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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Butte County

2010-2014

2010 Butte County Agricultural Crop Report



**In 1939 the first Butte County
Agricultural Crop Report
was compiled.**

**W. L. Stile was the
Agricultural Commissioner.**

**The estimated gross value of
production in Butte County
was \$9,451,293.**



Table Mt Wildflowers,
Courtesy of Lynne Paus

Courtesy of Lynne Paus
Table Mt Wildflowers

All about Butte County

"Land of Natural Wealth and Beauty"

The Butte County seat is Oroville, California

As of 2009, the population of Butte County was approximately 220,577

Butte County is approximately 1,677 square miles

1,639 square miles are land, 38 square miles is water

The highest point is Humboldt Peak at 7,870 feet

The lowest point is 90 feet above sea level

Butte County has rich valley soils, rolling hills, volcanic peaks and mesas

Butte County has 60,000 acres of parkland and wildlife preserves

Butte County is a vital wintering site for waterfowl that migrate through the Pacific Flyway; including geese, ducks and swans

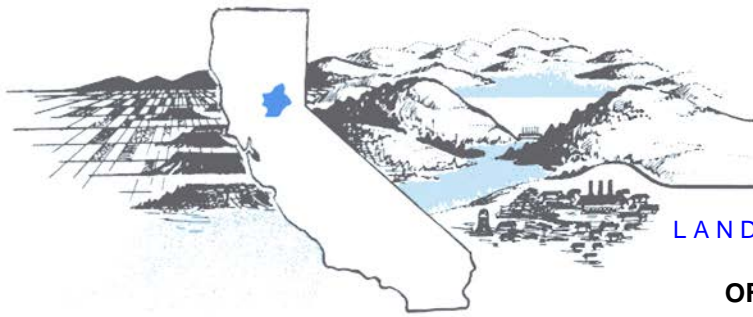
Bidwell Park includes 3,600 acres of parkland

Feather Falls is the 6th largest waterfall in the U.S.

Average rainfall in Butte County is 26.04"

The 30-year average shows January's high temperature to be 54 degrees and the low temperature to be 36 degrees

The 30-year average shows June's high temperature to be 97 degrees and the low temperature to be 60 degrees



Butte County

LAND OF NATURAL WEALTH AND BEAUTY

OFFICES OF AGRICULTURAL COMMISSIONER WEIGHTS AND MEASURES

316 NELSON AVENUE OROVILLE, CALIFORNIA 95965-3318
AGRICULTURAL DEPT.: OFFICE: (530) 538-7381 FAX: (530) 538-7594

RICHARD B. PRICE
Agricultural Commissioner
Director of Weights and Measures

MARY E. DANIELS
Assistant Agricultural Commissioner
Weights and Measures

June 29, 2011

Karen Ross, Secretary of
California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors

Steve Lambert, Chairperson

Bill Connelly Larry Wahl
Maureen Kirk Kim Yamaguchi

Paul Hahn, Chief Administrative Officer,

In accordance with provisions of section 2279 of the California Food and Agriculture Code, I am submitting the sixty-sixth annual crop report of agricultural production and agricultural value in Butte County for the 2010 calendar year.

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 2010 totaled \$622,414,000. This is a 42 million dollar increase over the 2009 gross value total of \$579,928,000. The total increase in gross value of agriculture during 2010 is 29.0 percent above our county 10-year average of \$443,046,000.

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



Agricultural and Weights & Measures Staff and Associates

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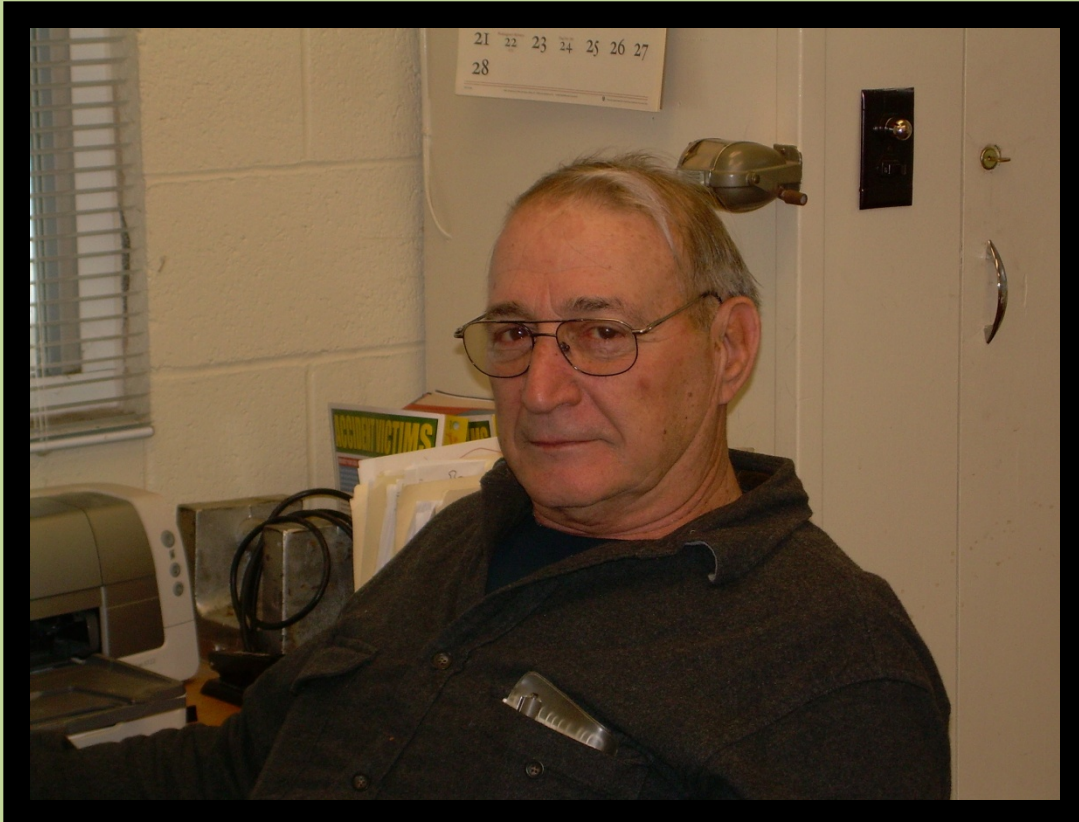
Sally Loker

USDA Wildlife Specialist

Matt Albertson

The 2010 Butte County Agricultural Crop Report is Dedicated to

Michael Brown



“Mike” Brown retired from the Butte County Agricultural Commissioner’s Office in 2010, after 5 years with Butte County.

