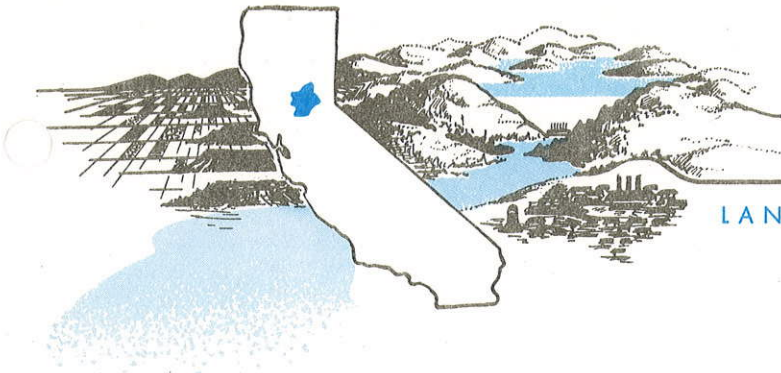


AGRICULTURAL CROP REPORT FOR 1977



BUTTE COUNTY

agricultural commissioner



Butte County

LAND OF NATURAL WEALTH AND BEAUTY

OFFICES OF AGRICULTURAL COMMISSIONER
AND AIR POLLUTION CONTROL

316 Nelson Avenue - Oroville, California 95965
Mail: P. O. Box 1229 - Telephone: (916) 534-4381

JOE E. BANDY
Agricultural Commissioner
Air Pollution Control Officer

JOE CARLILE
Assistant Agricultural Commissioner
Assistant Air Pollution Control Officer

Richard E. Rominger, Director
California Department of Food and Agriculture

The Honorable Board of Supervisors
County of Butte

Robert A. Winston, Chairman
Robert E. Lemke
Jack J. Madigan
Bertha Moseley
Bernard D. Richter

In compliance with the requirement of Section 2279 of the California Food and Agricultural Code, I herewith submit the thirty-ninth annual Crop Report of agricultural production in Butte County for the year 1977.

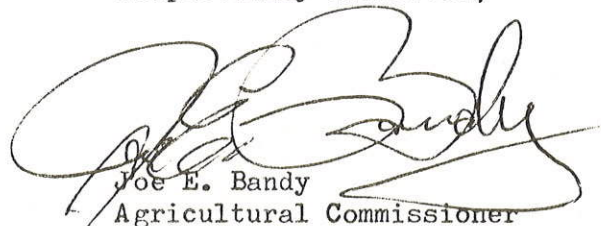
The 1977 gross value of agricultural products produced in Butte County totaled \$143,691,200 which is an increase of \$16,457,400 over the 1976 production year.

It must be noted that gross values are utilized in this report and do not reflect net returns to the producers.

I wish to thank the many individuals, firms, and governmental entities for their informational contributions to this report.

The finalizing and issuance of a meaningful report on diversified agricultural production requires the combined efforts of many. I wish to extend my appreciation and thanks to my staff for their efforts and Joe Carlile, Assistant Agricultural Commissioner, who supervised and directed the development and completion of this report.

Respectfully submitted,



Joe E. Bandy
Agricultural Commissioner

PERSONNEL

Joe E. Bandy
Agricultural Commissioner

Joe Carlile
Assistant Agricultural Commissioner

Harrie Riley
Deputy Agricultural Commissioner

OROVILLE DISTRICT

Louis Heinrichs	Agricultural Biologist III
Arlyn Beneke	Agricultural Biologist I
Herbert Fariester	Weed & Vertebrate Pest Control Worker
Robert Dodd	Weed & Vertebrate Pest Control Worker
Keith Jones	Weed & Vertebrate Pest Control Worker
Paul Bert	Weed & Vertebrate Pest Control Worker
Benny Beeman	Weed & Vertebrate Pest Control Worker
Bob Jones	Hunter Trapper
Mary Belle Grubbs	Secretary I
Iva Batchelar	Typist Clerk II
Polly Smith	Typist Clerk II

CHICO DISTRICT

Sterling Mattoon	Agricultural Biologist III
Leslie Going	Agricultural Biologist III
Layne Adams	Agricultural Biologist II
Tim Sutton	Agricultural Biologist II
Robert Voorhees	Agricultural Biologist II

GRIDLEY DISTRICT

Mike Stewart	Agricultural Biologist III
Dennis Pooler	Agricultural Biologist II

CROP SUMMARY
1977

Field Crops

Values were down \$1,855,600 with all crops except rice, beans and silage showing a decrease.

