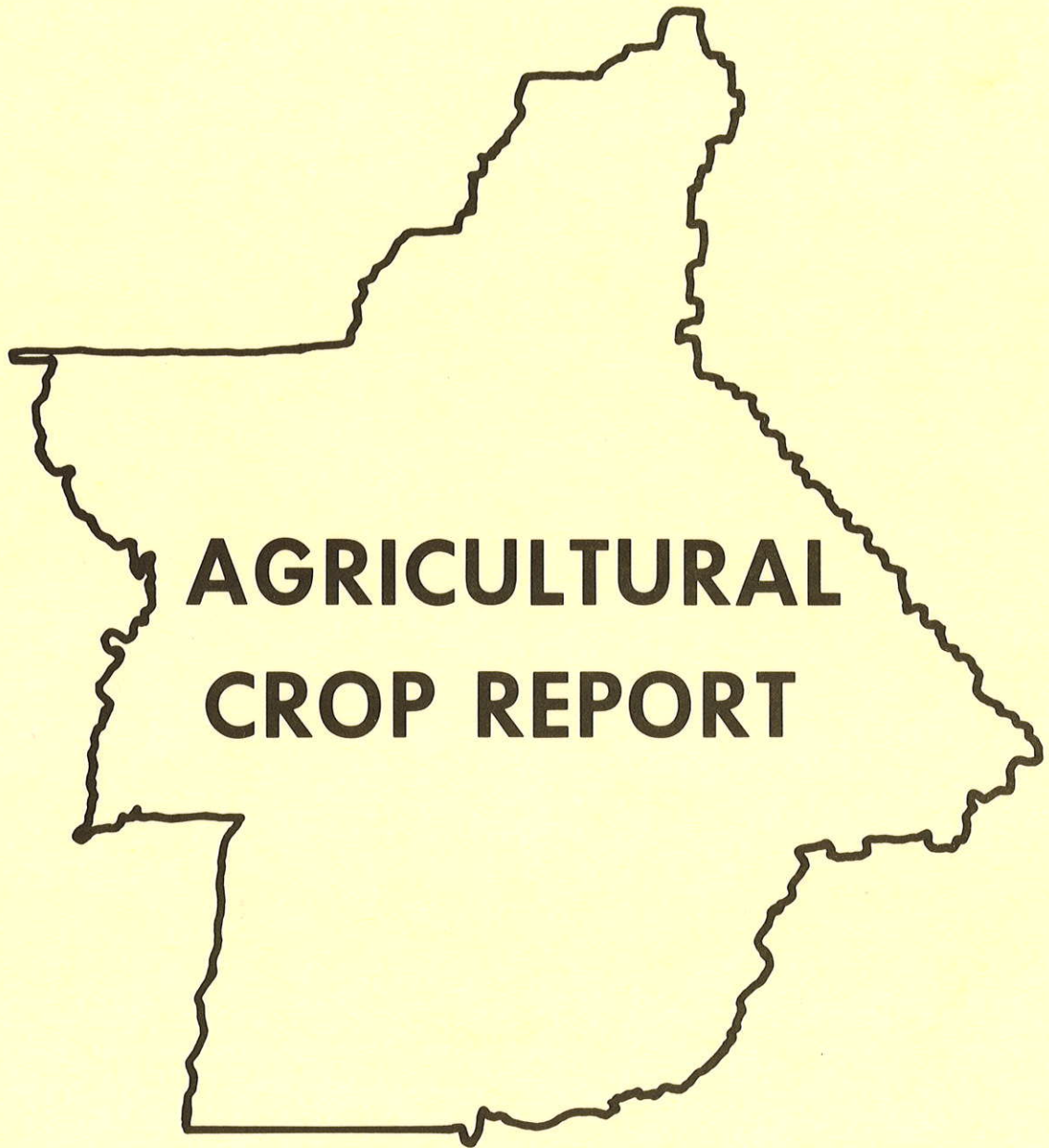
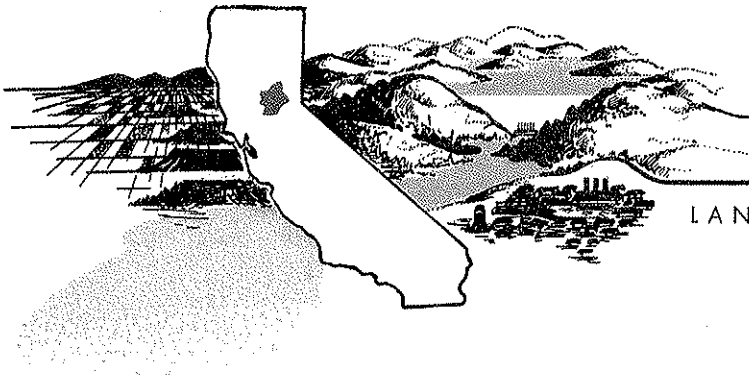


