

# BUTTE COUNTY

## AGRICULTURAL CROP REPORT

1988



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 95965-1229

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**RICHARD B. PRICE**  
Agricultural Commissioner  
Air Pollution Control Officer  
Sealer of Weights and Measures

**DENNIS POOLER**  
Assistant Agricultural Commissioner

Henry J. Voss, Director  
California Department of Food and Agriculture

The Honorable Board of Supervisors  
County of Butte

Len Fulton, Chairman  
Jane Dolan  
Karen Veracruz  
Haskel McInturf  
Ed McLaughlin

Will Randolph, Chief Administrative Officer

In accordance with provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the fiftieth annual crop report of agricultural production in Butte County for the year 1988. This report addresses the acreage, production and gross value of agricultural production and does not attempt to reflect net farm income nor costs of production and marketing. This report also emphasizes an average production and average value of gross receipts.

The 1988 estimated gross value of agricultural products produced on 502,540 acres totaled \$257,449,500. This is an increase of \$27,832,500 from the 1987 production year total of \$229,617,000 which was produced on 498,568 acres. Please note a timber production increase of \$17,416,000.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to all our staff, with special thanks to Dennis Pooler and Harrie Riley for their effort in the compilation of this report.

Respectfully submitted,

Richard B. Price  
Agricultural Commissioner

RP:mb



PERSONNEL

Richard B. Price  
Agricultural Commissioner

Dennis Pooler  
Assistant Agricultural Commissioner

Harrie Riley  
Deputy Agricultural Commissioner

OROVILLE DISTRICT

Paul Bert	Agricultural Pest Control Worker
Ed Schneegas	Agricultural Pest Control Worker
John Rogers	Hunter/Trapper
Marion Brenden	Secretary I
Charmaigne Damron	Typist Clerk II

CHICO DISTRICT

Sterling Mattoon	Senior Agricultural Biologist
Robert Dodd	Agricultural Biologist III
Ken Ewing	Agricultural Biologist III
Robert Voorhees	Agricultural Biologist III
Rose Bailey	Typist Clerk II

GRIDLEY DISTRICT

Mike Stewart	Senior Agricultural Biologist
Tom Anderson	Agricultural Biologist III

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## FOOD SAFETY

This year will undoubtedly be remembered as the year in which food safety became a major concern of the public. Reports concerning Alar on apples and adulterated Chilean fruit served to heighten public awareness and concern over the safety of their fresh food supply. Ironically, at the very same time, the National Academy of Sciences released a 1400 page report strongly encouraging the public to double their consumption of fresh fruits and vegetables.

California has long had the well deserved reputation of having the toughest regulations concerning food safety and pesticide usage in the world. California's strong pesticide regulatory program is administered jointly throughout the state by the California Department of Food and Agriculture and the county Agricultural Commissioners. This program utilizes over 650,000 staff hours annually to make certain that pesticides are being used legally and safely. Food grown under California's tight regulatory program is safe.

This program is not only the toughest state program in existence but has restrictions on pesticides and their usage which exceed the United States Environmental Protection Agency's standards. While these restrictions substantially increase the cost of agricultural production for California producers over products grown in other states and countries, they provide top protection to farm workers, the environment and consumers of California products. California has long been on the leading edge in developing programs to regulate pesticides and quite often the E.P.A. adopts its pesticide programs based on California's leadership.

California's pesticide residue sampling for agricultural products is by far the most extensive program anywhere. The number of residue samples analyzed in this program not only exceeds the total number of samples of all other state programs combined but also exceeds the total number of samples analyzed by the U.S. Food and Drug Administration for the entire nation. Because this program is cooperatively administered by a system of county and state regulatory agencies, it affords a timely response in sampling, analyzing and quarantining any product not meeting the high standards established to insure its safety.

While agricultural producers must bear the increased burden of trying to produce top quality products under increasingly tighter restrictions, California's leadership has determined that affording this level of protection is the cost of doing business in California.

Other states and countries would be well advised to afford their citizens and environments California's level of protection.



