



SUTTER COUNTY CROP REPORT 1994

WALNUTS

The cover depicts a mature orchard of *English Walnuts*. The photo shows the massive trunks of the rootstock of California Black Walnut onto which the varietal top stock is grafted. The term English Walnut although most commonly used is a misnomer as the English Walnut originates from Persia. The earliest introduction of the English Walnut to California was in 1770, however the early development of the industry in Northern California did not begin until 1871. It was then that Felix Gillet introduced the famous 'Mayette', and 'Franquette' varieties.

Walnuts are deep rooted trees requiring well drained soils. In Sutter County most walnut orchards are found along the Sacramento River, Feather River, and Bear River.

Virtually all walnuts produced commercially in the United States come from California. Sutter County is among the leading walnut producing counties in California.

PHOTO CREDIT

The cover photograph "Silver & Gold" © 1995, by Gordon Cinnamond was taken from the levee of the Sacramento River just north of the Sutter County Community of Meridian. Mr. Cinnamond along with his wife Lois are owners of *Expanding Horizons*. Gordon is well known for his photography of the local scene as well as special events such as the Prune Festival, the Bok Kai Festival, and Beckworth Pioneer Days.



OFFICE OF THE
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

STACY K. CARLSEN
Agricultural Commissioner
Dir. Weights & Measures

April 4, 1995

Henry Voss, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors, County of Sutter

I am pleased to submit the 1994 Agricultural Crop Report, in compliance with Section 2279 of the California Food and Agriculture Code, revealing the acreage, production and value of agricultural crops and products of Sutter County.

The gross valuation of all agricultural products totaled \$343,203,000, a 14.8% increase from the 1993 total of \$292,108,300 and a record gross value for Agricultural Production in Sutter County.

Field Crops lead all commodity categories with a production value totaling \$136,287,100. Fruit & Nut Crops experienced an overall increase in value in 1994, lead by the recovery of prunes over the 1993 crop. Almonds and Walnuts each declined compared to the 1993 reported values.

Rice continues to be the leading field crop and leads all individual crops both in acreage planted (105,151) and in value at \$103,435,500. No significant changes were noted for 1994 Seed Crops. In the Vegetable Crops category Honeydew Melons and Processing Tomatoes led the way to a 21.5% increase in total value over the 1993 report.

A special thank you is extended to staff members Michael Furuta, for compiling statistics, David Wilson for report production and Tami Michaelis for clerical support.

Sincerely submitted,

A handwritten signature in cursive script that reads "Stacy K. Carlsen".

Stacy K. Carlsen
Agricultural Commissioner

FRUIT & NUT CROPS
ACREAGE, PRODUCTION & VALUE

CROP	YEAR	BEARING ACRES	PER ACRE	TOTAL UNIT	PER UNIT	TOTAL
Almonds,	1994	3,687	0.71	2,618 Tons	2,498.03	6,539,800
Meats	1993	3,619	0.68	2,461 Tons	3,296.73	8,113,300
Almonds,	1994			655 Tons	57.50	37,700
Hulls	1993			615 Tons	56.50	34,700
Apples	1994	577	19.75	11,396 Tons	218.67	2,492,000
	1993	435	20.20	**** 8787 Tons	376.99	3,312,600
Bushberries*	1994	1	1.00	1 Tons	674.00	700
	1993	1	1.00	1 Tons	784.00	800
Cherries	1994	64	1.21	77 Tons	1,917.02	147,600
	1993	62	0.34	21 Tons	2,375.00	49,900
Kiwifruit	1994	365	5.10	1,862 Tons	1,157.14	2,154,600
	1993	366	6.41	2,346 Tons	1,371.43	3,217,400
Peaches,	1994	8,179	19.88	162,599 Tons	182.58	29,687,300
Cling***	1993	8,040	18.46	148,418 Tons	213.85	31,739,200
Peaches,	1994	73	8.71	636 Tons	266.95	169,800
Freestone	1993	70	10.36	725 Tons	261.72	189,700
Pears	1994	548	17.11	9,376 Tons	203.01	1,903,400
	1993	617	14.44	8,909 Tons	283.34	2,524,300
Persimmons	1994	177	1.95	345 Tons	519.15	179,100
	1993	165	3.23	533 Tons	932.88	497,200
Plums	1994	46	3.22	148 Tons	464.74	68,800
	1993	53	0.88	47 Tons	465.06	21,900
Prunes,	1994	26,146	2.15	56,214 Tons	1,035.76	58,224,200
Dried	1993	25,823	0.98	25,307 Tons	1,154.25	29,210,600
Walnuts	1994	17,211	1.40	24,095 Tons	1,063.13	25,616,100
English	1993	17,614	1.77	31,177 Tons	1,309.12	40,814,400
Walnuts	1994	71	1.61	114 Tons	111.11	12,700
Black	1993	69	0.90	62 Tons	111.11	6,900
Misc. Fruit	1994	198		557 Tons		234,500
& Nuts**	1993	163		590 Tons		258,000
TOTAL	1994	57,343				127,468,300
	1993	57,097				119,990,900