Mike’s main focus was the Insect Detection Program, but he also performed work in other programs such as Pesticide Use Enforcement, Quarantine, Irrigated Lands Program and Weed Management.

Mike was the “heart” of the Oroville Office and we have missed not only his work ethic, *but his love of a good potluck!*

Enjoy your retirement Mike!!!



2010 MILLION DOLLAR CROPS

	<u>CROP</u>	<u>VALUE</u>
1	RICE	\$182,248,000
2	WALNUTS	\$173,392,000
3	ALMONDS	\$113,781,000
4	DRIED PLUM	\$42,566,000
5	NURSERY STOCK	\$23,837,000
6	CATTLE/CALVES	\$11,714,000
7	RICE SEED	\$10,865,000
8	FRUIT NUTS Misc.	\$10,494,000
9	PEACHES-CLINGSTONE	\$9,690,000
10	KIWIS	\$8,177,000
11	OLIVES ALL	\$7,270,000
12	APPIARY/POLLINATION	\$7,078,000
13	FIELD CROPS Misc.	\$6,634,000
14	TIMBER	\$4,747,000
15	ALMOND HULLS	\$3,404,000
16	DRYLAND PASTURE & RANGE	\$3,553,000
17	SEED, Misc	\$2,701,000
18	PASTURE , Irrigated	\$2,030,000
19	BEANS	\$1,970,000
20	PISTACHIOS	\$1,892,000
21	WHEAT	\$1,591,000

In the Year
1939

Rice was Butte County's only Million Dollar Crop with a total value of \$1,187,040.

Also in 1939...The insecticidal properties of DDT were first discovered.

Mist Over Concow Lake,
Courtesy of Peggy Moak

Courtesy of Peggy Moak
MIST OVER CONCOW LAKE

FIVE YEAR SUMMARY OF CROP VALUES

	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
APIARY	\$6,726,000	\$7,300,000	\$7,197,000	\$7,153,942	\$7,078,000
PRODUCTS					
FIELD CROPS	\$136,697,000	\$144,741,000	\$266,206,000	\$201,062,334	\$198,690,000
FRUIT & NUT	\$252,358,000	\$298,284,000	\$232,981,000	\$280,076,771	\$371,097,000
CROPS					
LIVESTOCK, all	\$11,815,000	\$12,679,000	\$11,218,000	\$8,904,077	\$2,604,000
NURSERY	\$19,905,000	\$18,832,000	\$30,748,000	\$26,750,760	\$23,837,000
STOCK					
SEED CROPS	\$6,479,000	\$8,271,000	\$14,853,000	\$14,861,023	\$13,566,000
VEGETABLE	\$570,000	\$588,000	\$720,000	\$770,400	\$795,000
CROPS					
SUB TOTAL	\$434,550,000	\$490,695,000	\$563,923,000	\$539,579,307	\$617,667,000
TIMBER, all	\$19,662,000	\$16,558,000	\$16,005,000	\$4,433,950	\$4,747,000
GRAND TOTAL	\$454,212,000	\$507,253,000	\$579,928,000	\$544,013,257	\$622,414,000

FIVE YEAR SUMMARY OF PLANT CROP ACRES

	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
FIELD CROPS	371,257	368,396	375,030	371,082	367,419
FRUIT & NUT	86,933	88,373	86,672	90,842	97,709
CROPS					
SEED CROPS	5,438	5,671	5,702	5,482	5,785
VEGETABLE CROPS	680	685	690	740	755
GRAND TOTAL	464,308	463,125	468,094	468,146	466,989

2010 FIELD CROP ACREAGE, PRODUCTION & VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>TOTAL</u>	<u>UNIT</u>	<u>VALUE</u>	
		<u>HARVESTED</u>	<u>PER</u>			<u>TOTAL</u>	<u>VALUE</u>
		<u>ACREAGE</u>	<u>ACRE</u>			<u>CROP</u>	
Beans, Dry Edible	2010	950	1.44	1,368	Ton	\$1,440	\$1,970,000
	2009	1,672	1.75	2,926	Ton	\$1,000	\$2,926,000
Hay, Alfalfa	2010	1080	6.35	6,858	Ton	\$118	\$809,000
	2009	1,508	6.40	9,651	Ton	\$103	\$994,053
Pasture, Irrigated	2010	16,500			Acre	\$123	\$2,030,000
	2009	16,000			Acre	\$160	\$2,560,000
Pasture, Other	2010	245,000			Acre	\$14.50	\$3,553,000
	2009	240,000			Acre	\$14.50	\$3,480,000
Rice*	2010	93,800	4.65	436,000	Ton	\$418	\$182,248,000
	2009	103,416	4.7	486,055	Ton	\$379	\$184,214,845
	1939	24,730	30	741,900	Sacks	\$1.6	\$1,187,040
Safflower	2010	375	1.18	443	Ton	\$315	\$134,000
	2009	120	1.15	138	Ton	\$319	\$44,022
Wheat	2010	3964	2.23	8,834	Ton	\$180	\$1,591,000
	2009	3,704	2.16	8,000	Ton	\$183	\$1,464,000
Misc**	2010	5,750					\$6,634,000
	2009	4,662					\$5,379,414
Total	2010	367,419					\$198,690,000
	2009	371,082					\$201,062,334

*Includes government payment.

**Alfalfa silage, barley, beans (other), corn, corn silage, cotton, lavender, oats, pumpkin, Sorghum, sunflower, wild rice, sweet rice, organic field crops, crop byproducts, etc.

