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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Butte County

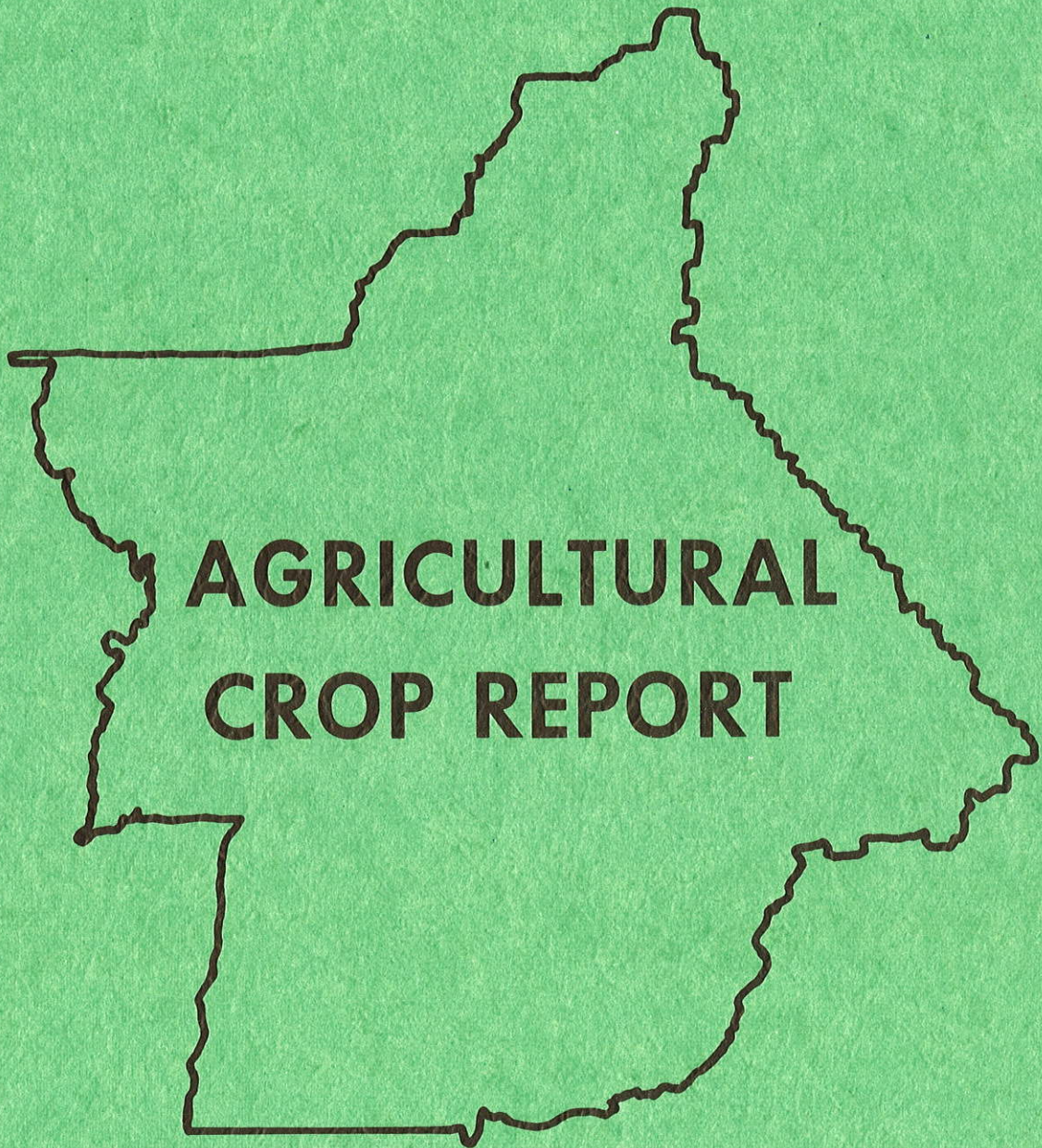
1982-1984

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

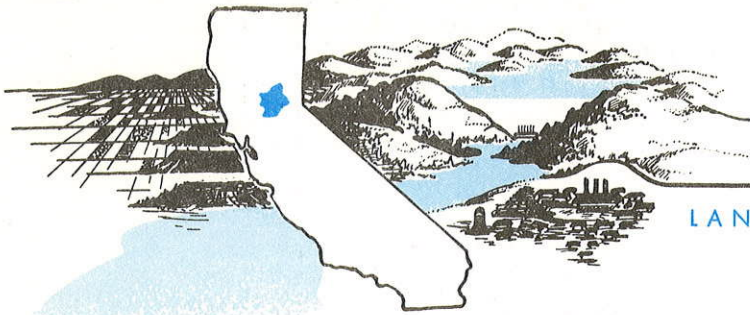
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# **BUTTE COUNTY**



**1982**



# 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

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

The Honorable Board of Supervisors  
County of Butte

Jane Dolan - District 2, Chairperson  
Al Saraceni - District 1                      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 herewith submit the forty-fourth annual Crop Report of Agricultural production in Butte County for the year 1982.

