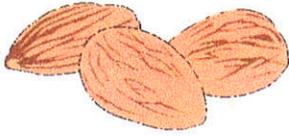
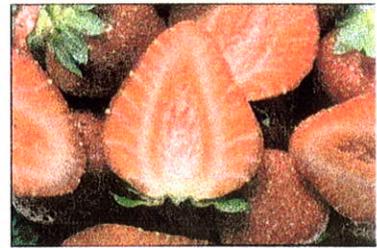
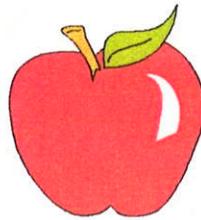
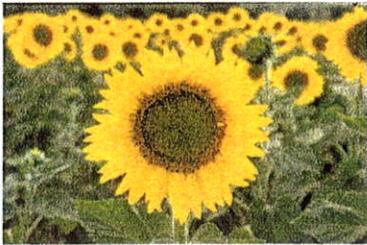


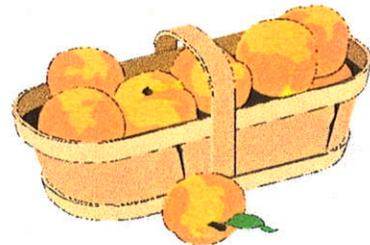
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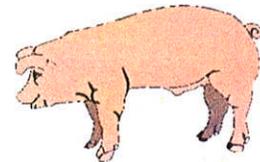
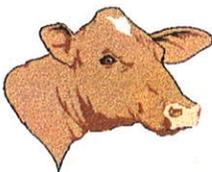
BUTTE COUNTY

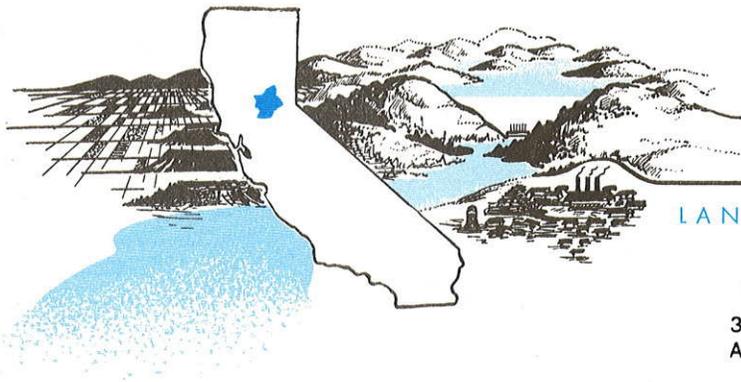


AGRICULTURAL



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
FAX: (530) 538-7594

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
Bob Beeler
Mary Anne Houx

Fred Davis
Curt Josiassen

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 1998.

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 1998 totaled \$246,974,000. This is a 91 million dollar decrease over the 1997 value total of \$338,171,000. Only Timber and Apiary showed increases in value. The weather played a very significant role in decreasing the production of field crops, fruit and nut crops and seed crops. The value of livestock and nursery products decreased due to market factors.

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

Charmaigne Damron
Cheryl Mohr
Marie Heinemeyer

Administrative Services Asst.
Office Assistant II
Pest Detection Trapper

CHICO DISTRICT

Robert Voorhees
Mary Daniels
Ken Ewing
Robert Hill
Stephen Scheer
Stephen Weston

Supervisor-Agricultural Biologist
Agricultural Biologist III
Agricultural Biologist III
Agricultural Biologist III
Agricultural Biologist III
Agricultural Biologist III

