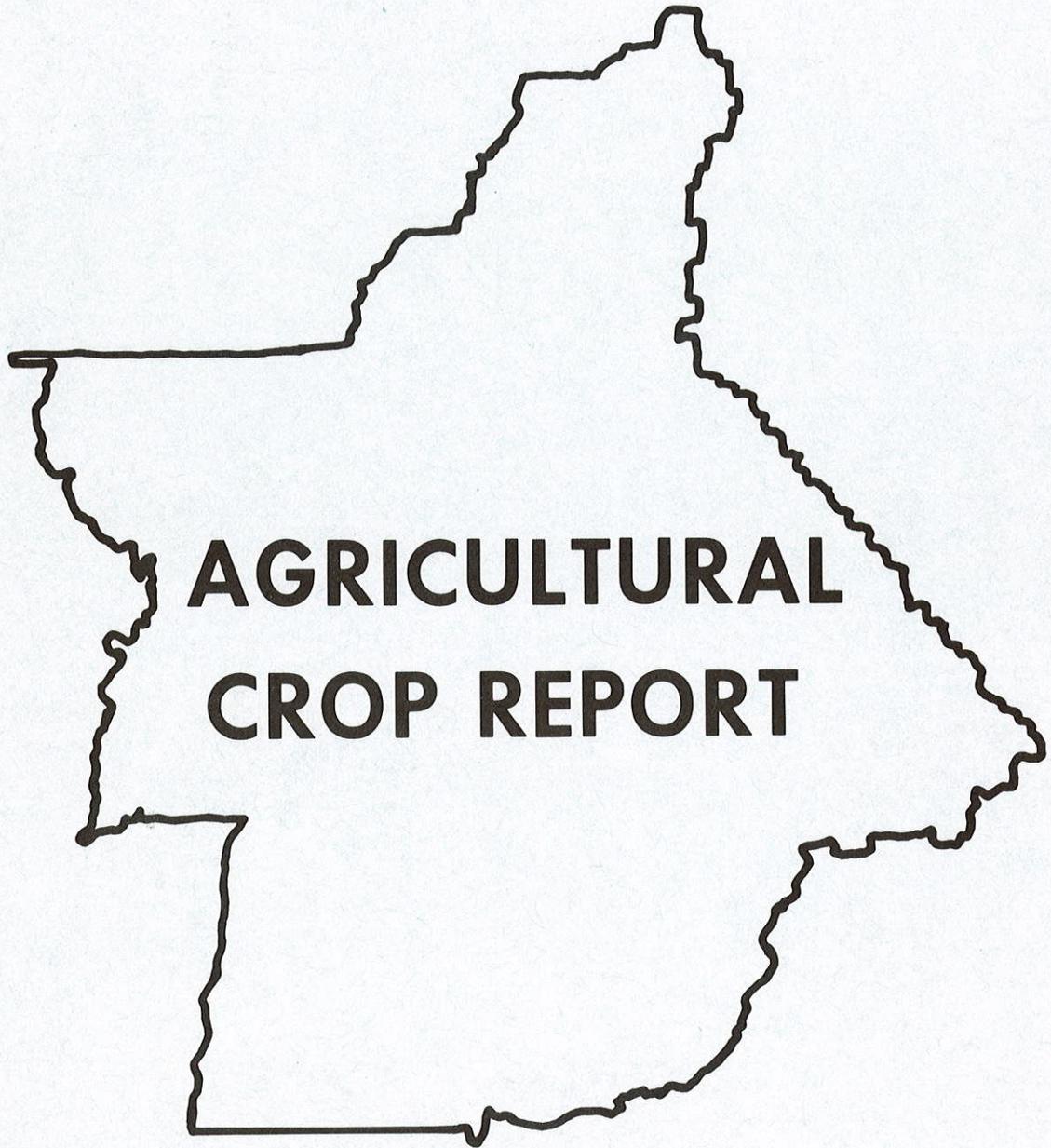


BUTTE COUNTY



AGRICULTURAL CROP REPORT

1983



Butte County

LAND OF NATURAL WEALTH AND BEAUTY

OFFICES OF AGRICULTURAL COMMISSIONER AND AIR POLLUTION CONTROL

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JOE E. BANDY
Agricultural Commissioner
Air Pollution Control Officer
Director of Weights and Measures

