

1995

**COUNTY OF
SUTTER**

ANNUAL CROP

REPORT

Sutter County
Agricultural Commissioner
142 Garden Highway
Yuba City, CA 95991



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

MARK P. QUISENBERRY
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May 1996

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

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

In accordance with Section 2272 and 2279 of the California Food and Agricultural Code, I am pleased to submit the 1995 Agricultural Crop Report. Sutter County's gross agricultural production values totaled \$328,925,400, with Rice, Prunes, Tomatoes, Walnuts and Peaches continuing as the leading agricultural commodities.

Although substantial crop losses resulted from adverse weather conditions early in the spring, decreased production was offset partially by higher returns. The overall result was a 3 percent decrease in crop production values when compared to 1994. Decreased yields were evident in Almonds (-52%), Apples (-49%), Kiwifruit (-40%), Wheat (-34%) and Cling Peaches (-30%), but increased values were also apparent in Almonds (+98%), Apiary Products (+59%), English Walnuts (+27%) and Kiwifruit (+23%).

It must be emphasized that the values 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 1995 economic impact worth \$1,151,238,900.

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, whose cooperation made this report possible.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Mark P. Quisenberry".

Mark P. Quisenberry
Agricultural Commissioner
Sealer of Weights and Measures

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FRUIT & NUT CROPS ACREAGE, PRODUCTION & VALUE

CROPS	YEAR	PRODUCTION			UNIT	VALUE	
		BEARING ACRES	PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds,	1995	3,074	0.34	1,045	Tons	\$ 4954.02	\$ 5,177,700
Meats	1994	3,687	0.71	2,618	Tons	2,498.03	6,539,800
Almonds,	1995			261	Tons	57.91	15,100
Hulls	1994			655	Tons	57.50	37,700
Apples	1995	551	10.15	5,593	Tons	191.44	1,070,700
	1994	577	19.75	11,396	Tons	218.67	2,492,000
Bushberries*	1995	1	1.00	1	Tons	564.00	600
	1994	1	1.00	1	Tons	674.00	700
Cherries	1995	64	0.88	56	Tons	1,719.89	96,900
	1994	64	1.21	77	Tons	1,917.02	147,600
Kiwifruit	1995	364	3.06	1,114	Tons	1,428.57	1,591,200
	1994	365	5.10	1,862	Tons	1,157.14	2,154,600
Peaches,	1995	8,360	13.95	116,622	Tons	208.65	24,333,200
Cling***	1994	8,179	19.88	162,599	Tons	182.58	29,687,300
Peaches,	1995	72	6.00	432	Tons	277.50	119,900
Freestone	1994	73	8.71	636	Tons	266.95	169,800
Pears	1995	476	9.42	4,484	Tons	214.36	961,200
	1994	548	17.11	9,376	Tons	203.01	1,903,400
Persimmons	1995	154	2.79	430	Tons	491.61	211,200
	1994	177	1.95	345	Tons	519.15	179,100
Plums	1995	Miscellaneous					
	1994	46	3.22	148	Tons	464.74	68,800
Prunes,	1995	25,125	2.49	62,561	Tons	1,007.91	63,056,100
Dried	1994	26,146	2.15	56,214	Tons	1,035.76	58,224,200
Walnuts,	1995	16,957	1.26	21,366	Tons	1,345.86	28,755,400
English	1994	17,211	1.40	24,095	Tons	1,063.13	25,616,100
Walnuts,	1995	71	0.42	30	Tons	111.11	3,300
Black	1994	71	1.61	114	Tons	111.11	12,700
Misc. Fruit	1995	234		694	Tons		356,300
& Nuts**	1994	198		557	Tons		234,500
TOTAL	1995	55,503				\$	125,748,800
	1994	57,343				\$	127,468,300

*Includes Boysenberries, Blackberries and Raspberries

**Includes Apricots, Feijoa, Guava, Figs, Grapefruit, Grapes, Lemon, Mandarin Oranges, Nectarines, Oranges, Pecan, Pistachios, Plums, Tangelos, and Tangerines, and other miscellaneous fruit & nut crops of a limited number of growers/processors in Sutter County.