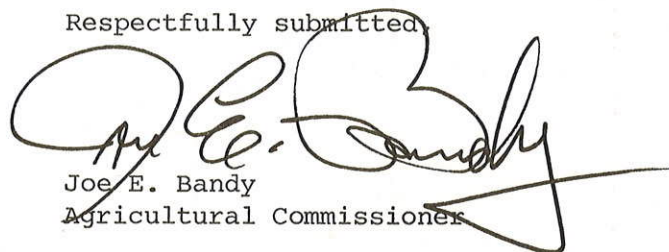
The 1982 estimated gross value of agricultural products produced in Butte County totaled \$192,531,000, which is a decrease of \$43,229,000 from the 1981 production year total of \$235,760,000. This decrease in agricultural returns is a result of a combination of reduced production yields, depressed farm prices, and the late-wet spring and early-wet fall of 1982, which caused damage and losses to most segments of Butte County Agriculture.

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 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

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

CHICO DISTRICT

Sterling Mattoon	Agricultural Biologist III
Leslie Going	Agricultural Biologist III
Robert Voorhees	Agricultural Biologist III
Tom Dowd	Agricultural Biologist II
Arlyn Beneke	Agricultural Biologist II
Bob Dodd	Agricultural Biologist II

GRIDLEY DISTRICT

Mike Stewart	Agricultural Biologist III
Nick Surjan	Agricultural Biologist II

CROP SUMMARY  
1982

Field Crops

Values were down \$28,636,000 with beans, rice and wheat showing the largest decreases

Seed Crops

Values were down \$2,238,000 with all seed crops showing decreases.

Vegetable Crops

Values were down \$500,000 with most vegetables showing decreases.

Fruit and Nut Crops

Values were down \$11,651,000 with almonds, cling peaches, pears and prunes showing the largest decreases.

Nursery Stock

Values were up \$750,000 with most nursery stock showing increases.

Apiary Products

Values were down \$457,000 with package bees, Queen bees and pollination showing decreases.

Livestock and Poultry

Values were up \$478,000 with sheep and lambs, hogs and pigs, market milk, manufacturing milk and eggs showing increases.

Timber Harvest

Values for timber harvest for 1981 were \$4,338,000. This is a decrease of \$975,000 from 1980. Immediate past year figures not available at time of publication.

The total 1982 Crop Commodity Value decreased \$43,229,000 from the 1981 value. Please note that 1981 timber harvest was included in 1982 total figure.

BUTTE COUNTY FRUIT AND NUT ACREAGE STATISTICS  
1982

Orchard Crops	Bearing Acreage	Non-Bearing Acreage	Total
Almond	30,633	6,182	36,815
Apples	189	0	189
Apricots	26	6	32
Avocado	3	0	3
Cherries	8	0	8
<u>Citrus</u>			
Mandarins	51	2	53
Navels & Valencias	247	4	251
Grapes (all)	491	100	591
Kiwi fruit	448	623	1071
Nectarines	7	0	7
Olives	2,631	12	2,643
Peaches, clingstone	2,114	531	2,645
Peaches, freestone	105	10	115
Pears	370	16	386
Pecans	56	3	59
Persimmons	7	0	7
Pistachio	311	76	387
Plums	4	0	4
Prunes	7,891	1,500	9,391
Walnuts, English	11,700	2,728	14,428
Walnuts, Black	<u>72</u>	<u>206</u>	<u>278</u>
Total	57,364	11,999	69,363