GRIDLEY DISTRICT

Mike Stewart
Ramon Jauregui

Supervisor-Agricultural Biologist
Agricultural Biologist III

1998

FRUIT AND NUT ACREAGE STATISTICS

<u>Orchard Crops</u>	<u>Bearing Acreage *</u>	<u>Non-Bearing Acreage *</u>	<u>Total Acreage *</u>
Almond	31,117	5,889	37,006
Apples	412	0	412
Apricots	41	0	41
Avocado	3	0	3
Cherries	203	0	203
<u>Citrus</u>			
Mandarins	53	4	57
Navels & Valencias	179	5	184
Grapes (All)	166	7	173
Guava (Feijoa)	27	0	27
Kiwifruit	1,333	0	1,333
Nectarines	6	1	7
Olives	3,024	0	3,024
Peaches, Clingstone	2,140	66	2,206
Peaches, Freestone	75	0	75
Pears (All)	11	0	11
Pecans	89	40	129
Persimmons	32	15	47
Pistachio	607	8	615
Plum	66	0	66
Prunes	11,705	2,824	14,529
Walnuts, English	18,049	1,307	19,356
Walnuts, Black	10	45	55
TOTAL	69,348	10,211	79,559

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

1998

FRUIT AND NUT CROPS ACREAGE, PRODUCTION AND VALUE

CROP	YEAR	PRODUCTION		TOTAL	UNIT	PER UNIT	VALUE
		HARVESTED ACREAGE	PER ACRE				TOTAL
ALMOND	1998	31,117	0.47	14,625	ton	\$3,009.00	\$44,007,000
	1997	31,814	0.88	27,996	ton	3100.00	86,788,000
HULLS	1998			16,725	ton	64.00	1,070,000
	1997			34,995	ton	78.00	2,730,000
APPLES (All)	1998	475	11.5	5,463	ton	824.00	4,502,000
	1997	304	6.55	1,991	ton	212.00	422,000
KIWIFRUIT	1998	1,333	6.30	8,398	ton	760.00	6,383,000
	1997	1,497	7.65	11,452	ton	1175.00	13,456,000
OLIVES	1998	1,500	1.87	2,804	ton	373.00	1,046,000
	1997	3,037	2.49	7,562	ton	626.00	4,734,000
ORANGES	1998	90	5.00	450	ton	451.00	203,000
	1997	100	6.20	620	ton	440.00	273,000
PEACHES, Clingstone	1998	2,140	15.50	33,170	ton	225.00	7,463,000
	1997	2,323	16.80	39,000	ton	218.00	8,502,000
PISTACHIO	1998	607	0.24	146	ton	2000.00	291,000
	1997	564	0.51	288	ton	2260.00	651,000
PRUNES, dried	1998	11,205	1.20	13,446	ton	785.00	10,555,000
	1997	11,130	2.45	27,269	ton	800.00	21,815,000
WALNUTS, English	1998	18,049	1.34	24,272	ton	1124.00	27,282,000
	1997	15,563	1.69	26,302	ton	1280.00	33,667,000
*MISC	1998	965					2,719,000
	1997	1,531					3,877,000
TOTAL	1998	67,481					\$105,521,000
	1997	67,339					176,450,000

*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.

1998

FIELD 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 edible	1998	1,375	0.85	1,169	ton	\$640.00	\$748,000
	1997	3,200	0.96	3,072	ton	592.00	1,819,000
CORN	1998	550	4.40	2,424	ton	85.00	206,000
	1997	900	5.41	4,825	ton	111.00	536,000
HAY, alfalfa	1998	3,025	4.33	13,098	ton	115.00	1,506,000
	1997	2,960	6.39	18,914	ton	106.00	2,005,000
HAY, grain	1998	800	2.35	1,880	ton	55.00	103,000
	1997	1,100	2.30	2,530	ton	97.00	245,000
PASTURE, irrigated	1998	18,410			*acre	109.00	2,007,000
	1997	18,422			*acre	109.00	2,008,000
PASTURE, other	1998	269,000			*acre	10.00	2,690,000
	1997	270,000			*acre	10.00	2,700,000
RICE	1998	96,000	3.45	331,200	ton	220.00	72,864,000
	1997	98,500	4.29	422,565	ton	**210.00	88,739,000
SAFFLOWER	1998	1,000	0.6	600	ton	313.00	188,000
	1997	2,198	0.76	1,671	ton	328.00	548,000
SUGARBEETS	1998	0			ton		0
	1997	500	26.20	13,100	ton	31.75	416,000
WHEAT	1998	3,000	1.25	3,750	ton	80.50	302,000
	1997	3,295	2.23	7,348	ton	112.00	823,000
MISCELLANEOUS***	1998	10,687					6,116,000
	1997	6,113					2,227,000
TOTAL	1998	403,847					\$86,730,000
	1997	407,188					102,066,000

