



**SUTTER COUNTY CROP REPORT 1993**

## RICE

The history of rice dates back to the prehistoric people of southeast Asia following the Neothermal Age (10,000 to 15,000 BC). The first attempt to grow rice in the United States was in Virginia in 1647.

Early rice growing experiments in California date back to 1888 when L.P. Moulton, a Colusa County grower planted Carolina rice along Butte Creek. It was not until 1912, however, when the Rice Experiment Station was established at Biggs that rice began to be developed into a viable crop for the Sacramento Valley.

Rice was first planted commercially in Sutter County in 1913. In that year 395 acres were planted by the Sutter Basin Corporation near "Chandler", in the south east part of the Sutter Basin. Rice was well suited to the area. By 1946, the Sutter County Crop Report listed a rice crop of 47,000 acres planted, yielding 80,000 tons, an average of 34 sacks per acre.

Rice is a prominent crop in Sutter County. Since 1946, rice has been in the top five commodities in Sutter County in gross value.

Rice is the leading commodity for the 1993 season.



The cover photo "Late August" ©1992 is the work of Gerry Tsuruda, from The Rice Land Suite, a photo-documentary of the North Sacramento Valley.



OFFICE OF THE  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

STACY K. CARLSEN  
Agricultural Commissioner  
Dir. Weights & Measures

March 29, 1994

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

I am pleased to submit the 1993 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 \$292,109,300, a 2.3% increase from the 1992 total of \$285,622,700.

Fruit and Nut Crops continue to lead all commodity categories with a production value totaling \$119,990,900. The dried prune crop experienced a major decline in yield per acre in 1993, caused by the brown rot disease, resulting in a 33% crop value reduction. Almonds and Walnuts each increased by nearly 50% over the 1992 reported values.

Rice continues to be the leading field crop and leads all individual crops both in acreage planted (79,896) and in value at \$71,751,500. No significant changes were noted for 1993 seed crops, but Honeydew melons of the Vegetable Crops category declined in acres planted, yield per acre, and value per ton resulting in approximately a 50% reduction in value from the 1992 growing season.

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

Sincerely submitted,

Stacy K. Carlsen  
Agricultural Commissioner

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## FRUIT & NUT CROPS ACREAGE, PRODUCTION & VALUE

CROP	YEAR	BEARING	PER	TOTAL UNIT	PER	TOTAL
		ACRES	ACRE		UNIT	
Almonds, Meats	1993	3,619	0.68	2,461 Tons	3,296.73	8,113,300
	1992	3,561	0.05	1,781 Tons	2,396.56	4,268,300
Almonds, Hulls	1993			615 Tons	56.50	34,700
	1992			445 Tons	45.00	20,000
Apples	1993	435	20.20	88 Tons	376.99	3,312,600
	1992	376	19.99	7,516 Tons	473.75	3,560,700
Bushberries*	1993	1	1.00	1 Tons	784.00	800
	1992	1	1.00	1 Tons	1,240.00	1,200
Cherries	1993	62	0.34	21 Tons	2,375.00	49,900
	1992	79	0.45	36 Tons	1,705.00	61,400
Kiwifruit	1993	366	6.41	2,346 Tons	1,371.43	3,217,400
	1992	375	6.48	2,430 Tons	1,143.00	2,777,500
Peaches, Cling***	1993	8,040	18.46	148,418 Tons	213.85	31,739,200
	1992	8,068	19.87	160,311 Tons	217.21	34,821,200
Peaches, Freestone	1993	70	10.36	725 Tons	261.72	189,700
	1992	85	6.00	510 Tons	282.77	144,200
Pears, All	1993	617	14.44	8,909 Tons	283.34	2,524,300
	1992	679	13.72	9,316 Tons	251.32	2,341,300
Persimmons	1993	165	3.23	533 Tons	932.88	497,200
	1992	152	2.76	420 Tons	874.29	367,200
Plums	1993	53	0.88	47 Tons	465.06	21,900
	1992	49	1.08	53 Tons	327.31	17,300
Prunes, Dried	1993	25,823	0.98	25,307 Tons	1,154.25	29,210,600
	1992	19,581	2.23	43,666 Tons	1,016.00	44,364,700
Walnuts English	1993	17,614	1.77	31,177 Tons	1,309.12	40,814,400
	1992	13,316	1.31	17,444 Tons	1,280.00	22,328,300
Walnuts Black	1993	69		62 Tons	111.11	6,900
	1992	71	0.99	70 Tons	111.11	7,800
Misc. Fruit & Nuts**	1993	163		590 Tons		258,000
	1992	126		214 Tons		106,700
<b>TOTAL</b>	<b>1993</b>	<b>57,097</b>				<b>\$119,990,900</b>
	<b>1992</b>	<b>46,519</b>				<b>\$115,187,800</b>

\*Includes Boysenberries, Olallie/Blackberries, Raspberries

\*\*Includes Apricots, Grapes, Figs, Grapefruit, Jujube, Lemon, Mandarin oranges, Nectarines, Oranges, Pistachios and Pomegranates, also includes crops of limited number of growers/processors in Sutter County.

