



SUTTER COUNTY CROP REPORT 1996



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

May 1997

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Sealer of Weights and Measures

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To: Ann Veneman, Secretary  
California Department of Food  
and Agriculture

and The Honorable Board of Supervisors,  
County of Sutter:  
Dick Akin, Chairman, District 5  
Casey Kroon, District 1  
Dennis Nelson, District 2  
Larry Munger, District 3  
Joan Bechtel, District 4

In accordance with Section 2272 and 2279 of the California Food and Agricultural Code, I am pleased to submit the 1996 Agricultural Crop Report. Sutter County's gross agricultural production value totaled \$302,706,400, with Rice, Prunes, Tomatoes, Peaches and Walnuts continuing as the leading agricultural commodities.

In comparison to 1995, Apiary Production, Seed Crops and Livestock & Poultry realized a significant increase in value. However, overall crop production values actually decreased 8 percent due to changes in acreage, yield or value of many other crops. The most significant decline was a result of reduced rice acreage, decreased returns for peaches and prunes, lower tomato yields, and a drop in demand for nursery stock.

It must be emphasized that the dollar amounts shown in this report are averages of gross production values and do not reflect actual net income or loss to producers. For every dollar of value of an agricultural product, three and one-half dollars can be applied, thereby making the 1996 economic impact worth \$1.1 billion.

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, who compiled and contributed the information necessary for this report.

Respectfully submitted,



Mark P. Quisenberry  
Agricultural Commissioner  
Sealer of Weights and Measures

## 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 AND POULTRY PRODUCTS .....	8
SUMMARY - FARM VALUE OF AGRICULTURAL PRODUCTION .....	9
TEN LEADING CROPS AND VALUE .....	9
GROSS VALUE OF AGRICULTURAL PRODUCTION .....	10
COMPARATIVE AGRICULTURAL VALUES .....	11
EXPORT SUMMARY .....	12
SUSTAINABLE AGRICULTURE REPORT .....	13
PERSONNEL .....	BACK PAGE

## FRUIT & NUT CROPS ACREAGE, PRODUCTION & VALUE

CROPS	YEAR	PRODUCTION			UNIT	VALUE	
		BEARING ACRES	PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds, Meats	1996	3,258	0.50	1,629	Tons	\$ 4,119.30	\$ 6,710,300
	1995	3,074	0.34	1,045	Tons	4,954.02	5,177,700
Almonds, Hulls	1996			407	Tons	70.00	28,500
	1995			261	Tons	57.91	15,100
Apples	1996	712	8.45	6,016	Tons	235.00	1,413,800
	1995	551	10.15	5,593	Tons	191.44	1,070,700
Bushberries*	1996	2	0.75	2	Tons	520.00	1,000
	1995	1	1.00	1	Tons	564.00	600
Cherries	1996	34	0.72	24	Tons	2,361.95	56,700
	1995	64	0.88	56	Tons	1,719.89	96,900
Kiwifruit	1996	299	2.82	843	Tons	826.96	697,100
	1995	364	3.06	1,114	Tons	1,428.57	1,591,200
Peaches, Cling	1996	8,443	15.89	134,159	Tons	199.92	26,821,100
	1995	8,360	13.95	116,622	Tons	208.65	24,333,200
Peaches, Freestone	1996	61	6.50	397	Tons	218.14	86,600
	1995	72	6.00	432	Tons	277.50	119,900
Pears	1996	478	14.49	6,926	Tons	219.71	1,521,700
	1995	476	9.42	4,484	Tons	214.36	961,200
Persimmons	1996	144	3.04	438	Tons	471.96	206,700
	1995	154	2.79	430	Tons	491.61	211,200
Prunes, Dried	1996	25,032	2.55	63,832	Tons	829.56	52,952,500
	1995	25,125	2.49	62,561	Tons	1,007.91	63,056,100
Walnuts, English	1996	16,502	1.10	18,152	Tons	1,389.66	25,225,100
	1995	16,957	1.26	21,366	Tons	1,345.86	28,755,400
Walnuts, Black	1996	71	0.88	62	Tons	111.11	6,900
	1995	71	0.42	30	Tons	111.11	3,300
Miscellaneous Fruit & Nuts**	1996	317		661	Tons		631,900
	1995	234		694	Tons		356,300
<b>TOTAL</b>	<b>1996</b>	<b>55,353</b>				<b>\$</b>	<b>116,359,900</b>
	<b>1995</b>	<b>55,503</b>				<b>\$</b>	<b>125,748,800</b>

\*Includes Boysenberries, Blackberries and Raspberries

\*\*Includes Apricots, Chestnut, Feijoa/Guava, Figs, Grapefruit, Grapes, Jujube, Lemon, Limes, Loquat, Nectarines, Olives, Oranges (Mandarin, Naval & Valencia), Pistachios, Plums, Pomegranates, Tangerines and other miscellaneous fruit and nut crops of a limited number of growers/processors in Sutter County.