*Per acre value

**Includes government payments

***Barley, beans (other), cotton, ensilage, hays (other), lavender, sorghum, sudangrass hay, sunflower, other rice, wild rice, wild hay, crop by-products, etc.

1998

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	1998	750	1,576	1,182,000	lbs	\$0.31	\$366,000
	1997	2,407	1,954	4,703,000	lbs	0.35	1,646,000
RICE	1998	3,555	7,842	27,878,000	lbs	0.12	3,345,000
	1997	5,010	8,100	40,581,000	lbs	0.15	6,087,000
*MISC.	1998	3,884					1,997,000
	1997	3,188					2,172,000
TOTAL	1998	8,178					\$5,708,000
	1997	10,605					9,905,000

*Barley, beans (other), cucurbits, oats, melons, peas, pumpkin, safflower, squash, sudangrass, 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	1998	750					\$550,000
	1997	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	1998	255,000	43.00	2,388,000	Plants	\$3,610,000
	1997	233,560	68.50	3,298,000	Plants	5,350,000

*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.

1998

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	1998	51,630	Colony	\$40.25	\$2,079,000
	1997	48,750	Colony	37.00	1,804,000
*OTHER APIARY PRODUCTS	1998				325,000
	1997				425,000
TOTAL	1998				\$2,404,000
	1997				2,229,000

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

HARVESTED TIMBER

<u>YEAR</u>	<u>PRODUCTION BOARD FEET*</u>	<u>VALUE</u>
**1998	97,495,000	\$33,670,000
**1997	91,606,000	32,603,000

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

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

1998

**LIVESTOCK AND POULTRY
PRODUCTION AND VALUE**

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>			<u>PER UNIT</u>	<u>VALUE</u>
		<u>NO. OF HEAD</u>	<u>TOTAL LIVE WEIGHT</u>	<u>UNIT</u>		<u>TOTAL</u>
CATTLE AND CALVES	1998	12,650	80,960	cwt.	\$61.50	\$4,979,000
	1997	12,500	78,748	cwt.	63.10	4,969,000
SHEEP, all	1998	1,175	1,417	cwt.	74.80	106,000
	1997	1,200	1,464	cwt.	91.60	134,000
HOGS, all	1998	10,900	25,000	cwt.	34.00	850,000
	1997	10,900	25,000	cwt.	54.70	1,368,000
*MISC.	1998					875,000
	1997					900,000
TOTAL	1998					\$6,810,000
	1997					7,371,000

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

LIVESTOCK PRODUCTS

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>VALUE</u>
					<u>TOTAL</u>
MILK, Market*	1998	101,393	cwt.	\$16.43	\$1,666,000
	1997	115,675	cwt.	13.76	1,591,000
MILK, Manufacturing*	1998	23,354	cwt.	13.74	321,000
	1997	5,166	cwt.	10.88	56,000
TOTAL	1998				\$1,987,000
	1997				1,647,000

*CALIFORNIA CROP AND LIVESTOCK REPORTING SERVICE FIGURES

JANUARY 1 ESTIMATED INVENTORIES OF LIVESTOCK

	1998	1999
CATTLE AND CALVES, all	22,000	22,250
MILK COWS	825	860
SHEEP, all	1,000	950
HOGS, all	7,300	7,300