*Includes Boysenberries, Olallie/Blackberries, Raspberries.

**Includes Apricots, Chestnut, Feijoa/Guava, Figs, Grapefruit, Grapes, Jujube, Lemon,

Mandarin oranges, Nectarines, Oranges, Pecan, Pistachios, Pomegranates, Tangelos, and Tangerines, also includes crops of limited number of growers/processors in Sutter County.

***Acreage from Cling Peach Advisory Board.

****Correction For 1993 Season.

FIELD CROPS
ACREAGE, PRODUCTION & VALUE

CROPS	YEAR	HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	TOTAL
BEANS						
Beans, dry	1994	5,529	1.13	6,248 Tons	611.51	3,820,700
Baby Lima	1993	3,290	1.19	3,915 Tons	700.00	2,740,500
Beans, dry	1994	880	1.06	933 Tons	700.00	653,100
Blackeye	1993	794	1.00	794 Tons	700.00	555,800
Beans, dry	1994	1,243	0.90	1,119 Tons	596.76	667,800
Kidney	1993	1,620	0.88	1,426 Tons	628.01	895,500
Beans, dry	1994	3,561	0.83	2,956 Tons	514.06	1,519,600
Pink	1993	2,090	0.95	1,986 Tons	560.00	1,112,200
Beans, dry	1994	67	1.00	67 Tons	600.00	40,200
Pinto	1993	70	0.77	54 Tons	693.79	37,500
Beans, dry	1994	967		532 Tons		331,900
Misc.*	1993	801		243 Tons		177,700
BEANS, DRY	1994	12,247				7,033,300
TOTAL	1993	8,665				5,519,200
Barley	1994	322	1.44	464 Tons	102.70	47,700
	1993	1,000	1.56	1,560 Tons	100.00	156,000
Corn, field	1994	2,900	5.43	15,747 Tons	98.01	1,543,400
Grain	1993	2,652	3.57	9,468 Tons	108.54	1,027,700
Corn, field	1994	289	20.00	5,780 Tons	32.84	189,800
Silage	1993	400	20.00	8,000 Tons	31.13	249,000
Hay,	1994	11,037	6.48	71,520 Tons	97.57	6,978,200
Alfalfa	1993	5,553	6.10	33,873 Tons	93.38	3,163,100
Hay,	1994	4,416	1.40	6,182 Tons	32.16	198,800
Grain	1993	4,746	1.11	5,268 Tons	35.02	184,500
Hay,	1994	2,782	1.00	2,782 Tons	25.00	69,600
Other	1993	2,993	1.00	2,993 Tons	25.00	74,800
Oats,	1994	956	2.78	2,658 Tons	85.83	228,100
Grain	1993	1,975	1.28	2,528 Tons	120.00	303,400
Pasture,	1994	21,500		Acres	120.00	2,580,000
Irrigated	1993	21,500		Acres	120.00	2,580,000
Pasture,	1994	50,000		Acres	6.00	300,000
Range, dry	1993	50,000		Acres	6.00	300,000

