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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

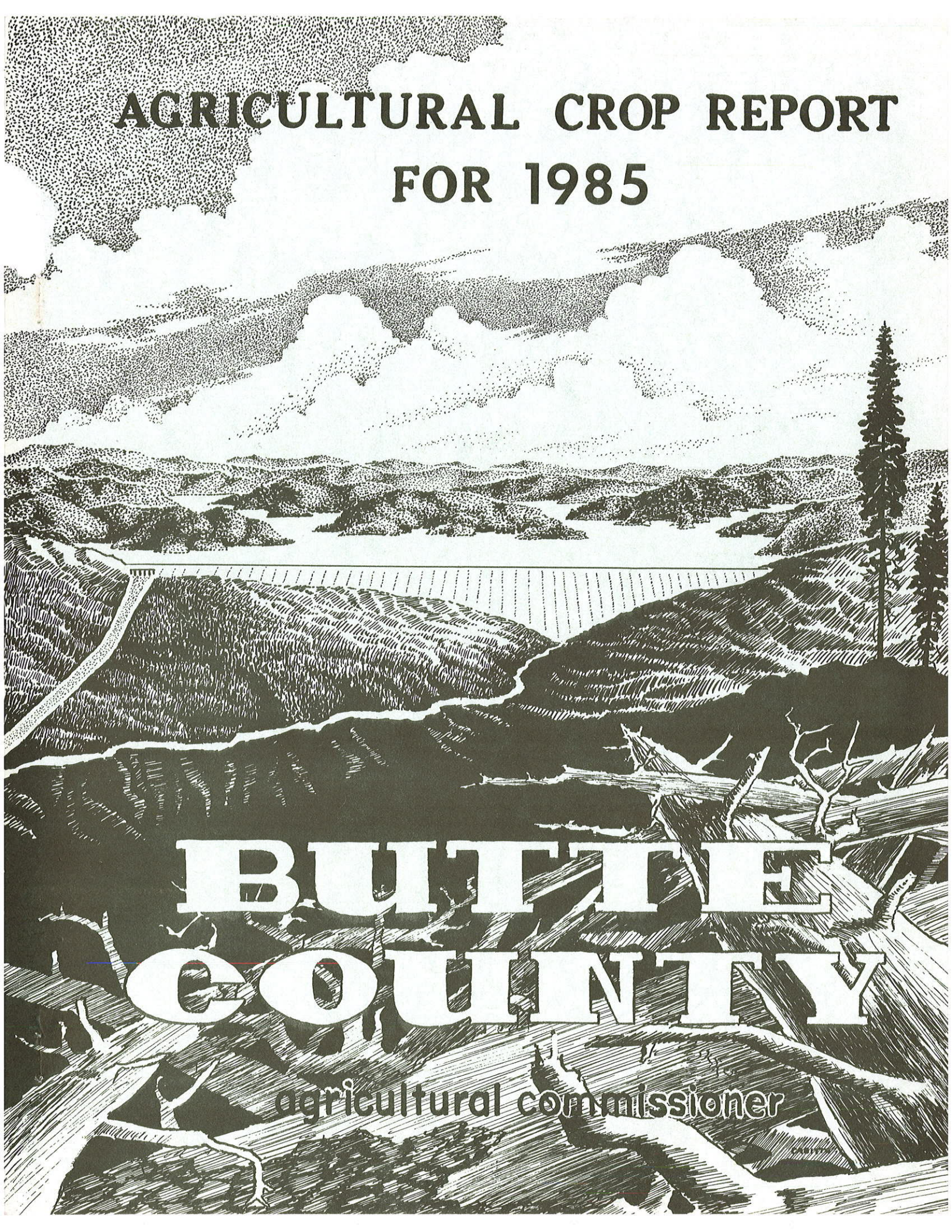
Butte County

1985-1989

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.

This digitization project was funded by the Giannini Foundation of Agricultural Economics,
<http://giannini.ucop.edu/> .

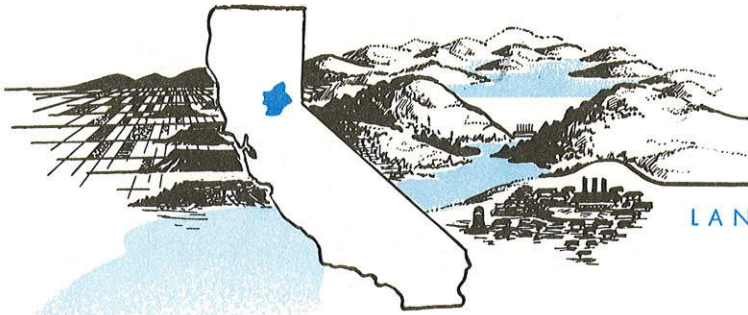
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**AGRICULTURAL CROP REPORT
FOR 1985**

**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

Ed McLaughlin - District 4 - Chairperson
Hack McInturf - District 1 Hilda Wheeler - District 3
Jane Dolan - District 2 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-seventh annual Crop Report of Agricultural Production in Butte County for the year 1985.

The 1985 estimated gross value of agricultural products produced on 509,122 acres totaled \$169,749,000. This is a decrease of \$25,288,000 from the 1984 production year total of \$195,037,000 which was produced on 523,391 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.

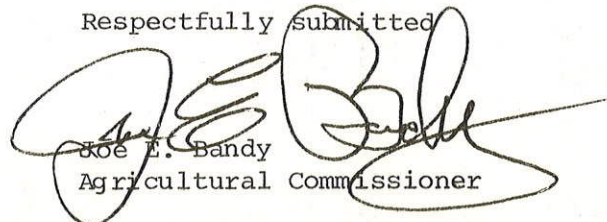
The majority of income loss can be attributed to a decrease in the acreage and to lower production and price in almonds. There has been a decline in both production and price in many crops throughout the county. Crops registering higher in gross values in 1985 were walnuts, prunes and dry beans. A summary of 1985 crop values is included in this report.

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, Nicholas Surjan and Robert Voorhees 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
Mark Brown	Agricultural Pest Control Worker
David Castillo	Agricultural Pest Control Worker
Keith Jones	Agricultural Pest Control Worker
John Rogers	Hunter/Trapper
Marion Brenden	Secretary I
Charmaine Damron	Typist Clerk II

CHICO DISTRICT

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

GRIDLEY DISTRICT

Mike Stewart	Senior Agricultural Biologist
Nick Surjan	Agricultural Biologist III

CROP SUMMARY
1985

Field Crops

Overall values declined by \$6,126,000 with rice and sugarbeets showing major decreases; dry beans showed an increase due to better yield and increased acreage.

Seed Crops

Values were up \$651,000 with significant increases in bean and sunflower seed.

Vegetable Crops

Values were down slightly due to reduced acreage.

Fruit and Nut Crops

Values decreased \$17,932,000, with almonds showing the largest reduction. The value of walnuts, prunes and olives showed increases while most other fruit and nut crops showed some decline in value.

Nursery Stock

Values were down \$766,000.

Apiary Products

Value of apiary products remained fairly stable.

Livestock and Poultry

Values were down \$1,983,000 with most livestock and poultry showing decreases.

Timber Harvest

Value and production figures for timber harvest remained stable in 1984. Immediate past-year figures not available at time of production.

The total 1985 agricultural commodity value decreased by \$25,288,000 from the previous year.

The crop values expressed in this report are gross receipts to growers and should not be confused with net income. The decrease in total crop value, combined with continuing high financing costs, higher production costs, lower prices, reduced farm equity and programs limiting planting, reflect the continuing problems facing agriculture.