2010 SEED ACREAGE, PRODUCTION & VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>TOTAL</u>	<u>UNIT</u>	<u>VALUE</u>	
		<u>HARVESTED</u>	<u>PER</u>			<u>CROP</u>	<u>TOTAL</u>
		<u>ACREAGE</u>	<u>ACRE</u>			<u>VALUE</u>	
Rice	2010	4,327	9300	40,241,100	Lbs.	\$0.27	\$10,865,000
	2009	4,304	9,150	39,381,600	Lbs.	\$0.31	\$12,208,296
Misc.	2010	1,458					\$2,701,000
	2009	1,432					\$2,652,727
Total	2010	5,785					\$13,566,000
	2009	5,736					\$14,861,023

**Beans (other), cucurbits, melons, pumpkins, squash, sunflower, wild rice, organic field crops, crop byproducts, etc.*

*In the Year
1939*

The only recorded Seed Crops were:

Squash Seed 90 acres Total Value \$7,680

Ladino Seed 320 acres Total Value \$17,760

Also in 1939... The average cost of a new house was \$3,800.

On January 6, 1939 "Superman" debuted in a daily newspaper.

2010 FRUIT & NUT CROPS ACREAGE STATISTICS

<u>Orchard Crops</u>	<u>Bearing Acreage*</u>	<u>Non-Bearing Acreage*</u>	<u>Total Acreage*</u>
Almonds	39,262	989	40,251
<i>The 1939 bearing Acreage for Almonds was 8,190 Acres</i>			
Apples	58	0	58
Apricots	31	0	31
Avocados	2	0	2
Cherries	329	59	388
Chestnuts	38	0	38
Grapes (all)	208	2	210
Kiwis	710	0	710
Mandarins	60	1	61
Nectarines	10	0	10
Olives (Oil)	2,055	200	2,255
Olive (Table)	868	0	868
Oranges	94	1	95
Peaches, Clingstone	2,288	48	2,336
Peaches, Freestone	70	0	70
Pears (all)	5	0	5
Pecans	212	123	335
Persimmons	101	0	101
Pistachios	487	213	750
Plums	151	14	165
Dried Plums	10,790	548	11,338
Walnuts, English	33,330	4,340	37,670
Walnuts, Black	42	0	42
Total	91,171	6,538	97,709

**Data from California Crop and livestock Reporting Service and other sources*



2010 FRUIT & NUT CROPS

ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>TOTAL</u>	<u>UNIT</u>	<u>VALUE</u>	
		<u>HARVESTED</u>	<u>PER</u>			<u>CROP</u>	<u>TOTAL VALUE</u>
		<u>ACREAGE</u>	<u>ACRE</u>				
ALMONDS	2010	39,262	0.84	32,980	Ton	\$2,450	\$113,781,000
	2009	38,548	0.76	29,296	Ton	\$3,100	\$90,817,600
	1939	8,190	0.50	4,095	Ton	\$235	\$962,325
HULLS	2010			39,576	Ton	\$86	\$3,404,000
	2009			43,944	Ton	\$80	\$3,515,520
CITRUS	2010	94	4.58	430	Ton	\$1130	\$486,000
	2009	94	4.79	450	Ton	\$960	\$432,000
KIWIS	2010	710	7.48	5,310	Ton	\$1540	\$8,177,000
	2009	513	7.44	3,817	Ton	\$1,434	\$5,473,578
OLIVES (oil)	2010	2055	4.3	8,836	Ton	\$555	\$4,904,000
	2009	2055	3.30	6,782	Ton	\$481	\$3,262,142
OLIVES (Table)	2010	868	3.45	2,994	Ton	\$790	\$2,366,000
	2009	868	0.75	651	Ton	\$875	\$569,625
PEACHES	2010	2,288	15.4	35,235	Ton	\$275	\$9,690,000
	2009	2,224	15.9	35,361	Ton	\$299	\$10,590,620
PISTACHIOS	2010	487	.98	477	Ton	\$3,966	1,892,000
	2009	475	.86	409	Ton	\$3,350	\$1,370,150
PLUMS (Dried)	2010	10,790	.98	31,291	Ton	\$1360	\$42,556,000
	2009	10,718	2.81	30,118	Ton	\$1,226	\$36,924,668
WALNUTS	2010	33,330	2.67	88,465	Ton	\$1,980	\$173,392,000
	2009	32,022	2.25	72,050	Ton	\$1,620	\$116,721,000
**MISC.	2010	1,317			Ton		\$10,440,000
	2009	3,325			Ton		\$10,399,868
TOTAL	2010	91,171			Ton		\$371,097,000
	2009	90,842			Ton		\$280,076,771

*** Apples, apricots, avocados, blueberries, misc. berries, black walnuts, cherries, chestnuts, grapes, mandarins, peaches, (Freestone), crop by-products, pears, pecans, persimmons, plums, fresh prunes, organic tree crops, etc.*

Acres may vary from state report. Figures are based on harvested acres only.





2010 APIARY PRODUCTS, PRODUCTION & VALUE

<u>CROP</u>		<u>Production</u>		<u>Value</u>	
Crop	Year	Total	Unit	Per Unit	Total
Pollination*	2010	43,915	Colony	\$145.00	\$6,368,000
	2009	43,084	Colony	\$150.50	\$6,484,142
Other Apiary Products**	2010				\$710,000
	2009				\$669,800
TOTAL	2010				\$7,078,000
	2009				\$7,153,342

*Pollination includes all required to pollinate crops grown in Butte County.

** Includes beeswax, honey, nuclei, packaged bees and queens.

In the Year

1939

The total value for Apiary products in 1939 was 70,050

A gallon of gas was \$0.10



2010 ORGANIC CROP STATISTICS

Registered Organic Producers*

86 Farms

19,257 Acres

\$7,827,000 Total Value

**Includes alfalfa, almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.*



2010 VEGETABLE VALUE

Certified Producers*

\$795,000 2010 Total Value

\$770,400 2009 Total Value

\$292,196 Total value for Truck Crops in 1939

**Includes asparagus, broccoli, corn, cucumbers, melons, onions, oriental vegetables, pumpkins, squash, tomatoes, etc...*



2010 NURSERY ACREAGE & VALUE

238 - 2010 Total Acres

250 - 2009 Total Acres

25 Total Acres in 1939

\$23,837,000 2010 Total Value

\$26,750,760 2009 Total Value

\$25,000 Total Value in 1939

**Includes broad leaved evergreens, coniferous evergreens, deciduous fruit, nut and shade trees, shrubs, kiwi vines, herbaceous perennials indoor decorative*