\*\*\*Acreage from Cling Peach Advisory Board.

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

<b>CROPS</b>	<b>YEAR</b>	<b>HARVESTED ACREAGE</b>	<b>PER ACRE</b>	<b>TOTAL</b>	<b>UNIT</b>	<b>PER UNIT</b>	<b>TOTAL</b>
<b>BEANS</b>							
Beans, dry	1993	3,290	1.19	3915	Tons	700.00	2,740,500
Baby Lima	1992	5,650	1.06	5,989	Tons	440.00	2,635,200
Beans, dry	1993	794	1.00	794	Tons	700.00	555,800
Blackeye	1992	615	0.99	609	Tons	503.61	306,700
Beans, dry	1993	1,620	0.88	1,426	Tons	628.01	895,500
Kidney	1992	1,450	0.71	1,030	Tons	669.76	689,900
Beans, dry	1993	2,090	0.95	1,986	Tons	560.00	1,112,200
Pink	1992	2,300	0.83	1,909	Tons	500.00	954,500
Beans, dry	1993	70	0.77	54	Tons	693.79	37,500
Pinto	1992	155	0.94	146	Tons	509.15	74,300
Beans, dry	1993	801		243	Tons		177,700
Misc.*	1992	363		230	Tons		196,800
<b>BEANS, DRY</b>	<b>1993</b>	<b>8,665</b>					<b>5,519,200</b>
<b>TOTAL</b>	<b>1992</b>	<b>10,533</b>					<b>4,857,400</b>
Barley	1993	1,000	1.56	1,560	Tons	100.00	156,000
	1992	1,500	1.44	2,160	Tons	105.50	227,900
Corn, field	1993	2,652	3.57	9,468	Tons	108.54	1,027,700
Grain	1992	2,700	3.89	10,503	Tons	96.25	1,010,900
Corn, field	1993	400	20.00	8,000	Tons	31.13	249,000
Silage	1992	165	20.00	3,300	Tons	25.18	83,100
Hay,	1993	5,553	6.10	33,873	Tons	93.38	3,163,100
Alfalfa	1992	4,103	6.66	27,326	Tons	75.53	2,063,900
Hay,	1993	4,746	1.11	5,268	Tons	35.02	184,500
Grain	1992	655	1.08	707	Tons	35.04	24,800
Hay,	1993	2,993	1.00	2,993	Tons	25.00	74,800
Other	1992	3,142	1.00	3,142	Tons	25.00	78,600
Oats,	1993	1,975	1.28	2,528	Tons	120.00	303,400
Grain	1992	1,000	1.20	1,200	Tons	100.00	120,000
Pasture,	1993	21,500			Acres	120.00	2,580,000
Irrigated	1992	21,500			Acres	115.00	2,472,500
Pasture,	1993	50,000			Acres	6.00	300,000
Range, dry	1992	50,000			Acres	5.00	250,000

## FIELD CROPS continued

CROPS	YEAR	PRODUCTION			VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	TOTAL
Rice**	1993	79,896	4.17	333,166 Tons	210.00	69,964,900
	1992	73,780	4.20	309,876 Tons	210.20	65,135,900
Safflower	1993	8,336	1.18	9,836 Tons	292.15	2,873,600
	1992	6,862	1.28	8,783 Tons	277.03	2,433,200
Sorghum Grain	1993	775	2.00	1,550 Tons	95.81	148,500
	1992	484	2.30	1,113 Tons	91.25	101,600
Sugarbeets	1993	4,803	31.39	150,766 Tons	35.11	5,293,400
	1992	2,288	28.10	64,293 Tons	37.84	2,432,800
Wheat, Grain	1993	19,725	2.60	51,285 Tons	104.38	5,353,100
	1992	20,514	2.70	55,388 Tons	108.25	5,995,800
Wild Rice	1993	1,891	0.50	946 Tons	1,316.00	1,244,900
	1992	2,834	0.75	2,126 Tons	2,278.00	4,843,000
Miscellaneous ***	1993	3,245		11,927 Tons		2,267,400
	1992	1,836		6,628 Tons		1,319,700
Field Crop Byproducts	1993			58,659 Tons	12.73	746,700
	1992			56,002 Tons	12.73	712,900
<b>TOTAL</b>	<b>1993</b>	<b>218,155</b>				<b>\$101,450,200</b>
	<b>1992</b>	<b>203,896</b>				<b>\$94,164,000</b>

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

\*\*Adjusted ASCS target price.

