

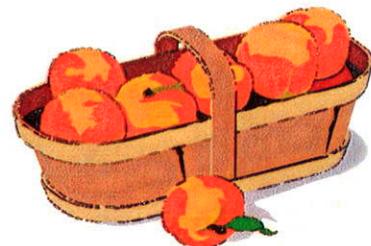
1999



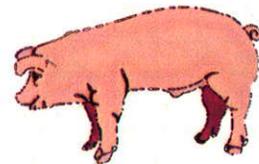
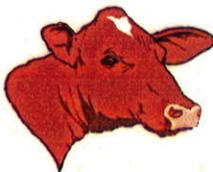
## BUTTE COUNTY



## AGRICULTURAL



## CROP REPORT







# Butte County

LAND OF NATURAL WEALTH AND BEAUTY

**OFFICES OF AGRICULTURAL COMMISSIONER  
WEIGHTS AND MEASURES • WATER DIVISION**

316 NELSON AVENUE • OROVILLE, CALIFORNIA 95965-3318  
AGRICULTURAL DEPT.: (530) 538-7381 • WATER: (530) 538-6265  
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**RICHARD B. PRICE**  
Agricultural Commissioner  
Director of Weights and Measures/  
Water Division

**LOUIE B. MENDOZA, JR.**  
Assistant Agricultural Commissioner/  
Weights and Measures/Water Division

William (Bill) J. Lyons, Jr.  
California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors

Jane Dolan, Chair                      Fred Davis  
Bob Beeler                                Curt Josiassen  
Mary Anne Houx

John Blacklock, Chief Administrative Officer

In accordance with provisions of section 2279 of the California Food and Agricultural Code, I am submitting the fifty-ninth annual crop report of agricultural production and agricultural value in Butte County for the year 1999.

This report is a summary estimate of the acreage, production and gross value of Butte County agricultural products. The values presented in this report are gross values only, and do not reflect net farm income or costs of production and marketing.

The estimated gross value of agricultural production in Butte County for 1999 totaled \$291,311,000. This is a 44 million dollar increase over the 1998 gross value total of \$246,990,000. Harvested Timber, Apiary and Livestock production decreased in value.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to all the staff for their efforts in the compilation of this report.

Respectfully submitted,

Richard B. Price  
Agricultural Commissioner



## PERSONNEL

*Richard B. Price  
Agricultural Commissioner*

*Louie B. Mendoza, Jr.  
Assistant Agricultural Commissioner*

*Harrie D. Riley  
Deputy Agricultural Commissioner*

## OROVILLE DISTRICT

*Charmaine Damron  
Friede Conklin  
Cheryl M. Lambert  
Marie Heinemeyer*

*Administrative Services Asst.  
Office Assistant II  
Office Assistant II  
Agricultural/W&M Inspector*

## CHICO DISTRICT

*Robert Voorhees  
Mary Daniels  
Ken Ewing  
Robert Hill  
Lee Pejsa  
Stephen Scheer  
Stephen Weston*

*Supervisor-Agricultural Biologist  
Agricultural Biologist III  
Agricultural Biologist III  
Agricultural Biologist III  
Agricultural Biologist I  
Agricultural Biologist III  
Agricultural Biologist III*

## GRIDLEY DISTRICT

*Mike Stewart  
Ramon Jauregui*

*Supervisor-Agricultural Biologist  
Agricultural Biologist III*



1999

**FRUIT AND NUT ACREAGE STATISTICS**

<u>Orchard Crops</u>	<u>Bearing Acreage *</u>	<u>Non-Bearing Acreage *</u>	<u>Total Acreage *</u>
Almond	37,207	2,249	39,456
Apples	367	0	367
Apricots	41	0	41
Avocado	3	0	3
Cherries	210	0	210
<u>Citrus</u>			
Mandarins	56	2	58
Navels & Valencias	182	2	184
Grapes (All)	166	5	171
Guava (Feijoa)	24	0	24
Kiwifruit	1,309	0	1,309
Nectarines	7	0	7
Olives	3,024	75	3,099
Peaches, Clingstone	2,036	226	2,262
Peaches, Freestone	75	0	75
Pears (All)	11	0	11
Pecans	129	9	138
Persimmons	40	10	50
Pistachio	616	2	618
Plum	66	0	66
Prunes	13,675	1,749	15,424
Walnuts, English	18,416	2,039	20,455
Walnuts, Black	10	187	197
<b>TOTAL</b>	<b>77,670</b>	<b>6,555</b>	<b>84,225</b>

\* Data from California Crop and Livestock Reporting Service and other sources.