2010 LIVESTOCK & POULTRY

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVE WT.		VALUE PER UNIT	TOTAL VALUE
Cattle & Calves	2010	19,500	97,900	Cwt.	\$110.00	\$10,770,000
	2009	18,000	90,400	Cwt.	\$84.60	\$7,647,841
Sheep, All	2010	1,400	1,925	Cwt.	\$65.00	\$125,100
	2009	1,400	1,925	Cwt.	\$60.00	\$115,500
Hogs, All	2010	590	1,530	Cwt.	\$120.00	\$183,600
	2009	570	1,494	Cwt.	\$42.30	\$63,192
Misc*	2010					\$510,000
	2009					\$425,647
TOTAL	2010					\$11,714,000
	2009					\$8,252,179

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



2010 LIVESTOCK PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER	
				UNIT	TOTAL
Milk, Market*	2010	52,284	Cwt.	\$16.10	\$842,000
	2009	50,445	Cwt.	\$12.09	\$609,880
Milk,, Manufacturing*	2010	3,324	Cwt.	\$14.84	\$48,000
	2009	3,579	Cwt.	\$11.74	\$42,018
TOTAL	2010	55,608	Cwt.		\$890,000
	2009	54,024	Cwt.		\$651,000

*California Agricultural Statistics Service

2010 HARVEST TIMBER PRODUCTION & VALUE

ITEM	YEAR	PRODUCTION BOARD FEET*	VALUE
Harvested Timber**	2010	31,739,000	\$4,741,000
	2009	70,688,000	\$4,428,550
Other Timber Products	2010		\$6,000
	2009		\$5,400
TOTAL	2010		\$4,747,000
	2009		\$4,433,950

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

**Timber production and value data are provided by State Board of Equalization, Timber Tax Division.

*In the Year
1939*

*Total combined Livestock
Production Value \$1,276,790*

*Also in 1939... Scenes depicting the
cotton fields of Tara and Scarlett
O'Hara's first horse ride in the movie
Gone with The Wind were filmed in
Bidwell Park, on Pentz Road and in a
Paradise Apple Orchard.*

2010 Butte County International Trading Partners

Butte County experienced a steady growth in Agricultural Exports in 2010. The agricultural export business continues to be a bright spot for Butte County's economy.

Commodities Exported

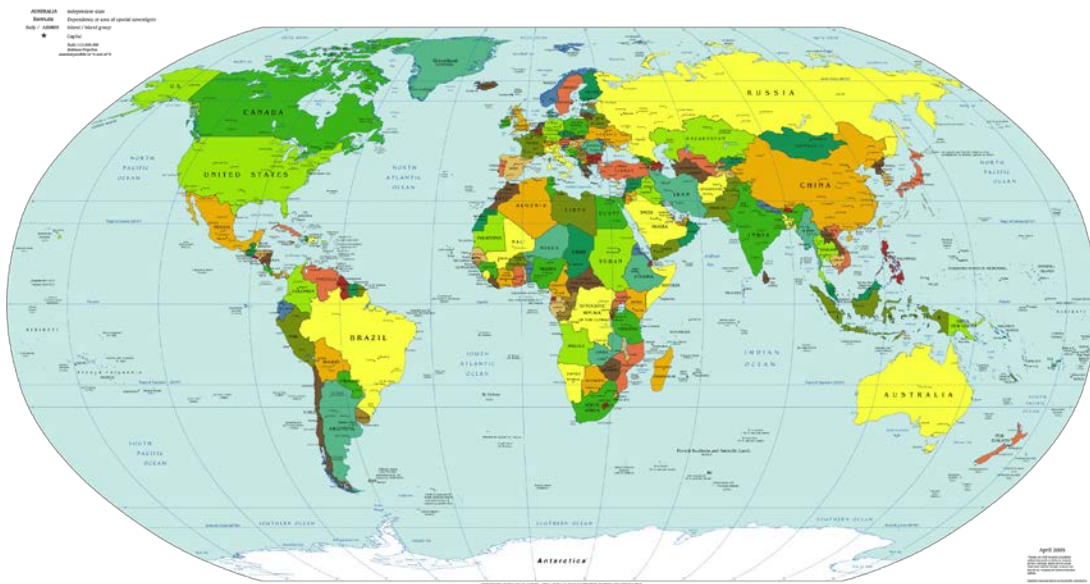
Almonds
Almond Shells
Air Plants

Figs
Kiwi
Plums, all

Rice, all
Seeds, other
Sunflower Seeds

Timber
Tomatoes
Walnuts

Political Map of the World, April 2006



Destination Countries

Afghanistan
Algeria
Austria
Belgium
Brazil
Cambodia
Chile
China
Czech Republic

Greece
Guatemala
Hong Kong
Hungary
India
Israel
Italy
Japan
Kenya

Denmark
Ecuador
France
Germany
Kyrgyzstan
Latvia
Malaysia
Mexico

Mongolia
Morocco
Nepal
Netherlands
New Zealand
Oman
Pakistan
Philippines
Peoples Republic of China
Poland
Republic of Korea
Russian Federation
Saudi Republic

Singapore
South Africa
Spain
Sri Lanka
Sweden
Switzerland
Taiwan
Ukraine
United Arab Emirates
United Kingdom
Uzbekistan
Vietnam

2010 Sustainable Agricultural Report

This report summarizes the varied activities 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 infestation 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 DETECTION

Approximately 1,115 traps were placed throughout the County to detect the presence of these pests: Mediterranean, Oriental and Melon Fruit Flies; Japanese and Khapra Beetles; Light Brown Apple, European Grapevine and Gypsy Moth; Glassy-winged Sharpshooter and Asian Citrus Psyllid.



PEST EXCLUSION

Approximately 10,546 shipments were inspected for live exotic pests including the Glassy-winged Sharpshooter and Sudden Oak Death resulting in 7 Notice of Rejections issued.