FRUIT AND NUT ACREAGE STATISTICS  
1988

Orchard Crops	Bearing Acreage	Non-Bearing Acreage	Total Acreage
Almond	38,071	453	38,524
Apples	181	6	187
Apricots	32	0	32
Avocado	6	0	6
Cherimoya	0	24	24
Cherries	2	0	2
<u>Citrus</u>			
Mandarins	55	0	55
Navels & Valencias	236	0	236
Grapes (All)	198	0	198
Guava (Feijoa)	14	32	46
Kiwi	1,420	40	1,460
Nectarines	3	0	3
Olives	2,637	0	2,637
Peaches, Clingstone	2,022	135	2,157
Peaches, freestone	86	4	90
Pears	6	0	6
Pecans	26	0	26
Persimmons	10	13	23
Pistachio	555	0	555
Plums	19	0	19
Prunes	9,405	817	10,222
Walnuts, English	12,849	2,473	15,322
Walnuts, Black	<u>36</u>	<u>133</u>	<u>169</u>
Total	67,869	4,130	71,999

Acres may vary from State report

FIELD CROPS  
ACREAGE, PRODUCTION AND VALUE

Crop	Year	Acreage	PRODUCTION		Per Unit	Unit	VALUE
			Per Acre	Total			Total
Barley	1988	3,600	1.3	4,680	ton	120.00	562,000
	1987	3,500	1.3	4,550	ton	93.00	423,000
Beans, dry edible	1988	2,490	.92	2,291	ton	771.00	1,766,000
	1987	3,300	.91	3,003	ton	450.00	1,351,000
Corn	1988	1,300	4.4	5,720	ton	113.00	646,000
	1987	1,400	4.1	5,740	ton	80.00	459,000
Hay, alfalfa	1988	2,900	6.01	17,429	ton	90.00	1,569,000
	1987	2,900	7.4	21,460	ton	78.00	1,674,000
grain	1988	3,300	2.4	7,920	ton	72.50	574,000
	1987	3,500	2.5	8,750	ton	59.00	516,000
wild	1988	3,200	0.9	2,880	ton	38.00	109,000
	1987	4,000	1.0	4,000	ton	37.00	148,000
Oats	1988	600	0.9	540	ton	75.00	40,500
	1987	800	0.9	720	ton	110.00	79,000
Pasture irrigated	1988	19,700			*acre	106.00	2,088,000
	1987	19,700			*acre	106.00	2,088,000
Other	1988	290,000			*acre	6.00	1,740,000
	1987	290,000			*acre	6.00	1,740,000
Rice	1988	80,400	3.61	290,000	ton	214.00**	62,060,000
	1987	74,220	3.54	263,000	ton	223.00**	58,649,000 +
Sorghum, grain	1988	1,100	3.2	3,520	ton	100.00	352,000
	1987	1,200	2.3	2,760	ton	83.00	229,000
Sugar Beets	1988	2,420	24.70	59,774	ton	37.00	2,212,000
	1987	2,900	24.11	69,919	ton	32.00	2,238,000
Wheat	1988	8,000	2.1	16,800	ton	106.00	1,781,000
	1987	10,000	2.0	20,000	ton	88.00	1,760,000
Miscellaneous***	1988	3,500					1,900,000
	1987	3,700					2,100,000
Total	1988	422,510					\$77,399,500
	1987	421,120					73,454,000 +

\*Per acre value

\*\*Adjusted Target Price

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

+ Revised

SEED CROPS  
ACREAGE, PRODUCTION AND VALUE

Crop	Year	PRODUCTION			VALUE		
		Harvested Acreage	Per Acre	Total	Per Unit	Unit	Total
Beans, dry	1988	884	1,629	1,440,000	lbs.	.35	\$ 504,000
kidney	1987	600	1,106	663,600	lbs.	.28	186,000
Rice	1988	7,440	7,260	54,014,000	lbs.	.11	5,942,000
	1987	4,000	7,350	29,400,000	lbs.	.11	3,234,000
*Misc.	1988	2,160					1,334,000
	1987	2,438					761,000
Total	1988	10,484					\$7,780,000
	1987	7,038					4,181,000

\*Alfalfa, barley, beans(other), cantaloupe, clover, cowpea, cucurbits, oats, melon, safflower, squash, sudan, sunflower, vetch and wheat.

VEGETABLE CROPS  
ACREAGE, PRODUCTION, AND VALUE

Crop	Year	PRODUCTION			VALUE		
		Harvested Acreage	Per Acre	Total	Per Unit	Unit	Total
*Misc.	1988	1,230					\$ 921,000
	1987	1,010					756,000

\*Asparagus, corn, cucumbers, melons, onions, oriental vegetables, pumpkin, squash, tomatoes, etc.