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

CROP	BEARING ACRES		NON-BEARING ACRES	
	1995	1996	1995	1996
Almonds	3,074	3,258	322	602
Apples	551	712	404	254
Apricots	6	6	0	0
Cherries	64	34	7	0
Chestnuts	6	26	20	0
Grapes	105	86	30	50
Kiwi	364	299	0	0
Nectarines	31	81	55	5
Olives	10	10	0	0
Oranges, Navel	10	5	3	4
Oranges, Valencia	2	2	0	0
Peaches, Cling	8,360	8,443	1,364	955
Peaches, Freestone	72	61	47	55
Pears	476	478	13	13
Pecans	11	11	4	4
Persimmons	154	144	11	6
Pistachios	43	40	1	1
Plums	41	37	0	0
Prunes	25,125	25,032	3,900	1,725
Strawberries	10	16	10	0
Walnuts, Black	71	71	4	8
Walnuts, English	16,957	16,502	2,383	2,170
Miscellaneous**	4	37	0	12
<b>TOTAL</b>	<b>55,547</b>	<b>55,391</b>	<b>8,578</b>	<b>5,864</b>

\*Acreage from California Crop and Livestock Reporting Service.

\*\*Includes Bushberries, Feijoa/Guava, Fig, Grapefruit, Jujube, Lemon, Lime, Loquat, Oranges (Mandarin), Pecans, Pomegranates, Tangelos and Tangerines.

**FIELD CROPS**  
**ACREAGE, PRODUCTION & VALUE**

CROPS	YEAR	PRODUCTION			VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS, DRY:							
Baby Lima	1996	4,452	0.94	4,185	Tons	\$ 827.92	\$ 3,464,800
	1995	4,411	1.12	4,940	Tons	708.07	3,498,100
Blackeye	1996	2,024	0.82	1,660	Tons	632.54	1,050,000
	1995	2,313	1.15	2,660	Tons	619.97	1,625,100
Kidney	1996	No Production					
	1995	506	0.87	440	Tons	563.44	248,000
Pink	1996	2,937	0.68	1,997	Tons	625.91	1,249,900
	1995	2,536	0.80	2,029	Tons	504.67	1,023,900
Pinto	1996	77	0.71	55	Tons	812.00	44,700
	1995	215	0.89	191	Tons	619.31	118,500
Misc. dry beans*	1996	227		121	Tons		88,400
	1995	342		250	Tons		183,700
Corn, field Grain	1996	3,500	5.06	17,710	Tons	128.18	2,270,100
	1995	2,400	3.45	8,280	Tons	118.50	981,200
Corn, field Silage	1996	122	16.07	1,961	Tons	33.87	66,400
	1995	231	20.00	4,620	Tons	34.83	160,900
Hay, Alfalfa	1996	5,972	6.20	37,026	Tons	102.63	3,800,000
	1995	5,906	5.82	34,373	Tons	104.48	3,591,300
Hay, Grain	1996	6,381	1.34	8,551	Tons	45.20	386,500
	1995	4,605	0.99	4,559	Tons	53.07	241,900
Hay, Other	1996	4,020	1.45	5,829	Tons	42.50	247,700
	1995	2,901	1.00	2,901	Tons	40.00	116,000
Oats, Grain	1996	662	1.20	794	Tons	150.00	119,100
	1995	400	2.13	852	Tons	90.83	77,400
Pasture, Irrigated	1996	21,500			Acres	110.00	2,365,000
	1995	21,500			Acres	108.00	2,322,000
Pasture, Range, Dry	1996	50,000			Acres	7.00	350,000
	1995	50,000			Acres	5.40	270,000