BUTTE COUNTY



1978



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
Director of Weights and Measures

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 E. Lemke, Chairman
Robert Winston
Hilda Wheeler
Bertha Moseley
Jane Dolan

In compliance with the requirement of Section 2279 of the California Food and Agricultural Code, I herewith submit the fortieth annual Crop Report of agricultural production in Butte County for the year 1978.

The 1978 gross value of agricultural products produced in Butte County totaled \$161,352, 700 which is an increase of \$17,661,500 over the 1977 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
Benny Beeman	Weed & Vertebrate Pest Control Worker
Norman Owens	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
1978

Field Crops

Values were up \$1,498,100 with barley, oats, dry land pasture, rice, sorghum grain and wheat showing increases.

Seed Crops

Values were down \$485,000 with all but vetch and wheat seed showing decreases.

Vegetable Crops

Values were up \$54,500 with all vegetables except pumpkins showing a slight increase.

Fruit and Nut Crops

Values were up \$14,548,400 with almonds and walnuts showing the largest increases.

Nursery and Apiary

Values were up \$378,000 with nursery stock, honey, beeswax, package bees and pollination showing increases.

Livestock and Poultry

Values were up \$1,667,500 with cattle, sheep and lambs, milk and wool showing increases.

The total 1978 crop commodity value increased \$17,661,500 over the 1977 value.

BUTTE COUNTY FRUIT AND NUT ACREAGE STATISTICS
1978

Orchard Crops	Bearing Acreage	Non-Bearing Acreage	Total
Almonds	30,132	1,690	31,822
Apples	228	6	234
Apricots	30	0	30
Cherries	18	0	18
Citrus			
Mandarins	50	5	55
Navels	265	7	272
Miscellaneous	5	0	5
Figs	3	0	3
Grapes (all)	1,431	0	1,431
Kiwi	51	231	282
Nectarines	4	0	4
Olives	3,819	5	3,824
Peaches, clingstone	3,059	894	3,953
Peaches, freestone	103	9	112
Pears	838	14	852
Pecans	40	41	81
Persimmons	5	1	6
Pistachio	34	264	298
Plums	8	0	8
Prunes	7,547	1,760	9,307
Walnuts, persian	10,785	1,602	12,387
Walnuts, black	<u>105</u>	<u>97</u>	<u>202</u>
Total	58,560	6,626	65,186

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Barley	1978	7,700	1.5	11,550	ton	\$ 106.00	\$ 1,224,000
	1977	8,500	1.5	12,750	ton	88.00	1,122,000
Beans, dry edible	1978	8,000	.9	7,200	ton	430.00	3,096,000
	1977	7,900	.82	6,478	ton	600.00	3,887,000
Corn	1978	3,500	3.4	11,900	ton	95.00	1,130,000
	1977	5,200	3.7	19,240	ton	83.00	1,597,000
Hay, alfalfa	1978	4,400	5.6	24,640	ton	58.00	1,429,000
	1977	4,500	5.7	25,650	ton	63.00	1,616,000
Grain	1978	2,600	1.5	3,900	ton	34.00	133,000
	1977	2,500	1.6	4,000	ton	40.00	160,000
Wild	1978	1,800	1.1	1,980	ton	25.00	49,500
	1977	1,900	1.2	2,280	ton	30.00	68,400
Oats	1978	7,000	1.0	7,000	ton	112.00	784,000
	1977	6,400	.80	5,120	ton	120.00	614,000
Pasture, Irrigated	1978	19,800			*acre	90.00	1,782,000
	1977	19,800			*acre	90.00	1,782,000
Other	1978	295,500			*acre	3.75	1,108,000
	1977	300,000			*acre	3.00	900,000
Rice	1978	87,000	2.66	231,420	ton	155.00	35,870,000
	1977	60,100	2.9	174,290	ton	190.00	33,115,000
Silage, corn	1978	900	21.8	19,620	ton	17.00	334,000
	1977	1,000	20.0	20,000	ton	20.00	400,000
Sorghum, grain	1978	2,900	2.5	7,250	ton	85.00	616,000
	1977	2,400	2.2	5,280	ton	80.00	422,000
Sugar Beets	1978	1,700	18.6	31,620	ton	24.75	783,000
	1977	3,500	25.2	88,200	ton	21.00	1,852,000
Wheat	1978	27,000	2.2	59,400	ton	105.00	6,237,000
	1977	31,000	2.1	65,100	ton	84.00	5,468,000
**Miscellaneous	1978	4,290					1,158,000
	1977	<u>3,050</u>					<u>1,232,000</u>
Total	1978	474,090					\$ 55,733,500
	1977	457,750					\$ 54,235,400