FRUIT AND NUT CROPS  
ACREAGE, PRODUCTION AND VALUE

Crop	Year	Bearing Acreage	PRODUCTION			VALUE	
			Per Acre	Total	Unit	Per Unit	Total
Almond	1988	38,524	.79	30,434	ton	2,000.00	\$60,868,000
	1987	38,484	.76	29,248	ton	2,000.00	58,496,000
Hulls	1988			37,825	ton	50.00	1,891,000
	1987			36,567	ton	30.00	1,097,000
Apples (ALL)	1988	181	9.5	1,720	ton	282.00	485,000
	1987	191	9.8	1,872	ton	398.00	745,000
Kiwifruit	1988	1,420	6.3	8,946	ton	1,710.00	15,298,000
	1987	1,308	4.8	6,278	ton	1,780.00	11,175,000
Olives	1988	2,637	2.1	5,538	ton	669.00	3,705,000
	1987	2,639	2.4	6,334	ton	583.00	3,693,000
Oranges	1988	236	10.2	2,408	ton	375.00	903,000
	1987	236	10.2	2,408	ton	360.00	867,000
Mandarins & Tangerines	1988	55	6.5	358	ton	500.00	179,000
	1987	55	2.2	120	ton	316.00	38,000
Peaches, Clingstone	1988	2,022	15.3	30,937	ton	213.00	6,582,000
	1987	2,046	16.0	32,736	ton	185.00	6,056,000
Prunes, dried	1988	9,405	2.4	22,572	ton	725.00	16,365,000
	1987	9,383	3.6	33,779	ton	700.00	23,645,000
Walnuts, English	1988	12,849	1.41	18,117	ton	990.00	17,936,000
	1987	14,005	1.33	18,627	ton	966.00	17,994,000
*Miscellaneous	1988	987					944,000
	1987	1,053					1,201,000
Total	1988	68,316					\$125,156,000
	1987	69,400					125,007,000

\*Apricots, Avocados, Black Walnuts, Bushberries, Cherries, Feijoa, Grapes, Nectarines, Peaches (freestone), Pears, Pecans, Persimmons, Pistachio, Plums, Strawberries

Acres may vary from State report.

NURSERY PRODUCTS  
PRODUCTION AREA, SALES AND VALUE

Item	Year	PRODUCTION AREA			VALUE	
		House Sq. Ft.	Field Acres	Sold By Producers	Unit	Total
*Nursery Stock	1988	212,991	34.5	2,406,500	Plants	\$2,670,000
	1987	188,344	68.0	2,560,910	Plants	2,329,000

\*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 trees.

APIARY PRODUCTS  
PRODUCTION AND VALUE

Item	Year	PRODUCTION		VALUE	
		Total	Unit	Unit	Total
Honey	1988	28,200	Lb.	.54	\$ 15,200
	1987	79,420	Lb.	.60	48,000
Beeswax	1988	1,150	Lb.	.87	1,000
	1987	2,300	Lb.	1.00	2,300
Package Bees	1988	29,600	Lb.	4.60	127,000
	1987	62,308	Lb.	5.19	324,000
Queen Bees	1988	33,600	each	4.76	160,000
	1987	51,400	each	5.05	260,000
Nuclei	1988	1,050	each	24.00	25,000
	1987	1,500	each	20.00	30,000
Pollination	1988	41,991	colony	23.10	970,000
	1987	47,316	colony	21.81	1,032,000
Total	1988				\$1,298,000
	1987				1,696,000

LIVESTOCK AND POULTRY  
PRODUCTION AND VALUE

Item	Year	No. of Head	PRODUCTION		Per Unit	VALUE
			Total Live Weight	Unit		Total
Cattle and Calves	1988	29,000	232,000	Cwt.	64.50	\$14,964,000
	1987	27,000	216,000	Cwt.	56.30	12,161,000
Sheep and Lambs	1988	7,800	8,600	Cwt.	70.35	605,000
	1987	8,000	8,800	Cwt.	74.90	659,000
Hogs and Pigs	1988	10,000	23,000	Cwt.	47.20	1,086,000
	1987	7,100	21,200	Cwt.	58.00	1,230,000
*Miscellaneous	1988					625,000
	1987					648,000
Total	1988					\$17,280,000
	1987					14,698,000