## FIELD CROPS continued

CROPS	YEAR	PRODUCTION			UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
Rice**	1996	93,164	3.75	349,365	Tons	195.00	68,126,200
	1995	105,482	4.05	427,202	Tons	214.20	91,506,700
Safflower	1996	15,192	1.09	16,559	Tons	353.87	5,859,700
	1995	14,768	1.20	17,722	Tons	299.69	5,311,000
Sorghum, Grain	1996	2,110	2.41	5,085	Tons	100.00	508,500
	1995	892	1.61	1,436	Tons	97.40	139,900
Sugarbeets	1996	2,596	26.00	67,496	Tons	40.55	2,737,000
	1995	4,344	23.70	102,953	Tons	37.35	3,845,300
Wheat, Grain	1996	23,003	2.10	48,306	Tons	147.46	7,123,200
	1995	16,593	1.61	26,715	Tons	122.78	3,280,000
Wild Rice	1996	2,296	0.39	895	Tons	2,123.26	1,900,300
	1995	1,804	0.69	1,245	Tons	1,031.65	1,284,200
Miscellaneous***	1996	1,242		3,217	Tons		806,600
	1995	1,342		2,499	Tons		551,500
Field Crop, By-products	1996			62,250	Tons	12.73	792,400
	1995			68,644	Tons	12.73	873,800
<b>TOTAL</b>	<b>1996</b>	<b>241,477</b>				<b>\$</b>	<b>103,356,500</b>
	<b>1995</b>	<b>243,491</b>				<b>\$</b>	<b>121,250,400</b>

\*Includes Black Turtle Beans, also includes crops of limited number of growers/processors in Sutter County.

\*\* County Farm Service Agency Target Price.

\*\*\*Includes Barley, Cotton, Popcorn, Sweet Rice, and other miscellaneous field crops of a limited number of growers/processors in Sutter County.

## VEGETABLE CROPS ACREAGE, PRODUCTION & VALUE

CROPS	YEAR	PRODUCTION			UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
Corn, Sweet	1996	50	2.00	100	Tons	\$ 352.00	\$ 35,200
	1995	21	2.00	42	Tons	374.00	15,700
Melons, Honeydew	1996	5,108	8.47	43,265	Tons	212.12	9,177,400
	1995	4,548	8.98	40,841	Tons	210.78	8,608,500
Pumpkins	1996	966	11.74	11,341	Tons	50.68	574,800
	1995	996	16.60	16,534	Tons	48.78	806,500
Squash	1996	231	5.79	1,337	Tons	334.84	447,700
	1995	230	6.89	1,585	Tons	246.59	390,800
Tomatoes, Canning	1996	23,423	31.30	733,140	Tons	53.06	38,900,400
	1995	23,188	33.65	780,276	Tons	53.62	41,838,400
Watermelons	1996	757	15.63	11,832	Tons	132.38	1,566,300
	1995	477	14.03	6,692	Tons	132.96	889,800
Miscellaneous*	1996	985		4,703	Tons		2,227,000
	1995	809		3,770	Tons		1,480,700
<b>TOTAL</b>	<b>1996</b>	<b>31,520</b>				<b>\$</b>	<b>52,928,800</b>
	<b>1995</b>	<b>30,269</b>				<b>\$</b>	<b>54,030,400</b>

\*Includes the following crops:

Artichoke, Asparagus, Beans (Bush, Favo, Garbanzo, Green, Long, String, Yellow Wax), Beets, Bok Choy, Broccoli, Cabbage, Cantaloupe, Carrots, Cauliflower, Chard, Cucumbers, Corn (Indian), Diakon, Eggplant, Gai-Lon, Garlic, Gourds, Herbs, Kale, Kohlrabi, Lettuce, Melons (Mixed), Mizuna, Mustard, Okra, Onions, Parsley, Peas (Blackeye, Snap & Snow), Peppers (Bell, Red & Chili), Potatoes, Shallots, Spinach, Strawberries, Sunchokes, Tomatillo, Tomatoes (Fresh Market), Turnips and other miscellaneous vegetables of a limited number of growers/processors in Sutter County.



