,929	Tons	257.61		8,225,200
Tomatoes,	2001	9,500	33.05	313,975	Tons	48.79		15,318,800
Canning	2000	9,700	34.22	331,934	Tons	51.84		17,207,500
Watermelons	2001	11	8.84	97	Tons	218.00		21,100
	2000	20	9.82	196	Tons	236.00		46,300
Miscellaneous*	2001	557		1,654	Tons			1,875,900
	2000	550		3,026	Tons			1,928,800
TOTAL	2001	14,420				\$	\$	24,736,800
	2000	14,626				\$	\$	27,407,800

*Includes the following crops:

Asparagus, Beans (Blue Lake, Buttercrisp, Chinese Long, Cranberry, Fava, Green, Jade, Kentucky Wonder, Long, Purple, Venture & Yellow Wax), Beets, Bok Choy, Broccoli, Cabbage, Cantaloupe, Carrots, Cauliflower, Chard (Swiss/Red), Chayote, Cilantro, Corn (Sweet), Cucumber, Diakon, Eggplant, Garlic, Gourds, Greens (Mustard), Herbs, Jicama, Lettuce, Melons (Mixed & Bitter), Okra, Onion, Peas (Blackeye, Snap, Snow & Sugar), Peppers (Bell, Red & Chili), Potatoes, Pumpkin (Farmers Market, Processing, Wholesale/Retail), Radish, Spinach, Squash, Tomatoes, (Fresh & Greenhouse), Tomatillo, Turnips, and other miscellaneous vegetables of a limited number of growers/processors in Sutter County.

**SEED CROPS
ACREAGE, PRODUCTION AND VALUE**

CROPS	YEAR	PRODUCTION			UNIT	VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	UNIT	
Beans, Dry	2001	1,319	930	1,226,670	Lbs	\$	0.33	\$ 404,800
	2000	1,543	1,173	1,809,939	Lbs		0.34	615,400
Cantaloupe & Honeydew	2001	56	474	26,544	Lbs		2.32	61,600
	2000	143	479	68,497	Lbs		2.40	164,400
Cucumber	2001	563	329	185,227	Lbs		5.92	1,096,500
	2000	720	288	207,360	Lbs		6.87	1,424,600
Pumpkin & Squash	2001	437	572	249,964	Lbs		3.07	767,400
	2000	479	508	243,332	Lbs		3.04	739,700
Rice	2001	5,413	7,930	42,925,090	Lbs		0.15	6,438,800
	2000	10,453	8,400	87,805,200	Lbs		0.17	14,926,900
Safflower	2001	1,734	2,465	4,274,310	Lbs		0.10	427,400
	2000	3,164	2,428	7,682,192	Lbs		0.11	845,000
Sunflower	2001	2,008	925	1,857,400	Lbs		0.57	1,058,700
	2000	1,765	1,344	2,372,160	Lbs		0.50	1,186,100
Watermelon	2001	628	292	183,376	Lbs		4.76	872,900
	2000	1,088	227	246,976	Lbs		6.29	1,553,500
Wheat	2001	747	5,418	4,047,246	Lbs		0.05	202,400
	2000	497	6,000	2,982,000	Lbs		0.05	149,100
Miscellaneous*	2001	1,502		166,726	Lbs			1,702,600
	2000	1,653		330,748	Lbs			1,831,600
TOTAL	2001	14,407						\$ 13,033,100
	2000	21,505						\$ 23,436,300

*Includes Alfalfa, Brussel Sprouts, Cabbage, Carrot, Clover, Collard, Melon, Onion, Tomato, 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	2001	217	1,660,445	Each	\$ 7,287,200
Trees & Vines	2000 *	224	1,747,000	Each	7,645,700
Ornamental Trees, Shrubs and other Nursery Stock	2001	62			2,100,200
	2000	46			1,594,400
		2001	279		\$ 9,387,400
TOTAL	2000 *	270			\$ 9,240,100

*Correction 2000

**APIARY PRODUCTS
PRODUCTION AND VALUE**

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER UNIT	TOTAL
Honey	2001	239,873	Pounds	\$ 0.69	\$ 165,500
	2000	144,000	Pounds	0.51	73,400
Beeswax	2001	3,590	Pounds	1.75	6,300
	2000	2,160	Pounds	1.00	2,200
Package Bees	2001	7,227	Pounds	6.00	43,400
	2000	6,930	Pounds	5.25	36,400
Queen Bees	2001	49,500	Each	8.00	396,000
	2000	32,400	Each	8.00	259,200
Pollination	2001	42,784	Colony	18.39	786,800
	2000	44,541	Colony	15.71	699,700
		2001			\$ 1,398,000
TOTAL	2000				\$ 1,070,900