# 1999

## FRUIT AND NUT CROPS ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>			<u>UNIT</u>	<u>PER UNIT</u>	<u>VALUE</u>
		<u>HARVESTED ACREAGE</u>	<u>PER ACRE</u>	<u>TOTAL</u>			<u>TOTAL</u>
ALMOND	1999	37,207	0.61	22,696	ton	1,650.00	\$37,449,000
	1998	31,117	0.47	14,625	ton	3,009.00	44,007,000
HULLS	1999			28,370	ton	54.00	1,532,000
	1998			16,725	ton	64.00	1,070,000
APPLES (All)	1999	367	7.40	2,716	ton	433.00	1,176,000
	1998	475	11.50	5,463	ton	824.00	4,502,000
KIWIFRUIT	1999	1,307	4.52	5,908	ton	1,140.00	6,735,000
	1998	1,333	6.30	8,398	ton	760.00	6,383,000
OLIVES	1999	1,350	1.40	1,890	ton	380.00	718,000
	1998	1,500	1.87	2,804	ton	373.00	1,046,000
ORANGES	1999	147	4.10	603	ton	400.00	241,000
	1998	90	5.00	450	ton	451.00	203,000
PEACHES, Clingstone	1999	2,036	14.00	28,504	ton	220.00	6,271,000
	1998	2,140	15.50	33,170	ton	225.00	7,463,000
PISTACHIO	1999	616	0.86	530	ton	2,915.00	1,545,000
	1998	607	0.24	146	ton	2,000.00	291,000
PRUNES, dried	1999	13,675	2.31	31,589	ton	900.00	28,430,000
	1998	11,205	1.20	13,446	ton	785.00	10,555,000
WALNUTS, English	1999	18,416	1.77	32,600	ton	812.00	26,471,000
	1998	18,049	1.34	24,272	ton	1,124.00	27,282,000
*MISC	1999	1,297					2,052,000
	1998	965					2,719,000
TOTAL	1999	76,418					\$112,620,000
	1998	67,481					105,521,000

\*Apricots, Avocados, Black Walnuts, Bushberries, Cherries, Chestnuts, Grapes, Mandarins, Nectarines, Olives (oil and speciality), Peaches (freestone), Peach by-products, Pears, Pecans, Persimmons, Plums, Fresh Prunes, Strawberries, etc.

Acres may vary from State Report.

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## FIELD CROPS ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>TOTAL</u>	<u>PER UNIT</u>	<u>UNIT</u>	<u>VALUE</u>
		<u>HARVESTED ACREAGE</u>	<u>PER ACRE</u>				<u>TOTAL</u>
BEANS, dry edible	1999	775	0.70	543	ton	\$600.00	\$326,000.00
	1998	1,375	0.85	1,169	ton	640.00	748,000
CORN	1999	0	0	0	ton	0.00	0
	1998	550	4.40	2,424	ton	85.00	206,000
HAY, alfalfa	1999	2,466	5.66	13,958	ton	95.00	1,326,000
	1998	3,025	4.33	13,098	ton	115.00	1,506,000
HAY, grain	1999	1,675	2.50	4,188	ton	75.00	314,000
	1998	800	2.35	1,880	ton	55.00	103,000
PASTURE, irrigated	1999	18,400			*acre	109.00	2,006,000
	1998	18,410			*acre	109.00	2,007,000
PASTURE, other	1999	269,000				9.50	2,556,000
	1998	269,000			*acre	10.00	2,690,000
RICE	1999	96,500	3.69	356,085	ton	**290.00	103,265,000
	1998	96,000	3.45	331,200	ton	**220.00	72,864,000
SAFFLOWER	1999	800	0.8	640	ton	281.00	180,000
	1998	1,000	0.6	600	ton	313.00	188,000
WHEAT	1999	2,700	2.30	6,210	ton	87.50	543,000
	1998	3,000	1.25	3,750	ton	80.50	302,000
MISCELLANEOUS***	1999	13,084					9,919,000
	1998	10,687					6,116,000
<b>TOTAL</b>	1999	405,400					\$120,435,000
	1998	403,847					86,730,000

\*Per acre value

\*\*Includes government payments

\*\*\*Barley, beans (other), corn, corn silage, cotton, hays (other), lavender, oats, sorghum, sudangrass hay, sugarbeets, sunflower, other rice, wild rice, wild hay, crop by-products, etc.