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	1982	3,800	1.37	5,200	ton	\$115.00	598,000
	1981	3,800	1.4	5,320	ton	129.00	686,000
Beans, dry edible	1982	5,000	.90	4,500	ton	400.00	1,800,000
	1981	5,500	.88	4,840	ton	610.00	2,952,000
Corn	1982	4,000	3.9	15,600	ton	101.00	1,576,000
	1981	3,900	3.9	15,210	ton	120.00	1,825,000
Hay, alfalfa	1982	3,300	6.0	19,800	ton	88.00	1,742,000
	1981	3,600	5.9	21,240	ton	79.00	1,678,000
Grain	1982	3,900	2.5	9,750	ton	60.00	585,000
	1981	3,200	2.2	7,040	ton	57.00	401,000
Wild	1982	4,200	1.5	6,300	ton	44.00	277,000
	1981	2,700	1.3	3,510	ton	43.00	151,000
Oats	1982	4,500	1.0	4,500	ton	120.00	540,000
	1981	4,700	.96	4,512	ton	159.00	717,000
Pasture, irrigated	1982	19,700			*acre	107.00	2,108,000
	1981	19,800			*acre	105.00	2,079,000
Other	1982	293,000			*acre	5.75	1,685,000
	1981	295,000			*acre	5.00	1,475,000
Rice	1982	100,700	3.6	362,520	ton	146.00	52,928,000
	1981	109,000	3.5	381,500	ton	193.00	73,630,000
Silage, corn	1982	750	21.0	15,750	ton	17.00	268,000
	1981	800	20.0	16,000	ton	20.00	320,000
Sorghum, grain	1982	4,000	2.44	9,760	ton	95.00	927,000
	1981	3,500	2.4	8,400	ton	100.00	840,000
Sugar Beets	1982	2,100	19.3	40,530	ton	30.40	1,232,000
	1981	2,500	22.8	57,000	ton	32.00	1,824,000
Wheat	1982	28,000	2.0	56,000	ton	124.00	6,944,000
	1981	40,000	2.4	96,000	ton	135.00	12,960,000
**Miscellaneous	1982	4,700					992,000
	1981	5,400					1,300,000
Total	1982	481,650					74,202,000
	1981	503,400					102,838,000

\*Per acre value

\*\*Safflower, wild rice, 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	1982	1,500	2,600	3,900,000	lb.	.08	\$ 312,000
	1981	1,400	2,800	3,920,000	lb.	.08	314,000
Beans	1982	2,700	1,700	4,590,000	lb.	.32	1,469,000
	1981	3,100	1,800	5,580,000	lb.	.33	1,841,000
Oats	1982	2,400	2,000	4,800,000	lb.	.13	624,000
	1981	3,200	2,100	6,720,000	lb.	.15	1,008,000
Rice	1982	4,800	6,400	30,720,000	lb.	.10	3,072,000
	1981	4,800	6,200	29,760,000	lb.	.135	4,018,000
Vetch	1982	1,900	550	1,045,000	lb.	.19	199,000
	1981	2,200	600	1,320,000	lb.	.20	264,000
Wheat	1982	2,900	3,000	8,700,000	lb.	.10	870,000
	1981	3,400	3,100	10,540,000	lb.	.11	1,159,000
*Miscellaneous	1982	3,300					1,980,000
	1981	2,200					2,160,000
Total	1982	19,500					\$8,526,000
	1981	20,300					\$10,764,000

\*Melons and Cucurbits, Peas, and Sunflower.

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
*Miscellaneous	1982	1,100					\$1,100,000
	1981	1,600					\$1,600,000

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

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Bearing Acreage	Production		Unit	Per Unit	Total
			Per Acre	Total			
Almond	1982	30,633	.52	15,929	ton	\$1,770.00	\$28,194,000
	1981	30,200	.85	25,670	ton	1,500.00	38,505,000
Hulls	1982			20,000	ton	28.00	560,000
	1981			32,000	ton	25.00	800,000
Apples (ALL)	1982	189	8.1	1,531	ton	180.00	276,000
	1981	174	7.8	1,357	ton	165.00	224,000
Kiwifruit	1982	448	7.5	3,360	ton	2,000.00	6,720,000
	1981	- Included in Miscellaneous					
Olives	1982	2,631	2.27	5,972	ton	485.00	2,896,000
	1981	2,631	1.34	3,526	ton	670.00	2,362,000
Oranges	1982	247	5.33	1,317	ton	215.00	283,000
	1981	235	5.75	1,351	ton	250.00	338,000
Mandarins & Tangerines	1982	51	4.0	204	ton	405.00	83,000
	1981	51	4.88	249	ton	355.00	88,000
Peaches, Clingstone	1982	2,114	14.2	30,019	ton	166.00	4,983,000
	1981	2,777	15.0	41,655	ton	165.00	6,873,000
Freestone	1982	105	12.0	1,260	ton	295.00	372,000
	1981	77	12.0	924	ton	364.00	336,000
Pears	1982	370	9.5	3,515	ton	135.00	475,000
	1981	685	13.0	8,905	ton	163.00	1,452,000
Prunes, dried	1982	7,891	2.2	17,360	ton	660.00	11,458,000
	1981	7,742	3.1	24,000	ton	690.00	16,560,000
Walnuts, English	1982	11,700	1.6	18,720	ton	1,082.00	20,255,000
	1981	11,459	1.41	16,157	ton	958.00	15,478,000
*Miscellaneous	1982	985					725,000
		<u>1,359</u>					<u>5,915,000</u>
Total	1982	57,364					\$77,280,000
	1981	57,390					\$88,931,000