FRUIT AND NUT ACREAGE STATISTICS
1985

Orchard Crops	Acreage	Non-Bearing Acreage	Total
Almond	37,676	1,254	38,930
Apples	191	2	193
Apricots	32	1	33
Avocado	3	0	3
Cherimoya	0	24	24
Cherries	2	0	2
<u>Citrus</u>			
Mandarins	55	0	55
Navels & Valencias	239	0	239
Grapes (all)	224	22	246
Guava (Feijoa)	0	23	23
Kiwi	786	572	1,358
Nectarines	3	0	3
Olives	2,633	10	2,643
Peaches, clingstone	1,934	191	2,125
Peaches, freestone	111	3	114
Pears	5	2	7
Pecans	27	2	29
Persimmons	7	2	9
Pistachio	423	95	518
Plums	4	0	4
Prunes	8,564	1,640	10,204
Walnuts, English	12,515	2,516	15,031
Walnuts, Black	<u>71</u>	<u>206</u>	<u>277</u>
Total	65,505	6,565	72,070

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	1985	5,300	1.6	8,500	ton	\$105.00	\$ 893,000
	1984	4,500	1.69	7,600	ton	132.00	1,003,000
Beans, dry edible	1985	6,300	0.99	6,240	ton	517.00	3,226,000
	1984	4,800	0.67	3,200	ton	600.00	1,920,000
Corn	1985	2,900	3.9	11,310	ton	98.00	1,108,000
	1984	2,000	4.1	8,200	ton	113.00	927,000
Hay, alfalfa	1985	3,100	6.3	19,530	ton	86.00	1,680,000
	1984	3,500	7.0	24,500	ton	77.00	1,887,000
Grain	1985	3,700	2.25	8,330	ton	60.00	500,000
	1984	3,000	2.4	7,200	ton	55.00	396,000
Wild	1985	4,000	1.3	5,200	ton	43.00	224,000
	1984	5,100	1.39	7,100	ton	44.00	312,000
Oats	1985	800	0.96	770	ton	129.00	99,000
	1984	900	0.98	880	ton	120.00	106,000
Pasture, irrigated	1985	19,700			*acre	106.00	2,088,000
	1984	19,700			*acre	106.00	2,088,000
Other	1985	290,000			*acre	6.00	1,740,000
	1984	290,000			*acre	6.00	1,740,000
Rice	1985	72,200	3.78	273,360	ton	131.00	35,810,000
	1984	89,000	3.52	313,280	ton	135.00	42,293,000
Sorghum, grain	1985	2,400	2.4	5,760	ton	84.00	484,000
	1984	2,200	2.2	4,800	ton	110.80	532,000
Sugar Beets	1985	1,300	24.69	32,100	ton	31.90	1,024,000
	1984	3,800	21.71	82,500	ton	36.30	2,995,000
Wheat	1985	15,500	2.3	35,650	ton	106.00	3,779,000
	1984	17,000	1.88	32,000	ton	114.00	3,648,000
**Miscellaneous	1985	3,800					2,205,000
	1984	5,300					1,139,000
Total	1985	431,000					\$54,860,000
	1984	450,800					60,986,000

* 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	1985	700	2,400	1,680,000	lb.	.09	\$ 151,000
	1984	1,100	2,300	2,530,000	lb.	.08	202,000
Beans	1985	1,530	1,729	2,646,000	lb.	.33	873,000
	1984	550	1,498	824,000	lb.	.34	280,000
Oats	1985*						
	1984	400	2,000	800,000	lb.	.09	72,000
Rice	1985	5,621	7,600	42,720,000	lb.	.11	4,699,000
	1984	5,600	7,500	42,000,000	lb.	.11	4,620,000
Vetch	1985	650	818	532,000	lb.	.19	101,000
	1984	900	988	889,000	lb.	.19	169,000
Wheat	1985	1,200	2,194	2,633,000	lb.	.06	158,000
	1984	1,000	2,000	2,000,000	lb.	.06	120,000
**Miscellaneous	1985	1,316					658,000
	1984	880					526,000
Total	1985	11,017					\$6,640,000
	1984	10,430					5,989,000

*Included under miscellaneous to protect individual operations

**Cowpea, cucurbits, oats, sudan and sunflower

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Harvested Acreage	PRODUCTION		Per Unit	Per Unit	VALUE
			Per Acre	Total			Total
*Miscellaneous	1985	1,084					\$ 797,000
	1984	850					895,000

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

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE

Crop	Year	Bearing Acreage	PRODUCTION		Unit	VALUE	
			Per Acre	Total		Per Unit	Total
Almond	1985	37,676	.6	22,479	ton	\$1,300.00	\$29,223,000
	1984	34,587	.81	28,016	ton	1,700.00	47,627,000
Hulls	1985			27,474	ton	45.00	1,236,000
	1984			33,600	ton	40.00	1,344,000
Apples (ALL)	1985	191	6.1	1,165	ton	212.00	247,000
	1984	191	9.3	1,776	ton	266.00	472,000
Kiwifruit	1985	786	5.82	4,575	ton	1,920.00	8,784,000
	1984	602	7.3	4,395	ton	2,500.00	10,988,000
Olives	1985	2,633	2.4	6,316	ton	414.00	2,615,000
	1984	2,631	2.19	5,770	5on	432.00	2,493,000
Oranges	1985	239	5.77	1,380	ton	359.00	495,000
	1984	237	8.8	2,086	ton	273.00	569,000
Mandarins & Tangerines	1985	55	4.3	237	ton	420.00	100,000
	1984	53	4.7	249	ton	375.00	93,000
Peaches, Clingstone	1985	1,934	16.9	32,687	ton	185.00	6,047,000
	1984	1,956	18.0	35,208	ton	183.00	6,443,000
Prunes, dried	1985	8,564	2.36	20,186	ton	629.00	12,697,000
	1984	8,143	2.1	17,100	ton	680.00	11,628,000
Walnuts, English	1985	12,515	1.65	20,650	ton	761.00	15,715,000
	1984	11,965	1.7	20,341	ton	690.00	14,035,000
*Miscellaneous	1985	1,028					1,354,000
	1984	946					753,000
Total	1985	65,621					\$78,513,000
	1984	61,311					96,445,000

*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			VALUE	
		House Sq.Ft.	Field Acres	Sold by Producers	Unit	Total
* Nursery Stock	1985	85,000	75.0	5,113,000	plants	\$2,104,000
	1984	88,000	83.0	2,693,000	plants	2,870,000

*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		VALUE	
		Total	Unit	Unit	Total
Honey	1985	8,300	lb.	\$.58	\$ 4,800
	1984	9,100	lb.	.55	5,000
Beeswax	1985	4,200	lb.	1.00	4,200
	1984	- Insignificant amount reported.			
Package Bees	1985	63,450	lb.	5.07	322,000
	1984	49,945	lb.	5.97	298,000
Queen Bees	1985	34,800	each	5.78	201,000
	1984	45,600	each	5.59	255,000
Pollination	1985	41,040	colony	20.17	828,000
	1984	45,954	colony	17.65	<u>811,000</u>
Total	1985				\$1,360,000
	1984				1,369,000

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

Item	Year	No. of Head	PRODUCTION		VALUE	
			Total Live Weight	Unit	Per Unit	Total
Cattle and Calves	1985	30,000	240,000	cwt	48.80	\$11,712,000
	1984	31,000	248,000	cwt	53.80	13,342,000
Sheep and Lambs	1985	6,700	7,370	cwt	68.30	503,000
	1984	7,900	8,690	cwt	59.70	519,000
Hogs and Pigs	1985	7,400	22,200	cwt	47.30	1,050,000
	1984	7,400	22,200	cwt	49.70	1,103,000
*Miscellaneous	1985					964,000
	1984					1,043,000
Total	1985					\$14,229,000
	1984					\$16,007,000

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

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

Item	Year	Production	Unit	VALUE	
				Per Unit	Total
*Milk, Market	1985	243,000	cwt	12.17	\$2,957,000
	1984**	233,050	cwt	12.84	2,992,000
*Manufacturing	1985	29,000	cwt	11.06	321,000
	1984**	30,550	cwt	11.86	362,000
Eggs, Chicken Market	1985	720,000	doz.	.76	547,000
	1984	877,000	doz.	.70	614,000
Wool	1985	59,200	lb.	.60	36,000
	1984	76,300	lb.	.81	62,000
Total	1985				\$3,861,000
	1984**				\$4,030,000