* Per acre value

**Soybeans, Safflower, Garbanza Beans and Field Crop By-Products

SEED CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Barley	1978	1,000	2,500	2,500,000	lb.	\$.06	\$ 150,000
	1977	1,100	2,100	2,310,000	lb.	.07	162,000
Beans	1978	1,500	1,700	2,550,000	lb.	.25	638,000
	1977	1,000	1,750	1,750,000	lb.	.40	700,000
Oats	1978	5,000	2,100	10,500,000	lb.	.0825	866,000
	1977	7,700	2,300	17,710,000	lb.	.095	1,682,000
Rice	1978	3,000	5,000	15,000,000	lb.	.11	1,650,000
	1977	3,300	5,000	16,500,000	lb.	.1095	1,807,000
Vetch	1978	5,000	550	2,750,000	lb.	.18	495,000
	1977	1,100	500	550,000	lb.	.27	148,000
Wheat	1978	3,100	2,950	9,145,000	lb.	.0725	663,000
	1977	2,300	2,900	6,670,000	lb.	.06	400,000
*Miscellaneous	1978	1,200					821,000
	1977	<u>1,400</u>					<u>869,000</u>
Total	1978	19,800					\$ 5,283,000
	1977	17,900					\$ 5,768,000

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

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
*Miscellaneous	1978	1,325					\$ 1,445,500
	1977	1,277					\$ 1,391,000

*Corn, Cucumbers, Melons, Onions, Pumpkins, Squash and Tomatoes

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Bearing Acreage	Production		Unit	Per Unit	Value	
			Per Acre	Total			Per Unit	Total
Almond (Meats)	1978	30,132	.43	12,957	ton	\$ 2,750.00	\$ 35,632,000	
	1977	28,176	.52	14,652	ton	1,941.13	28,441,000	
Hulls	1978			32,400	ton	30.90	1,001,000	
	1977			36,276	ton	26.00	943,000	
Apples	1978	228	4.9	1,117	ton	236.00	264,000	
	1977	228	4.6	1,049	ton	200.00	210,000	
Olives	1978	3,819	1.6	6,110	ton	185.00	1,130,000	
	1977	3,913	1.3	5,087	ton	390.00	1,984,000	
Oranges, Navel	1978	265	4.5	1,193	ton	325.00	388,000	
	1977	274	4.5	1,233	ton	200.00	247,000	
Mandarins & Tangerines	1978	50	4.0	200	ton	450.00	90,000	
	1977	48	3.5	168	ton	277.00	46,500	
Peaches, Clingstone	1978	3,059	14.0	42,826	ton	139.50	5,974,000	
	1977	3,307	16.0	52,912	ton	127.50	6,746,000	
Freestone	1978	103	10.0	1,030	ton	225.00	232,000	
	1977	108	12.0	1,296	ton	175.00	227,000	
Pears	1978	838	8.6	7,207	ton	182.50	1,315,000	
	1977	880	8.5	7,480	ton	120.00	898,000	
Prunes, dried	1978	7,547	2.1	15,849	ton	665.00	10,540,000	
	1977	7,523	3.0	22,569	ton	488.00	11,014,000	
Walnuts, Persian	1978	10,785	1.31	14,128	ton	1,350.00	19,073,000	
	1977	10,169	1.5	15,254	ton	725.00	11,059,000	
*Miscellaneous	1978	1,734					2,258,000	
	1977	<u>1,715</u>					<u>1,533,100</u>	
Total	1978	58,560					\$ 77,897,000	
	1977	56,341					\$ 63,348,600	

