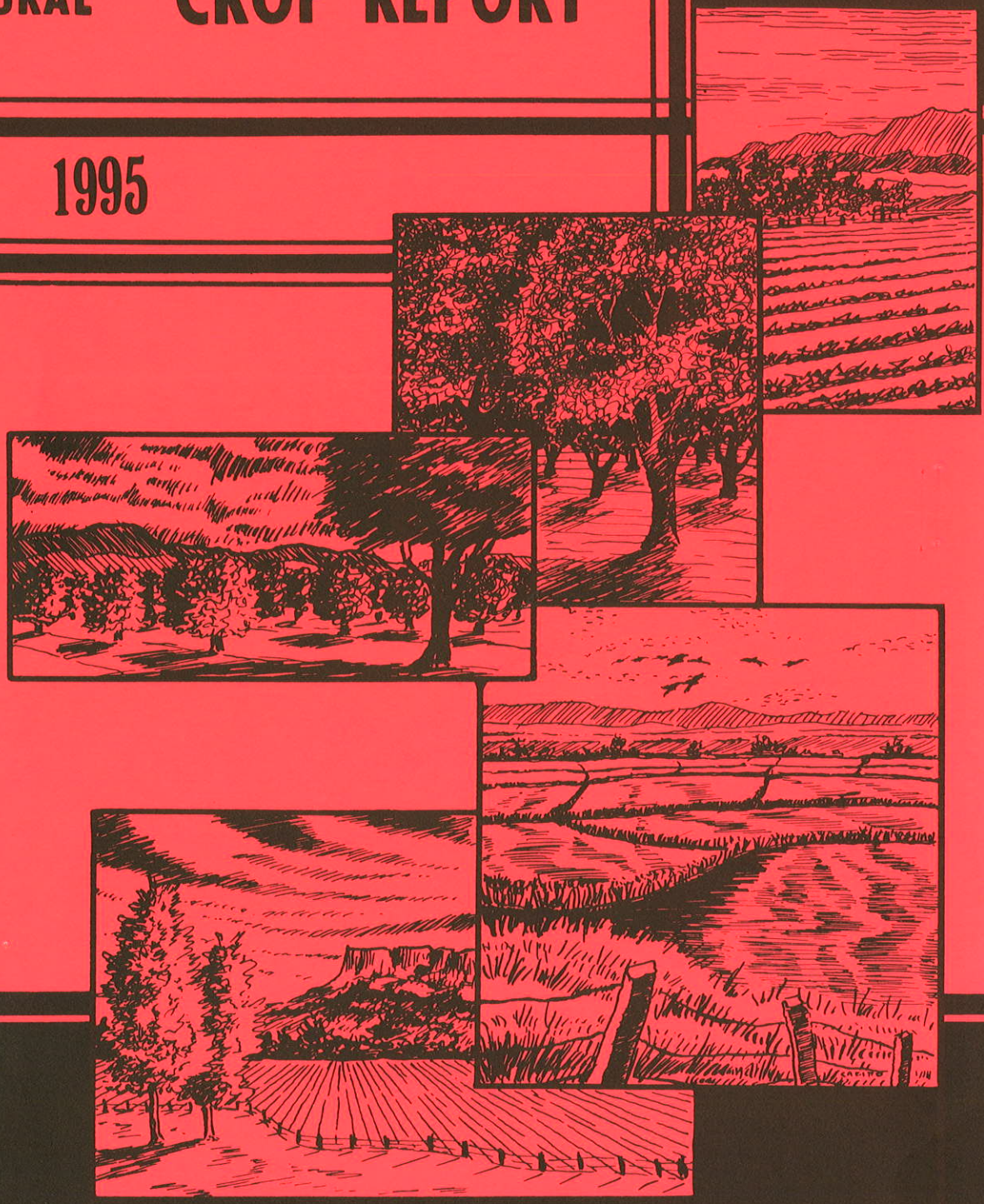
BUTTE COUNTY

AGRICULTURAL CROP REPORT

1995



AGRICULTURAL COMMISSIONER

Butte County

LAND OF NATURAL WEALTH AND BEAUTY

OFFICES OF AGRICULTURAL COMMISSIONER
WEIGHTS AND MEASURES

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Director of Weights and Measures