**1999**

**SEED CROPS  
ACREAGE, PRODUCTION AND VALUE**

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>			<u>PER UNIT</u>	<u>UNIT</u>	<u>VALUE</u>
		<u>HARVESTED ACREAGE</u>	<u>PER ACRE</u>	<u>TOTAL</u>			<u>TOTAL</u>
BEANS, dry kidney	1999	750	1,512	1,134,000	lbs	\$0.35	\$397,000
	1998	750	1,576	1,182,000	lbs	0.31	366,000
RICE	1999	4,150	7,700	31,955,000	lbs	0.15	4,793,000
	1998	3,555	7,842	27,878,000	lbs	0.12	3,345,000
*MISC.	1999	5,874					5,000,000
	1998	3,884					1,997,000
TOTAL	1999	10,774					\$10,190,000
	1998	8,178					5,708,000

\*Barley, beans (other), cabbage, carrots, cucurbits, melons, oats, onions, peas, pumpkin, safflower, squash, sunflower, vetch, watermelon, wheat, etc.

**VEGETABLE CROPS  
ACREAGE AND VALUE**

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>			<u>PER UNIT</u>	<u>UNIT</u>	<u>VALUE</u>
		<u>HARVESTED ACREAGE</u>	<u>PER ACRE</u>	<u>TOTAL</u>			<u>TOTAL</u>
*MISC	1999	800					\$575,000
	1998	750					550,000

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

**NURSERY PRODUCTS  
PRODUCTION AREA, PLANTS AND VALUE**

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>PLANTS SOLD BY PRODUCERS</u>	<u>UNIT</u>	<u>VALUE</u>
		<u>HOUSE SQ. FT.</u>	<u>FIELD ACRES</u>			<u>TOTAL</u>
*NURSERY STOCK	1999	305,000	63.50	4,079,000	Plants	\$6,400,000
	1998	255,000	43.00	2,388,000	Plants	3,610,000

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

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## APIARY PRODUCTS PRODUCTION AND VALUE

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>VALUE</u>	
		<u>TOTAL</u>	<u>UNIT</u>	<u>UNIT</u>	<u>TOTAL</u>
POLLINATION	1999	50,179	Colony	\$39.00	\$1,957,000
	1998	51,630	Colony	\$40.25	2,079,000
*OTHER APIARY PRODUCTS	1999				320,000
	1998				325,000
TOTAL	1999				\$2,277,000
	1998				2,404,000

\*Includes Beeswax, Honey, Nuclei, Package Bees, Queens.

## HARVESTED TIMBER

<u>YEAR</u>	<u>PRODUCTION BOARD FEET*</u>	<u>VALUE</u>
**1999	90,918,000	\$29,484,000
**1998	97,495,000	33,670,000

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

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

1999

LIVESTOCK AND POULTRY  
PRODUCTION AND VALUE

ITEM	YEAR	PRODUCTION			PER UNIT	VALUE
		NO. OF HEAD	TOTAL LIVE WEIGHT	UNIT		TOTAL
CATTLE AND CALVES	1999	12,600	80,140	cwt.	\$64.30	\$5,153,000
	1998	12,650	80,960	cwt.	61.50	4,979,000
SHEEP, all	1999	1,200	1,444	cwt.	74.80	108,000
	1998	1,175	1,417	cwt.	74.80	106,000
HOGS, all	1999	10,500	21,000	cwt.	30.00	630,000
	1998	10,900	25,000	cwt.	34.00	850,000
*MISC.	1999					850,000
	1998					875,000
TOTAL	1999					\$6,741,000
	1998					6,810,000

\*Fish, Meat Poultry, Pheasant, Quail, Rabbits, Worms, etc.

LIVESTOCK PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE
					TOTAL
MILK, Market*	1999	176,596	cwt.	\$14.35	\$2,520,000
	1998	101,393	cwt.	16.43	1,666,000
MILK, Manufacturing*	1999	6,255	cwt.	11.04	69,000
	1998	23,354	cwt.	13.74	321,000
TOTAL	1999	182,851	cwt.		\$2,589,000
	1998	124,747	cwt.		1,987,000

\*CALIFORNIA CROP AND LIVESTOCK REPORTING SERVICE FIGURES

JANUARY 1 ESTIMATED INVENTORIES OF LIVESTOCK

	1999	2000
CATTLE AND CALVES, all	22,250	22,300
MILK COWS	860	860
SHEEP, all	950	950
HOGS, all	7,300	7,300

# 1999

## MILLION DOLLAR CROPS

	CROP	VALUE
1	Rice	\$103,265,000
2	Almonds	37,449,000
3	Timber	29,670,000
4	Prunes	28,430,000
5	Walnuts, English	26,471,000
6	Field Crops, Miscellaneous	9,919,000
7	Kiwifruit	6,735,000
8	Nursery Stock	6,400,000
9	Peaches, Clingstone	6,271,000
10	Cattle/Calves	5,153,000
11	Seed Crops, Miscellaneous	5,000,000
12	Rice Seed	4,793,000
13	Dryland Pasture and Range	2,556,000
14	Milk, Market	2,520,000
15	Fruit and Nut Crops, Misc.	2,052,000
16	Pasture, Irrigated	2,006,000
17	Apiary Pollination	1,957,000
18	Almond Hulls	1,532,000
19	Alfalfa Hay	1,326,000
20	Apples	1,176,000