***Acreage from Cling Peach Advisory Board.

FIELD CROPS
ACREAGE, PRODUCTION & VALUE

CROPS	YEAR	PRODUCTION			VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS, DRY:							
Baby Lima	1995	4,411	1.12	4,940	Tons	\$ 708.07	\$ 3,498,100
	1994	5,529	1.13	6,248	Tons	611.51	3,820,700
Blackeye	1995	2,313	1.15	2,660	Tons	610.97	1,625,100
	1994	880	1.06	933	Tons	700.00	653,100
Kidney	1995	506	0.87	440	Tons	563.44	248,000
	1994	1,243	0.90	1,119	Tons	596.76	667,800
Pink	1995	2,536	0.80	2,029	Tons	504.67	1,023,900
	1994	3,561	0.83	2,956	Tons	514.06	1,519,600
Pinto	1995	215	0.89	191	Tons	619.31	118,500
	1994	67	1.00	67	Tons	600.00	40,200
Misc. dry beans*	1995	342		250	Tons		183,700
	1994	967		532	Tons		331,900
Corn, field Grain	1995	2,400	3.45	8,280	Tons	118.50	981,200
	1994	2,900	5.43	15,747	Tons	98.01	1,543,400
Corn, field Silage	1995	231	20.00	4,620	Tons	34.83	160,900
	1994	289	20.00	5,780	Tons	32.84	189,800
Hay, Alfalfa****	1995	5,906	5.82	34,373	Tons	104.48	3,591,300
	1994	6,242	6.48	40,448	Tons	97.57	3,946,500
Hay, Grain	1995	4,605	0.99	4,559	Tons	53.07	241,900
	1994	4,416	1.40	6,182	Tons	32.16	198,800
Hay, Other	1995	2,901	1.00	2,901	Tons	40.00	116,000
	1994	2,782	1.00	2,782	Tons	25.00	69,600
Oats, Grain	1995	400	2.13	852	Tons	90.83	77,400
	1994	956	2.78	2,658	Tons	85.83	228,100
Pasture, Irrigated	1995	21,500			Acres	108.00	2,322,000
	1994	21,500			Acres	120.00	2,580,000
Pasture, Range, Dry	1995	50,000			Acres	5.40	270,000
	1994	50,000			Acres	6.00	300,000

FIELD CROPS continued

CROPS	YEAR	PRODUCTION			UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
Rice**	1995	105,482	4.05	427,202	Tons	214.20	91,506,700
	1994	102,589	4.45	456,521	Tons	216.60	98,882,400
Safflower	1995	14,768	1.20	17,722	Tons	299.69	5,311,000
	1994	7,572	1.42	10,752	Tons	299.28	3,217,900
Sorghum, Grain	1995	892	1.61	1,436	Tons	97.40	139,900
	1994	645	2.64	1,703	Tons	95.63	162,900
Sugarbeets	1995	4,344	23.70	102,953	Tons	37.35	3,845,300
	1994	3,849	21.60	83,138	Tons	35.24	2,929,800
Wheat, Grain	1995	16,593	1.61	26,715	Tons	122.78	3,280,000
	1994	21,508	2.92	62,803	Tons	110.84	6,961,100
Wild Rice	1995	1,804	0.69	1,245	Tons	1,031.65	1,284,200
	1994	1,126	0.56	631	Tons	2,774.88	1,750,900
Miscellaneous***	1995	1,342		2,499	Tons		551,500
	1994	2,891		11,281	Tons		2,246,300
Field Crop, By-products	1995			68,644	Tons	12.73	873,800
	1994			79,703	Tons	12.73	1,014,600
TOTAL	1995	243,491				\$	121,250,400
	1994	****	246,629			\$	133,255,400

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

** CFSA Target Price.

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

**** Correction for 1994 Season.

SEED CROPS ACREAGE, PRODUCTION & VALUE

CROPS	YEAR	PRODUCTION			UNIT	VALUE			
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL		
Beans, Dry	1995	753	1,244	936,732	Lbs.	\$	0.33	\$	309,100
	1994	1,172	1,355	1,588,060	Lbs.		0.30		476,400
Cantaloupe & Honeydew	1995	128	649	83,072	Lbs.		2.11		175,300
	1994	177	935	165,495	Lbs.		2.07		342,600
Cucumber	1995	305	178	54,290	Lbs.		4.52		245,400
	1994	221	213	47,073	Lbs.		3.17		149,200
Pumpkin & Squash	1995	329	572	188,188	Lbs.		2.56		481,800
	1994	554	679	376,166	Lbs.		2.41		906,600
Rice	1995	2,381	8,000	19,048,000	Lbs.		0.12		2,285,800
	1994	2,562	8,000	20,496,000	Lbs.		0.12		2,459,500
Safflower	1995	3,515	1,923	6,759,345	Lbs.		0.15		1,013,900
	1994	5,171	2,463	12,736,173	Lbs.		0.15		1,910,400
Sunflower	1995	421	991	417,211	Lbs.		0.55		229,500
	1994	867	973	843,591	Lbs.		0.52		438,700
Watermelon	1995	1,082	191	206,662	Lbs.		3.42		706,800
	1994	1,207	491	592,637	Lbs.		2.17		1,286,000
Wheat	1995	Miscellaneous							
	1994	492	2,950	1,451,400	Lbs.		0.15		217,700
Wild Rice	1995	None Harvested							
	1994	1	1,000	1,000	Lbs.		1.00		1,000
Miscellaneous*	1995	3,718		995,494	Lbs.				372,500
	1994	2,412		484,994	Lbs.				189,600
TOTAL	1995	12,632						\$	5,820,100
	1994	14,836						\$	8,377,700