LOUIE B. MENDOZA, JR.
Assistant Agricultural Commissioner
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Ann Veneman, Secretary
California Department of Food and Agriculture

The Honorable Board of Supervisors
County of Butte

Ed McLaughlin, Chair
Jane Dolan — Vivian Meyer
Mary Ann Houx — Gordon Thomas

John Blacklock, Chief Administrative Officer

In accordance with provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the fifty-sixth annual crop report of agricultural production in Butte County.

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 in 1995 totaled $298,728,000. This is a 31.3 million dollar decrease over the 1994 production total of $330,043,000. This is the largest gross value decrease since the 1983 crop year where a 42.5 million dollar decrease was reported and was preceded by a 43.2 million dollar decrease for the 1982 crop year.

Walnut production showed the largest increase of the values reported. A significant decline is noted in fruit and nut crops and field crops which is partly due to the winter and spring weather. A 10 million dollar decrease in the timber value is very significant.

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

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

Marion Brenden	Administrative Svcs. Asst.
Charmaigne Damron	Office Assistant II
Cheryl Paul	Office Assistant I
Marie Heinemeyer	Ag/W&M Inspector

CHICO DISTRICT

Robert Voorhees	Supervisor-Ag. Biologist
Ken Ewing	Agricultural Biologist III
Robert Hill	Agricultural Biologist III
Mary Davis	Agricultural Biologist II
Stephen Scheer	Agricultural Biologist II
Stephen Weston	Agricultural Biologist II

GRIDLEY DISTRICT

Mike Stewart	Supervisor-Ag. Biologist
Ramon Jauregui	Agricultural Biologist III

The 1995 Butte County crop report is dedicated to Marion J. Brendon who retired after 13 1/2 years of service as Administrative Services Assistant with the department.

She worked over 15 years for the County of Butte. Her many years of public service to the residents of the county is hereby acknowledged and appreciated.

1995

FRUIT AND NUT ACREAGE STATISTICS

Orchard Crops	Bearing Acreage*	Non-Bearing Acreage	Total Acreage*
Almond	35,983	1,826	37,809
Apples	263	160	423
Apricots	29	0	29
Avocado	3	0	3
Cherries	4	200	204
Citrus			0
Mandarins	54	5	59
Navels & Valencias	238	5	243
Grapes (All)	172	9	181
Guava (Feijoa)	46	0	46
Kiwi	1,437	0	1,437
Nectarines	2	0	2
Olives	3,073	3	3,076
Peaches, clinstone	2,039	483	2,522
Peaches, freestone	65	1	66
Pears (All)	15	0	15
Pecans	33	96	129
Persimmons	32	5	37
Pistachio	554	62	616
Plum	8	50	58
Prunes	10,463	2,111	12,574
Walnuts, English	16,444	1,551	17,995
Walnuts, Black	11	0	11
TOTAL	70,968	6,567	77,535

*Data from California Crop and Livestock Reporting Service and other sources.
Figures not adjusted for losses caused by storms in 1995.