PEST MANAGMENT

Weed Control Projects

		Control Activity	Chemical	Distribution
Skeleton Weed	<i>Chondrilla juncea</i>	Herbicide	Aminnopyralid	5 sites ~ 15 acres
Knap Weed, species	<i>Centaurea species</i>	Herbicide	Aminnopyralid	3 sites ~ 35 acres
Japanese Dodder	<i>Cuscuta japonica</i>	Manual/Herbicide	Glyphosate	3 Oroville locations, Eradicated
Oblong Spurge	<i>Euphorbia Oblongata</i>	Herbicide	Triclopyr	3 sites in Paradise
Sesbania	<i>Susbania punicea</i>	Herbicide	Triclopyr	Multiple locations in Oroville
Broom, species				
Scotch	<i>Cytisus scoparius</i>	Herbicide	Triclopyr	Multiple County locations
Spanish	<i>Spartium junceum</i>	Herbicide	Triclopyr	Multiple County locations
French	<i>Cytisus monspesslarus</i>	Herbicide	Triclopyr	Multiple County locations
Purple Loosetrife	<i>Lythrum salicaria</i>	Bio-control	Various Agents	>500 acres in Oroville

Insect Control Projects

		Control Activity	Chemical	Distribution
Glassy Winged Sharpshooter	<i>Homalodisca coagulata</i>	Insecticide	Imidacloprid	4 sq. miles in Chico, Eradicated

Butte County Weights and Measures

The Butte County Agriculture Department, Division of Weights and Measures plays a vital role in the economic activity of the county. The program serves the community by safeguarding weighing and measuring accuracy and assuring confidence and integrity of purchased items. The benefit our office provides ensures fair competition for industry and accurate value comparison for consumers.

As a neutral third party between buyers and sellers we:

- Test weighing and measuring devices for correctness
- Examine and evaluate the work of service repairman
- Verify the quantity of bulk and packaged commodities
- Check consumer packages for proper labeling
- Inspect price scanner systems for accuracy
- Review weighmaster certificates, licensing requirements, proper bin and truck tares
- Regulate the advertising, labeling and quality standards for petroleum products

Mission

Our mission is to work with consumers and industry to insure that product transactions are fair, equitable and honest. As a regulatory agency established to uphold state weights and measures laws and regulations, our approach is to develop a positive working relationship with those we regulate and serve. This means achieving compliance in the most time efficient and cost effective means possible for all stakeholders. Understanding the important role business and industry play in Butte County, our desire is to foster an atmosphere that keeps them competitive and profitable, while simultaneously, making sure they comply with state mandated weights and measures statutes. This practice requires a more “customer oriented” attitude, but it’s the key to achieving equity in the marketplace in Butte County.

Providing a Service to Consumers and Industry

In 2010 we received and responded to over forty-five consumer weights and measures related complaints. In previous years, we would get more responses from consumers wanting to file complaints than we did from businesses requesting testing services. However, in 2010, the opposite occurred and we received almost twice as many requests from businesses asking for inspection services.

Weights & Measures Inspections Performed in 2010

SCALES

230 - Point of Sale
218 - Computing Scales
101 – Truck Scales
52 – Ag. Platform Scales
50 – Farmer’s Market Scales
47 – Recycling Platform
33 – Counter Scales
31 – Shipping Scales
19 - Building/Landscape/Medical
9 - Animal/Livestock Scales
8 – Jewelry & Prescription Scales
3 – Batch Hopper Scales
2 – Dormant & Monorail Scales

METERS

1,969 – Gas Pumps
130 – Electric Utility Submeters
98 – Gas Utility Submeters
91 – Water Utility Submeters
31- Stationary Propane Meters
24 – Wholesale Gas & Diesel
23 – Water Vending Machines
23 – Carpet, Fabric, Rope, Wire
15 – Petroleum Trucks
14 – Liquid Propane Trucks
2 – Compressed Natural Gas
2 – Ice Vending Machines
2 – Timing Devices, Car Wash

QUANTITIY CONTROL

2,000 – Package Audits
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PETROLEUM

78 – Inspections
15 – Gas & Diesel Samples

WEIGHMASTER

40 – Truck Tares
20 – Certificate Audits
3 – Follow-ups



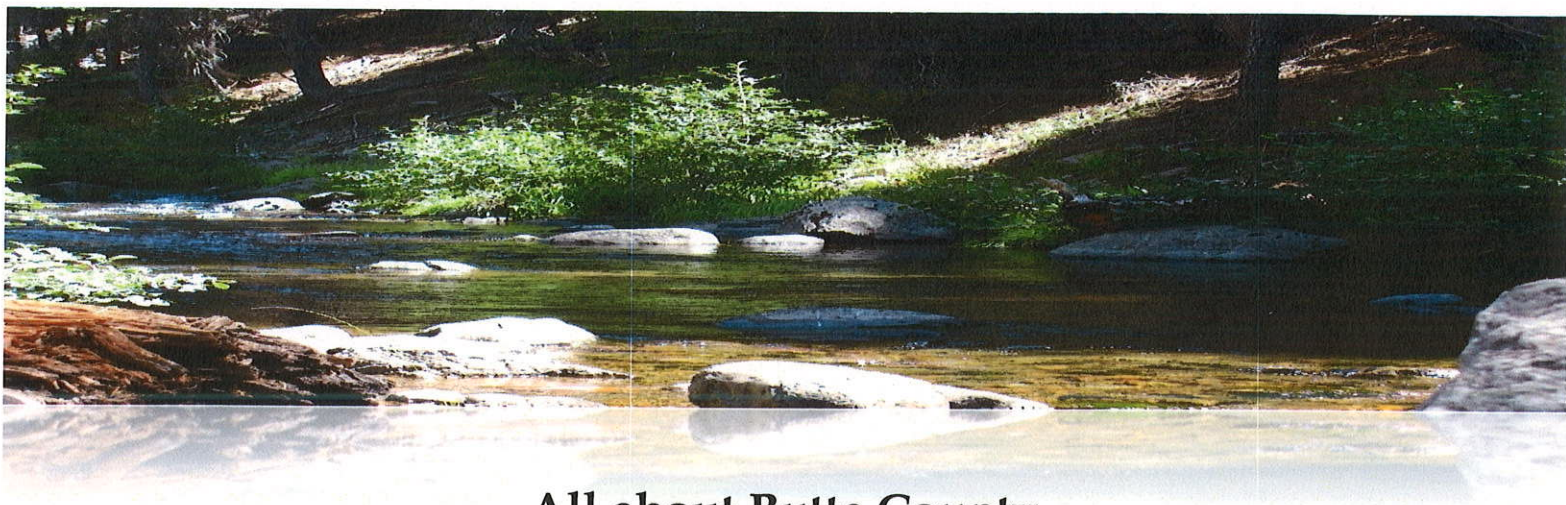


Department of Agriculture
316 Nelson Avenue
Oroville, California 95965

2011

Butte County Agricultural Crop Report





All about Butte County

"Land of Natural Wealth and Beauty"

The Butte County seat is Oroville, California

As of 2009, the population of Butte County was approximately 220,577

Butte County is approximately 1,677 square miles

1,639 square miles are land, 38 square miles are water

The highest point is Humboldt Peak at 7,870 feet

The lowest point is 90 feet above sea level

Butte County has rich valley soils, rolling hills, volcanic peaks and mesas

Butte County has 60,000 acres of parkland and wildlife preserves

Butte County is a vital wintering site for waterfowl that migrate through the Pacific Flyway; including geese, ducks and swans

Bidwell Park includes 3,600 acres of parkland

Feather Falls is the 6th largest waterfall in the U.S.