LIVESTOCK PRODUCTS PRODUCTION AND VALUE

ITEM	YEAR	PRODUCTION		UNIT	VALUE		TOTAL
		NUMBER	TOTAL LIVEWEIGHT		PER UNIT	UNIT	
Cattle & Calves	2001	9,550	71,993	Cwt.	\$ 77.27	\$	5,562,900
	2000	9,440	69,241	Cwt.	76.23		5,278,200
Sheep & Lambs	2001	14,506	17,930	Cwt.	63.58		1,140,000
	2000	16,118	19,922	Cwt.	74.25		1,479,200
Wool	2001	89,552		Lbs.	0.10		9,000
	2000	99,504		Lbs.	0.18		17,900
Miscellaneous*	2001						3,221,200
	2000						3,138,000
Livestock By-Products	2001						5,000
	2000						5,000
TOTAL	2001					\$	9,938,100
	2000					\$	9,918,300

*Includes Angora Fur, Aquaculture, Bait Products, Chickens, Chicken Eggs, Chukar, Ducks, Geese, Goats, Milk (Market), Hogs & Pigs, 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>2000</u>		<u>2001</u>
FRUIT & NUT CROPS *	\$ 115,139,900	FRUIT & NUT CROPS	\$ 95,792,700
FIELD CROPS	153,962,700	FIELD CROPS	110,155,700
SEED CROPS	23,436,300	SEED CROPS	13,033,100
VEGETABLE CROPS	27,407,800	VEGETABLE CROPS	24,736,800
NURSERY PRODUCTS*	9,240,100	NURSERY PRODUCTS	9,387,400
APIARY PRODUCTS	1,070,900	APIARY PRODUCTS	1,398,000
LIVESTOCK PRODUCTS	9,918,300	LIVESTOCK PRODUCTS	9,938,100
TOTAL *	\$ 340,176,000		\$ 264,441,800

TEN LEADING CROPS AND VALUE**

	<u>2000</u>		<u>2001</u>
RICE	\$ 144,556,300	RICE	\$ 91,902,600
PRUNES	\$ 40,854,400	PEACHES	\$ 35,930,200
PEACHES	\$ 38,167,200	WALNUTS	\$ 28,178,100
TOMATOES	\$ 26,540,100	DRIED PLUMS (PRUNES)	\$ 21,963,300
WALNUTS	\$ 25,657,500	TOMATOES	\$ 15,694,600
NURSERY PRODUCTS*	\$ 10,137,006	NURSERY PRODUCTS	\$ 9,387,400
MELONS	\$ 9,240,100	MELONS	\$ 7,569,700
CATTLE & CALVES	\$ 6,266,700	CATTLE & CALVES	\$ 5,562,900
ALMONDS	\$ 5,565,200	ALMONDS	\$ 4,679,200
SAFFLOWER	\$ 5,278,200	ALFALFA HAY	\$ 4,598,700

*2000 Corrected Figure

**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>
1945	\$ 33,381,000	1973	\$ 159,204,000
1946	\$ 41,347,000	1974	\$ 179,719,000
1947	\$ 41,291,000	1975	\$ 187,517,000
1948	\$ 39,684,000	1976	\$ 178,554,000
1949	\$ 36,731,000	1977	\$ 200,878,000
1950	\$ 41,930,000	1978	\$ 220,502,000
1951	\$ 52,003,000	1979	\$ 258,666,900
1952	\$ 49,494,000	1980	\$ 299,014,700
1953	\$ 44,815,000	1981	\$ 316,465,900
1954	\$ 38,783,000	1982	\$ 247,784,100
1955	\$ 43,224,000	1983	\$ 205,335,300
1956	\$ 49,381,000	1984	\$ 262,285,500
1957	\$ 41,313,000	1985	\$ 255,449,600
1958	\$ 38,786,000	1986	\$ 229,364,800
1959	\$ 50,707,000	1987	\$ 216,183,600
1960	\$ 50,536,000	1988	\$ 201,345,800
1961	\$ 55,585,000	1989	\$ 243,940,200
1962	\$ 57,322,000	1990	\$ 217,400,000
1963	\$ 55,155,000	1991	\$ 268,941,900
1964	\$ 66,740,000	1992	\$ 285,622,700
1965	\$ 64,564,000	1993	\$ 292,108,300
1966	\$ 71,627,000	1994	\$ 340,171,300
1967	\$ 69,313,000	1995	\$ 330,170,500
1968	\$ 80,275,000	1996	\$ 302,706,400
1969	\$ 74,006,000	1997	\$ 277,169,700
1970	\$ 77,238,000	1998	\$ 268,323,100
1971	\$ 82,209,000	1999	\$ 347,939,000
1972	\$ 95,118,000	2000*	\$ 340,176,000
		2001	\$ 264,673,000