1998

MILLION DOLLAR CROPS

	CROP	VALUE
1	Rice	\$72,864,000
2	Almonds	44,007,000
3	Timber	33,670,000
4	Walnuts, English	27,282,000
5	Prunes	10,555,000
6	Peaches, Clingstone	7,463,000
7	Kiwifruit	6,383,000
8	Field Crops, Miscellaneous	6,116,000
9	Cattle/Calves	4,979,000
10	Apples	4,502,000
11	Nursery Stock	3,610,000
12	Rice Seed	3,345,000
13	Fruit and Nut Crops, Misc.	2,719,000
14	Dryland Pasture and Range	2,690,000
15	Apiary Pollination	2,404,000
16	Pasture, Irrigated	2,007,000
17	Seed Crops, Miscellaneous	1,997,000
18	Milk, Market	1,666,000
19	Alfalfa Hay	1,506,000
20	Almond Hulls	1,070,000
21	Olives	1,046,000

1998

FIVE-YEAR SUMMARY OF CROP VALUES

	1994	1995	1996	1997	1998
Field Crops	\$98,494,000	*\$84,239,000	\$98,004,000	\$102,066,000	\$86,730,000
Seed Crops	7,228,000	6,183,000	10,369,000	9,905,000	5,708,000
Vegetable Crops	977,000	720,000	650,000	550,000	550,000
Fruit and Nut Crops	* 157,457,000	151,351,000	159,351,000	176,450,000	105,521,000
Nursery Stock	6,400,000	* 7,437,000	4,485,000	5,350,000	3,610,000
Apiary Products	1,499,000	* 1,957,000	2,145,000	2,229,000	2,404,000
Livestock and Poultry and Livestock Products	9,286,000	8,385,000	7,810,000	9,018,000	8,797,000
Subtotal	*\$281,341,000	*\$260,272,000	*\$282,814,000	\$305,568,000	\$213,320,000
Timber	48,700,000	38,874,000	40,417,000	32,603,000	33,670,000
Grand Total	*\$330,041,000	*\$299,146,000	*\$323,231,000	\$338,171,000	\$246,990,000

*Addition corrections from original year's reports.

FIVE YEAR SUMMARY OF PLANT CROP ACREAGE

	1994	1995	1996	1997	1998
Field Crops	407,247	394,616	405,835	407,188	403,847
Seed Crops	7,856	7,068	10,230	10,605	8,178
Vegetable Crops	1,315	1,000	900	750	750
Fruit and Nut Crops	70,231	68,542	66,013	67,339	67,481
Grand Total	486,649	471,226	482,978	485,882	480,256

BUTTE COUNTY 1998 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	8,845 packages inspected (UPS, Post Office, Federal Express, trucks)	12 rejections issued
<u>PEST DETECTION</u>		
Gypsy Moth, Medfly, Japanese Beetle, Oriental & Melon Fruitflies, Khapra Beetle	505 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	2659

THE HISTORY OF THE UNITED STATES OF AMERICA

CHAPTER I
THE DISCOVERY OF AMERICA

In the year 1492, Christopher Columbus, an Italian navigator, discovered the continent of America. He was sailing for the Indies when he reached the island of San Salvador in the West Indies.

At the time of his discovery, the continent was inhabited by a number of different tribes of Indians. The most numerous of these were the Aztecs and the Incas.

The Aztecs were a powerful people who lived in the valley of Mexico. They were ruled by a king who was called Montezuma.

The Incas were a powerful people who lived in the mountains of Peru. They were ruled by a king who was called Pizarro.

When Columbus discovered America, he found that the Indians were very friendly to him. They gave him food and shelter, and he was able to travel through the country without any difficulty.

But when the Spaniards came to America, they found that the Indians were very different. They were very brave and very warlike.

The Spaniards were very much surprised at the bravery of the Indians. They had never seen any people so brave before.

The Spaniards were very much interested in the Indians. They wanted to know more about them and their customs.

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