*Includes Clover, Sudan, Tomato, Vetch, Wheat, and other miscellaneous seed crops of a limited number of growers/processors in Sutter County.

VEGETABLE CROPS ACREAGE, PRODUCTION & VALUE

CROPS	YEAR	PRODUCTION			VALUE		TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	
Corn, Sweet	1995	21	2.00	42	Tons	\$ 374.00	\$ 15,700
	1994	30	2.00	60	Tons	368.00	22,100
Melons, Honeydew	1995	4,548	8.98	40,841	Tons	210.78	8,608,500
	1994	5,230	8.06	42,154	Tons	225.08	9,488,000
Melons, Mixed	1995	Miscellaneous					
	1994	492	6.94	3,414	Tons	273.74	934,500
Pumpkins	1995	996	16.60	16,534	Tons	48.78	806,500
	1994	863	27.66	23,871	Tons	29.76	710,400
Squash	1995	230	6.89	1,585	Tons	246.59	390,800
	1994	256	8.83	2,260	Tons	161.56	365,100
Tomatoes, Canning	1995	23,188	33.65	780,276	Tons	53.62	41,838,400
	1994	21,225	32.57	691,298	Tons	51.36	35,505,100
Tomatoes, Fresh	1995	Miscellaneous					
	1994	114	21.51	2,452	Tons	233.00	571,300
Watermelons	1995	477	14.03	6,692	Tons	132.96	889,800
	1994	1,020	19.56	19,951	Tons	93.84	1,872,200
Miscellaneous*	1995	809		3,770	Tons		1,480,700
	1994	402		907	Tons		969,600
TOTAL	1995	30,269				\$	54,030,400
	1994	29,632				\$	50,438,300

*Includes the following crops:

Asparagus, Artichoke, Blackeye Peas, Bok Choy, Broccoli, Bush Beans, Cantaloupe, Carrots, Cauliflower, Cucumbers, Diakon, Eggplant, Favo Beans, Fresh Tomatoes, Garlic, Garbonzo Beans, Green Beans, Gourds, Herbs, Jicama, Kale, Kohlrabi, Lettuce, Long Beans, Mix Melons, Okra, Peppers (Bell & Chili), Onions, Potato, Raddicio, Red Beets, Spinach, Strawberries, String Beans, Sunchokes, Table Beets, Tomatillos, Turnips, Yellow Wax Beans, and other miscellaneous vegetables 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	1995	120	2,234,012	Each	\$	9,511,300
Trees & Vines	1994	120	2,250,711	Each		8,788,700
Ornamental Trees, Shrubs and Other Nursery Stock	1995	89				617,700
	1994	89				327,700
TOTAL	1995	209			\$	10,129,000
	1994	209			\$	9,116,400

**APIARY PRODUCTS
PRODUCTION & VALUE**

ITEM	YEAR	PRODUCTION	UNIT	VALUE		TOTAL
				PER UNIT		
Honey	1995	384,400	Pounds	0.70	\$	269,100
	1994	209,000	Pounds	0.46		96,100
Beeswax	1995	5,830	Pounds	2.10		12,200
	1994	2,850	Pounds	1.43		4,100
Package Bees	1995	6,600	Pounds	8.50		56,100
	1994	5,500	Pounds	8.50		46,800
Queen Bees	1995	17,500	Each	5.56		97,300
	1994	16,875	Each	5.44		91,800
Pollination	1995	25,149	Colony	16.22		407,900
	1994	20,723	Colony	14.09		292,000
TOTAL	1995				\$	842,600
	1994				\$	530,800