Seed Crops

Values were down \$168,000 with all but rice seed, bean seed and vine seed crops showing decreases.

Vegetable Crops

Values were down \$37,000 with all vegetables except tomatoes showing a slight decrease.

Fruit and Nut Crops

Values were up \$17,227,500 with almonds, walnuts, prunes, olives, citrus, peaches, pears, kiwis and grapes showing increases.

Nursery and Apiary

Values were down \$551,400 with a decrease in production of nursery stock and package bees accounting for the decrease.

Livestock and Poultry

Values were up \$1,841,900 with market chicken eggs, wool, cattle, hogs and pigs showing increases.

The total 1977 crop commodity value increased \$16,457,400 over the 1976 value.

BUTTE COUNTY FRUIT AND NUT ACREAGE STATISTICS
1977

Orchard Crops	Bearing Acreage	Non-Bearing Acreage	Total
Almonds	28,176	3,378	31,554
Apples	228	6	234
Apricots	28	2	30
Cherries	18	0	18
Citrus			
Mandarins	48	7	55
Navels	274	5	279
Miscellaneous	5	0	5
Figs	3	0	3
Grapes (all)	1,431	0	1,431
Kiwi	44	125	169
Nectarines	4	0	4
Olives	3,913	11	3,924
Peaches, clingstone	3,307	758	4,065
Peaches, freestone	108	9	117
Pears	880	0	880
Pecans	40	31	71
Persimmons	5	1	6
Pistachio	34	264	298
Plums	8	0	8
Prunes	7,523	1,720	9,243
Walnuts, persian	10,169	1,998	12,167
Walnuts, black	<u>95</u>	<u>107</u>	<u>202</u>
Total	56,341	8,422	64,763

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Barley	1977	8,500	1.5	12,750	ton	\$ 88.00	\$ 1,122,000
	1976	12,000	1.6	19,200	ton	105.00	2,016,000
Beans, dry edible	1977	7,900	.82	6,478	ton	600.00	3,887,000
	1976	8,100	.89	7,209	ton	368.00	2,653,000
Corn	1977	5,200	3.7	19,240	ton	83.00	1,597,000
	1976	8,800	3.9	34,320	ton	100.00	3,432,000
Hay, alfalfa	1977	4,500	5.7	25,650	ton	63.00	1,616,000
	1976	6,500	6.5	42,250	ton	80.00	3,380,000
Grain	1977	2,500	1.6	4,000	ton	40.00	160,000
	1976	3,000	2.1	6,300	ton	60.00	378,000
Wild	1977	1,900	1.2	2,280	ton	30.00	68,400
	1976	1,150	1.2	1,380	ton	46.00	63,500
Oats	1977	6,400	.80	5,120	ton	120.00	614,000
	1976	5,000	1.89	9,450	ton	165.00	1,559,000
Pasture, Irrigated	1977	19,800			*acre	90.00	1,782,000
	1976	19,800			*acre	93.00	1,841,000
Other	1977	300,000			*acre	3.00	900,000
	1976	310,000			*acre	3.00	930,000
Rice	1977	60,100	2.9	174,290	ton	190.00	33,115,000
	1976	70,000	2.8	196,000	ton	140.00	27,440,000
Silage, corn	1977	1,000	20.0	20,000	ton	20.00	400,000
	1976	680	24.0	16,320	ton	18.00	294,000
Sorghum, grain	1977	2,400	2.2	5,280	ton	80.00	422,000
	1976	11,200	2.95	33,040	ton	89.00	2,940,000
Sugar Beets	1977	3,500	25.2	88,200	ton	21.00	1,852,000
	1976	4,040	28.3	114,332	ton	18.40	2,104,000
Wheat	1977	31,000	2.1	65,100	ton	84.00	5,468,000
	1976	27,600	1.97	54,372	ton	120.00	6,525,000
**Miscellaneous	1977	3,050					1,232,000
	1976	1,140					535,500
Total	1977	457,750					\$ 54,235,400
	1976	489,010					\$ 56,091,000