## SEED CROPS ACREAGE, PRODUCTION & VALUE

CROPS	YEAR	PRODUCTION			UNIT	VALUE			
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL		
Beans, Dry	1996	1,176	991	1,165,416	Lbs.	\$	0.35	\$	407,900
	1995	753	1,244	936,732	Lbs.		0.33		309,100
Cantaloupe & Honeydew	1996	46	323	14,858	Lbs.		3.29		48,900
	1995	128	649	83,072	Lbs.		2.11		175,300
Cucumber	1996	606	159	96,354	Lbs.		6.86		661,000
	1995	305	178	54,290	Lbs.		4.52		245,400
Pumpkin & Squash	1996	464	322	149,408	Lbs.		3.94		588,700
	1995	329	572	188,188	Lbs.		2.56		481,800
Rice	1996	2,656	7,500	19,920,000	Lbs.		0.15		2,988,000
	1995	2,381	8,000	19,048,000	Lbs.		0.12		2,285,800
Safflower	1996	5,326	2,131	11,349,706	Lbs.		0.17		1,929,500
	1995	3,515	1,923	6,759,345	Lbs.		0.15		1,013,900
Sunflower	1996	528	994	524,832	Lbs.		0.59		309,700
	1995	421	991	417,211	Lbs.		0.55		229,500
Watermelon	1996	1,055	268	282,740	Lbs.		3.12		882,100
	1995	1,082	191	206,662	Lbs.		3.42		706,800
Wheat	1996	997	2,100	2,093,700	Lbs.		0.08		167,500
	1995	Miscellaneous							
Wild Rice	1996	Miscellaneous							
	1995	No Production							
Miscellaneous*	1996	2,934		398,072	Lbs.				442,500
	1995	3,718		995,494	Lbs.				372,500
<b>TOTAL</b>	<b>1996</b>	<b>15,788</b>					<b>\$</b>		<b>8,425,800</b>
	<b>1995</b>	<b>12,632</b>					<b>\$</b>		<b>5,820,100</b>

\*Includes Cabbage, Carrot, Cowpeas, Kale, Ladino Clover; Tomato, Vetch, Wild Rice, and other miscellaneous seed crops of a limited number of growers/processors in Sutter County.

**NURSERY PRODUCTS  
ACREAGE, PRODUCTION & VALUE**

NURSERY CROPS	YEAR	FIELD ACRES	QUANTITY SOLD	VALUE		TOTAL
				PER UNIT		
Fruit and Nut	1996	120	1,652,606	Each	\$	6,967,900
Trees & Vines	1995	120	2,234,012	Each		9,511,300
Ornamental Trees, Shrubs and Other Nursery Stock	1996	89				534,200
	1995	89				617,700
<b>TOTAL</b>	<b>1996</b>	<b>209</b>			<b>\$</b>	<b>7,502,100</b>
	<b>1995</b>	<b>209</b>			<b>\$</b>	<b>10,129,000</b>

**APIARY PRODUCTS  
PRODUCTION & VALUE**

ITEM	YEAR	PRODUCTION	UNIT	VALUE		TOTAL
				PER UNIT		
Honey	1996	405,350	Pounds	\$	0.90	\$ 364,800
	1995	384,400	Pounds		0.70	269,100
Beeswax	1996	5,720	Pounds		2.00	11,400
	1995	5,830	Pounds		2.10	12,200
Package Bees	1996	7,700	Pounds		8.50	65,500
	1995	6,600	Pounds		8.50	56,100
Queen Bees	1996	20,900	Each		5.50	115,000
	1995	17,500	Each		5.56	97,300
Pollination	1996	30,205	Colony		19.54	590,200
	1995	25,149	Colony		16.22	407,900
<b>TOTAL</b>	<b>1996</b>				<b>\$</b>	<b>1,146,900</b>
	<b>1995</b>				<b>\$</b>	<b>842,600</b>

## LIVESTOCK AND POULTRY PRODUCTS PRODUCTION & VALUE

ITEM	YEAR	PRODUCTION		UNIT	VALUE PER UNIT	TOTAL
		NUMBER OF HEAD	TOTAL LIVEWEIGHT			
Cattle & Calves	1996	17,083	148,851	Cwt	\$ 54.40	\$ 8,097,500
	1995	16,316	141,669	Cwt.	55.57	7,872,500
Sheep & Lambs	1996	13,632	16,849	Cwt	55.46	934,400
	1995	14,200	17,552	Cwt.	49.26	864,600
Hogs & Pigs	1996	2,240	5,394	Cwt	52.00	280,500
	1995	1,388	3,209	Cwt.	40.00	128,400
Rabbits, all	1996	11,220	53,850	Lbs	0.68	36,600
	1995	7,680	37,500	Lbs.	0.64	24,000
Chickens, all	1996	4,950	5,049	Lbs.	0.40	2,000
	1995	6,600	6,709	Lbs.	0.33	2,200
Wool	1996	63,117		Lbs.	0.65	41,000
	1995	65,748		Lbs.	0.46	30,200
Eggs, Chicken	1996	2,110		Doz.	0.65	1,400
	1995	2,813		Doz.	0.53	1,500
Miscellaneous	* 1996					3,593,000
	** 1995					3,425,800
<b>TOTAL</b>	<b>1996</b>				<b>\$</b>	<b>12,986,400</b>
	<b>** 1995</b>				<b>\$</b>	<b>12,349,200</b>