*California Crop and Livestock Reporting Service Figure

**Revised State Figures

TIMBER HARVEST: PRODUCTION AND VALUE

<u>Year</u>	<u>Production Board Feet*</u>	<u>Value</u>
**1984	70,958,000	\$6,385,000
**1983	71,270,000	6,410,000

*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

	<u>1986</u>	<u>1985</u>
Cattle and Calves	30,000	31,000
Milk cows 2 years and over	1,500	1,500
Sheep and Lambs, All	6,700	7,900
Hogs and Pigs, All	7,400	7,400
Hens and Pullets of laying eggs	24,000	30,000

FIVE YEAR SUMMARY OF CROP VALUES

Commodities	1981	1982	1983	1984	1985
Field Crops	\$102,838,000	\$ 74,202,000	\$ 56,066,000	\$ 60,986,000	\$ 54,860,000
Seed Crops	10,764,000	8,526,000	5,232,000	5,989,000	6,640,000
Vegetable Crops	1,600,000	1,100,000	1,250,000	895,000	797,000
Fruit and Nut Crops	88,931,000	77,280,000	57,498,000	96,445,000	78,513,000
Nursery Stock	2,057,000	2,807,000	2,911,000	2,870,000	2,104,000
Livestock and Poultry	22,310,000	22,788,000	21,656,000	20,037,000*	18,090,000
Apiary Products	<u>1,947,000</u>	<u>1,490,000</u>	<u>1,437,000</u>	<u>1,369,000</u>	<u>1,360,000</u>
Subtotal	\$230,447,000	\$188,193,000	\$146,050,000	\$188,591,000*	\$162,364,000
Timber	<u>5,313,000</u>	<u>4,338,000</u>	<u>3,981,000</u>	<u>6,410,000</u>	<u>6,385,000</u>
Grand Total	<u>\$235,760,000</u>	<u>\$192,531,000</u>	<u>\$150,031,000</u>	<u>\$195,001,000*</u>	<u>\$168,749,000</u>

*Revised

FIVE YEAR SUMMARY OF PLANT CROP ACREAGES

Commodities	1981	1982	1983	1984	1985
Field Crops	503,400	481,650	416,500	450,800	431,000
Seed Crops	20,300	19,500	12,100	10,430	11,017
Vegetable Crops	1,600	1,100	1,200	850	1,084
Fruit and Nut Crops	<u>57,390</u>	<u>57,364</u>	<u>58,756</u>	<u>61,311</u>	<u>65,621</u>
Grand Total	<u>582,690</u>	<u>559,614</u>	<u>488,556</u>	<u>523,391</u>	<u>508,722</u>

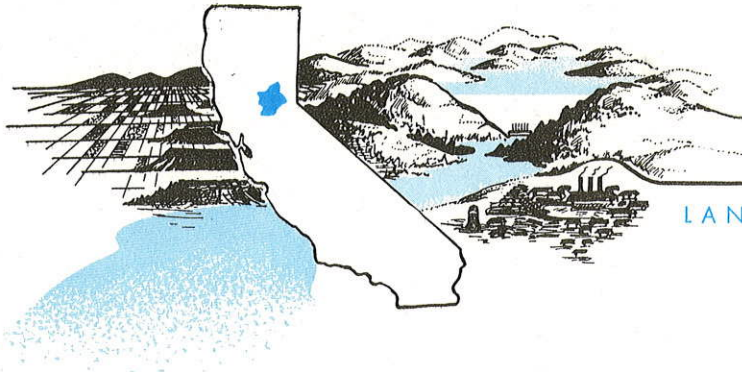
BUTTE COUNTY

AGRICULTURAL CROP REPORT

1986



agricultural commissioner



Butte County

LAND OF NATURAL WEALTH AND BEAUTY

**OFFICES OF AGRICULTURAL COMMISSIONER
WEIGHTS AND MEASURES
AIR POLLUTION CONTROL**

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Mail: P. O. Box 1229 - Telephone: (916) 538-7381

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CLARE L. BERRYHILL, DIRECTOR
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

THE HONORABLE BOARD OF SUPERVISORS
COUNTY OF BUTTE

Jane Dolan, Chairperson
Hack McInturf Karen Vercurse
Ed McLaughlin Len Fulton

In compliance with the requirement of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the forty-eighth annual Crop Report of Agricultural Production in Butte County for the year 1986.

The 1986 estimated gross value of agricultural products produced on 500,806 acres totaled \$187,177,000. This is an increase of \$18,435,000 from the 1985 production year total of \$168,742,000 which was produced on 508,722 acres.

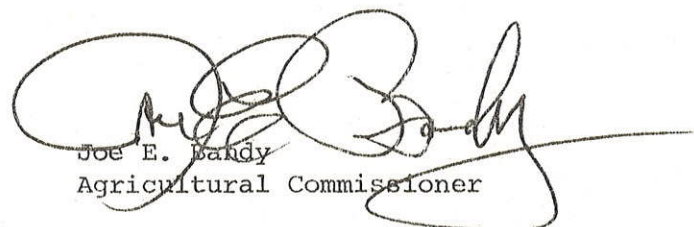
Agriculture continues to be the leading industry in the county; however, with a few notable exceptions, lower prices for agricultural commodities and increased production costs have caused a continued decline in net income for producers. The crop which is primarily responsible for the gross income increase in Butte County in 1986 was almonds. During the past year there was an increase in bearing acreage and a significant price increase resulting in an increased value for almonds of \$21,653,000 over the 1985 value. Walnuts, kiwis, rice, sugarbeets and new production of feijoas also produced gains in 1986 over the previous year's production.

Income losses can be attributed to decreases in acreage, lower production and decreased prices. The spring of 1986 brought severe flooding to Butte County directly damaging some crops in the flood zone and those orchard crops in bloom and created continuing problems for many other crops.

Please note that gross values are utilized in this report and they do not reflect the actual net returns to producers.

The finalizing and issuance of a meaningful report on diversified agricultural production requires the combined efforts of many. I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to my staff, with special thanks to Dennis Pooler and Harrie Riley for their efforts in the compilation of this report.

Respectfully submitted,



Joe E. Bandy
Agricultural Commissioner

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CROP SUMMARY
1986

FIELD CROPS

Overall values declined by \$1,262,000 with barley, grain sorghum and hay showing minor decreases; corn and wheat showed major decreases. Rice values increased and sugarbeets increased in value due to increased acreage.

SEED CROPS

Values were generally down significantly due to lower price and acreage reductions.

VEGETABLE CROPS

Values were down slightly due to decreased acreage.

FRUIT AND NUT CROPS

Values increased \$26,202,000, with almonds showing the largest increase, \$21,653,000, due to increased acreage and significantly higher price: Kiwi values increased due to increased acreage coming into production. Walnut values were higher due to increased acreage and price. Olives, clingstone peaches, prunes and miscellaneous fruit and nut crops showed a decline in value due to lower production caused primarily by inclement spring weather.

NURSERY STOCK

Values were up slightly due to increased prices.

APIARY PRODUCTS

Values declined slightly due to a decrease in sales of queen and package bees.

LIVESTOCK AND POULTRY

Values were down \$2,939,000 with cattle and calves, poultry products and dairy products showing decreases.

TIMBER HARVEST

Value of timber products declined by \$724,000.

The total 1986 agricultural commodity value increased by \$18,435,000 from the previous year. This increase is primarily accounted for by the increase in price for almonds.