*Per acre value

**Soybeans, Safflower and Field Crop By-products

SEED CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Production		Unit	Per Unit	Value
			Per Acre	Total			Total
Barley	1977	1,100	2,100	2,310,000	lb.	\$.07	\$ 162,000
	1976	1,500	3,160	4,740,000	lb.	.08	379,000
Beans	1977	1,000	1,750	1,750,000	lb.	.40	700,000
	1976	400	2,540	1,016,000	lb.	.25	254,000
Oats	1977	7,700	2,300	17,710,000	lb.	.095	1,682,000
	1976	6,300	2,500	15,750,000	lb.	.11	1,732,000
Rice	1977	3,300	5,000	16,500,000	lb.	.1095	1,807,000
	1976	3,200	4,700	15,040,000	lb.	.1075	1,617,000
Vetch	1977	1,100	500	550,000	lb.	.27	148,000
	1976	3,760	380	1,428,800	lb.	.23	329,000
Wheat	1977	2,300	2,900	6,670,000	lb.	.06	400,000
	1976	4,400	3,500	15,400,000	lb.	.08	1,232,000
*Miscellaneous	1977	1,400					869,000
	1976	<u>548</u>					<u>393,000</u>
Total	1977	17,900					\$ 5,768,000
	1976	20,108					\$ 5,936,000

*Melons and Cucurbits, Safflower, Sudan grass, Peas, Onions

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Production		Unit	Per Unit	Value
			Per Acre	Total			Total
*Miscellaneous	1977	1,277					\$ 1,391,000
	1976	1,932					\$ 1,428,000

*Corn, Cucumbers, Melons, Onions, Peppers, Pumpkins, Squash, Tomatoes, Lettuce

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Bearing Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Almonds	1977	28,176	1.03	29,021	ton	\$ 980.00	\$ 28,441,000
	1976	26,767	.94	25,161	ton	728.00	18,317,000
Hulls	1977			36,276	ton	26.00	943,000
	1976			28,306	ton	42.60	1,206,000
Apples	1977	228	4.6	1,049	ton	200.00	210,000
	1976	230	5.1	1,173	ton	210.00	246,000
Olives	1977	3,913	1.3	5,087	ton	390.00	1,984,000
	1976	3,913	1.3	5,087	ton	323.00	1,643,000
Oranges, Navel	1977	274	4.5	1,233	ton	200.00	247,000
	1976	272	4.41	1,200	ton	158.00	190,000
Mandarins & Tangerines	1977	48	3.5	168	ton	277.00	46,500
	1976	47	3.51	165	ton	240.00	39,600
Peaches, Clingstone	1977	3,307	16.0	52,912	ton	127.50	6,746,000
	1976	3,657	12.5	45,713	ton	118.00	5,394,000
Freestone	1977	108	12.0	1,296	ton	175.00	227,000
	1976	109	8.25	899	ton	170.00	153,000
Pears	1977	880	8.5	7,480	ton	120.00	898,000
	1976	853	9.21	7,856	ton	105.00	825,000
Prunes, dried	1977	7,523	3.0	22,569	ton	488.00	11,014,000
	1976	7,367	2.3	16,944	ton	467.50	7,921,000
Walnuts, Persian	1977	10,169	1.5	15,254	ton	725.00	11,059,000
	1976	9,411	1.6	15,058	ton	620.00	9,336,000
*Miscellaneous	1977						1,533,100
	1976						<u>850,500</u>
Total	1977	56,341					\$ 63,348,600
	1976	54,029					\$ 46,121,100

*Apricots, Black Walnuts, Cherries, Miscellaneous Citrus, Figs, Grapes, Kiwi Fruit, Nectarines, Pecans, Persimmons, Pistachio, Plums

NURSERY PRODUCTS: PRODUCTION AREA, SALES AND VALUE

Item	Year	Production Area		Sold by Producers	Unit	Total
		House Sq. Ft.	Field Acres			
*Nursery Stock	1977	26,000	24.0	1,926,000	plant	\$ 958,000
	1976	25,000	45.0	1,662,000	plant	1,452,200

*Includes broad leaved evergreens, coniferous evergreens, deciduous fruit, nut and shade trees, shrubs, kiwi vines, herbaceous perennials, indoor decorative plants, bulbs, rhizomes, roots, bedding plants, miscellaneous citrus, specimen olive trees.