1995

FIELD CROPS
ACREAGE, PRODUCTION AND VALUE

CROP	YEAR	PRODUCTION ACREAGE	PER ACRE	TOTAL	VALUE PER UNIT	UNIT	TOTAL
Barley	1995	***					$
	1994	1,357	1.20	1,628	ton	98.26	160,000
Beans, dry	1995	2,650	0.82	2,173	ton	457.00	993,000
edible	1994	2,776	1.04	2,877	ton	614.00	1,766,000
Corn	1995	475	4.80	2,280	ton	128.00	292,000
	1994	595	4.40	2,618	ton	102.37	268,000
Hay, alfalfa	1995	2,360	5.40	12,744	ton	115.00	1,466,000
	1994	2,360	6.70	15,812	ton	106.00	1,676,000
grain	1995	450	3.00	1,350	ton	85.00	115,000
	1994	1,573	3.40	5,340	ton	76.59	409,000
Pasture,	1995	18,470			*acre	109.00	2,013,000
irrigated	1994	18,500			*acre	109.03	2,017,000
other	1995	270,000			*acre	10.00	2,700,000
	1994	270,000			*acre	9.00	2,430,000
Rice	1995	86,400	3.99	344,736	ton **	210.00	72,395,000
	1994	95,100	4.14	393,714	ton **	210.00	82,680,000
Safflower	1995	1,765	0.85	1,500	ton	299.00	449,000
	1994	1,513	0.65	984	ton	289.57	285,000
Sugarbeets	1995	1,051	24.80	26,065	ton	31.00	808,000
	1994	1,735	32.71	56,750	ton	32.00	1,816,000
Wheat	1995	3,780	2.10	7,938	ton	108.00	857,000
	1994	6,691	2.80	18,735	ton	106.70	1,999,000
Miscellaneous ***	1995	7,215					2,151,000
	1994	5,047					2,988,000
TOTAL	1995	394,616					$84,239,000
	1994	407,247					98,494,000

*Per acre value
**Adjusted target price
***Barley, corn silage, cotton, oats, pumpkins, ryegrass, sorghum, sudangrass hay, sunflower, tomato, other rice, wild rice, wild hay, crop by-products, etc.

1995

SEED CROPS

ACREAGE, PRODUCTION AND VALUE

		PRODUCTION			VALUE		
Crop	Year	Harvested Acreage	Per Acre	Total	Per Unit	Unit	Total
Beans, dry	1995	1,905	1,476	2,812,000	lbs	0.39	$1,098,000
kidney	1994	1,825	2,093	3,820,000	lbs	0.32	1,222,000
Rice	1995	4,033	7,430	29,964,000	lbs	0.138	4,135,000
	1994	4,872	8,280	40,340,000	lbs	0.125	5,043,000
*Misc.	1995	1,130					950,000
	1994	1,159					963,000
Total	1995	7,068					$6,183,000
	1994	7,856					7,228,000

*Barley, beans (other), clover, cucurbits, oats, melons, peas, pumpkin, safflower, squash, sudangrass, sunflower, tomato, triticale, vetch, and wheat.

VEGETABLE CROPS

ACREAGE, PRODUCTION, AND VALUE

		PRODUCTION			VALUE		
Crop	Year	Harvested Acreage	Per Acre	Total	Per Unit	Unit	Total
*Misc	1995	1,000					$720,000
	1994	1,315					977,000

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

1995

FRUIT AND NUT CROPS
ACREAGE, PRODUCTION AND VALUE

Crop	Year	Bearing Acreage	PRODUCTION Per Acre	PRODUCTION Total	VALUE Unit	VALUE Per Unit	VALUE Total
Almond	1995	34,183	0.41	14,015	ton	5,000.00	$70,075,000
	1994	35,970	0.87	31,294	ton	2,400.00	75,105,000
Hulls	1995			17,309	ton	84.00	1,454,000
	1994			39,118	ton	60.00	2,347,000
Apples (All)	1995	263	6.90	1,815	ton	500.00	907,000
	1994	174	5.00	870	ton	424.14	369,000
Kiwifruit	1995	1,437	5.00	7,185	ton	880.00	6,323,000
	1994	1,441	7.50	10,808	ton	1,315.01	14,212,000
Olives	1995	2,570	2.70	6,939	ton	512.00	3,553,000
	1994	3,130	1.80	5,634	ton	492.01	2,772,000
Oranges	1995	100	5.10	510	ton	337.00	172,000
	1994	100	2.20	220	ton	400.00	88,000
Mandarins & Tangerines	1995	40	11.00	440	ton	559.00	246,000
	1994	40	10.40	416	ton	451.92	188,000
Peaches, Clingstone	1995	2,050	11.40	23,370	ton	209.00	4,884,000
	1994	2,503	16.80	42,050	ton	185.00	7,779,000
Prunes, dried	1995	10,460	2.50	26,150	ton	1,120.00	29,288,000
	1994	10,269	2.50	25,673	ton	1,050.00	26,956,000
Walnuts, English	1995	16,444	1.50	24,666	ton	1,350.00	33,299,000
	1994	15,711	1.52	23,881	ton	1,075.00	25,672,000
*Misc	1995	995					1,150,000
	1994	893					1,969,000
Total	1995	68,542					$151,351,000
	1994	70,231					157,457,000