FIELD CROPS
ACREAGE, PRODUCTION AND VALUE

Crop	Year	Acreage	PRODUCTION		Unit	VALUE	
			Per Acre	Total		Per Unit	Total
Barley	1986	4,500	1.5	6,750	ton	90.00	\$ 608,000
	1985	5,300	1.6	8,500	ton	105.00	893,000
Beans, dry edible	1986	4,900	.93	4,560	ton	690.00	3,145,000
	1985	6,300	.99	6,240	ton	517.00	3,226,000
Corn	1986	2,000	3.8	7,600	ton	80.00	608,000
	1985	2,900	3.9	11,310	ton	98.00	1,108,000
Hay, alfalfa	1986	2,900	5.9	17,110	ton	80.00	1,369,000
	1985	3,100	6.3	19,530	ton	86.00	1,680,000
grain	1986	3,900	2.2	8,580	ton	53.00	455,000
	1985	3,700	2.25	8,330	ton	60.00	500,000
wild	1986	4,000	1.0	4,000	ton	40.00	160,000
	1985	4,000	1.3	5,200	ton	43.00	224,000
Oats	1986	800	1.0	800	ton	127.00	102,000
	1985	800	.96	770	ton	129.00	99,000
Pasture irrigated	1986	19,700			*acre	106.00	2,088,000
	1985	19,700			*acre	106.00	2,088,000
Other	1986	290,000			*acre	6.00	1,740,000
	1985	290,000			*acre	6.00	1,740,000
Rice	1986	71,200	3.75	267,000	ton	138.00	36,846,000
	1985	72,200	3.78	273,360	ton	131.00	35,810,000
Sorghum, grain	1986	1,500	2.45	3,680	ton	70.00	258,000
	1985	2,400	2.4	5,760	ton	84.00	484,000
Sugar Beets	1986	2,300	24.34	55,980	ton	30.50	1,707,000
	1985	1,300	24.69	32,100	ton	31.90	1,024,000
Wheat	1986	12,500	2.1	26,250	ton	85.00	2,231,000
	1985	15,500	2.3	35,650	ton	106.00	3,779,000
**Miscellaneous	1986	3,600					2,281,000
	1985	3,800					2,205,000
Total	1986	423,800					\$53,598,000
	1985	431,000					54,860,000

* Per acre value

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

SEED CROPS
ACREAGE, PRODUCTION AND VALUE

Crop	Year	PRODUCTION			VALUE		
		Harvested Acreage	Per Acre	Total	Per Unit	Unit	Total
Barley	1986*						
	1985	700	2,400	1,680,000	lb.	.09	\$ 151,000
Beans	1986	1,061	1,690	1,793,000	lb.	.27	484,000
	1985	1,530	1,729	2,646,000	lb.	.33	873,000
Rice	1986	4,082	8,000	32,656,000	lb.	.08	2,613,000
	1985	5,621	7,600	42,720,000	lb.	.11	4,699,000
Vetch	1986*						
	1985	650	818	532,000	lb.	.19	101,000
Wheat	1986*						
	1985	1,200	2,194	2,633,000	lb.	.06	158,000
**Misc.	1986	2,571					812,000
	1985	<u>1,316</u>					<u>658,000</u>
Total	1986	7,714					\$3,909,000
	1985	11,017					6,640,000

*Included under miscellaneous to protect individual operations

**Barley, cantaloupe, clover, cowpea, cucurbits, oats, safflower, sudan and sunflower

VEGETABLE CROPS
ACREAGE, PRODUCTION AND VALUE

Crop	Year	PRODUCTION			VALUE		
		Harvested Acreage	Per Acre	Total	Per Unit	Unit	Total
*Misc.	1986	983					\$687,000
	1985	1,084					797,000

*Asparagus, corn, cucumbers, melons, onions, oriental vegetables, pumpkin, squash and tomatoes

FRUIT AND NUT CROPS
ACREAGE, PRODUCTION AND VALUE

Crop	Year	PRODUCTION			Unit	VALUE	
		Bearing Acreage	Per Acre	Total		Per Unit	Total
Almond	1986	38,543	.33	12,719	ton	4,000.00	\$50,876,000
	1985	37,676	.6	22,479	ton	1,300.00	29,223,000
Hulls	1986			15,555	ton	45.00	700,000
	1985			27,474	ton	45.00	1,236,000
Apples (ALL)	1986	183	9.2	1,684	ton	400.00	674,000
	1985	191	6.1	1,165	ton	212.00	247,000
Kiwifruit	1986	1,154	5.2	6,001	ton	1,950.00	11,702,000
	1985	786	5.82	4,575	ton	1,920.00	8,784,000
Olives	1986	2,633	2.2	5,793	ton	420.00	2,433,000
	1985	2,633	2.4	6,316	ton	414.00	2,615,000
Oranges	1986	242	8.4	2,033	ton	290.00	590,000
	1985	239	5.77	1,380	ton	359.00	495,000
Mandarins & Tangerines	1986	55	7.1	391	ton	309.00	121,000
	1985	55	4.3	237	ton	420.00	100,000
Peaches, Clingstone	1986	2,003	15.7	31,447	ton	167.00	5,252,000
	1985	1,934	16.9	32,687	ton	185.00	6,047,000
Prunes, dried	1986	8,630	1.8	15,534	ton	770.00	11,961,000
	1985	8,564	2.36	20,186	ton	629.00	12,697,000
Walnuts, English	1986	13,729	1.4	19,221	ton	1,000.00	19,221,000
	1985	12,515	1.65	20,650	ton	761.00	15,715,000
*Miscellaneous	1986	1,137					1,185,000
	1985	1,028					1,354,000
Total	1986	68,309					\$104,715,000
	1985	65,621					78,513,000

*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	1986	101,320	32.5	2,064,000	plants	\$2,221,000
	1985	85,000	75.0	5,113,000	plants	2,104,000

*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	1986	5,200	lb.	.73	\$ 3,800
	1985	8,300	lb.	.58	4,800
Beeswax	1986	1,640	lb.	.73	1,200
	1985	4,200	lb.	1.00	4,200
Package Bees	1986	51,650	lb.	4.75	245,000
	1985	63,450	lb.	5.07	322,000
Queen Bees	1986	27,950	each	5.51	154,000
	1985	34,800	each	5.78	201,000
Pollination	1986	39,904	colony	21.00	838,000
	1985	41,040	colony	20.17	828,000
Total	1986				\$1,242,000
	1985				1,360,000

LIVESTOCK AND POULTRY
PRODUCTION AND VALUE

Item	Year	PRODUCTION			VALUE	
		No. of Head	Total Live Weight	Unit	Per Unit	Total
Cattle and Calves	1986	27,000	216,000	Cwt	47.70	\$10,303,000
	1985	30,000	240,000	Cwt	48.80	11,712,000
Sheep and Lambs	1986	7,600	8,360	Cwt	68.60	574,000
	1985	6,700	7,370	Cwt	68.30	503,000
Hogs and Pigs	1986	7,100	21,300	Cwt	52.20	1,112,000
	1985	7,400	22,200	Cwt	47.30	1,050,000
*Miscellaneous	1986					697,000
	1985					964,000
Total	1986					\$12,686,000
	1985					14,229,000

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

LIVESTOCK AND POULTRY PRODUCTS

Item	Year	Production	Unit	VALUE	
				Per Unit	Total
Milk, Market	1986*	171,000	Cwt	11.72	\$2,004,000
	1985**	242,000	Cwt	12.17	2,945,000
Manufacturing	1986*	18,000	Cwt	10.80	194,000
	1985**	29,470	Cwt	11.06	326,000
Eggs, Chicken Market	1986	444,000	Doz	.50	222,000
	1985	720,000	Doz	.76	547,000
Wool	1986	58,000	Lb	.65	38,000
	1985	59,200	Lb	.60	36,000
Total	1986				\$2,458,000
	1985**				3,861,000

*California Crop and Livestock Reporting Service Preliminary Figure.