\*Apricots, Avocados, Black Walnuts, Cherries, Grapes, Nectarines, 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	1982	27,000	47.0	2,106,000	plant	\$2,807,000
	1981	25,700	46.0	2,580,000	plant	\$2,057,000

\*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.

APIARY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production Total	Unit	Value	
				Unit	Total
Honey	1982	24,200	lb.	.58	\$ 14,000
	1981	18,500	lb.	.78	14,000
Beeswax	1982	- Insignificant amount reported.			
	1981	1,100	lb.	2.80	3,000
Package Bees	1982	65,000	lb.	6.40	416,000
	1981	79,000	lb.	6.00	474,000
Queen Bees	1982	32,500	each	5.85	190,000
	1981	47,000	each	6.00	282,000
Pollination	1982	46,100	colony	18.00	830,000
	1981	61,500	colony	18.50	1,138,000
Nuclei	1982	2,000	each	20.00	40,000
	1981	1,800	each	20.00	36,000
Total	1982				\$1,490,000
	1981				\$1,947,000

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	Total Live Weight	Unit	Per Unit	Value
						Total
Cattle and Calves	1982	35,000	280,000	cwt	\$54.10	\$15,148,000
	1981	33,000	264,000	cwt	57.40	15,154,000
Sheep and Lambs	1982	9,800	11,760	cwt	55.80	656,000
	1981	9,800	10,780	cwt	56.30	607,000
Hogs and Pigs	1982	7,900	23,700	cwt	58.20	1,379,000
	1981	8,000	24,000	cwt	48.00	1,152,000
*Miscellaneous	1982					752,000
	1981					779,000
Total	1982					\$17,935,000
	1981					\$17,692,000

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

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	Per Unit	Value
					Total
*Milk, Market	1982	226,000	cwt	\$13.22	\$2,988,000
	1981	218,000	cwt	13.38	2,917,000
*Manufacturing	1982	36,000	cwt	12.42	447,000
	1981	29,400	cwt	12.55	369,000
Eggs, Chicken Market	1982	2,061,000	doz.	.66	1,360,000
	1981	1,972,000	doz.	.64	1,262,000
Wool	1982	82,500	lb.	.70	58,000
	1981	79,000	lb.	.88	70,000
Total	1982				\$4,853,000
	1981				\$4,618,000

\*California Crop and Livestock Reporting Service Figure.

TIMBER HARVEST, PRODUCTION AND VALUE

Year	*Production-Board Feet	Value
**1981	32,122,000	\$4,338,000
**1980	42,650,000	\$5,313,000

\*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

	1983	1982
Cattle and Calves	35,000	35,500
Milk cows 2 years and over	1,400	1,700
Sheep and Lambs, All	8,800	9,800
Hogs and Pigs, All	7,700	7,800
Hens and Pullets of laying age	150,000	220,000