*Apricots, Avocados, Black Walnuts, Bushberries, Cherries, Chestnut, Grapes, Nectarines, Peaches (freestone), Peach By Products, Pears, Pecans, Persimmons, Pistachio, Plums, Strawberries, etc.

Acres may vary from State Report

1995

NURSERY PRODUCTS
PRODUCTION AREA, SALES AND VALUE

		PRODUCTION AREA			VALUE	
Item	Year	House Sq. Ft.	Field Acres	Sold by Producers	Unit	Total
*Nursery	1995	274,296	84.50	2,327,871	Plants	$7,437,000
Stock	1994	310,200	126.00	4,037,000	Plants	6,400,000

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

APIARY PRODUCTS
PRODUCTION AND VALUE

		PRODUCTION		VALUE	
Item	Year	Total	Unit	Unit	Total
Pollination	1995	46,450	Colony	36.00	$1,672,000
	1994	46,241	Colony	31.66	1,464,000
*Other Apiary	1995				285,000
Products	1994				35,000
Total	1995				$1,957,000
	1994				1,499,000

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

1995

LIVESTOCK AND POULTRY PRODUCTION AND VALUE

Item	Year	PRODUCTION No. of Head	Total Live Weight	Unit	VALUE Per Unit	Total
Cattle and Calves	1995	12,400	76,880	cwt.	57.00	$4,382,000
	1994	12,329	73,974	cwt.	69.20	5,119,000
Sheep, ALL	1995	1,500	1,869	cwt.	79.19	148,000
	1994	1,419	1,768	cwt.	65.61	116,000
Hogs, ALL	1995	11,700	26,910	cwt.	39.99	1,076,000
	1994	12,450	28,641	cwt.	47.10	1,349,000
*Misc.	1995					950,000
	1994					906,000
Total	1995					$6,556,001
	1994					7,490,000

*Fish, Meat Poultry, Pheasant, Quail, Rabbits, Ducks, Chicken Eggs, etc.

LIVESTOCK PRODUCTS

Item	Year	Production	Unit	VALUE Per Unit	Total
Milk, Market*	1995	130,249	cwt.	12.57	$1,637,000
	1994	143,546	cwt.	12.32	1,769,000
Manufacturing* Milk	1995	16,160	cwt.	11.76	190,000
	1994	2,359	cwt.	10.17	24,000
Wool	1995	4,560	lb.	0.59	2,700
	1994	6,000	lb.	0.50	3,000
Total	1995				$1,829,700
	1994				1,796,000

*California Crop and Livestock Reporting Service Figures

1995

HARVESTED TIMBER

Year	Production Board Feet*	Value
1995	91,686,000	$38,874,000
**1994	97,700,000	48,700,000

* Board feet is the quantity of timber cut and scaled

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

JANUARY 1 ESTIMATED INVENTORIES OF LIVESTOCK

	1995	1996
Cattle and Calves, ALL	21,000	20,000
Milk Cows	1,400	1,300
Sheep, ALL	3,000	2,000
Hogs, ALL	7,500	7,500