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

**SEED CROPS  
ACREAGE, PRODUCTION & VALUE**

CROPS	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Beans, dry	1993	740	1,535	1,135,900 Lbs	0.31	352,100	
	1992	1,239	1,141	1,413,699 Lbs	0.32	452,400	
Cantaloupe Honeydew	1993	386	471	181,806 Lbs	2.02	367,200	
	1992	564	354	199,656 Lbs	2.12	423,300	
Cucumber	1993	351	345	121,095 Lbs	2.67	323,300	
	1992	595	311	185,045 Lbs	2.91	538,500	
Oats	1993	See Miscellaneous					
	1992	None					
Pumpkin & Squash	1993	815	566	461,290 Lbs	2.74	1,263,900	
	1992	843	628	529,404 Lbs	2.60	1,376,500	
Rice	1993	1,861	8,000	14,888,000 Lbs	0.12	1,786,600	
	1992	2,277	8,400	19,126,800 Lbs	0.11	2,103,900	
Safflower	1993	10,539	1,850	19,497,150 Lbs	0.15	2,924,600	
	1992	7,194	2,234	16,071,396 Lbs	0.14	2,250,000	
Sunflower	1993	452	711	321,372 Lbs	0.52	167,100	
	1992	666	1,097	730,602 Lbs	0.46	336,100	
Watermelon	1993	974	449	437,326 Lbs	2.41	1,054,000	
	1992	1,329	364	483,756 Lbs	2.98	1,441,600	
Wheat	1993	275	2,538	697,950 Lbs	0.15	104,700	
	1992	See Miscellaneous					
Wild Rice	1993	None					
	1992	None					
Miscellaneous*	1993	2,827		839,603 Lbs		330,200	
	1992	3,397		2,045,759 Lbs		546,500	
<b>TOTAL</b>	<b>1993</b>	<b>19,220</b>				<b>\$8,673,700</b>	
	<b>1992</b>	<b>18,104</b>				<b>\$9,468,800</b>	

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



## VEGETABLE CROPS ACREAGE, PRODUCTION & VALUE

CROPS	YEAR	PRODUCTION		TOTAL UNIT	VALUE	
		HARVESTED ACREAGE	PER ACRE		PER UNIT	TOTAL
Corn, sweet	1993	43	2.00	86 Tons	380.00	32,700
	1992	78	3.15	246 Tons	285.00	70,100
Melons, Honeydew	1993	4,781	7.15	34,184 Tons	196.72	6,724,700
	1992	5,171	9.67	50,004 Tons	242.57	12,129,500
Melons, Mixed	1993	568	7.02	3,987 Tons	192.51	767,500
	1992	34	2.50	85 Tons	200.00	17,000
Pumpkins	1993	883	30.42	26,861 Tons	31.15	836,700
	1992	468	30.43	14,241 Tons	34.22	487,300
Squash, all	1993	542	6.91	3,745 Tons	182.77	684,500
	1992	709	4.20	2,978 Tons	121.91	363,000
Tomatoes, Canning	1993	20,053	31.57	633,073 Tons	42.62	26,981,600
	1992	19,790	33.44	661,778 Tons	46.05	30,474,900
Tomatoes, Fresh	1993	31	15.00	465 Tons	554.00	257,600
	1992	19	13.00	247 Tons	650.00	160,600
Watermelons	1993	944	22.05	20,815 Tons	101.56	2,114,000
	1992	607	19.31	11,721 Tons	113.23	1,327,200
Miscellaneous*	1993	771		1,848 Tons		1,163,700
	1992	347		678 Tons		912,800
<b>TOTAL</b>	<b>1993</b>	<b>28,616</b>				<b>\$39,563,000</b>
	<b>1992</b>	<b>27,223</b>				<b>\$45,942,400</b>

\*Includes the following crops:

Asparagus, Yellow Wax beans, Green beans, Beets, Broccoli, Cabbage, Cantaloupe, Carrots, Cauliflower, Cucumbers, Eggplant, Garlic, Lettuce, Okra, Peppers (red/chili), Spinach, Bell Pepper, Potato, Sunflowers, String beans, Long beans, Yellow corn, Diakon, Chinese grapefruit, Kale, Dry onion, Cowpeas, Snow peas, Turnips, Bush beans, Bok Choy, Tomatillos, Indian corn, Gourds, Herbs, Blackeye peas, Radishes, Strawberries, Sunflowers, Rutabaga.