\*Includes Angora Fur, Aquaculture, Bait Products, Ducks, Geese, Goats, Milk (Market)\*\*, Milk (Manufacturers) \*\*, Chakar, Quail, Quail Eggs, Pheasants, Pigeons, Rabbit Hides, Turkeys and other miscellaneous livestock and poultry of a limited number of growers/processors in Sutter County.

\*\*Correction for 1995 Season

**SUMMARY  
FARM VALUE OF AGRICULTURAL PRODUCTION**

	<u>1995</u>		<u>1996</u>
FRUIT & NUT CROPS	\$125,748,800	FRUIT & NUT CROPS	\$116,359,900
FIELD CROPS	121,250,400	FIELD CROPS	103,356,500
SEED CROPS	5,820,100	SEED CROPS	8,425,800
VEGETABLE CROPS	54,030,400	VEGETABLE CROPS	52,928,800
NURSERY PRODUCTS	10,129,000	NURSERY PRODUCTS	7,502,100
APIARY PRODUCTS	842,600	APIARY PRODUCTS	1,146,900
LIVESTOCK & POULTRY PRODUCTS**	12,349,200	LIVESTOCK & POULTRY PRODUCTS	12,986,400
<b>TOTAL**</b>	<b>\$330,170,500</b>	<b>TOTAL</b>	<b>\$302,706,400</b>

**TEN LEADING CROPS AND VALUE \***

	<u>1995</u>		<u>1996</u>
RICE	\$94,185,300	RICE	\$71,114,200
PRUNES	\$63,056,100	PRUNES	\$52,952,500
TOMATOES	\$41,978,900	TOMATOES	\$39,020,800
WALNUTS	\$28,758,900	PEACHES	\$26,907,700
PEACHES	\$24,453,100	WALNUTS	\$25,232,000
MELONS	\$10,452,600	MELONS	\$12,201,600
NURSERY PRODUCTS	\$10,129,000	CATTLE & CALVES	\$8,097,500
CATTLE & CALVES	\$7,872,500	SAFFLOWER	\$7,789,200
BEANS, DRY	\$7,006,400	NURSERY PRODUCTS	\$7,502,100
SAFFLOWER	\$6,324,900	WHEAT	\$7,290,700