*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	1978	26,500	37.0	2,037,000	plant	\$ 1,077,000
	1977	26,000	24.0	1,926,000	plant	958,000

*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	1978	184,850	lb.	\$.44	\$	81,000
	1977	160,000	lb.	.43		68,800
Beeswax	1978	3,700	lb.	1.75		6,500
	1977	2,700	lb.	1.75		4,700
Package Bees	1978	127,500	lb.	4.50		574,000
	1977	113,500	lb.	4.50		511,000
Queen Bees	1978	62,400	each	5.00		312,000
	1977	65,000	each	5.00		325,000
Pollination	1978	78,600	colony	8.30		652,000
	1977	56,400	colony	8.25		465,000
Nuclei	1978	2,000		14.15		28,000
	1977	1,450		14.00		20,000
Total	1978				\$	1,653,500
	1977				\$	1,394,500

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	Production		Unit	Per Unit	Value
		No. of Head	Total Live Weight			Total
Cattle and Calves	1978	30,000	240,000	cwt.	\$ 48.90	\$ 11,736,000
	1977	35,600	284,800	cwt.	35.50	10,110,000
Sheep and Lambs	1978	9,000	11,250	cwt.	60.80	684,000
	1977	9,000	11,250	cwt.	54.00	608,000
Hogs and Pigs	1978	8,500	25,500	cwt.	48.30	1,232,000
	1977	9,800	29,400	cwt.	42.00	1,235,000
*Miscellaneous	1978					810,000
	1977					<u>652,000</u>
Total	1978					\$ 14,462,000
	1977					\$ 12,605,000

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

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Per Unit	Value
					Total
Milk, Market	1978	180,000	cwt.	\$ 10.22	\$ 1,840,000
	1977	180,000	cwt.	9.89	1,780,000
Manufacturing	1978	58,600	cwt.	8.49	497,500
	1977	59,600	cwt.	8.15	486,000
Eggs, Chicken Market	1978	2,922,000	doz.	.48	1,403,000
	1977	3,637,000	doz.	.46	1,673,000
Wool	1978	78,800	lb.	.77	60,700
	1977	68,000	lb.	.76	<u>51,700</u>
Total	1978				\$ 3,801,200
	1977				\$ 3,990,700

JANUARY 1 INVENTORIES OF LIVESTOCK AND POULTRY

	1979	1978
Cattle and Calves, All	35,000	44,200
Milk cows 2 years and over	2,200	2,200
Cattle and Calves in feed lots	600	500
Sheep and Lambs, All	9,000	9,900
Stock Sheep	650	550
Hogs and Pigs, All	6,000	5,400
Hens and Pullets of laying age	250,000	303,000

FIVE YEAR SUMMARY OF CROP VALUES

Commodities	1974	1975	1976	1977	1978
Field Crops	\$ 69,462,000	\$ 65,094,000	\$ 56,091,000	\$ 54,235,400	\$ 55,733,500
Seed Crops	3,645,800	6,087,000	5,936,000	5,768,000	5,283,000
Vegetable Crops	733,600	1,484,200	1,428,000	1,391,000	1,445,500
Fruit and Nut Crops	37,587,300	36,277,700	46,121,100	63,348,600	77,897,000
Nursery Stock	790,600	1,278,000	1,452,200	958,000	1,077,000
Livestock and Poultry	*13,525,900	14,304,600	14,753,800	16,595,700	18,263,200
Apiary Products	<u>1,011,800</u>	<u>1,234,400</u>	<u>1,451,700</u>	<u>1,394,500</u>	<u>1,653,500</u>
Grand Total	** 126,757,000	\$ 125,759,900	\$ 127,233,800	\$ 143,691,200	\$ 161,352,700

FIVE YEAR SUMMARY OF PLANT CROP ACREAGES

Commodities	1974	1975	1976	1977	1978
Field Crops	507,300	518,330	489,010	457,750	474,090
Seed Crops	7,600	14,465	20,108	17,900	19,800
Vegetable Crops	1,460	1,965	1,923	1,277	1,325
Fruit and Nut Crops	<u>50,592</u>	<u>51,586</u>	<u>54,029</u>	<u>56,341</u>	<u>58,560</u>
Grand Total	566,952	586,346	565,070	533,268	553,775

*Revised