Also includes crops of limited number of growers/processors in Sutter county.

**NURSERY PRODUCTS  
ACREAGE, PRODUCTION & VALUE**

<b>NURSERY CROPS</b>	<b>YEAR</b>	<b>FIELD ACRES</b>	<b>QUANTITY SOLD</b>	<b>UNIT</b>	<b>TOTAL</b>
Fruit and Nut	1993	120	2052494	Trees	7,949,900
Trees & Vines	1992	120	1317727	Trees	5,481,000
Ornamental Trees	1993	89		Trees	938,500
& Shrubs	1992	89		Trees	669,600
<b>TOTAL</b>	<b>1993</b>	<b>209</b>			<b>\$8,888,400</b>
	<b>1992</b>	<b>209</b>			<b>\$6,150,600</b>

**APIARY PRODUCTS  
PRODUCTION & VALUE**

<b>ITEM</b>	<b>YEAR</b>	<b>PRODUCTION</b>	<b>UNIT</b>	<b>PER UNIT</b>	<b>TOTAL</b>
Honey	1993	264,000	Pounds	0.50	132,000
	1992	176,000	Pounds	0.50	88,000
Beeswax	1993	9,350	Pounds	1.37	12,800
	1992	7,150	Pounds	0.96	6,900
Package Bees	1993	6,050	Pounds	4.44	26,900
	1992	5,500	Pounds	4.50	24,800
Queen Bees	1993	25,919	Each	5.00	129,600
	1992	23,804	Each	4.96	118,100
Pollination	1993	22,799	Colony	17.55	400,100
	1992	27,553	Colony	17.70	487,700
<b>TOTAL</b>	<b>1993</b>				<b>\$701,400</b>
	<b>1992</b>				<b>\$725,500</b>

**LIVESTOCK & POULTRY  
PRODUCTION & VALUE**

<b>ITEM</b>	<b>YEAR</b>	<b>NO. OF HEAD</b>	<b>TOTAL LIVEWEIGHT</b>	<b>UNIT</b>	<b>PER UNIT</b>	<b>TOTAL</b>
Cattle & Calves	1993	15,900	143,855	Cwt	72.11	10,373,400
	1992	16,500	175,589	Cwt.	63.64	11,174,500
Sheep & Lambs	1993	14,400	22,176	Cwt.	44.98	997,500
	1992	19,000	29,260	Cwt.	46.22	1,352,400
Hogs & Pigs	1993	2,058	3,087	Cwt.	50.10	154,700
	1992	2,558	3,817	Cwt.	48.00	183,200
Rabbits, all	1993	4,859	21,866	Lbs.	0.64	14,000
	1992	19,434	100,476	Lbs.	0.49	49,200
Chickens, all	1993	5,500	5,591	Lbs.	0.30	1,700
	1992	4,300	4,371	Lbs.	0.26	1,100
Miscellaneous*	1993	28,471		Head		1,106,100
	1992	43,308		Head		970,700
<b>TOTAL</b>	<b>1993</b>					<b>\$12,647,400</b>
	<b>1992</b>					<b>\$13,731,100</b>

\*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	1993	9,450	Cwt.	11.43	108,000
	1992	8,089	Cwt.	11.61	93,900
Milk, manufacturing	1993	None			
	1992	None			
Wool**	1993	106,128	Lbs.	0.41	43,500
	1992	147,681	Lbs.	0.67	98,900
Eggs, chicken market	1993	5,000	Doz.	0.44	2,200
	1992	5,000	Doz.	0.44	2,200
Eggs, chicken hatching	1993	None			
	1992	None			
Miscellaneous*	1993				39,600
	1992				57,500
<b>TOTAL</b>	<b>1993</b>				<b>\$193,300</b>
	<b>1992</b>				<b>\$252,500</b>

\*Includes Angora fur, Crickets and Worms, Quail eggs, Live 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 Association

**SUMMARY**  
**FARM VALUE OF AGRICULTURAL PRODUCTION**

	<u>1992</u>	<u>1993</u>
FRUIT & NUT CROPS	\$115,187,800	\$119,990,900
FIELD CROPS	\$94,164,000	\$101,450,200
SEED CROPS	\$9,468,800	\$8,673,700
VEGETABLE CROPS	\$45,942,400	\$39,563,000
NURSERY CROPS	\$6,150,600	\$8,888,400
APIARY PRODUCTS	\$725,500	\$701,400
LIVESTOCK & POULTRY	\$13,731,100	\$12,647,400
LIVESTOCK & POULTRY PRODUCTS	\$252,500	\$193,300
<b>TOTAL</b>	<b>\$285,622,700</b>	<b>\$292,108,300</b>