\*Includes Seed & Miscellaneous-Rice does not include Wild Rice

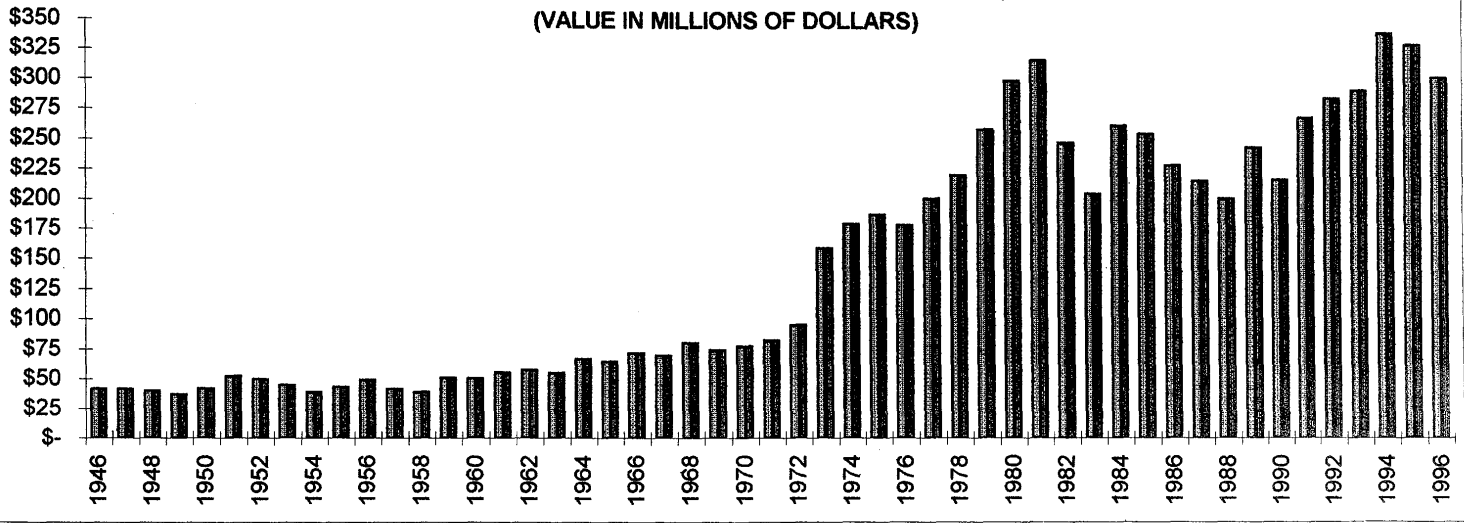
\*\*Correction for 1995 Season

**GROSS VALUE  
OF  
AGRICULTURAL PRODUCTION**

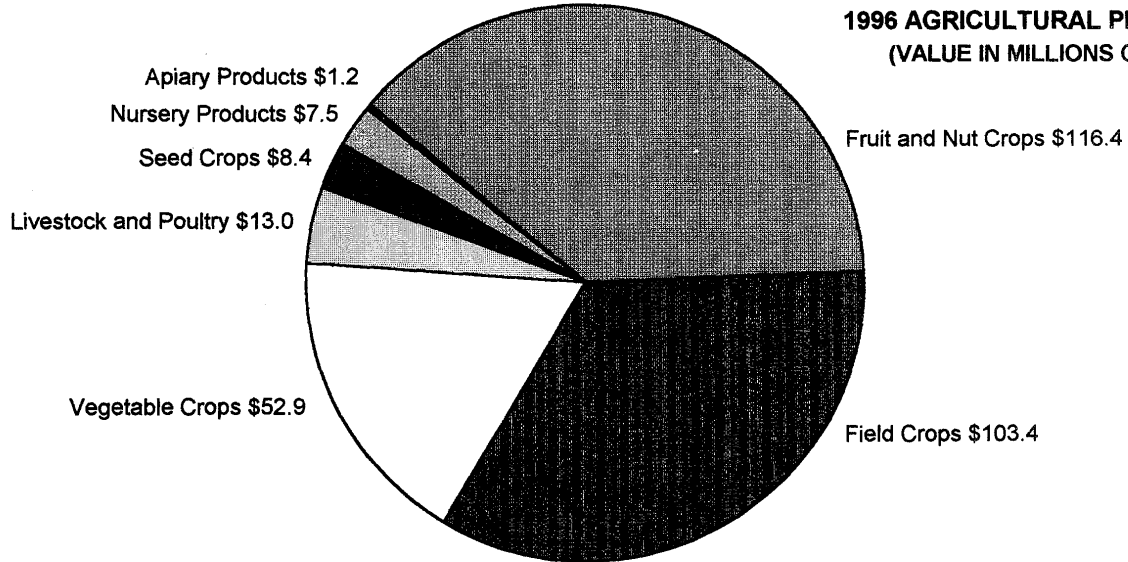
<u>YEAR</u>	<u>VALUE</u>	<u>YEAR</u>	<u>VALUE</u>
1945	\$33,381,000	1971	\$82,209,000
1946	\$41,347,000	1972	\$95,118,000
1947	\$41,291,000	1973	\$159,204,000
1948	\$39,684,000	1974	\$179,719,000
1949	\$36,731,000	1975	\$187,517,000
1950	\$41,930,000	1976	\$178,554,000
1951	\$52,003,000	1977	\$200,878,000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

\* Correction for 1995 Season

**SUTTER COUNTY HISTORICAL GROSS VALUES  
(VALUE IN MILLIONS OF DOLLARS)**



**1996 AGRICULTURAL PRODUCTION  
(VALUE IN MILLIONS OF DOLLARS)**



# 1996 SUTTER COUNTY EXPORTS

## SEEDS

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

Costa Rica	Syria	Jordan
Uruguay	People's Republic of China	Chile
Mauritius	Trinidad & Tobago	India
Guyana	Greece	Honduras
Spain	Philippines	Thailand
Martinique	Netherlands	Peru
Colombia	Saudi Arabia	Argentina
Sri Lanka	Venezuela	France
Portugal	Guatemala	Lebanon
Japan	Dominican Republic	Hong Kong
Brazil	United Arab Emirates	Pakistan
South Africa	Mexico	Turkey
Italy	Ecuador	Jamaica
Paraguay	Australia	Morocco