**Revised State Figures

HARVESTED TIMBER

<u>Year</u>	<u>Production Board Feet*</u>	<u>Value</u>
**1986	74,883,000	\$ 5,661,000
**1985	70,958,000	6,385,000

*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 AND POULTRY

	<u>1986</u>	<u>1987</u>
Cattle and Calves	30,000	27,000
Milk Cows 2 years and over	1,500	1,300
Sheep and Lambs, All	6,700	7,600
Hogs and Pigs, All	7,400	7,100
Hens and Pullets of Laying Age	24,000	21,000

FIVE YEAR SUMMARY OF CROP VALUES

	1982	1983	1984	1985	1986
Field Crops	\$ 74,202,000	\$ 56,066,000	\$ 60,986,000	\$ 54,860,000	\$ 53,598,000
Seed Crops	8,526,000	5,232,000	5,989,000	6,640,000	3,909,000
Vegetable Crops	1,100,000	1,250,000	895,000	797,000	687,000
Fruit and Nut Crops	77,280,000	57,498,000	96,445,000	78,513,000	104,715,000
Nursery Stock	2,807,000	2,911,000	2,870,000	2,104,000	2,221,000
Livestock and Poultry	22,788,000	21,656,000	20,037,000	18,083,000*	15,144,000
Apiary Products	1,490,000	1,437,000	1,369,000	1,360,000	1,242,000
Subtotal	\$188,193,000	\$146,050,000	\$188,591,000	\$162,357,000*	\$181,516,000
Timber	4,338,000	3,981,000	6,410,000	6,385,000	5,661,000
Grand Total	<u>\$192,531,000</u>	<u>\$150,031,000</u>	<u>\$195,001,000</u>	<u>\$168,742,000*</u>	<u>\$187,177,000</u>

*Revised

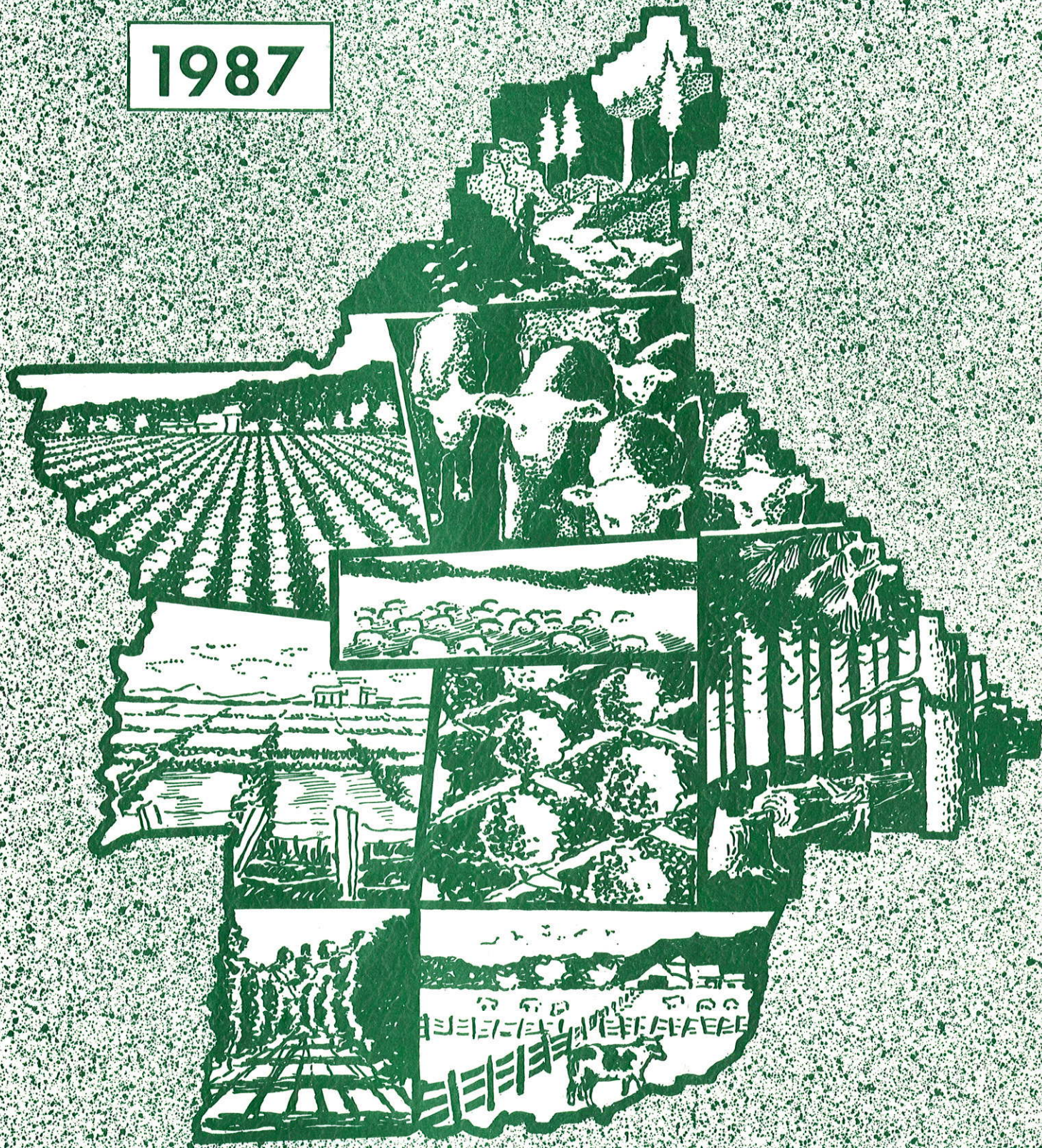
FIVE YEAR SUMMARY OF PLANT CROP ACREAGES

	1982	1983	1984	1985	1986
Field Crops	481,650	416,500	450,800	431,000	423,800
Seed Crops	19,500	12,100	10,430	11,017	7,714
Vegetable Crops	1,100	1,200	850	1,084	983
Fruit and Nut Crops	57,364	58,756	61,311	65,621	68,309
Grand Total	<u>559,614</u>	<u>488,556</u>	<u>523,391</u>	<u>508,722</u>	<u>500,806</u>

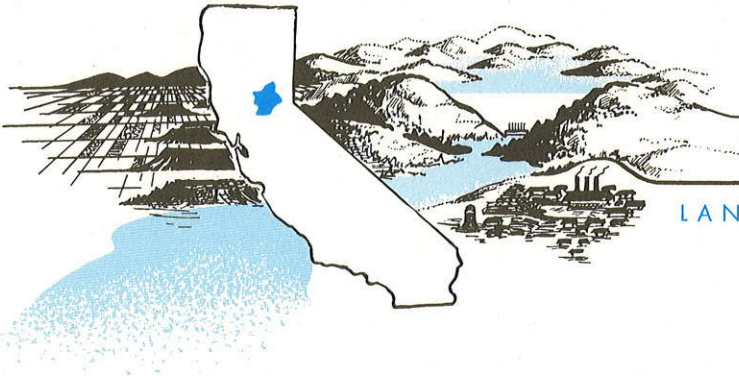
BUTTE COUNTY

AGRICULTURAL CROP REPORT

1987



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
Mail: P. O. Box 1229 - Telephone: (916) 538-7381

DENNIS POOLER

Assistant Agricultural Commissioner

Agricultural Commissioner
Air Pollution Control Officer
Sealer of Weights and Measures

Jack C. Parnell, Director
California Department of Food and Agriculture

The Honorable Board of Supervisors
County of Butte

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

Martin J. Nichols, Chief Administrative Officer

In accordance with provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the forty-ninth annual crop report of agricultural production in Butte County for the year 1987. 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 1987 estimated gross value of agricultural products produced on 498,568 acres totaled \$207,766,000. This is an increase of \$19,560,000 from the 1986 production year total of \$188,206,000 which was produced on 500,806 acres.