\*Fish, Meat Poultry, Pheasant, Quail, Rabbits, Ducks, Chicken Eggs

LIVESTOCK AND POULTRY PRODUCTS

Item	Year	Production	Unit	Per Unit	VALUE
					Total
Milk, Market*	1988	155,310	Cwt.	10.88	\$ 1,690,000
	1987	153,000	Cwt.	11.41	1,746,000
Manufacturing*	1988	5,251	Cwt.	9.90	52,000
	1987	445	Cwt.	10.47	4,659
Wool	1988	68,000	Lb.	1.38	94,000
	1987	61,000	Lb.	.85	52,000
Total	1988				\$ 1,836,000
	1987				1,803,000

\*California Crop and Livestock Reporting Service Figures

HARVESTED TIMBER

Year	<u>Production</u> Board Feet*	<u>Value</u>
**1988 - Prelim.	146,400,000	\$ 23,109,000
**1987 - Final	60,836,000***	5,693,000***

\* Board feet is the quantity of timber cut and scaled.

\*\* Data timber production and value provided by State Board of Equalization, Timber Tax Division.

\*\*\* Corrected Figure

JANUARY 1 ESTIMATED INVENTORIES OF LIVESTOCK AND POULTRY

	1988*	1989
Cattle and Calves	27,000	29,000
Milk Cows 2 years and over	1,300	1,400
Sheep and Lambs, All	8,000	7,800
Hogs and Pigs, All	7,100	7,500
Hens and Pullets of Laying Age	**	**

\* Figures may vary from State report.

\*\* No reportable data; only one producer in 1988 and 1989

FIVE YEAR SUMMARY OF CROP VALUES

	1984	1985	1986	1987	1988
Field Crops	\$ 60,986,000	\$ 54,860,000	\$ 53,598,000	\$ 73,454,000	\$ 77,399,500
Seed Crops	5,989,000	6,640,000	3,909,000	4,181,000	7,780,000
Vegetable Crops	895,000	797,000	687,000	756,000	921,000
Fruit and Nut Crops	96,445,000	78,513,000	104,715,000	125,007,000	125,156,000
Nursery Stock	2,870,000	2,104,000	2,221,000	2,329,000	2,670,000
Apiary Products	1,369,000	1,360,000	1,242,000	1,696,000	1,298,000
Livestock and Poultry	<u>20,037,000</u>	<u>18,083,000*</u>	<u>15,146,000*</u>	<u>16,501,000</u>	<u>19,116,000</u>
Subtotal	\$188,591,000	\$162,357,000*	\$181,518,000*	\$223,924,000*	\$234,340,500
Timber	<u>6,410,000</u>	<u>6,385,000</u>	<u>6,688,000*</u>	<u>5,693,000*</u>	<u>23,109,000</u>
Grand Total	<u>\$195,001,000</u>	<u>\$168,742,000*</u>	<u>\$188,206,000*</u>	<u>\$229,617,000*</u>	<u>\$257,449,500</u>

\*Revised

FIVE YEAR SUMMARY OF PLANT CROP ACREAGES

	1984	1985	1986	1987	1988
Field Crops	450,800	431,000	423,800	421,120	422,510
Seed Crops	10,430	11,017	7,714	7,038	10,484
Vegetable Crops	850	1,084	983	1,010	1,230
Fruit and Nut Crops	<u>61,311</u>	<u>65,621</u>	<u>68,309</u>	<u>69,400</u>	<u>68,316</u>
Grand Total	<u>523,391</u>	<u>508,722</u>	<u>500,806</u>	<u>498,568</u>	<u>502,540</u>

MILLION DOLLAR CROPS - 1988

	<u>CROP</u>	<u>VALUE</u>
1.	Rice	\$62,060,000
2.	Almonds	60,868,000
3.	Timber	23,109,000
4.	Walnuts, English	17,936,000
5.	Prunes	16,365,000
6.	Kiwifruit	15,298,000
7.	Cattle/Calves	14,964,000
8.	Peaches, Clingstone	6,582,000
9.	Rice Seed	5,942,000
10.	Olives	3,705,000
11.	Nursery Stock	2,607,000
12.	Sugarbeets	2,212,000
13.	Pasture, Irrigated	2,088,000
14.	Field Crops, Miscellaneous	1,900,000
15.	Almond Hulls	1,891,000
16.	Wheat	1,781,000
17.	Beans, Dry	1,766,000
18.	Dryland Pasture and Range	1,740,000
19.	Milk	1,690,000
20.	Alfalfa Hay	1,569,000
21.	Seed Crops, other	1,334,000
22.	Apiary Products	1,298,000
23.	Hogs	1,086,000