FIELD CROPS continued

CROPS	YEAR	PRODUCTION		TOTAL UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE		PER UNIT	TOTAL
Rice**	1994	102,589	4.45	456,521 Tons	216.60	98,882,400
	1993	79,896	4.17	333,166 Tons	210.00	69,964,900
Safflower	1994	7,572	1.42	10,752 Tons	299.28	3,217,900
	1993	8,336	1.18	9,836 Tons	292.15	2,873,600
Sorghum Grain	1994	645	2.64	1,703 Tons	95.63	162,900
	1993	775	2.00	1,550 Tons	95.81	148,500
Sugarbeets	1994	3,849	21.60	83,138 Tons	35.24	2,929,800
	1993	4,803	31.39	150,766 Tons	35.11	5,293,400
Wheat, Grain	1994	21,508	2.92	62,803 Tons	110.84	6,961,100
	1993	19,725	2.60	51,285 Tons	104.38	5,353,100
Wild Rice	1994	1,126	0.56	631 Tons	2,774.88	1,750,900
	1993	1,891	0.50	946 Tons	1,316.00	1,244,900
Miscellaneous ***	1994	2,891		11,281 Tons		2,198,600
	1993	3,245		11,927 Tons		2,267,400
Field Crop Byproducts	1994			79,703 Tons	12.73	1,014,600
	1993			58,659 Tons	12.73	746,700
TOTAL	1994	246,629				\$136,287,100
	1993	218,155				\$101,450,200

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

**Adjusted CFSA target price.

***Includes Popcorn, Sweet Rice and crops of a limited number of growers/processors in Sutter County.

SEED CROPS
ACREAGE, PRODUCTION & VALUE

CROPS	YEAR	PRODUCTION		TOTAL	UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE			PER UNIT	TOTAL
Beans, dry	1994	1,172	1,355	1,588,060	Lbs	0.30	476,400
	1993	740	1,535	1,135,900	Lbs	0.31	352,100
Cantaloupe & Honeydew	1994	177	935	165,495	Lbs	2.07	342,600
	1993	386	471	181,806	Lbs	2.02	367,200
Cucumber	1994	221	213	47,073	Lbs	3.17	149,200
	1993	351	345	121,095	Lbs	2.67	323,300
Oats	1994	None					
	1993	See Miscellaneous					
Pumpkin & Squash	1994	554	679	376,166	Lbs	2.41	906,600
	1993	815	566	461,290	Lbs	2.74	1,263,900
Rice	1994	2,562	8,000	20,496,000	Lbs	0.12	2,459,500
	1993	1,861	8,000	14,888,000	Lbs	0.12	1,786,600
Safflower	1994	5,171	2,463	12,736,173	Lbs	0.15	1,910,400
	1993	10,539	1,850	19,497,150	Lbs	0.15	2,924,600
Sunflower	1994	867	973	843,591	Lbs	0.52	438,700
	1993	452	711	321,372	Lbs	0.52	167,100
Watermelon	1994	1,207	491	592,637	Lbs	2.17	1,286,000
	1993	974	449	437,326	Lbs	2.41	1,054,000
Wheat	1994	492	2,950	1,451,400	Lbs	0.15	217,700
	1993	275	2,538	697,950	Lbs	0.15	104,700
Wild Rice	1994	1	1,000	1,000	Lbs	1.00	1,000
	1993	None					
Miscellaneous*	1994	2,412		484,994	Lbs		189,600
	1993	2,827		839,603	Lbs		330,200
TOTAL	1994	14,836					\$8,377,700
	1993	19,220					\$8,673,700

*Includes Tomato, Peas and Clover, also includes crops of a limited number of growers/processors in Sutter County.

**VEGETABLE CROPS
ACREAGE, PRODUCTION & VALUE**

CROPS	YEAR	PRODUCTION HARVESTED PER		TOTAL UNIT	VALUE PER	
		ACREAGE	ACRE		UNIT	TOTAL
Corn, Sweet	1994	30	2.00	60 Tons	368.00	22,100
	1993	43	2.00	86 Tons	380.00	32,700
Melons, Honeydew	1994	5,230	8.06	42,154 Tons	225.08	9,488,000
	1993	4,781	7.15	34,184 Tons	196.72	6,724,700
Melons, Mixed	1994	492	6.94	3,414 Tons	273.74	934,500
	1993	568	7.02	3,987 Tons	192.51	767,500
Pumpkins	1994	863	27.66	23,871 Tons	29.76	710,400
	1993	883	30.42	26,861 Tons	31.15	836,700
Squash	1994	256	8.83	2,260 Tons	161.56	365,100
	1993	542	6.91	3,745 Tons	182.77	684,500
Tomatoes, Canning	1994	21,225	32.57	691,298 Tons	51.36	35,505,100
	1993	20,053	31.57	633,073 Tons	42.62	26,981,600
Tomatoes, Fresh	1994	114	21.51	2,452 Tons	233.00	571,300
	1993	31	15.00	465 Tons	554.00	257,600
Watermelons	1994	1,020	19.56	19,951 Tons	93.84	1,872,200
	1993	944	22.05	20,815 Tons	101.56	2,114,000
Miscellaneous*	1994	402		907 Tons		969,600
	1993	771		1,848 Tons		1,163,700
TOTAL	1994	29,632				\$50,438,300
	1993	28,616				\$39,563,000