1995

MILLION DOLLAR CROPS

	CROP	VALUE
1	Rice	$72,395,000
2	Almonds	70,075,000
3	Timber	38,874,000
4	Walnuts, English	33,299,000
5	Prunes	29,288,000
6	Nursery Stock	7,437,000
7	Kiwifruit	6,323,000
8	Peaches, Clingstone	4,884,000
9	Cattle/Calves	4,382,000
10	Rice Seed	4,135,000
11	Olives	3,553,000
12	Dryland Pasture and Range	2,700,000
13	Field Crops, Miscellaneous	2,151,000
14	Pasture, Irrigated	2,013,000
15	Apiary Pollination	1,692,000
16	Milk, Market	1,637,000
17	Alfalfa Hay	1,466,000
18	Almond Hulls	1,454,000
19	Fruit and Nut Crops, Miscellaneous	1,150,000
20	Bean Seed, Dry, Edible	1,098,000
21	Hogs, All	1,076,000

1995

FIVE YEAR SUMMARY OF CROP VALUES

	1991	1992	1993	1994	1995
Field Crops	$77,575,000	$85,210,000	$85,585,000	$98,494,000	$84,404,000
Seed Crops	5,927,000	5,258,000	5,571,000	7,228,000	6,183,000
Vegetable Crops	946,000	1,049,000	928,000	977,000	720,000
Fruit and Nut Crops	138,846,000	155,519,000	168,634,000	157,459,000	151,351,000
Nursery Stock	3,467,000	5,085,000	6,351,000	6,400,000	7,000,000
Apiary Products	1,582,000	1,520,000	1,508,000	1,499,000	1,977,000
Livestock and Poultry	11,128,000	11,379,000	9,118,000*	9,286,000	8,385,000
subtotal	$239,471,000	$265,020,000	$277,695,000	$281,343,000	$260,020,000
Timber	13,000,000	10,789,000	50,505,000	48,700,000	38,874,000
GRAND TOTAL	**$252,471,000**	**$275,809,000**	**$328,200,000***	**$330,043,000**	**$298,894,000**

*Recalculated Figure for 1993 only

FIVE YEAR SUMMARY OF PLANT CROP ACREAGE

	1991	1992	1993	1994	1995
Field Crops	393,086	397,771	397,338	407,247	394,616
Seed Crops	6,870	6,355	6,791	7,856	7,068
Vegetable Crops	1,245	1,382	1,240	1,315	1,000
Fruit and Nut Crops	69,359	69,882	70,856	70,231	68,542
GRAND TOTAL	**470,560**	**475,390**	**476,225**	**486,649**	**471,226**

BUTTE COUNTY 1995 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.

Pest	Agent/Mechanism	Scope of Program
PEST EXCLUSION		
Exotic Pests	24,639 packages inspected (UPS, Post Office, Federal Express, trucks)	39 rejections issued
PEST DETECTION		
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
PEST ERADICATION		
Dalmation Toadflax Spotted Knapweed Hoary Cress Perennial Peppergrass White Horsenettle	Controlled by a combination of mechanical and chemical methods.	26 sites spread throughout the county
Western Grapeleaf Skeletonizer	Larvae Fly & Larvae Wasp Ametadoria misella Apantelas harrisinae	Chico/Oroville areas.
PEST MANAGEMENT - BIOLOGICAL CONTROL		
Yellowstar Thistle Centaurea solstitialis	Seed Weevils (3 Genus) Bangasternus/Urophora/Eustenopus	Nursery sites
Klamath Weed Hypericum perforatum	Klamath Beetle Chrysoline gemellata	Generally distributed
Puncture Vine Tribulus terrestris	Stem & Seed Weevils Microlarinus lypriformis	Generally distributed
Italian Thistle Carduus tenuiflorus Carduus pycnocephalus	Seed Head Weevil Rhinocyllus conicus	Generally distributed
Ash Whitefly Siphoninus phillyreae	A parasitic wasp Encarsia partenopea	General distribution throughout the county

ORGANIC FARMING STATISTICS

Crops	Number of Farms	Estimated Acres
Various	42	2900