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production Total	Unit	Per Unit	Value
					Total
Honey	1977	160,000	lb.	\$.43	\$ 68,800
	1976	185,400	lb.	.38	70,500
Beeswax	1977	2,700	lb.	1.75	4,700
	1976	3,000	lb.	1.12	3,400
Package Bees	1977	113,500	lb.	4.50	511,000
	1976	110,000	lb.	5.00	550,000
Queen Bees	1977	65,000	each	5.00	325,000
	1976	67,000	each	5.00	335,000
Pollination	1977	56,400	colony	8.25	465,000
	1976	57,500	colony	7.76	446,000
Nuclei	1977	1,450		14.00	20,000
	1976	2,600		18.00	46,800
Total	1977				\$ 1,394,500
	1976				\$ 1,451,700

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	Production		Unit	Per Unit	Value
		No. of Head	Total Live Weight			Total
Cattle and Calves	1977	35,600	284,800	cwt.	\$ 35.50	\$ 10,110,000
	1976	36,600	292,800	cwt.	30.00	8,784,000
Sheep and Lambs	1977	9,000	11,250	cwt.	54.00	608,000
	1976	9,900	13,365	cwt.	47.00	628,000
Hogs and Pigs	1977	9,800	29,400	cwt.	42.00	1,235,000
	1976	8,900	26,700	cwt.	42.50	1,135,000
*Miscellaneous	1977					652,000
	1976					<u>615,000</u>
Total	1977					\$ 12,605,000
	1976					\$ 11,162,000

*Catfish, Meat Poultry, Pheasants, Pullet replacements, Rabbits

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Per Unit	Value
					Total
Milk, Market	1977	180,000	cwt.	\$ 9.89	\$ 1,780,000
	1976	201,000	cwt.	9.38	1,885,000
Manufacturing	1977	59,600	cwt.	8.15	486,000
	1976	57,800	cwt.	7.55	436,000
Eggs, Chicken Market	1977	3,637,000	doz.	.46	1,673,000
	1976	2,310,000	doz.	.53	1,224,000
Wool	1977	68,000	lb.	.76	51,700
	1976	72,000	lb.	.65	<u>46,800</u>
Total	1977				\$ 3,990,700
	1976				\$ 3,591,800

JANUARY 1 INVENTORIES OF LIVESTOCK AND POULTRY

	1978	1977
Cattle and Calves, All	44,200	58,100
Milk cows 2 years and over	2,200	2,000
Cattle and Calves in feed lots	500	400
Sheep and Lambs, All	9,900	7,550
Stock Sheep	550	550
Hogs and Pigs, All	5,400	5,400
Hens and Pullets of laying age	303,000	140,000

FIVE YEAR SUMMARY OF CROP VALUES

Commodities	1973	1974	1975	1976	1977
Field Crops	\$ 62,873,900	\$ 69,462,000	\$ 65,094,000	\$ 56,091,000	\$ 54,235,400
Seed Crops	3,412,700	3,645,800	6,087,000	5,936,000	5,768,000
Vegetable Crops	536,000	733,600	1,484,200	1,428,000	1,391,000
Fruit and Nut Crops	53,775,000	37,587,300	36,277,700	46,121,100	63,348,600
Nursery Stock	654,500	790,600	1,278,000	1,452,200	958,000
Livestock and Poultry	*17,065,300	*13,525,900	14,304,600	14,753,800	16,595,700
Apiary Products	<u>643,800</u>	<u>1,011,800</u>	<u>1,234,400</u>	<u>1,451,700</u>	<u>1,394,500</u>
Grand Total	**138,961,200	**126,757,000	\$ 125,759,900	\$ 127,233,800	\$ 143,691,200

FIVE YEAR SUMMARY OF PLANT CROP ACREAGES

Commodities	1973	1974	1975	1976	1977
Field Crops	496,750	507,300	518,330	489,010	457,750
Seed Crops	8,710	7,600	14,465	20,108	17,900
Vegetable Crops	1,890	1,460	1,965	1,923	1,277
Fruit and Nut Crops	<u>49,699</u>	<u>50,592</u>	<u>51,586</u>	<u>54,029</u>	<u>56,341</u>
Grand Total	557,049	566,952	586,346	565,070	533,268

*Revised