## RICE/WILD RICE

France	Germany	Switzerland
Mexico	United Kingdom	Republic of Korea

## DRIED PRUNES

Sweden	Barbados	Singapore
Germany	Switzerland	Greece
Canada	Colombia	France
Israel	Italy	Norway
Venezuela	United Arab Emirates	Denmark
Brazil	United Kingdom	Jamaica
Egypt	French Polynesia	Latvia
Taiwan	Spain	Finland
Poland	Mexico	Japan

## CHERRIES

Japan

## FRESH FRUITS

Taiwan

## BEANS/PEAS/POPCORN

Martinique	French Guiana	Portugal
Costa Rica	United Arab Emirates	Saudi Arabia
Panama	Trinidad & Tobago	New Zealand
Guadeloupe	Italy	Jamaica
New Caledonia	French Polynesia	Australia
Venezuela	Antigua/Barbuda	Hong Kong
Colombia	Bahrain	Cypress
South Africa	Barbados	Philippines
Kuwait		

## GARLIC

Mexico

## KIWI

Republic of Korea	Mexico
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## WALNUTS

Malta	Cypress	Spain
Brazil	Canada	Italy

## SQUASH

Japan

## MELONS

Japan	Mexico	Taiwan
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## STRAWBERRY PLANTS

Mexico	Lebanon
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## ASPARAGUS

Japan

# SUSTAINABLE AGRICULTURE

## JANUARY - DECEMBER 1996

### ORGANIC PRODUCERS

Ten (10) Organic Producers Registered in Sutter County

### BIOLOGICAL CONTROL

<u>Pest</u>	<u>Control Agent</u>	<u>Program Scope</u>
Puncture Vine <i>Trebulus terrestris</i>	Seed & Stem Weevils <i>Microlarinus lareynii</i> <i>Microlarinus lypriformis</i>	No releases due to low population levels
Yellow Starthistle (YST) <i>Centaurea solstitialis</i>	Flower Head Weevils <i>Bangastermus orientalis</i> <i>Larinus curtus</i>	3 sites; no releases
	YST Hairy Weevil <i>Eustenopus villosus</i>	6 sites; 6 releases
	YST Gall Fly <i>Urophora sirunaseva</i>	2 sites; no releases
Whitefly (all species)	<i>Encarsia spp.</i>	6 sites; 20 releases

### PEST DETECTION

	<u>Visual Hours</u>	<u>Number of Properties</u>	<u>Number of Acres</u>
Commercial Crops	70	35	35
Public Contact	118		
Special Surveys:			
Apple Maggot	94	14	463
Cherry Fruit Fly	9	1	25
Jointedvetch	3	2	2

### EXOTIC PEST DETECTION

	<u>Traps in Operation (Seasonal High)</u>	<u>Total Number of Services</u>
Mediterranean Fruit Fly	110	1,705
Oriental Fruit Fly	21	325
Melon Fruit Fly	21	202
Gypsy Moth	62	491
Japanese Beetle	41	256
Khapra Beetle	168	168
European Pine Shoot Moth	5	38

### PEST ERADICATION

	<u>Properties</u>
White Horsenettle	4
Purple Starthistle	3
Artichoke Thistle	9
Hydrilla	Eradicated
Scotch Thistle	Eradicated
Diffuse Knapweed	Eradicated
Barb Goatgrass	Eradicated

### PEST EXCLUSION

	<u>Total Units Profiled</u>	<u>Total Units Inspected</u>
Interstate, Intrastate, & Foreign Shipments	6,396	6,393

### VERTEBRATE PEST CONTROL

	<u>Properties</u>	<u>Control Agents</u>	<u>Units Used/Sold</u>
Ground Squirrels, Gophers, Jackrabbits, Rats, Mice, & Muskrats	573	Anticoagulant Bait Anticoagulant, Paraffin Blocks Zinc Phosphide Bait Maki	2,266 lbs. 1,113 lbs. 2,888 lbs. 74 Pkgs.
Muskrats, Skunks, Opossums, Raccoons, Fox Beavers, Rabbits, & Coyotes	275	Live Trapping and Other Methods	



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