JOE CARLILE
Assistant Agricultural Commissioner
Assistant Air Pollution Control Officer

Clare L. Berryhill, Director
California Department of Food and Agriculture

The Honorable Board of Supervisors
County of Butte

Al Saraceni - District 1 - Chairperson
Jane Dolan - District 2
Bertha Moseley - District 4
Hilda Wheeler - District 3
Len Fulton - District 5

In compliance with the requirement of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the forty-fifth annual Crop Report of Agricultural Production in Butte County for the year 1983.

The 1983 estimated gross value of agricultural products produced in Butte County totaled \$150,031,000, which is a decrease of \$42,500,000 from the 1982 production year total of \$192,531,000. This decrease in agricultural returns is a result of grower participation in Federal programs that idled some 69,000 acres of cropland, floods and late rain storms that reduced crop yields and prevented the planting of a considerable amount of crop land throughout the County and, of course, the ever uncertain market prices for 1983-produced farm commodities.

Tree and vine growers throughout the County have lost substantial numbers of mature plants that were commercially productive. Such losses have costly long-term reduction effects on crop yields.

Please note that only gross values are utilized in this report and they do not reflect actual 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, with special thanks to Dennis Pooler and Harrie Riley, for their efforts in the completion of this report.

Respectfully submitted,

Joe E. Bandy
Agricultural Commissioner



This report is dedicated to Joe R. Carlile in recognition of more than twenty years of outstanding service to Agriculture and the people of Butte County.

We, the members of the office of the Agricultural Commissioner, appreciate his many contributions and dedicated professionalism.

PERSONNEL

Joe E. Bandy
Agricultural Commissioner

Joe Carlile (Ret.)
Assistant Agricultural Commissioner

Harrie Riley
Deputy Agricultural Commissioner

OROVILLE DISTRICT

Dennis Pooler	Agricultural Biologist III
Paul Bert	Agricultural Pest Control Worker
David Castillo	Agricultural Pest Control Worker
Keith Jones	Agricultural Pest Control Worker
John Rogers	Hunter/Trapper
Marion Brenden	Secretary I
June Markgraf	Typist Clerk II
Lorraine Lake	Typist Clerk I

CHICO DISTRICT

Tom Dowd	Agricultural Biologist III
Sterling Mattoon	Agricultural Biologist III
Robert Voorhees	Agricultural Biologist III
Arlyn Beneke	Agricultural Biologist II
Bob Dodd	Agricultural Biologist II
Nola Palmer	Agricultural Biologist II

GRIDLEY DISTRICT

Mike Stewart	Agricultural Biologist III
Nick Surjan	Agricultural Biologist II

CROP SUMMARY
1983

Field Crops

Values were down \$18,136,000 with rice and wheat showing the largest decreases.

Seed Crops

Values were down \$3,294,000 with most seed crops showing decreases.

Vegetable Crops

Values were up \$150,000 with most vegetables showing increases.

Fruit and Nut Crops

Values were down \$19,782,000 with almonds, cling peaches, olives, pears, prunes and walnuts showing the largest decreases.

Nursery Stock

Values were up \$104,000 with most nursery stock showing increases.

Apiary Products

Values were down \$53,000 with honey and package bees showing the largest decreases.

Livestock and Poultry

Values were down \$1,132,000 with most livestock and poultry showing decreases.

Timber Harvest

Values for timber harvest for 1982 were \$3,981,000. This is a decrease of \$357,000 from 1981. Immediate past year figures not available at time of publication.

The total 1983 Crop Commodity Value decreased \$42,500,000 from the 1982 value. Please note that 1982 timber harvest was included in 1983 total figure.