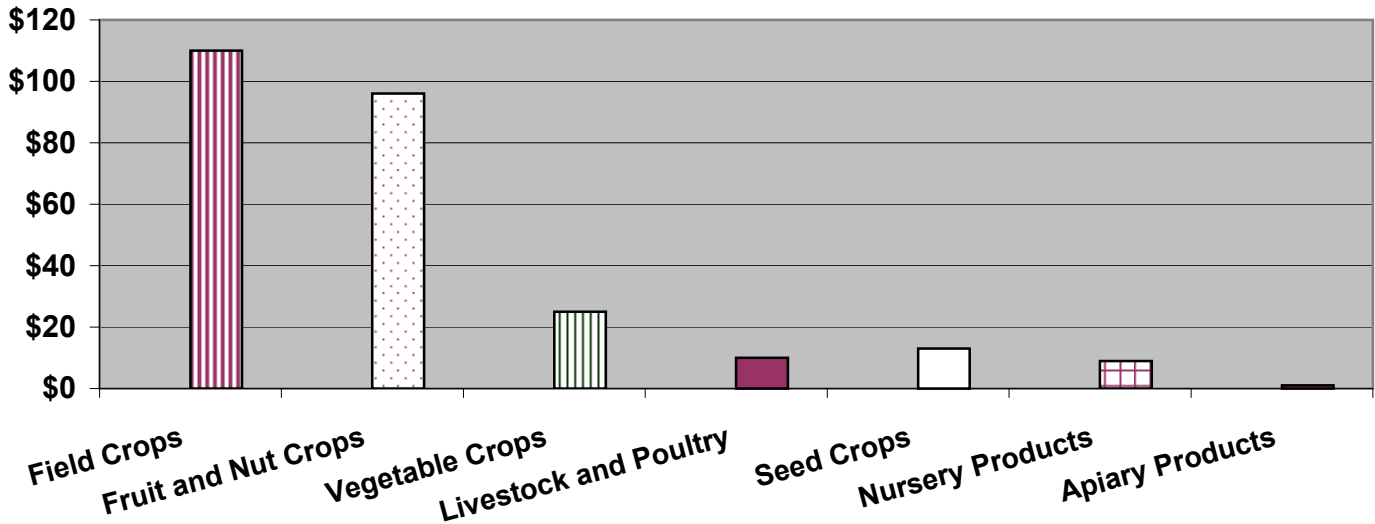
AGRICULTURAL PRODUCTION COMPARISON

COUNTY	2000 RANK	GROSS VALUE	TOTAL COUNTY ACRES	FARMLAND ACRES	PERCENT FARMLAND	AG VALUE PER COUNTY ACRES
Fresno	1	\$ 3,427,400,400 *	3,840,000	2,068,845	54%	\$ 892.55
Tulare	2	\$ 3,068,648,200 *	3,158,400	1,567,908	50%	\$ 971.58
Monterey	3	\$ 2,923,269,850 *	2,127,359	1,449,694	68%	\$ 1,374.13
Kern	4	\$ 2,208,416,900 *	5,223,000	2,831,628	54%	\$ 422.83
<i>Sutter**</i>	<i>22</i>	<i>\$ 340,176,000</i>	<i>389,440</i>	<i>343,014</i>	<i>88%</i>	<i>\$ 873.50</i>

* County Crop Report

**2000 Corrected Figure

2001 SUTTER COUNTY AGRICULTURAL PRODUCTION (VALUE IN MILLIONS OF DOLLARS)



SUTTER COUNTY EXPORTS

VEGETABLE SEEDS

Seeds include the following: Alfalfa, artichoke, asparagus, bean, beet, broccoli, cabbage, cantaloupe, carrot, cauliflower, celery, chard (swiss), clover, collard, coriander, corn, cucumber, eggplant, flower, garlic, leek, lettuce, melon, mustard, okra, onion, parsley, pea, pepper, pumpkin, radicchio, radish, spinach, squash, tomato, turnip, watermelon, and grass seed.

Argentina	Honduras	Panama
Australia	Hong Kong	Oman
Bolivia	India	Peru
Brazil	Iran	Philippines
Chile	Israel	Portugal
Colombia	Italy	Saudi Arabia
Costa Rica	Jamaica	Sri Lanka
Czech Republic	Japan	South Africa
Denmark	Kenya	Spain
Dominican Republic	Rep. of Korea	Thailand
Ecuador	Malaysia	Trinidad & Tobago
Egypt	Martinique	Turkey
France	Mauritius	United Arab Emirates
Germany	Mexico	Uruguay
Ghana	Morocco	Venezuela
Greece	Netherlands	Viet Nam
Grenada	New Zealand	Republic of Yemen
Guatemala	Nicaragua	
Haiti	Pakistan	

PADDY RICE/WILD RICE

Taiwan, Turkey

DRIED PLUMS (PRUNES)