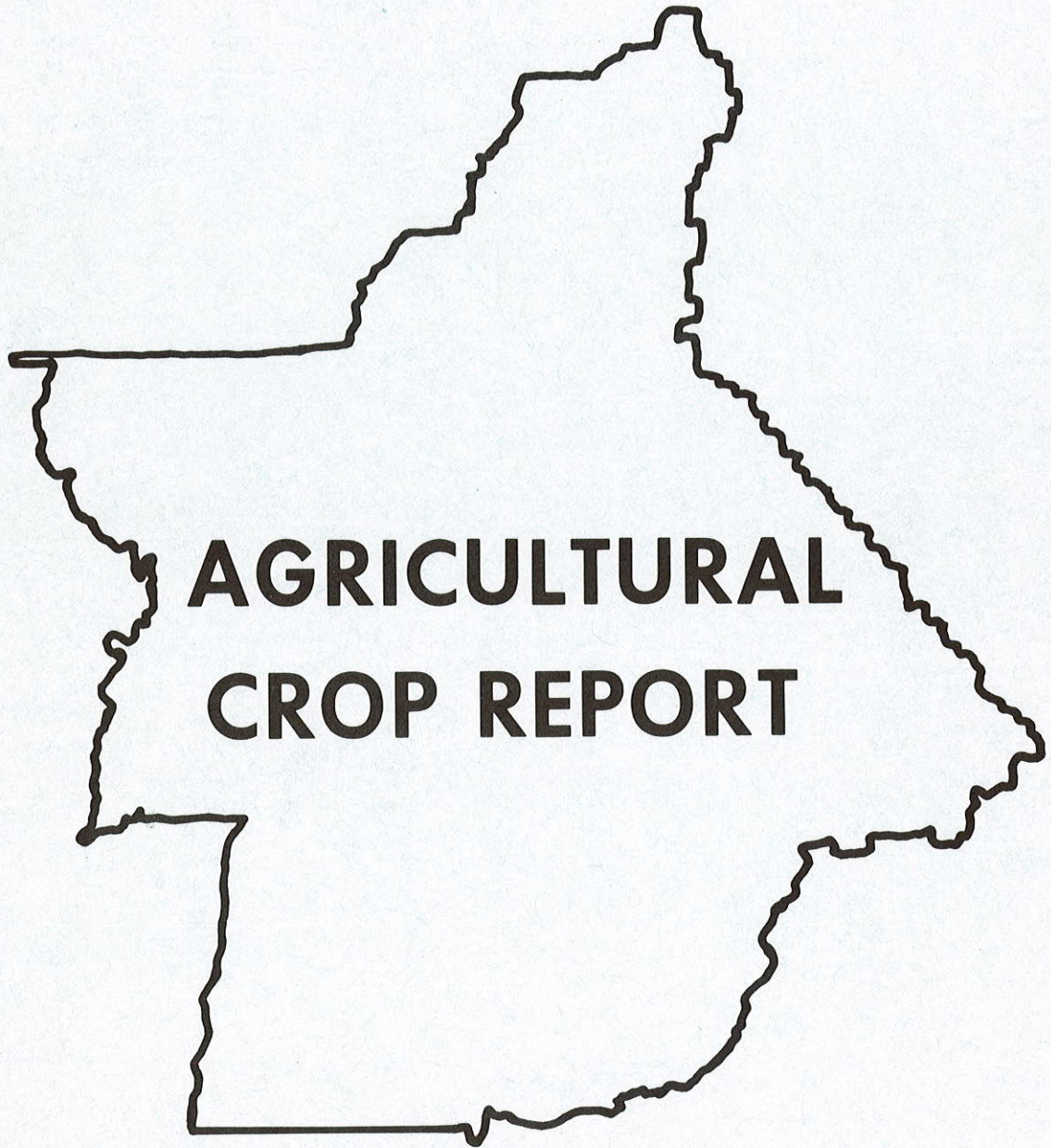
FIVE YEAR SUMMARY OF CROP VALUES

Commodities	1978	1979	1980	1981	1982
Field Crops	\$ 55,733,500	\$ 81,153,000	\$104,680,000	\$102,838,000	\$ 74,202,000
Seed Crops	5,283,000	8,919,000	9,853,000	10,764,000	8,526,000
Vegetable Crops	1,445,500	1,500,000	1,100,000	1,600,000	1,100,000
Fruit and Nut Crops	77,897,000	108,548,000	85,971,000	88,931,000	77,280,000
Nursery Stock	1,077,000	1,021,000	1,399,000	2,057,000	2,807,000
Livestock and Poultry	18,263,200	23,307,000	23,565,000	22,310,000	22,788,000
Apiary Products	<u>1,653,500</u>	<u>2,110,600</u>	<u>2,620,800</u>	<u>1,947,000</u>	<u>1,490,000</u>
Subtotal				\$230,447,000	\$188,193,000
Timber	-	-	-	5,313,000	4,338,000
Grand Total	<u>\$161,352,700</u>	<u>\$226,558,600</u>	<u>\$229,188,800</u>	<u>\$235,760,000</u>	<u>\$192,531,000</u>