BUTTE COUNTY FRUIT AND NUT ACREAGE STATISTICS
1983

Orchard Crops	Bearing Acreage	Non-Bearing Acreage	Total
Almond	31,523	5,880	37,403
Apples	183	1	184
Apricots	26	6	32
Avocado	3	0	3
Cherries	2	0	2
<u>Citrus</u>			
Mandarins	52	1	53
Navels & Valencias	238	4	242
Grapes (all)	545	2	547
Guava	0	13	13
Kiwi fruit	587	623	1,210
Nectarines	3	0	3
Olives	3,122	12	3,134
Peaches, clingstone	1,778	306	2,084
Peaches, freestone	103	8	111
Pears	195	16	211
Pecans	54	3	57
Persimmons	7	1	8
Pistachio	411	96	507
Plums	4	0	4
Prunes	8,090	1,898	9,988
Walnuts, English	11,759	2,980	14,739
Walnuts, Black	<u>71</u>	<u>206</u>	<u>277</u>
Total	58,756	12,056	70,812

Acres may vary from state report

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Production		Unit	Per Unit	Total
			Per Acre	Total			
Barley	1983	2,700	1.26	3,400	ton	\$129.00	\$ 439,000
	1982	3,800	1.37	5,200	ton	115.00	598,000
Beans, dry edible	1983	2,600	1.09	2,834	ton	695.00	1,970,000
	1982	5,000	.90	4,500	ton	400.00	1,800,000
Corn	1983	2,900	3.55	10,300	ton	139.00	1,432,000
	1982	4,000	3.9	15,600	ton	101.00	1,576,000
Hay, alfalfa	1983	3,600	5.9	21,240	ton	94.00	1,997,000
	1982	3,300	6.0	19,800	ton	88.00	1,742,000
Grain	1983	3,200	2.1	6,720	ton	60.00	403,000
	1982	3,900	2.5	9,750	ton	60.00	585,000
Wild	1983	5,900	1.4	8,260	ton	43.00	355,000
	1982	4,200	1.5	6,300	ton	44.00	277,000
Oats	1983	2,400	.99	2,380	ton	135.00	321,000
	1982	4,500	1.0	4,500	ton	120.00	540,000
Pasture, irrigated	1983	19,700			*acre	106.00	2,088,000
	1982	19,700			*acre	107.00	2,108,000
Other	1983	290,000			*acre	6.00	1,740,000
	1982	293,000			*acre	5.75	1,685,000
Rice	1983	61,600	3.68	226,690	ton	172.00	38,991,000
	1982	100,700	3.6	362,520	ton	146.00	52,928,000
Sorghum, grain	1983	2,700	2.52	6,800	ton	112.00	762,000
	1982	4,000	2.44	9,760	ton	95.00	927,000
Sugar Beets	1983	1,700	16.4	29,900	ton	36.10	1,079,000
	1982	2,100	19.3	40,530	ton	30.40	1,232,000
Wheat	1983	17,500	1.65	28,900	ton	129.00	3,728,000
	1982	28,000	2.0	56,000	ton	124.00	6,944,000
**Miscellaneous	1983	-					761,000
	1982	-					992,000
Total	1983	416,500					\$56,066,000
	1982	481,650					\$74,202,000

* Per acre value

** corn silage, safflower, wild rice and field crop by-products.

SEED CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Production			Value		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Barley	1983	1,200	2,400	2,880,000	lb.	.08	\$ 230,000
	1982	1,500	2,600	3,900,000	lb.	.08	312,000
Beans	1983	1,350	1,240	1,674,000	lb.	.45	753,000
	1982	2,700	1,700	4,590,000	lb.	.32	1,469,000
Oats	1983	1,300	800	1,040,000	lb.	.09	94,000
	1982	2,400	2,000	4,800,000	lb.	.13	624,000
Rice	1983	2,900	6,700	19,430,000	lb.	.11	2,137,000
	1982	4,800	6,400	30,720,000	lb.	.10	3,072,000
Vetch	1983	1,900	600	1,140,000	lb.	.19	217,000
	1982	1,900	550	1,045,000	lb.	.19	199,000
Wheat	1983	1,700	2,800	4,760,000	lb.	.10	476,000
	1982	2,900	3,000	8,700,000	lb.	.10	870,000
*Miscellaneous	1983	1,700					1,325,000
	1982	3,300					1,980,000
Total	1983	12,100					\$5,232,000
	1982	19,500					\$8,526,000