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,

Joe Carlile
Agricultural Commissioner (Interim)

JC:mb

PERSONNEL

Joe E. Bandy
Agricultural Commissioner

Dennis Pooler
Assistant Agricultural Commissioner

Harrie Riley
Deputy Agricultural Commissioner

OROVILLE DISTRICT

Paul Bert	Agricultural Pest Control Worker
David Castillo	Agricultural Pest Control Worker
John Rogers	Hunter/Trapper
Marion Brenden	Secretary I
Charmaine 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

GRIDLEY DISTRICT

Mike Stewart	Senior Agricultural Biologist
Tom Anderson	Agricultural Biologist III

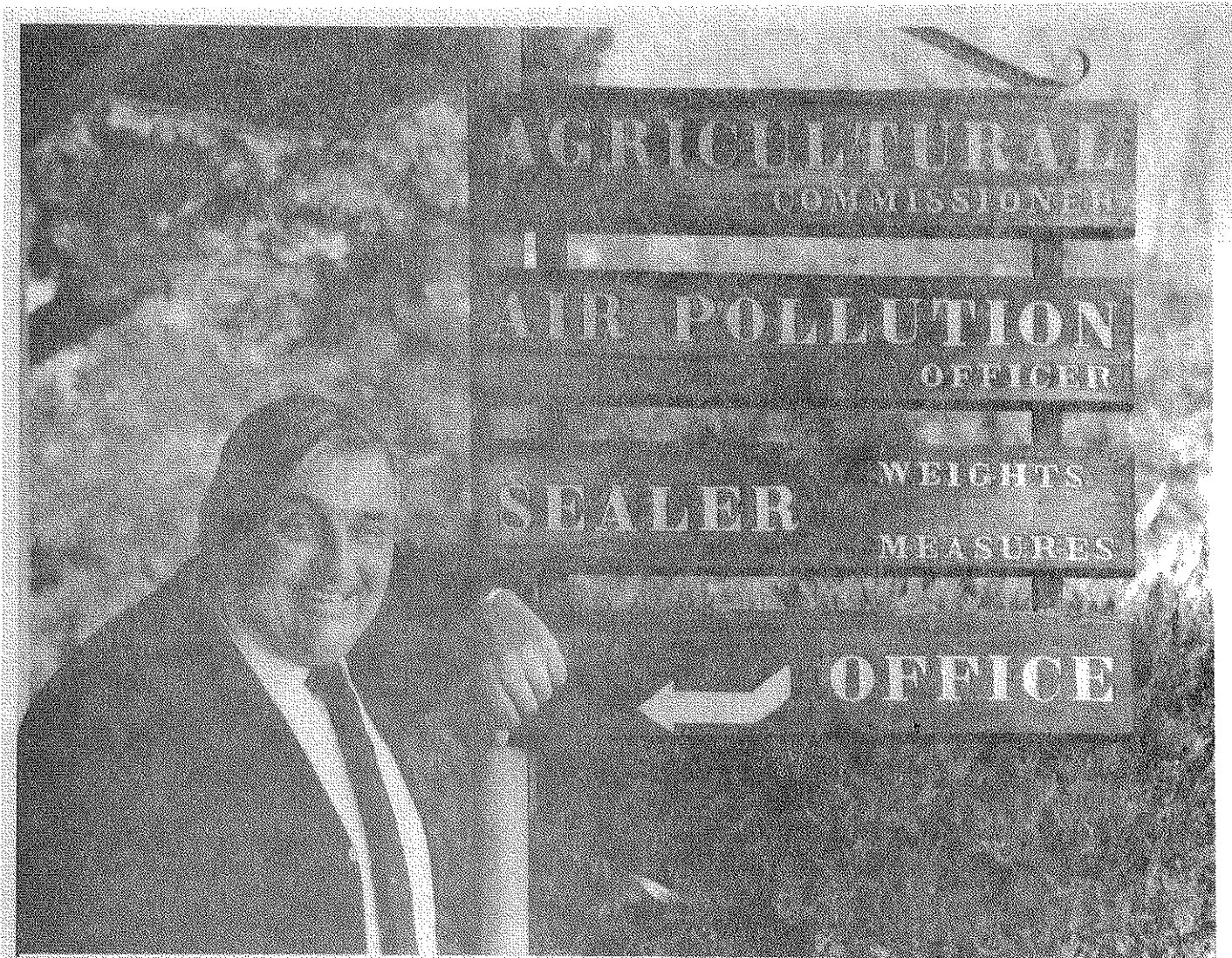


Photo courtesy of Chico Enterprise-Record

This report is dedicated to Joe E. Bandy in recognition of more than eleven years of service to Agriculture and the people of Butte County.

We, the members of the office of the Agricultural Commissioner, appreciate his contributions.

CROP SUMMARY
1987

FIELD CROPS

Overall values declined by \$1,973,000 with beans and wheat showing decreases. Sugarbeets increased in value due to increased acreage.

SEED CROPS

Overall values were up \$272,000.

VEGETABLE CROPS

Values were up \$69,000 due to increased acreage.

FRUIT AND NUT CROPS

Values increased \$20,292,000, with prunes showing the largest increase. Olives, clingstone peaches and almonds also showed an increase in value.

NURSERY STOCK

Values were up slightly due to increased production.

APIARY PRODUCTS

Values increased slightly.

LIVESTOCK AND POULTRY

Values were up \$1,355,000 with cattle and calves, sheep and lambs, hogs and pigs showing increases and dairy products showing decreases.

TIMBER HARVEST

Value of timber products declined by \$1,017,000 due to decline in Board feet of timber harvested.

FRUIT AND NUT ACREAGE STATISTICS
1987

Orchard Crops	Bearing Acreage	Non-Bearing Acreage	Total Acreage
Almond	38,484	179	38,663
Apples	191	1	192
Apricots	33	0	33
Avocado	3	0	3
Cherimoya	0	24	24
Cherries	2	0	2
<u>Citrus</u>			
Mandarins	55	0	55
Navels & Valencias	236	0	236
Grapes (All)	175	0	175
Guava (Feijoa)	1	22	23
Kiwi	1,308	53	1,361
Nectarines	3	0	3
Olives	2,639	0	2,639
Peaches, Clingstone	2,046	61	2,107
Peaches, freestone	93	1	94
Pears	5	1	6
Pecans	32	2	34
Persimmons	8	2	10
Pistachio	548	20	568
Plums	4	0	4
Prunes	9,383	705	10,088
Walnuts, English	14,005	1,410	15,415
Walnuts, Black	<u>144</u>	<u>133</u>	<u>277</u>
Total	69,398	2,614	72,012

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	1987	3,500	1.3	4,550	ton	93.00	\$ 423,000
	1986	4,500	1.5	6,750	ton	90.00	608,000
Beans, dry edible	1987	3,300	.91	3,003	ton	450.00	1,351,000
	1986	4,900	.93	4,560	ton	690.00	3,145,000
Corn	1987	1,400	4.1	5,740	ton	80.00	459,000
	1986	2,000	3.8	7,600	ton	80.00	608,000
Hay, alfalfa	1987	2,900	7.4	21,460	ton	78.00	1,674,000
	1986	2,900	5.9	17,110	ton	80.00	1,369,000
grain	1987	3,500	2.5	8,750	ton	59.00	516,000
	1986	3,900	2.2	8,580	ton	53.00	455,000
wild	1987	4,000	1.0	4,000	ton	37.00	148,000
	1986	4,000	1.0	4,000	ton	40.00	160,000
Oats	1987	800	0.9	720	ton	110.00	79,000
	1986	800	1.0	800	ton	127.00	102,000
Pasture irrigated	1987	19,700			*acre	106.00	2,088,000
	1986	19,700			*acre	106.00	2,088,000
Other	1987	290,000			*acre	6.00	1,740,000
	1986	290,000			*acre	6.00	1,740,000
Rice	1987	74,220	3.54	263,000	ton	140.00	36,820,000
	1986	71,200	3.75	267,000	ton	138.00	36,846,000
Sorghum, grain	1987	1,200	2.3	2,760	ton	83.00	229,000
	1986	1,500	2.45	3,680	ton	70.00	258,000
Sugar Beets	1987	2,900	24.11	69,919	ton	32.00	2,238,000
	1986	2,300	24.34	55,980	ton	30.50	1,707,000
Wheat	1987	10,000	2.0	20,000	ton	88.00	1,760,000
	1986	12,500	2.1	26,250	ton	85.00	2,231,000
**Miscellaneous	1987	3,700					2,100,000
	1986	3,600					2,281,000
Total	1987	421,120					\$51,625,000
	1986	423,800					53,598,000