FIVE YEAR SUMMARY OF PLANT CROP ACREAGES

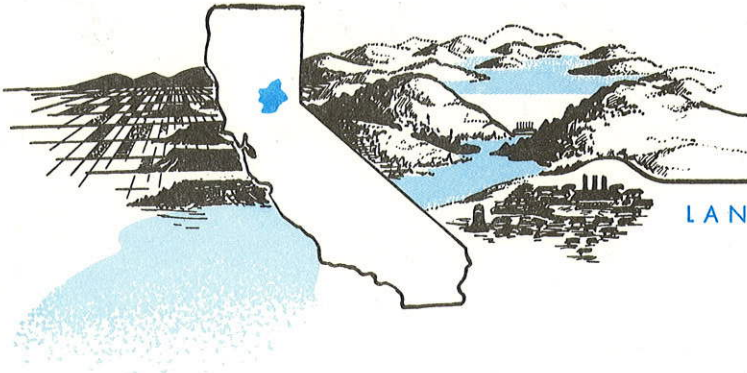
Commodities	1978	1979	1980	1981	1982
Field Crops	474,090	483,450	491,200	503,400	481,650
Seed Crops	19,800	21,000	17,500	20,300	19,500
Vegetable Crops	1,325	1,400	1,100	1,600	1,100
Fruit and Nuts Crops	<u>58,560</u>	<u>60,243</u>	<u>60,630</u>	<u>57,390</u>	<u>57,364</u>
Grand Total	<u>553,775</u>	<u>566,093</u>	<u>570,430</u>	<u>582,690</u>	<u>559,614</u>

# **BUTTE COUNTY**



## **AGRICULTURAL CROP REPORT**

**1983**



# 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

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
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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

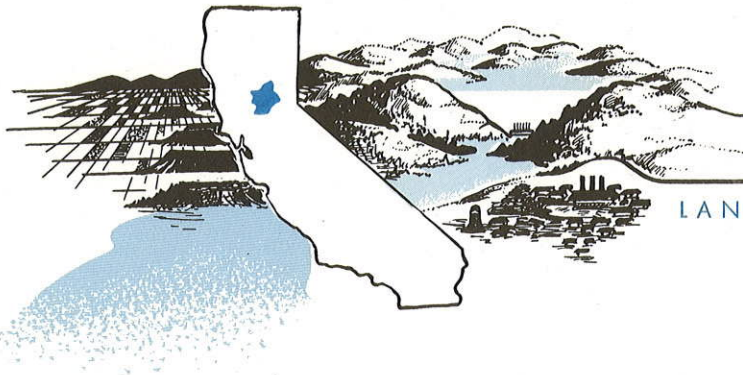
Commodities	1979	1980	1981	1982	1983
Field Crops	483,450	491,200	503,400	481,650	416,500
Seed Crops	21,000	17,500	20,300	19,500	12,100
Vegetable Crops	1,400	1,100	1,600	1,100	1,200
Fruit and Nut Crops	60,243	60,630	57,390	57,364	58,756
Grand Total	<u>566,093</u>	<u>570,430</u>	<u>582,690</u>	<u>559,614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

# AGRICULTURAL CROP REPORT FOR 1984



# BUTTE COUNTY

agricultural commissioner



# Butte County

LAND OF NATURAL WEALTH AND BEAUTY

OFFICES OF AGRICULTURAL COMMISSIONER  
WEIGHTS AND MEASURES  
AIR POLLUTION CONTROL

316 Nelson Avenue - Oroville, California 95969-1229  
Mail: P.O. Box 1229 - Telephone: (916) 534-4381

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

**DENNIS POOLER**  
Assistant Agricultural Commissioner

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

The Honorable Board of Supervisors  
County of Butte

Len Fulton - District 5 - Chairperson  
Hack McInturf - District 1                      Hilda Wheeler - District 3  
Jane Dolan - District 2                         Ed McLaughlin - District 4

In compliance with the requirement of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the forty-sixth annual Crop Report of Agricultural Production in Butte County for the year 1984.

The 1984 estimated gross value of agricultural products produced on 523,391 acres totaled \$195,037,000. This is an increase of \$45,006,000 from the 1983 production year total of \$150,031,000 which was produced on 488,556 acres.

Agriculture continues to be the leading industry in the county; however, lower prices for agricultural commodities and increased production costs have caused a continued decline in net income for producers.

It should be noted that during the 1983 production year some 69,000 acres were removed from production as a result of federal Payment-in-Kind (PIK) and other cropland set-aside programs. In addition, several thousand acres of field and orchard crops and/or production were lost as a result of two consecutive years of extremely wet winters and springs with continuous floodings of croplands.