**TEN LEADING CROPS  
AND VALUE**

	<u>1992</u>		<u>1993</u>
RICE, all**	\$68,046,100	RICE, all**	\$71,751,500
PRUNES, dried	\$44,364,700	WALNUTS, all	\$40,821,300
PEACHES, all*	\$34,965,400	PEACHES, all*	\$31,928,900
TOMATOES, all**	\$30,694,900	PRUNES, all	\$29,210,600
WALNUTS, all	\$22,336,100	TOMATOES, all**	\$27,306,900
MELONS, all**	\$15,350,400	MELONS, all**	\$10,660,200
CATTLE & CALVES	\$11,174,500	CATTLE & CALVES	\$10,373,400
NURSERY PRODUCTS, all	\$6,026,000	NURSERY PRODUCTS, all	\$8,888,400
WHEAT, GRAIN, all**	\$5,995,800	BEANS, dry, all**	\$8,665,000
BEANS, dry, all**	\$5,309,800	ALMONDS, all	\$8,148,000

\*Acreage from Cling Peach Advisory Board

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

**FRUIT & NUT  
BEARING & NON BEARING ACREAGE**

<b>CROP</b>	<b>BEARING ACRES</b>		<b>NON-BEARING ACRES</b>	
	<b>1992</b>	<b>1993</b>	<b>1992</b>	<b>1993</b>
Almonds	3,561	3,619	182	71
Apples	376	435	95	227
Apricots	5	9	0	0
Cherries	79	62	2	2
Chestnuts	5	6	2	20
Grapes	98	105	0	0
Kiwi	375	366	1	0
Nectarines	33	22	6	0
Olives	10	10	0	0
Oranges, navel	10	10	0	0
Oranges, valencia	5	5	0	0
Peaches, Cling*	8,068	8,040	2,474	2,378
Peaches, Freestone	85	70	5	7
Pears, all	679	617	12	7
Pecans	0	2	4	11
Persimmons	152	165	40	22
Pistachios	5	8	34	34
Plums	49	53	3	2
Prunes	19,581	25,823	2,195	1,945
Strawberries	8	9	0	0
Walnuts, black	71	69	15	12
Walnuts, english	13,316	17,614	1,787	1,546
Miscellaneous**	18	12	0	0
<b>TOTAL</b>	<b>46,589</b>	<b>57,131</b>	<b>6,857</b>	<b>6,284</b>

Acreege from California Crop and Livestock Reporting Service.

\*Acreege from Cling Peach Advisory Board.

\*\*Includes Fig, Grapefruit, Jubube, Lemon, Mandarin oranges, Tangerine, Bushberries, Cherimoya, Guava/Feijoa, Jojoba, and Pomegranates.

GROSS VALUE  
OF  
AGRICULTURAL PRODUCTION

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

*AGRICULTURAL COMMISSIONER  
SEALER of WEIGHTS & MEASURES  
Stacy K. Carlsen*

*ASSISTANT AGRICULTURAL COMMISSIONER  
David L. Wilson*

*ASSISTANT SEALER OF WEIGHTS & MEASURES  
Rallin Ahlers*

*DEPUTY AGRICULTURAL COMMISSIONER  
Stan Anderson (Acting)*

*AGRICULTURAL & STANDARDS BIOLOGIST III  
Harold Dirks Mark Brown Harkirat Hothi*

*AGRICULTURAL BIOLOGIST III  
Mike Furuta Allan Melton  
vacant 1 position*

*AGRICULTURAL & STANDARDS BIOLOGIST II  
Jim McKee*

*AGRICULTURAL & STANDARDS BIOLOGIST I  
Jeff Citron David Karnegas  
Navid Khan  
vacant 1 position*

*AGRICULTURAL FIELD ASSISTANTS  
Paul Schwall Ken Woolery  
Extra Help  
Dennis Hanna*

*SUPPORT STAFF*

*Marguerite "Sue" Habel DEPARTMENTAL SECRETARY*

*Patricia Bagley CLERK TYPIST III*

*vacant SECRETARY/ PESTICIDE UNIT*

*Audrey Goodlett CLERK TYPIST I*

*Kari Kasten CLERK TYPIST II*