Average rainfall in Butte County is 26.04"

The 30-year average shows January's high temperature to be 54 degrees and the low temperature to be 36 degrees

The 30-year average shows June's high temperature to be 97 degrees and the low temperature to be 60 degrees



Agricultural and Weights & Measures Staff and Associates

Agricultural Commissioner/Director of Weights & Measures

Richard B. Price

Assistant Agricultural Commissioner/ Weights & Measures

Mary E. Daniels

Deputy Director's of Agriculture/ Weights & Measures

Navid A. Khan, Robert C. Hill, Tom Pisani

Supervising Agricultural Biologists

Mike Stewart, Helmut Bloo

Administrative Assistant, Senior

Charmaigne Damron

Office Specialists

Friede Violante, Janice Wallick

Senior Agricultural Biologist/Weights & Measures Inspectors

Randy Hartman, Ron Hunt, Katharine Quist, Eric Pittman

Agricultural Biologist/Weights & Measures Inspectors

Anastacia Allen, Apolinar Barrales, Ramon Jauregui,
Dan Shrout, Paul Weliver

Agricultural Technicians

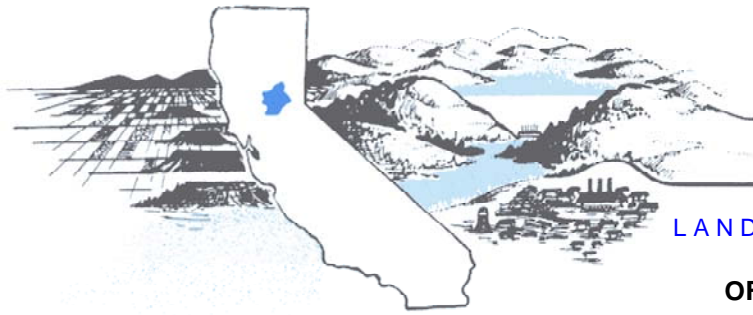
Tyson Adler, Gary Imhoff, Evan Padgett, Molly Quisenberry,
Julia Boyer, Craig Thompson, Kami Williams.

GIS Technician

Sally Loker

USDA Wildlife Specialist

Matt Albertson



Butte County

LAND OF NATURAL WEALTH AND BEAUTY

**OFFICES OF AGRICULTURAL COMMISSIONER
WEIGHTS AND MEASURES**

316 NELSON AVENUE OROVILLE, CALIFORNIA 95965-3318
AGRICULTURAL DEPT.: OFFICE: (530) 538-7381 FAX: (530) 538-7594

RICHARD B. PRICE
Agricultural Commissioner
Director of Weights and Measures

MARY E. DANIELS
Assistant Agricultural Commissioner
Weights and Measures

July 11, 2012

Karen Ross, Secretary of

California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors

Steve Lambert, Chairperson

Bill Connelly

Larry Wahl

Maureen Kirk

Kim Yamaguchi

Paul Hahn, Chief Administrative Officer,

In accordance with provisions of section 2279 of the California Food and Agriculture Code, I am submitting the sixty-sixth annual crop report of agricultural production and agricultural value in Butte County for the 2011 calendar year.

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 2011 totaled \$644,112,000. This is a 12 million dollar increase over the 2010 gross value total of \$631,524,000. The total increase in gross value of agriculture during 2011 is 29.0 percent above our county 10-year average of \$443,046,000.

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



2011 MILLION DOLLAR CROPS

	<u>CROP</u>	<u>VALUE</u>
1	WALNUTS	\$218,915,000
2	RICE	\$141,515,000
3	ALMONDS	\$129,080,000
4	DRIED PLUM	\$33,262,000
5	NURSERY STOCK	\$21,728,000
6	RICE SEED	\$15,340,000
7	FRUIT NUTS Misc.	\$11,169,000
8	CATTLE/CALVES	\$10,366,000
9	TIMBER	\$9,465,000
10	PEACHES-CLINGSTONE	\$7,836,000
11	FIELD CROPS Misc.	\$7,076,000
12	APIARY/POLLINATION	\$5,813,000
13	KIWIS	\$5,527,000
14	ALMOND HULLS	\$4,708,000
15	DRYLAND PASTURE & RANGE	\$4,655,000
16	SEED, Misc	\$3,308,000
17	OLIVES ALL	\$2,893,000
18	WHEAT	\$2,841,000
19	PISTACHIOS	\$2,358,000
20	PASTURE , Irrigated	\$1,930,000



FIVE YEAR SUMMARY OF CROP VALUES

	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
APIARY	\$7,300,000	\$7,197,000	\$7,153,942	\$7,078,000	\$5,813,000
PRODUCTS					
FIELD CROPS	\$144,741,000	\$266,206,000	\$201,062,334	\$198,690,000	\$160,306,000
FRUIT & NUT CROPS	\$298,284,000	\$232,981,000	\$280,076,771	\$371,097,000	\$416,935,000
LIVESTOCK, all	\$12,679,000	\$11,218,000	\$8,904,077	\$11,714,000	\$10,366,000
NURSERY	\$18,832,000	\$30,748,000	\$26,750,760	\$23,837,000	\$21,728,000
STOCK					
SEED CROPS	\$8,271,000	\$14,853,000	\$14,861,023	\$13,566,000	\$18,648,000
VEGETABLE CROPS	\$588,000	\$720,000	\$770,400	\$795,000	\$851,000
SUB TOTAL	\$490,695,000	\$563,923,000	\$539,579,307	\$626,777,000	\$635,647,000
TIMBER, all	\$16,558,000	\$16,005,000	\$4,433,950	\$4,747,000	\$9,465,000
GRAND TOTAL	\$507,253,000	\$579,928,000	\$544,013,257	\$631,524,000	\$644,112,000