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

PERSONNEL

Joe E. Bandy  
Agricultural Commissioner

Dennis Pooler  
Assistant Agricultural Commissioner

Harrie Riley  
Deputy Agricultural Commissioner

OROVILLE DISTRICT

Tom Dowd	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
Charmaigne Damron	Typist Clerk I

CHICO DISTRICT

Sterling Mattoon	Senior Agricultural Biologist
Robert Voorhees	Agricultural Biologist III
Arlyn Beneke	Agricultural Biologist II
Bob Dodd	Agricultural Biologist II
Nola Palmer	Agricultural Biologist II
Lorraine Lake	Typist Clerk II

GRIDLEY DISTRICT

Mike Stewart	Senior Agricultural Biologist
Nick Surjan	Agricultural Biologist III

FRUIT AND NUT ACREAGE STATISTICS  
1984

Orchard Crops	Bearing Acreage	Non-Bearing Acreage	Total
Almond	34,587	3,970	38,557
Apples	191	2	193
Apricots	27	6	33
Avocado	3	0	3
Cherimoya	0	24	24
Cherries	2	0	2
<u>Citrus</u>			
Mandarins	53	1	54
Navels & Valencias	237	2	239
Grapes (all)	229	19	248
Guava (Feijoa)	0	22	22
Kiwi	602	741	1,343
Nectarines	3	0	3
Olives	2,631	12	2,643
Peaches, clingstone	1,956	268	2,224
Peaches, freestone	103	11	114
Pears	56	2	58
Pecans	27	2	29
Persimmons	7	2	9
Pistachio	414	95	509
Plums	4	0	4
Prunes	8,143	1,832	9,975
Walnuts, English	11,965	2,496	14,461
Walnuts, Black	<u>71</u>	<u>206</u>	<u>277</u>
Total	61,311	9,713	71,024

Acres may vary from state report

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Harvested Year	Acreage	PRODUCTION			VALUE	
			Per Acre	Total	Unit	Per Unit	Total
Barley	1984	4,500	1.69	7,600	ton	\$132.00	\$ 1,003,000
	1983	2,700	1.26	3,400	ton	129.00	439,000
Beans, dry edible	1984	4,800	0.67	3,200	ton	600.00	1,920,000
	1983	2,600	1.09	2,834	ton	695.00	1,970,000
Corn	1984	2,000	4.1	8,200	ton	113.00	927,000
	1983	2,900	3.55	10,300	ton	139.00	1,432,000
Hay, alfalfa	1984	3,500	7.0	24,500	ton	77.00	1,887,000
	1983	3,600	5.9	21,240	ton	94.00	1,997,000
Grain	1984	3,000	2.4	7,200	ton	55.00	396,000
	1983	3,200	2.1	6,720	ton	60.00	403,000
Wild	1984	5,100	1.39	7,100	ton	44.00	312,000
	1983	5,900	1.4	8,260	ton	43.00	355,000
Oats	1984	900	0.98	880	ton	120.00	106,000
	1983	2,400	.99	2,380	ton	135.00	321,000
Pasture, irrigated	1984	19,700			*acre	106.00	2,088,000
	1983	19,700			*acre	106.00	2,088,000
Other	1984	290,000			*acre	6.00	1,740,000
	1983	290,000			*acre	6.00	1,740,000
Rice	1984	89,000	3.52	313,280	ton	135.00	42,293,000
	1983	61,600	3.68	226,690	ton	172.00	38,991,000
Sorghum, grain	1984	2,200	2.2	4,800	ton	110.80	532,000
	1983	2,700	2.52	6,800	ton	112.00	762,000
Sugar Beets	1984	3,800	21.71	82,500	ton	36.30	2,995,000
	1983	1,700	16.4	29,900	ton	36.10	1,079,000
Wheat	1984	17,000	1.88	32,000	ton	114.00	3,648,000
	1983	17,500	1.65	28,900	ton	129.00	3,728,000
**Miscellaneous	1984	5,300					1,139,000
	1983	-					761,000
Total	1984	450,800					\$60,986,000
	1983	416,500					56,066,000

\* Per acre value

\*\* Corn silage, safflower, sunflower, wild rice and field crop by-products.



SEED CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION		Per Unit	Per Unit	VALUE
			Per Acre	Total			Total
Barley	1984	1,100	2,300	2,530,000	lb.	.08	\$ 202,000
	1983	1,200	2,400	2,880,000	lb.	.08	230,000
Beans	1984	550	1,498	824,000	lb.	.34	280,000
	1983	1,350	1,240	1,674,000	lb.	.45	753,000
Oats	1984	400	2,000	800,000	lb.	.09	72,000
	1983	1,300	800	1,040,000	lb.	.09	94,000
Rice	1984	5,600	7,500	42,000,000	lb.	.11	4,620,000
	1983	2,900	6,700	19,430,000	lb.	.11	2,137,000
Vetch	1984	900	988	889,000	lb.	.19	169,000
	1983	1,900	600	1,140,000	lb.	.19	217,000
Wheat	1984	1,000	2,000	2,000,000	lb.	.06	120,000
	1983	1,700	2,800	4,760,000	lb.	.10	476,000
*Miscellaneous	1984	880					526,000
	1983	<u>1,700</u>					<u>1,325,000</u>
Total	1984	10,430					\$5,989,000
	1983	12,100					5,232,000