*Includes the following crops:

Asparagus, Artichoke, Bell Pepper, Broccoli, Bush beans, Cantaloupe, Carrots, Cauliflower, Chard, Chinese grapefruit, Chinese watermelon, Cucumbers, Dry onion, Eggplant, Garlic, Green beans, Green onion, Herbs, Kale, Lettuce, Long beans, Okra, Peppers(red/chili), Peas, Potato, Radishes, Red beets, Spinach, Strawberries, String beans, Sunflowers, Sweet potato, Table beets, Tomatillos, Turnips, Yellow corn, and misc. vegetables.
Also includes crops of limited number of growers/processors in Sutter County.

NURSERY PRODUCTS
ACREAGE, PRODUCTION & VALUE

NURSERY CROPS	YEAR	FIELD ACRES	QUANTITY SOLD	UNIT	TOTAL
Fruit and Nut	1994	120	2,250,711	Trees	8,788,700
Trees & Vines	1993	120	2,052,494	Trees	7,949,900
Ornamental Trees	1994	89		Trees	327,700
& Shrubs	1993	89		Trees	938,500
TOTAL	1994	209			\$9,116,400
	1993	209			\$8,888,400

APIARY PRODUCTS
PRODUCTION & VALUE

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
Honey	1994	209,000	Pounds	0.46	96,100
	1993	264,000	Pounds	0.50	132,000
Beeswax	1994	2,850	Pounds	1.43	4,100
	1993	9,350	Pounds	1.37	12,800
Package Bees	1994	5,500	Pounds	8.50	46,800
	1993	6,050	Pounds	4.44	26,900
Queen Bees	1994	16,875	Each	5.44	91,800
	1993	25,919	Each	5.00	129,600
Pollination	1994	20,723	Colony	14.09	292,000
	1993	22,799	Colony	17.55	400,100
TOTAL	1994				\$530,800
	1993				\$701,400

**LIVESTOCK & POULTRY
PRODUCTION & VALUE**

ITEM	YEAR	NO. OF HEAD	TOTAL LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Cattle & Calves	1994	15,897	138,194	Cwt	62.60	8,650,900
	1993	15,900	143,855	Cwt	72.11	10,373,400
Sheep & Lambs	1994	14,200	17,552	Cwt.	44.87	787,600
	1993	14,400	22,176	Cwt.	44.98	997,500
Hogs & Pigs	1994	1,850	4,279	Cwt.	30.50	130,500
	1993	2,058	3,087	Cwt.	50.10	154,700
Rabbits, all	1994	6,600	23,125	Lbs.	0.55	12,700
	1993	4,859	21,866	Lbs.	0.64	14,000
Chickens, all	1994	4,000	4,066	Lbs.	0.31	1,300
	1993	5,500	5,591	Lbs.	0.30	1,700
Miscellaneous*	1994	32,874		Head		1,206,100
	1993	28,471		Head		1,106,100
TOTAL	1994					\$10,789,100
	1993					\$12,647,400

*Includes Duck, Quail, Fish, Geese, Turkey, Pigeon, Pheasant, Goats, Kid goats, also livestock and poultry of limited number of growers/processors in Sutter County.