* Per acre value

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

SEED CROPS
ACREAGE, PRODUCTION AND VALUE

Crop	Year	PRODUCTION			Per Unit	VALUE	
		Harvested Acreage	Per Acre	Total		Unit	Total
Beans, dry kidney	1987	600	1,106	663,600	lb.	.28	\$ 186,000
	1986	1,061	1,690	1,793,000	lb.	.27	484,000
Rice	1987	4,000	7,350	29,400,000	lb.	.11	3,234,000
	1986	4,082	8,000	32,656,000	lb.	.08	2,613,000
*Misc.	1987	2,438					761,000
	1986	2,571					812,000
Total	1987	7,038					\$4,181,000
	1986	7,714					3,909,000

*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			Per Unit	VALUE	
		Harvested Acreage	Per Acre	Total		Unit	Total
*Misc.	1987	1,010					\$ 756,000
	1986	983					687,000

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

FRUIT AND NUT CROPS
ACREAGE, PRODUCTION AND VALUE

Crop	Year	Bearing Acreage	PRODUCTION			VALUE	
			Per Acre	Total	Unit	Per Unit	Total
Almond	1987	38,484	.76	29,248	ton	2,000.00	\$ 58,496,000
	1986	38,543	.33	12,719	ton	4,000.00	50,876,000
Hulls	1987			36,567	ton	30.00	1,097,000
	1986			15,555	ton	45.00	700,000
Apples (ALL)	1987	191	9.8	1,872	ton	398.00	745,000
	1986	183	9.2	1,684	ton	400.00	674,000
Kiwifruit	1987	1,308	4.8	6,278	ton	1,780.00	11,175,000
	1986	1,154	5.2	6,001	ton	1,950,000	11,702,000
Olives	1987	2,639	2.4	6,334	ton	583.00	3,693,000
	1986	2,633	2.2	5,793	ton	420.00	2,433,000
Oranges	1987	236	10.2	2,408	ton	360.00	867,000
	1986	242	8.4	2,033	ton	290.00	590,000
Mandarins & Tangerines	1987	55	2.2	120	ton	316.00	38,000
	1986	55	7.1	391	ton	309.00	121,000
Peaches, Clingstone	1987	2,046	16.0	32,736	ton	185.00	6,056,000
	1986	2,003	15.7	31,447	ton	167.00	5,252,000
Prunes, dried	1987	9,383	3.6	33,779	ton	700.00	23,645,000
	1986	8,630	1.8	15,534	ton	770.00	11,961,000
Walnuts, English	1987	14,005	1.33	18,627	ton	966.00	17,994,000
	1986	13,729	1.4	19,221	ton	1,000.00	19,221,000
*Miscellaneous	1987	1,053					1,201,000
	1986	1,137					1,185,000
Total	1987	69,400					\$125,007,000
	1986	68,309					104,715,000

*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	1987	188,344	68.0	2,560,910	plants	\$2,329,000
	1986	101,320	32.5	2,064,000	plants	2,221,000

*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	1987	79,420	lb.	.60	\$ 48,000
	1986	5,200	lb.	.73	3,800
Beeswax	1987	2,300	lb.	1.00	2,300
	1986	1,640	lb.	.73	1,200
Package Bees	1987	62,308	lb.	5.19	324,000
	1986	51,650	lb.	4.75	245,000
Queen Bees	1987	51,400	each	5.05	260,000
	1986	27,950	each	5.51	154,000
Nuclei	1987	1,500	each	20.00	30,000
	1986	--	-	-	--
Pollination	1987	47,316	colony	21.81	1,032,000
	1986	39,904	colony	21.00	838,000
Total	1987				\$1,696,000
	1986				1,242,000

LIVESTOCK AND POULTRY
PRODUCTION AND VALUE

Item	Year	PRODUCTION			VALUE	
		No. of Head	Total Live Weight	Unit	Per Unit	Total
Cattle and Calves	1987	27,000	216,000	Cwt	56.30	\$12,161,000
	1986	27,000	216,000	Cwt	47.70	10,303,000
Sheep and Lambs	1987	8,000	8,800	Cwt	74.90	659,000
	1986	7,600	8,360	Cwt	68.60	574,000
Hogs and Pigs	1987	7,100	21,200	Cwt	58.00	1,230,000
	1986	7,100	21,300	Cwt	52.20	1,112,000
*Miscellaneous	1987					648,000
	1986					697,000
Total	1987					\$14,698,000
	1986					12,686,000

*Fish, Meat Poultry, Pheasant, Quail, Rabbits, Ducks, Eggs (Chicken Market)

LIVESTOCK AND POULTRY PRODUCTS

Item	Year	Production	Unit	VALUE	
				Per Unit	Total
Milk, Market	1987*	153,000	Cwt	11.41	\$ 1,746,000
	1986**	171,075	Cwt	11.72	2,005,000
Manufacturing	1987*	457	Cwt	10.47	4,800
	1986**	18,000	Cwt	10.80	195,000
Eggs, Chicken Market	1987***				
	1986	444,000	Doz	.50	222,000
Wool	1987	61,000	Lb	.85	52,000
	1986	58,000	Lb	.65	38,000
Total	1987				\$ 1,803,000
	1986**				2,460,000

*California Crop and Livestock Reporting Service Preliminary Figure

**Revised State Figures

***Included in Miscellaneous above

HARVESTED TIMBER**

Year	Production Board Feet*	Value
**1987 - Prelim.	60,652,000	\$ 5,671,000
1986 - Final	80,823,000	6,688,000*

* 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

	1987	1988*
Cattle and Calves	27,000	27,000
Milk Cows 2 years and over	1,300	1,300
Sheep and Lambs, All	7,600	8,000
Hogs and Pigs, All	7,100	7,100
Hens and Pullets of Laying Age	21,000	**

* Figures may vary from State report.

** No reportable data; only one producer in 1987

FIVE YEAR SUMMARY OF CROP VALUES

	1983	1984	1985	1986	1987
Field Crops	\$ 56,066,000	\$ 60,986,000	\$ 54,860,000	\$ 53,598,000	\$ 51,625,000
Seed Crops	5,232,000	5,989,000	6,640,000	3,909,000	4,181,000
Vegetable Crops	1,250,000	895,000	797,000	687,000	756,000
Fruit and Nut Crops	57,498,000	96,445,000	78,513,000	104,715,000	125,007,000
Nursery Stock	2,911,000	2,870,000	2,104,000	2,221,000	2,329,000
Apiary Products	1,437,000	1,369,000	1,360,000	1,242,000	1,696,000
Livestock and Poultry	<u>21,656,000</u>	<u>20,037,000</u>	<u>18,083,000*</u>	<u>15,146,000*</u>	<u>16,501,000</u>
Subtotal	\$146,050,000	\$188,591,000	\$162,357,000*	\$181,518,000*	\$202,095,000
Timber	<u>3,981,000</u>	<u>6,410,000</u>	<u>6,385,000</u>	<u>6,688,000*</u>	<u>5,671,000</u>
Grand Total	<u>\$150,031,000</u>	<u>\$195,001,000</u>	<u>\$168,742,000*</u>	<u>\$188,206,000*</u>	<u>\$207,766,000</u>

*Revised

FIVE YEAR SUMMARY OF PLANT CROP ACREAGES

	1983	1984	1985	1986	1987
Field Crops	416,500	450,800	431,000	423,800	421,120
Seed Crops	12,100	10,430	11,017	7,714	7,038
Vegetable Crops	1,200	850	1,084	983	1,010
Fruit and Nut Crops	<u>58,756</u>	<u>61,311</u>	<u>65,621</u>	<u>68,309</u>	<u>69,400</u>
Grand Total	<u>488,556</u>	<u>523,391</u>	<u>508,722</u>	<u>500,806</u>	<u>498,568</u>

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

Mail: P. O. Box 1229 - Telephone: (916) 538-7381

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
Ed Schneegas
John Rogers
Marion Brenden
Charmaigne Damron

Agricultural Pest Control Worker
Agricultural Pest Control Worker
Hunter/Trapper
Secretary I
Typist Clerk II