\*Melons and cucurbits, Mustard, Cowpea and Sunflower

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION		Per Unit	Per Unit	VALUE
			Per Acre	Total			Total
*Miscellaneous	1984	850					\$ 895,000
	1983	1,200					1,250,000

\*Asparagus, Corn, Cucumbers, Melons, Oriental Vegetables, Pumpkin, Squash and Tomatoes.

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	PRODUCTION		VALUE	
			Live Weight	Unit	Per Unit	Total
Cattle and Calves	1984	31,000	248,000	cwt	53.80	\$13,342,000
	1983	34,500	276,000	cwt	53.30	14,711,000
Sheep and Lambs	1984	7,900	8,690	cwt	59.70	519,000
	1983	9,500	10,450	cwt	56.40	589,000
Hogs and Pigs	1984	7,400	22,200	cwt	49.70	1,103,000
	1983	7,900	23,700	cwt	51.50	1,221,000
*Miscellaneous	1984					1,043,000
	1983					778,000
Total	1984					\$16,007,000
	1983					17,299,000

\*Fish, Meat Poultry, Pheasant, Pullet Replacements, Rabbits.

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE	
				Per Unit	Total
*Milk, Market	1984	234,000	cwt.	12.84	\$3,005,000
	1983**	236,000	cwt.	13.03	3,075,000
*Manufacturing	1984	32,000	cwt.	12.04	385,000
	1983**	30,000	cwt.	12.33	370,000
Eggs, Chicken Market	1984	877,000	doz.	.70	614,000
	1983	1,398,000	doz.	.76	1,062,000
Wool	1984	76,300	lb.	.81	62,000
	1983	73,800	lb.	.65	48,000
Total	1984				\$4,066,000
	1983				4,555,000

\*California Crop and Livestock Reporting Service Figure

\*\*Revised State Figures

TIMBER HARVEST: PRODUCTION AND VALUE

Year	Production Board Feet*	Value
**1983	71,270,000	\$6,410,000
**1982	48,190,000	\$3,981,000

\*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

	1985	1984
Cattle and Calves	31,000	31,000
Milk cows 2 years and over	1,500	1,500
Sheep and Lambs, All	7,900	8,800
Hogs and Pigs, All	7,400	7,400
Hens and Pullets of laying eggs	30,000	90,000

FIVE YEAR SUMMARY OF CROP VALUES

Commodities	1980	1981	1982	1983	1984
Field Crops	\$104,680,000	\$102,838,000	\$ 74,202,000	\$ 56,066,000	\$ 60,986,000
Seed Crops	9,853,000	10,764,000	8,526,000	5,232,000	5,989,000
Vegetable Crops	1,100,000	1,600,000	1,100,000	1,250,000	895,000
Fruit and Nut Crops	85,971,000	88,931,000	77,280,000	57,498,000	96,445,000
Nursery Stock	1,399,000	2,057,000	2,807,000	2,911,000	2,870,000
Livestock and Poultry	23,565,000	22,310,000	22,788,000	21,656,000	20,073,000
Apiary Products	<u>2,620,800</u>	<u>1,947,000</u>	<u>1,490,000</u>	<u>1,437,000</u>	<u>1,369,000</u>
Subtotal		\$230,447,000	\$188,193,000	\$146,050,000	\$188,627,000
Timber	-	<u>5,313,000</u>	<u>4,338,000</u>	<u>3,981,000</u>	<u>6,410,000</u>
Grand Total	<u>\$229,188,800</u>	<u>\$235,760,000</u>	<u>\$192,531,000</u>	<u>\$150,031,000</u>	<u>\$195,037,000</u>

FIVE YEAR SUMMARY OF PLANT CROP ACREAGES

Commodities	1980	1981	1982	1983	1984
Field Crops	491,200	503,400	481,650	416,500	450,800
Seed Crops	17,500	20,300	19,500	12,100	10,430
Vegetable Crops	1,100	1,600	1,100	1,200	850
Fruit and Nut Crops	<u>60,630</u>	<u>57,390</u>	<u>57,364</u>	<u>58,756</u>	<u>61,311</u>
Grand Total	<u>570,430</u>	<u>582,690</u>	<u>559,614</u>	<u>488,556</u>	<u>523,391</u>