*Melons and Cucurbits, Peas, and Sunflower.

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Production			Value		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
*Miscellaneous	1983	1,200					\$1,250,000
	1982	1,100					\$1,100,000

*Corn, Cucumbers, Melons, Onions, Pumpkin, Squash and Tomatoes.

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

	Year	Bearing Acreage	Production		Unit	Per Unit	Total
			Per Acre	Total			
Almond	1983	31,523	.27	8,510	ton	\$2,300.00	\$19,573,000
	1982	30,633	.52	15,929	ton	1,770.00	28,194,000
Hulls	1983			10,644	ton	59.00	628,000
	1982			20,000	ton	28.00	560,000
Apples (ALL)	1983	183	8.6	1,576	ton	184.00	290,000
	1982	189	8.1	1,531	ton	180.00	276,000
Kiwifruit	1983	587	6.3	3,698	ton	2,260.00	8,357,000
	1982	448	7.5	3,360	ton	2,000.00	6,720,000
Olives	1983	3,122	1.14	3,549	ton	479.00	1,700,000
	1982	2,631	2.27	5,972	ton	485.00	2,896,000
Oranges	1983	238	4.86	1,158	ton	234.00	271,000
	1982	247	5.33	1,317	ton	215.00	283,000
Mandarins & Tangerines	1983	52	4.21	219	ton	292.00	64,000
	1982	51	4.0	204	ton	405.00	83,000
Peaches, Clingstone	1983	1,778	10.5	18,669	ton	148.00	2,763,000
	1982	2,114	14.2	30,019	ton	166.00	4,983,000
Prunes, dried	1983	8,090	2.0	16,180	ton	635.00	10,274,000
	1982	7,891	2.2	17,360	ton	660.00	11,458,000
Walnuts English	1983	11,759	1.7	19,990	ton	630.00	12,594,000
	1982	11,700	1.6	18,720	ton	1,082.00	20,255,000
*Miscellaneous	1983	1,361					984,000
	1982	985					725,000
Total	1983	58,693					\$57,498,000
	1982	57,364					77,280,000

*Apricots, avocados, Black Walnuts, Cherries, Grapes,
Nectarines, Peaches (freestone), Pears, Pecans, Persimmons,
Pistachio, Plums

Acres may vary from state report.

NURSERY PRODUCTS: PRODUCTION AREA, SALES AND VALUE

Item	Year	Production Area		Sold by Producers	Unit	Total
		House Sq.Ft.	Field Acres			
*Nursery Stock	1983	71,000	48.0	2,503,000	plants	\$2,911,000
	1982	50,000**	47.0	2,106,000	plants	\$2,807,000

*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, specimen olive trees.

**Revised in 1983

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production Total	Unit	Value	
				Unit	Total
Honey	1983	12,540	lb.	.60	\$ 7,500
	1982	24,200	lb.	.58	14,000
Beeswax	1983	- Insignificant amount reported.			
	1982	- Insignificant amount reported.			
Package Bees	1983	42,600	lb.	6.45	275,000
	1982	65,000	lb.	6.40	416,000
Queen Bees	1983	31,300	each	5.75	180,000
	1982	32,500	each	5.85	190,000
Pollination	1983	54,595	colony	17.10	933,600
	1982	46,100	colony	18.00	830,000
Nuclei	1983	2,050	each	20.00	41,000
	1982	2,000	each	20.00	40,000
Total	1983				\$1,437,000
	1982				\$1,490,000