LIVESTOCK & POULTRY PRODUCTS
PRODUCTION & VALUE

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
Milk, marketing	1994	9,103	Cwt.	11.41	103,900
	1993	9,450	Cwt.	11.43	108,000
Milk, manufacturing	1994	None			
	1993	None			
Wool**	1994	65,748	Lbs.	0.69	45,400
	1993	106,128	Lbs.	0.41	43,500
Eggs, chicken market	1994	3,750	Doz.	0.44	1,700
	1993	5,000	Doz.	0.44	2,200
Eggs, chicken hatching	1994	None			
	1993	None			
Miscellaneous*	1994				44,300
	1993				39,600
TOTAL	1994				\$195,300
	1993				\$193,300

*Includes Angora fur, Crickets, Worms, Quail eggs, Bait fish, Crayfish, and Rabbit hides, also livestock, and poultry of a limited number of growers/processors in Sutter County.

**Unit information from the California Wool Marketing-Stockton

SUMMARY
FARM VALUE OF AGRICULTURAL PRODUCTION

	<u>1993</u>	<u>1994</u>
FRUIT & NUT CROPS	\$119,990,900	\$127,468,300
FIELD CROPS	\$101,450,200	\$136,287,100
SEED CROPS	\$8,673,700	\$8,377,700
VEGETABLE CROPS	\$39,563,000	\$50,438,300
NURSERY CROPS	\$8,888,400	\$9,116,400
APIARY PRODUCTS	\$701,400	\$530,800
LIVESTOCK & POULTRY	\$12,647,400	\$10,789,100
LIVESTOCK & POULTRY PRODUCTS	\$193,300	\$195,300
TOTAL	\$292,108,300	\$343,203,000

TEN LEADING CROPS
AND VALUE

	<u>1993</u>		<u>1994</u>
RICE, all**	\$71,751,500	RICE, all**	\$103,435,500
WALNUT, all	\$40,821,300	PRUNES, all	\$58,224,200
PEACHES, all*	\$31,928,900	TOMATOES, all**	\$36,138,900
PRUNES, all	\$29,210,600	PEACHES, all*	\$29,857,100
TOMATOES, all**	\$27,306,900	WALNUTS, all	\$25,628,800
MELONS, all**	\$10,660,200	MELONS, all**	\$13,581,200
CATTLE & CALVES	\$10,373,400	NURSERY PRODUCTS, all	\$9,116,400
NURSERY PRODUCTS, all	\$8,888,400	CATTLE & CALVES	\$8,650,900
BEANS, dry, all**	\$8,665,000	BEANS, dry, all**	\$7,513,400
ALMONDS, all	\$8,148,000	ALFALFA HAY, all	\$6,978,200

*Acreage from Cling Peach Advisory Board.

**Includes Seed & miscellaneous - Rice does not include Wild Rice.

FRUIT & NUT
BEARING & NON BEARING ACREAGE

CROP	BEARING ACRES		NON-BEARING ACRES	
	1993	1994	1993	1994
Almonds	3,619	3,687	71	190
Apples	435	577	227	359
Apricots	9	9	0	0
Cherries	62	64	2	0
Chestnuts	6	6	20	20
Grapes	105	104	0	0
Kiwi	366	365	*** 6	0
Nectarines	22	28	0	0
Olives	10	10	0	0
Oranges, Navel	10	10	0	0
Oranges, Valencia	5	2	0	0
Peaches, Cling*	8,040	8,179	2,378	1,952
Peaches, Freestone	70	73	7	6
Pears, all	617	548	7	6
Pecans	2	2	11	11
Persimmons	165	177	22	10
Pistachios	8	41	34	3
Plums	53	46	2	1
Prunes	25,823	26,146	1,945	1,622
Strawberries	9	6	0	6
Walnuts, Black	69	71	12	15
Walnuts, English	17,614	17,211	1,546	1,320
Miscellaneous**	12	13	0	0
TOTAL	57,131	57,375	***6290	5,521

Acreage from California Crop and Livestock Reporting Service.

*Acreage from Cling Peach Advisory Board.

**Includes Fig, Grapefruit, Jujube, Lemon, Mandarin oranges, Tangerine, Bushberries, Guava/Feijoa, Jojoba, Pomegranates, and Tangelos.

*** Correction for the 1993 season.

GROSS VALUE
OF
AGRICULTURAL PRODUCTION

YEAR	VALUE	YEAR	VALUE
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	\$343,203,000

AGRICULTURAL COMMISSIONER
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