LIVESTOCK AND POULTRY PRODUCTS PRODUCTION & VALUE

ITEM	YEAR	PRODUCTION		UNIT	VALUE PER UNIT	TOTAL
		NUMBER OF HEAD	TOTAL LIVEWEIGHT			
Cattle & Calves	1995	16,316	141,669	Cwt.	\$ 55.57	\$ 7,872,500
	1994	15,897	138,194	Cwt.	62.60	8,650,900
Sheep & Lambs	1995	14,200	17,552	Cwt.	49.26	864,600
	1994	14,200	17,552	Cwt.	44.87	787,600
Hogs & Pigs	1995	1,388	3,209	Cwt.	40.00	128,400
	1994	1,850	4,279	Cwt.	30.50	130,500
Rabbits, all	1995	7,680	37,500	Lbs.	0.64	24,000
	1994	6,600	23,125	Lbs.	0.55	12,700
Chickens, all	1995	6,600	6,709	Lbs.	0.33	2,200
	1994	4,000	4,066	Lbs.	0.31	1,300
Wool	1995	65,748		Lbs.	0.46	30,200
	1994	65,748		Lbs.	0.69	45,400
Eggs, Chicken	1995	2,813		Doz.	0.53	1,500
	1994	3,750		Doz.	0.44	1,700
Miscellaneous *	1995					2,180,700
	** 1994					1,354,300
TOTAL	1995				\$	11,104,100
	1994	**			\$	10,984,400

*Includes Angora Fur, Aquaculture, Bait Products, Ducks, Geese, Goats, Milk (Marketing)**,
Quail and 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 1994 Season

**SUMMARY
FARM VALUE OF AGRICULTURAL PRODUCTION**

	<u>1994</u>		<u>1995</u>
FRUIT & NUT CROPS	\$127,468,300	FRUIT & NUT CROPS	\$125,748,800
FIELD CROPS***	\$133,255,400	FIELD CROPS	\$121,250,400
SEED CROPS	\$8,377,700	SEED CROPS	\$5,820,100
VEGETABLE CROPS	\$50,438,300	VEGETABLE CROPS	\$54,030,400
NURSERY CROPS	\$9,116,400	NURSERY CROPS	\$10,129,000
APIARY PRODUCTS	\$530,800	APIARY PRODUCTS	\$842,600
LIVESTOCK POULTRY & PRODUCTS***	\$10,984,400	LIVESTOCK POULTRY & PRODUCTS	\$11,104,100
TOTAL	\$340,171,300 ***		\$328,925,400

TEN LEADING CROPS AND VALUE

	<u>1994</u>		<u>1995</u>
RICE, all**	\$103,435,500	RICE, all **	\$94,185,300
PRUNES, all	\$58,224,200	PRUNES, all	\$63,056,100
TOMATOES, all**	\$36,138,900	TOMATOES, all **	\$41,978,900
PEACHES, all*	\$29,857,100	WALNUTS, all	\$28,758,900
WALNUTS, all	\$25,628,800	PEACHES, all *	\$24,453,100
MELONS, all**	\$13,581,200	MELONS, all **	\$10,452,600
NURSERY PRODUCTS, all	\$9,116,400	NURSERY PRODUCTS, all	\$10,129,000
CATTLE & CALVES	\$8,650,900	CATTLE & CALVES	\$7,872,500
BEANS, DRY, all**	\$7,513,400	BEANS, DRY, all**	\$7,006,400
ALMONDS, all***	\$6,978,200	SAFFLOWER, all **	\$6,324,900

*Acreage from Cling Peach Advisory Board

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

***Correction for 1994 Season

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

CROP	BEARING ACRES		NON-BEARING ACRES	
	1994	1995	1994	1995
Almonds	3,687	3,074	190	322
Apples	577	551	359	404
Apricots	9	6	0	0
Cherries	64	64	0	7
Chestnuts	6	6	20	20
Grapes	104	105	0	30
Kiwi	365	364	0	0
Nectarines	28	31	0	55
Olives	10	10	0	0
Oranges, Navel	10	10	0	3
Oranges, Valencia	2	2	0	0
Peaches, Cling**	8,179	8,360	1,952	1,364
Peaches, Freestone	73	72	6	47
Pears	548	476	6	13
Pecans	2	11	11	4
Persimmons	177	154	10	11
Pistachios	41	43	3	1
Plums	46	41	1	0
Prunes	26,146	25,125	1,622	3,900
Strawberries	6	10	6	10
Walnuts, Black	71	71	15	4
Walnuts, English	17,211	16,957	1,320	2,383
Miscellaneous***	13	4	0	0
TOTAL	57,375	55,547	5,521	8,578

*Acreage from California Crop and Livestock Reporting Service.