Australia	India	Peru
Belgium	Israel	People's Rep. of China
Brazil	Italy	Poland
Costa Rica	Japan	Russian Federation
Czech Republic	Rep. of Korea	Sweden
Denmark	Latvia	Switzerland
Ecuador	Lebanon	Taiwan
Egypt	Lithuania	Thailand
Finland	Malaysia	Singapore
Great Britain	Mexico	United Arab Emirates
Greece	Netherlands	United Kingdom
Germany	New Zealand	Ukraine
Holland	Norway	Venezuela
Hong Kong	Panama	

DRIED APRICOTS

Australia, People's Republic of China, France

DRY BEANS/PEAS

Argentina	Netherlands
Australia	Pakistan
Belize	Panama
Canada	People's Rep. of China
Colombia	Saudi Arabia
India	South Africa
Italy	Taiwan
Jamaica	Trinidad & Tobago
Jordan	Uruguay
Kuwait	Venezuela
Republic of Korea	

FRESH KIWI

Republic of Korea

WALNUTS - MEATS AND IN SHELL

Italy, Spain, Venezuela

WALNUT BURLS

Italy, Spain, Switzerland

WALNUT TREES

Argentina

PEACHES

Taiwan

PEACH SEED

Australia, Canada

FRESH MELONS

Japan, Mexico

APRICOT KERNELS

Mexico, Morocco

FRESH PLUM (PRUNES)

Taiwan

STRAWBERRY PLANTS

Argentina, Canada, Cyprus, Ecuador, France, Mexico, Spain, Tunisia, Uruguay, Venezuela

**SUSTAINABLE AGRICULTURE
JANUARY - DECEMBER 2001**

ORGANIC PRODUCERS

Thirty-three (33) Organic Registered in Sutter County

BIOLOGICAL CONTROL

<u>Pest</u>	<u>Control Agent</u>	<u>Program Scope</u>
Puncture Vine	Seed & Stem Weevils	Survey
<i>Tribulus terrestris</i>	<i>Microlarinus lareynii/Microlarinus lypriformis</i>	Countywide/Survey
Yellow Starthistle (YST)	Flower & Head Weevils	Survey
<i>Centaurea solstitialis</i>	<i>Bangasternus orientalis</i>	10 sites; no releases
	<i>Larinus curtus</i>	2 sites; no releases
	YST Hairy Weevil (<i>Eustenopus villosus</i>)	11 sites; 3 releases
	YST Gall Fly (<i>Urophora sirunaseva</i>)	Countywide/Survey

PEST DETECTION

	<u>Visual Hours</u>	<u>Number of Properties</u>	<u>Number of Acres</u>
Commercial	15.5	1	160
Public Contact	103	5	3
Nursery Inspection	62.5	11	93
Certification	1,730	146	3,132
Special Survey:			
Apple Maggot	60	7	360
Rice Disease	60	19	1,536
Import Fire Ant	8	5	5
Purple Loosestrife	4	12	16
Cherry-Mediterranean Fruit Fly	8	5	33
Khapra Beetle	19	26	26
Glassy-Winged Sharpshooter	2,683	219	1,811
Plum Pox	3	2	192

EXOTIC PEST DETECTION

	<u>Traps in Operation (Seasonal High)</u>	<u>Total Number of Services</u>
Mediterranean Fruit Fly	110	945
Oriental Fruit Fly	21	209
Melon Fruit Fly	21	185
Gypsy Moth	61	355
Japanese Beetle	42	250
European Pine Shoot Moth	5	24
Khapra Beetle	171	342
Cherry-Mediterranean Fruitfly	9	36
Apple Maggot	40	360
Glassy-Winged Sharpshooter	254	3,679

PEST ERADICATION

	<u>Properties</u>
White Horsesettle	5
Purple Loosestrife	12

PEST EXCLUSION

	<u>Total Units Inspected</u>
Interstate, Intrastate	3,420

VERTEBRATE PEST CONTROL

	<u>Properties</u>	<u>Control Agents</u>	<u>Units Used/Sold</u>
Ground Squirrels, Gophers, Jackrabbits, Rats & Mice	107	Anticoagulant Bait	2,185
		Anticoagulant, Paraffin Blocks	1,108
		Zinc Phosphide Bait	1,905
Muskrats, Skunks, Opossums, Raccoons, Fox, Beavers & Coyotes	248	Strychnine (Below ground use only)	8

WEED MANAGEMENT AREA PROGRAMS (WMA)

	<u>Hours</u>	<u>Sites</u>	<u>Acreage</u>	<u>Mileage</u>
Arundo (<i>Arundo donax</i>):	1,457	4	11	354
Water Primrose (<i>Ludwigia peploides</i>):	81	9	34	182
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.):	1,702		3,408	1,837

AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS MEASURES
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ASSISTANT AGRICULTURAL COMMISSIONER
Rick Landon

ASSISTANT DIRECTOR OF WEIGHTS & MEASURES
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