FIVE YEAR SUMMARY OF PLANT CROP ACRES

	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
FIELD CROPS	368,396	375,030	371,082	367,419	370,401
FRUIT & NUT CROPS	88,373	86,672	90,842	97,709	93,083
SEED CROPS	5,671	5,702	5,482	5,785	6,949
VEGETABLE CROPS	685	690	740	755	792
GRAND TOTAL	463,125	468,094	468,146	466,989	471,225

2011 FIELD CROP ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>				<u>VALUE</u>	
		<u>HARVESTED</u>	<u>PER</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>TOTAL</u>
		<u>ACREAGE</u>	<u>ACRE</u>				<u>VALUE</u>
Beans, Dry Edible	2011	619	1.24	768	Ton	\$969	\$744,000
	2010	950	1.44	1,368	Ton	\$1,440	\$1,970,000
Hay, Alfalfa	2011	987	6.20	6,119	Ton	\$229	\$1,401,000
	2010	1080	6.35	6,858	Ton	\$118	\$809,000
Pasture, Irrigated	2011	16,500			Acre	\$117	\$1,930,000
	2010	16,500			Acre	\$123	\$2,030,000
Pasture, Other	2011	245,000			Acre	\$19.30	\$4,655,000
	2010	245,000			Acre	\$14.50	\$3,553,000
Rice*	2011	95,043	4.23	402,032	Ton	\$352	\$141,515,000
	2010	93,800	4.65	436,000	Ton	\$418	\$182,248,000
Safflower	2011	348	.86	299	Ton	\$481	\$144,000
	2010	375	1.18	443	Ton	\$315	\$134,000
Wheat	2011	5,751	2.41	13,860	Ton	\$205	\$2,841,000
	2010	3964	2.23	8,834	Ton	\$180	\$1,591,000
Misc**	2011	6,153					\$7,076,000
	2010	5,750					\$6,634,000
Total	2011	370,401					\$160,306,000
	2010	367,419					\$198,690,000

* Includes government payments.

** Alfalfa silage, barley, beans (other), corn, corn silage, lavender, oats, pumpkin, sorghum, wild rice, sweet rice, organic field crops, crop byproducts, etc.



2011 SEED ACREAGE, PRODUCTION & VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>				<u>VALUE</u>	
		<u>HARVESTED</u>	<u>PER</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>TOTAL</u>
		<u>ACREAGE</u>	<u>ACRE</u>			<u>VALUE</u>	
Rice	2011	5,560	8,900	49,484,000	Lbs.	\$0.31	\$15,340,000
	2010	4,327	9,300	40,241,100	Lbs.	\$0.27	\$10,865,000
Misc.	2011	1,389					\$3,308,000
	2010	1,458					\$2,701,000
Total	2011	6,949					\$18,648,000
	2010	5,785					\$13,566,000

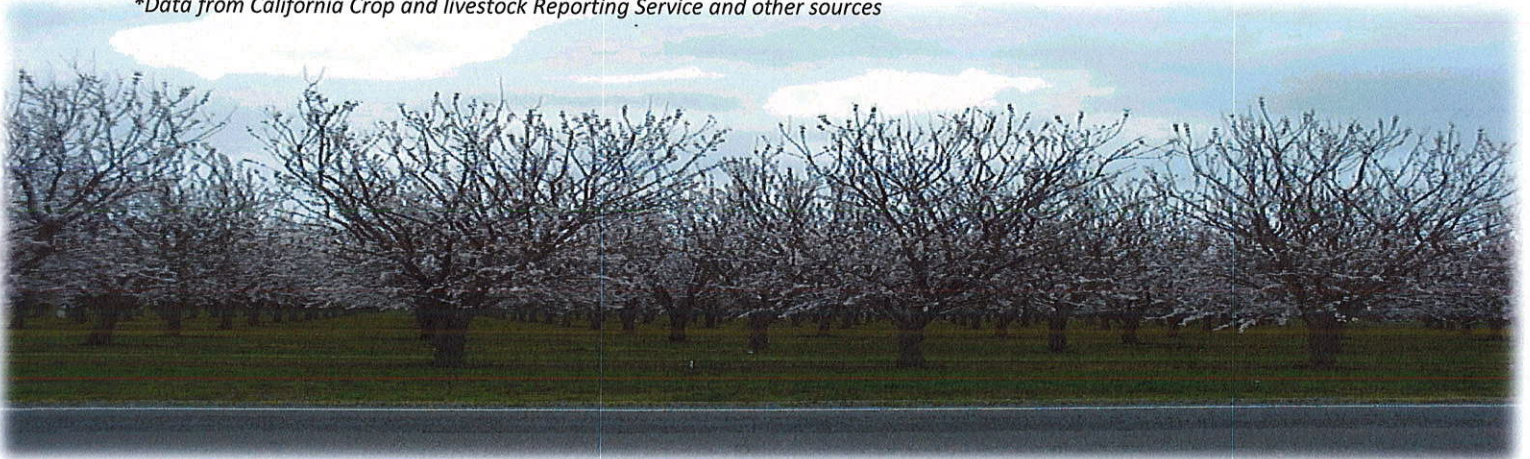
**Beans (other), cucurbits, melons, pumpkins, squash, sunflower, wild rice, organic field crops, crop byproducts, etc.*



2011 FRUIT & NUT CROPS ACREAGE STATISTICS

<u>Orchard Crops</u>	<u>Bearing Acreage*</u>	<u>Non-Bearing Acreage*</u>	<u>Total Acreage*</u>
Almonds	38,051	2,256	40,307
Apples	68	0	68
Apricots	31	9	40
Avocados	3	0	3
Cherries	327	51	385
Chestnuts	38	0	38
Grapes (all)	245	10	255
Kiwis	676	0	676
Mandarins	61	3	64
Nectarines	10	0	10
Olives (Oil)	2,055	200	2,541
Olive (Table)	690	0	690
Oranges	114	0	114
Peaches, Clingstone	2,091	48	2,139
Peaches, Freestone	70	0	70
Pears (all)	9	0	9
Pecans	246	123	369
Persimmons	89	0	89
Pistachios	487	180	667
Plums	151	14	165
Dried Plums	9,790	548	10,161
Walnuts, English	37,770	4,486	42,256
Walnuts, Black	30	0	30
Total	93,083	7,928	101,146