**Acreage from Cling Peach Advisory Board.

***Includes Bushberries, Feijoa, Fig, Grapefruit, Guava, Jujube, Lemon, Mandarin Oranges, Pomegranates, Tangelos, and Tangerines.

**GROSS VALUE
OF
AGRICULTURAL PRODUCTION**

<u>YEAR</u>	<u>VALUE</u>	<u>YEAR</u>	<u>VALUE</u>
1945	\$33,381,000	1970	\$77,238,000
1946	\$41,347,000	1971	\$82,209,000
1947	\$41,291,000	1972	\$95,118,000
1948	\$39,684,000	1973	\$159,204,000
1949	\$36,731,000	1974	\$179,719,000
1950	\$41,930,000	1975	\$187,517,000
1951	\$52,003,000	1976	\$178,554,000
1952	\$49,494,000	1977	\$200,878,000
1953	\$44,815,000	1978	\$220,502,000
1954	\$38,783,000	1979	\$258,666,900
1955	\$43,224,000	1980	\$299,014,700
1956	\$49,381,000	1981	\$316,465,900
1957	\$41,313,000	1982	\$247,784,100
1958	\$38,786,000	1983	\$205,335,300
1959	\$50,707,000	1984	\$262,285,500
1960	\$50,536,000	1985	\$255,449,600
1961	\$55,585,000	1986	\$229,364,800
1962	\$57,322,000	1987	\$216,183,600
1963	\$55,155,000	1988	\$201,345,800
1964	\$66,740,000	1989	\$243,940,200
1965	\$64,564,000	1990	\$217,400,000
1966	\$71,627,000	1991	\$268,941,900
1967	\$69,313,000	1992	\$285,622,700
1968	\$80,275,000	1993	\$292,108,300
1969	\$74,006,000	1994*	\$340,171,300
		1995	\$328,925,400

* Correction for 1994 Season

**SUSTAINABLE AGRICULTURE
JANUARY - DECEMBER 1995**

ORGANIC PRODUCERS

Twelve (12) Organic Producers Registered in Sutter County

BIOLOGICAL CONTROL

<u>PEST</u>	<u>CONTROL AGENT</u>	<u>PROGRAM SCOPE</u>
Puncture Vine <i>Tribulus terrestris</i>	Seed & Stem Weevils <i>Microlarinus lareynii</i> <i>Microlarinus Lypriformis</i>	County-Wide Distribution
Codling Moth <i>Cydia pomonella</i>	<i>Trichogramma platani</i>	10 Acres
Yellow Starthistle (YST) <i>Centaurea solstitialis</i>	Flower Head Weevil <i>Bangasternus orientalis</i> <i>Larinus curtus</i> YST Hairy Weevil <i>Eustenopus villosus</i> YST Gall Fly <i>Urophora sirunaseva</i>	2 sites 1 site 4 sites 2 sites
Community whitefly survey	<i>Encarsia spp.</i>	24 sites

PEST DETECTION

	<u>Visual Hours</u>	<u>Number of Properties</u>	<u>Number of Acres</u>
Commercial Crops	8	8	160
Public Contact	95	95	95
Special Surveys:			
Ash Whitefly	9	3	3
Apple Maggot	94	14	401
Silverleaf Whitefly	65	24	48
Karnal Bunt	9	1	2

PEST DETECTION

(EXOTIC PESTS)

	<u>Traps in Operation (Seasonal High)</u>	<u>Total Number of Servicings</u>
Mediterranean Fruit Fly	110	289
Oriental Fruit Fly	21	49
Melon Fruit Fly	21	47
Gypsy Moth	61	141
Japanese Beetle	45	94
Khapra Beetle	168	168
European Pine Shoot Moth	5	12

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

Incoming Plant Shipments Interstate, Intrastate, and Foreign	<u>Total Units Profiled</u>	<u>Total Units Inspected</u>
	5,718	5,718

VERTEBRATE PEST CONTROL

<u>Properties</u>	<u>Control Agents & Amount Used/Sold</u>	
Ground Squirrels, Gophers, Jackrabbits, Rats, Mice, & Muskrats	573	Anticoagulant Bait (1,829 lbs.) Anticoagulant. Paraffin Blocks (2,300 lbs.) Zinc Phosphide Bait (2,519 lbs.) Maki (228 pkgs.)
Muskrats, Skunks, Opossums, Raccoons, Fox, Beavers, Rabbits, & Coyotes	267	Live Trapping and Other Methods

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