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	Total Live Weight	Unit	Per Unit	Value
						Total
Cattle and Calves	1983	34,500	276,000	cwt	\$53.30	\$14,711,000
	1982	35,000	280,000	cwt	54.10	\$15,148,000
Sheep and Lambs	1983	9,500	10,450	cwt	56.40	589,000
	1982	9,800	11,760	cwt	55.80	656,000
Hogs and Pigs	1983	7,900	23,700	cwt	51.50	1,221,000
	1982	7,900	23,700	cwt	58.20	1,379,000
*Miscellaneous	1983					778,000
	1982					752,000
Total	1983					\$17,299,000
	1982					\$17,935,000

*Catfish, Meat Poultry, Pheasant, Pullet Replacements, Rabbits.

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Per Unit	Value
					Total
*Milk, Market	1983	220,000	cwt.	\$12.94	\$2,847,000
	1982	226,000	cwt.	13.22	2,988,000
*Manufacturing	1983	33,000	cwt.	12.13	400,000
	1982	36,000	cwt.	12.42	447,000
Eggs, Chicken Market	1983	1,398,000	doz.	.76	1,062,000
	1982	2,061,000	doz.	.66	1,360,000
Wool	1983	73,800	lb.	.65	48,000
	1982	82,500	lb.	.70	58,000
Total	1983				\$4,357,000
	1982				\$4,853,000

*California Crop and Livestock Reporting Service Figure.

TIMBER HARVEST, PRODUCTION AND VALUE

Year	*Production-Board Feet	Value
**1982	48,190,000	\$3,981,000
**1981	32,122,000	\$4,338,000

*Board feet is the Quantity of timber cut and scaled

**Data for timber production and value provided by State Board of Equalization, Timber Tax Division. Immediate past year figures not available at time of publication.

JANUARY 1 ESTIMATED INVENTORIES OF LIVESTOCK AND POULTRY

	1984	1983
Cattle and Calves	31,000	35,000
Milk cows 2 years and over	1,500	1,400
Sheep and Lambs, All	8,800	8,800
Hogs and Pigs, All	7,400	7,700
Hens and Pullets of laying age	90,000	150,000

FIVE YEAR SUMMARY OF CROP VALUES

Commodities	1979	1980	1981	1982	1983
Field Crops	\$ 81,153,000	\$104,680,000	\$102,838,000	\$ 74,202,000	\$ 56,066,000
Seed Crops	8,919,000	9,853,000	10,764,000	8,526,000	5,232,000
Vegetable Crops	1,500,000	1,100,000	1,600,000	1,100,000	1,250,000
Fruit and Nut Crops	108,548,000	85,971,000	88,931,000	77,280,000	57,498,000
Nursery Stock	1,021,000	1,399,000	2,057,000	2,807,000	2,911,000
Livestock and Poultry	23,307,000	23,565,000	22,310,000	22,788,000	21,656,000
Apiary Products	2,110,600	2,620,800	1,947,000	1,490,000	1,437,000
Subtotal			\$230,447,000	\$188,193,000	\$146,050,000
Timber	-	-	5,313,000	4,338,000	3,981,000
Grand Total	<u>\$226,558,600</u>	<u>\$229,188,800</u>	<u>\$235,760,000</u>	<u>\$192,531,000</u>	<u>\$150,031,000</u>

FIVE YEAR SUMMARY OF PLANT CROP ACREAGES

Commodities	1979	1980	1981	1982	1983
Field Crops	483,450	491,200	503,400	481,650	416,500
Seed Crops	21,000	17,500	20,300	19,500	12,100
Vegetable Crops	1,400	1,100	1,600	1,100	1,200
Fruit and Nut Crops	60,243	60,630	57,390	57,364	58,756
Grand Total	<u>566,093</u>	<u>570,430</u>	<u>582,690</u>	<u>559,614</u>	<u>488,556</u>