CHICO DISTRICT

Sterling Mattoon
Robert Dodd
Ken Ewing
Robert Voorhees
Rose Bailey

Senior Agricultural Biologist
Agricultural Biologist III
Agricultural Biologist III
Agricultural Biologist III
Typist Clerk II

GRIDLEY DISTRICT

Mike Stewart
Tom Anderson

Senior Agricultural Biologist
Agricultural Biologist III

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		VALUE	
			Total Live Weight	Unit	Per 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	VALUE	
				Per Unit	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

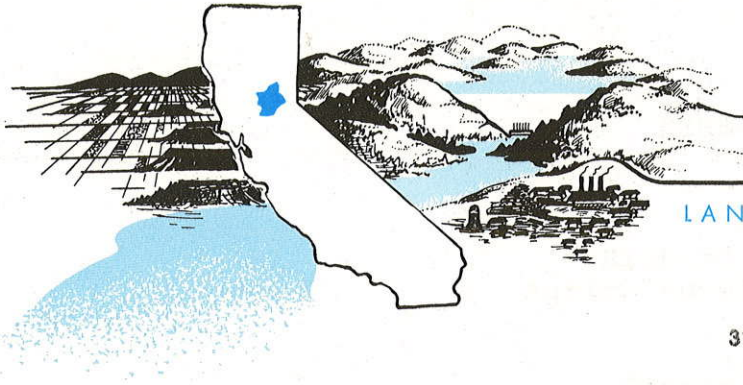
BUTTE COUNTY

AGRICULTURAL CROP REPORT

1989



AGRICULTURAL COMMISSIONER



Butte County

LAND OF NATURAL WEALTH AND BEAUTY

OFFICES OF AGRICULTURAL COMMISSIONER WEIGHTS AND MEASURES

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RICHARD B. PRICE
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The Honorable Board of Supervisors
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Ed McLaughlin, Chairman
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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 Fifty-First annual crop report of agricultural production in Butte County for the year 1989. This report is a summary of 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 1989 estimated gross value of agricultural products produced in the County totaled \$245,907,000. This is a decrease of \$11,542,500 from the 1988 production year total of \$257,449,500. Major factors in the decrease can be attributed to the reduced almond crop yield caused by inclement weather during the bloom period and less total board feet of timber harvested.

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

RP:mb

FRUIT AND NUT ACREAGE STATISTICS
1989

Orchard Crops	Bearing Acreage	Non-Bearing Acreage	Total Acreage
Almond	38,222	324	38,546
Apples	159	6	165
Apricots	29	0	29
Avocado	3	0	3
Cherries	2	0	2
<u>Citrus</u>			
Mandarins	55	0	55
Navels & Valencias	236	0	236
Grapes (All)	187	0	187
Guava (Feijoa)	43	6	49
Kiwi	1,462	4	1,466
Nectarines	6	0	6
Olives	2,641	33	2,674
Peaches, clingstone	2,071	353	2,424
Peaches, freestone	79	2	81
Pears	6	0	6
Pecans	26	36	62
Persimmons	11	17	28
Pistachio	554	0	554
Plums	19	0	19
Prunes	9,855	356	10,211
Walnuts, English	13,573	2,066	15,639
Walnuts, Black	35	0	35
Total	69,274	3,203	72,477

Acres may vary from State Report

LIVESTOCK AND POULTRY
PRODUCTION AND VALUE

Item	Year	No. of Head	PRODUCTION		VALUE	
			Total Live Weight	Unit	Per Unit	Total
Cattle and Calves	1989	30,000	243,000	Cwt.	62.20	\$15,115,000
	1988	29,000	232,000	Cwt.	64.50	14,964,000
Sheep, ALL	1989	5,500	6,000	Cwt.	69.30	416,000
	1988	7,800	8,600	Cwt.	70.35	605,000
Hogs, ALL	1989	7,500	17,000	Cwt.	46.30	787,000
	1988	10,000	23,000	Cwt.	47.20	1,086,000
*Miscellaneous	1989					630,000
	1988					625,000
Total	1989					\$16,948,000
	1988					17,280,000

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

LIVESTOCK AND POULTRY PRODUCTS

Item	Year	Production	Unit	VALUE	
				Per Unit	Total
Milk, Market*	1989	162,000	Cwt.	12.34	\$ 1,999,000
	1988	155,310	Cwt.	10.88	1,690,000
Manufacturing* Milk	1989	Ø			Ø
	1988	Rev. 4,717	Cwt.	9.90	47,000
Wool	1989	56,000	Lb.	1.24	69,000
	1988	68,000	Lb.	1.38	94,000
Total	1989				\$ 2,068,000
	1988				1,836,000

*California Crop and Livestock Reporting Service Figures.

HARVESTED TIMBER

<u>Year</u>	<u>Production Board Feet*</u>	<u>Value</u>
**1989	82,299,000	\$14,364,000
**1988	146,400,000	23,109,000

* 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 AND POULTRY

	1989	1990
Cattle and Calves, ALL	29,000	30,000
Milk Cows	1,400	1,400
Sheep, ALL	7,800	5,500
Hogs, ALL	7,500	7,500

FIVE YEAR SUMMARY OF CROP VALUES

	1985	1986	1987	1988	1989
Field Crops	\$ 54,860,000	\$ 53,598,000	\$ 73,454,000	\$ 77,399,500	\$ 85,880,000
Seed Crops	6,640,000	3,909,000	4,181,000	7,780,000	6,815,000
Vegetable Crops	797,000	687,000	756,000	921,000	916,000
Fruit and Nut Crops	78,513,000	104,715,000	125,007,000	125,156,000	113,855,000
Nursery Stock	2,104,000	2,221,000	2,329,000	2,670,000	3,572,000
Apiary Products	1,360,000	1,242,000	1,696,000	1,298,000	1,489,000
Livestock and Poultry	18,083,000*	15,146,000*	16,501,000	19,116,000	19,016,000
Subtotal	\$162,357,000*	\$181,518,000*	\$223,924,000*	\$234,340,500	\$231,543,000
Timber	6,385,000	6,688,000*	5,693,000*	23,109,000	14,364,000
Grand Total	<u>\$168,742,000*</u>	<u>\$188,206,000*</u>	<u>\$229,617,000*</u>	<u>\$257,449,500</u>	<u>\$245,907,000</u>

FIVE YEAR SUMMARY OF PLANT CROP ACREAGES

	1985	1986	1987	1988	1989
Field Crops	431,000	423,800	421,120	422,510	407,830
Seed Crops	11,017	7,714	7,038	10,484	9,120
Vegetable Crops	1,084	983	1,010	1,230	1,202
Fruit and Nut Crops	65,621	68,309	69,400	68,316	69,292
Grand Total	<u>508,722</u>	<u>500,806</u>	<u>498,568</u>	<u>502,540</u>	<u>487,444</u>

MILLION DOLLAR CROPS - 1989

	<u>CROP</u>	<u>VALUE</u>
1.	Rice	\$69,630,000
2.	Almonds	37,840,000
3.	Prunes	24,554,000
4.	Walnuts, English	18,755,000
5.	Kiwifruit	16,762,000
6.	Cattle/Calves	15,115,000
7.	Timber	14,364,000
8.	Peaches, Clingstone	7,529,000
9.	Olives	4,883,000
10.	Rice Seed	4,265,000
11.	Nursery Stock	3,572,000
12.	Wheat	2,700,000
13.	Beans, Dry, Edible	2,336,000
14.	Sugarbeets	2,208,000
15.	Dryland Pasture and Range	2,164,000
16.	Pasture, Irrigated	2,088,000
17.	Milk	1,999,000
18.	Alfalfa Hay	1,688,000
19.	Seed Crops, Miscellaneous	1,512,000
20.	Field Crops, Miscellaneous	1,505,000
21.	Almond Hulls	1,332,000
22.	Fruit and Nuts Crops, Miscellaneous	1,255,000
23.	Apiary Pollination	1,239,000
24.	Bean Seed, Kidney	1,037,000