# 1999

## FIVE-YEAR SUMMARY OF CROP VALUES

	1995	1996	1997	1998	1999
Field Crops	*\$84,239,000	\$98,004,000	\$102,066,000	\$86,730,000	\$120,435,000
Seed Crops	6,183,000	10,369,000	9,905,000	5,708,000	10,190,000
Vegetable Crops	720,000	650,000	550,000	550,000	575,000
Fruit and Nut Crops	151,351,000	159,351,000	176,450,000	105,521,000	112,620,000
Nursery Stock	* 7,437,000	4,485,000	5,350,000	3,610,000	6,400,000
Apiary Products	* 1,957,000	2,145,000	2,229,000	2,404,000	2,277,000
Livestock and Poultry and Livestock Products	8,385,000	7,810,000	9,018,000	8,797,000	9,330,000
<b>Subtotal</b>	<b>*\$260,272,000</b>	<b>*\$282,814,000</b>	<b>\$305,568,000</b>	<b>\$213,320,000</b>	<b>\$261,827,000</b>
Timber	38,874,000	40,417,000	32,603,000	33,670,000	29,484,000
<b>Grand Total</b>	<b>*\$299,146,000</b>	<b>*\$323,231,000</b>	<b>\$338,171,000</b>	<b>\$246,990,000</b>	<b>\$291,311,000</b>

\*Addition corrections from original year's reports.

## FIVE YEAR SUMMARY OF PLANT CROP ACREAGE

	1995	1996	1997	1998	1999
Field Crops	394,616	405,835	407,188	403,847	405,400
Seed Crops	7,068	10,230	10,605	8,178	10,774
Vegetable Crops	1,000	900	750	750	800
Fruit and Nut Crops	68,542	66,013	67,339	67,481	76,418
<b>Grand Total</b>	<b>471,226</b>	<b>482,978</b>	<b>485,882</b>	<b>480,256</b>	<b>493,392</b>

# BUTTE COUNTY 1999 SUSTAINABLE AGRICULTURAL REPORT

This report summarizes the varied activities conducted and the methods used to prevent and control the spread of exotic pests in Butte County.

The pest detection, pest exclusion and pest eradication programs serve to protect the county from infestations of introduced pests. Through monitoring and quick response to small infestations, damaging pest populations can be controlled before they require a large scale response.

Biological control provides a method of sustainable pest control with a minimum impact to the environment.

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Scope of Program</u>
<u>PEST EXCLUSION</u>		
Exotic Pests	20,692 packages inspected (UPS, Post Office, Federal Express, trucks)	40 rejections issued
<u>PEST DETECTION</u>		
Gypsy Moth, Medfly, Japanese Beetle, Oriental & Melon Fruitflies, Khapra Beetle, Olive Fruit Fly	639 traps placed throughout the County to detect the present of these pests.	None of these pests were trapped
<u>PEST ERADICATION</u>		
Spotted Knapweed Diffuse Knapweed Hoary Cress Perennial Peppergrass White Horsenettle Skeleton Weed	Controlled by a combination of mechanical and chemical methods	27 sites spread throughout the county
<u>PEST MANAGEMENT - BIOLOGICAL CONTROL</u>		
Yellowstar Thistle <u>Centaurea solstitialis</u>	Seed Weevils (3 Genus) <u>Bangasternus/Urophora/Eustenopus</u>	Generally distributed
Klamath Weed <u>Hypericum perforatum</u>	Klamath Beetle <u>Chrysoline gemellata</u>	Generally distributed
Puncture Vine <u>Tribulus terrestris</u>	Stem & Seed Weevils <u>Microlarinus lypriformis</u>	Generally distributed
Italian Thistle <u>Carduus tenuiflorus</u> <u>Carduus pycnocephalus</u>	Seed Head Weevil <u>Rhinocyllus conicus</u>	Generally distributed
Ash Whitefly <u>Siphoninus phillyreae</u>	A parasitic wasp <u>Encarsia partenopea</u>	Generally distributed
Purple Loosestrife <u>Lythrum salicaria</u>	Root & Flower Weevils/Leaf Beetles <u>Hylobius/Galerucella/Nanophyes</u>	Nursery sites

## ORGANIC FARMING STATISTICS

<u>Crops</u>	<u>Number of Farms</u>	<u>Estimated Acres</u>
Various	60	3958