**Data from California Crop and livestock Reporting Service and other sources*



2011 FRUIT & NUT CROPS

ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION</u>		<u>TOTAL</u>	<u>UNIT</u>	<u>VALUE</u>	
		<u>HARVESTED</u>	<u>PER</u>			<u>CROP</u>	<u>TOTAL VALUE</u>
		<u>ACREAGE</u>	<u>ACRE</u>				
ALMONDS	2011	38,051	0.90	34,200	Ton	\$3,740	\$129,080,000
	2010	39,262	0.84	32,980	Ton	\$2,450	\$113,781,000
HULLS	2011	38		42,800	Ton	\$110	\$4,708,000
	2010			39,576	Ton	\$86	\$3,404,000
CITRUS	2011	117	4.70	550	Ton	\$950	\$522,000
	2010	94	4.58	430	Ton	\$1130	\$486,000
KIWIS	2011	676	8.36	5,600	Ton	\$980	\$5,488,000
	2010	710	7.48	5,310	Ton	\$1540	\$8,177,000
OLIVES (Oil)	2011	2055	2.2	4,500	Ton	\$550	\$2,475,000
	2010	2055	4.3	8,836	Ton	\$555	\$4,904,000
OLIVES (Table)	2011	690	.55	380	Ton	\$1,010	\$384,000
	2010	868	3.45	2,994	Ton	\$790	\$2,366,000
PEACHES	2011	2,161	14.80	31,900	Ton	\$250	\$7,975,000
	2010	2,288	15.4	35,235	Ton	\$275	\$9,690,000
PISTACHIOS	2011	487	1.1	530	Ton	\$4,400	\$2,332,000
	2010	487	.98	477	Ton	\$3,966	1,892,000
PLUMS (Dried)	2011	9,790	2.48	24,300	Ton	\$1,370	\$33,291,000
	2010	10,790	.98	31,291	Ton	\$1,360	\$42,556,000
WALNUTS	2011	37,770	2.07	78,100	Ton	\$2,800	\$218,680,000
	2010	33,330	2.67	88,465	Ton	\$1,980	\$173,392,000
**MISC.	2011	1,409			Ton		\$11,169,000
	2010	1,317			Ton		\$10,440,000
TOTAL	2011	93,206			Ton		\$416,104,000
	2010	91,171			Ton		\$371,097,000

*** Apples, apricots, avocados, blueberries, misc. berries, black walnuts, cherries, chestnuts, grapes, mandarins, peaches, (Freestone), crop by-products, pears, pecans, persimmons, plums, fresh prunes, organic tree crops, etc.
 Acres may vary from state report. Figures are based on harvested acres only.*





2011 APIARY PRODUCTS, PRODUCTION & VALUE

<u>CROP</u>		<u>Production</u>		<u>Value</u>	
Crop	Year	Total	Unit	Per Unit	Total
Pollination*	2011	42,120	Colony	\$138.00	\$5,813,000
	2010	43,915	Colony	\$145.00	\$6,368,000
Other Apiary Products**	2011				\$770,000
	2010				\$710,000
TOTAL	2011				\$6,583,000
	2010				\$7,078,000

*Pollination includes all required to pollinate crops grown in Butte County.

** Includes beeswax, honey, nuclei, packaged bees and queens.

2011 ORGANIC CROP STATISTICS

Registered Organic Producers*

84 Farms

19,386 Acres

\$8,472,000 Total Value

**Includes alfalfa, almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.*



2011 VEGETABLE VALUE

Certified Producers*

\$851,000 2011 Total Value

\$795,000 2010 Total Value

**Includes asparagus, broccoli, corn, cucumbers, melons, onions, oriental vegetables, pumpkins, squash, tomatoes, etc...*

2011 NURSERY ACREAGE & VALUE

224 - 2011 Total Acres

238 - 2010 Total Acres

\$21,728,000 2011 Total Value

\$23,837,000 2010 Total Value

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



2011 LIVESTOCK & POULTRY

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVE WT.		VALUE PER UNIT	TOTAL VALUE
Cattle & Calves	2011	15,500	77,500	Cwt.	\$115.00	\$8,913,000
	2010	19,500	97,900	Cwt.	\$110.00	\$10,770,000
Sheep, All	2011	1,700	2,550	Cwt.	\$72.00	\$184,000
	2010	1,400	1,925	Cwt.	\$65.00	\$125,100
Hogs, All	2011	2,090	6,270	Cwt.	\$125.00	\$784,000
	2010	590	1,530	Cwt.	\$120.00	\$183,600
	2011					\$485,000
	2010					\$510,000
TOTAL	2011					\$10,366,000
	2010					\$11,714,000

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

2011 LIVESTOCK PRODUCTS



ITEM	YEAR	PRODUCTION	UNIT	VALUE PER	
				UNIT	TOTAL
Milk, Market*	2011	52,894	Cwt.	\$20.12	\$1,064,000
	2010	52,284	Cwt.	\$16.10	\$842,000
Milk, Manufacturing*	2011	2,682	Cwt.	\$19.02	\$51,000
	2010	3,324	Cwt.	\$14.84	\$48,000
	2011		Cwt.		\$1,115,000
TOTAL	2010	55,608	Cwt.		\$890,000

*California Agricultural Statistics Service

2011 HARVEST TIMBER PRODUCTION & VALUE

ITEM	YEAR	PRODUCTION BOARD FEET*	VALUE
Harvested Timber**	2011	42,617,000	\$9,459,000
	2010	31,739,000	\$4,741,000
Other Timber Products	2011		\$6,000
	2010		\$5,400
TOTAL	2011		\$9,465,000
	2010		\$4,747,000

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

**Timber production and value data are provided by State Board of Equalization, Timber Tax Division.





2011 Butte County International Trading Partners

Butte County experienced a steady growth in Agricultural Exports in 2011. The agricultural export business continues to be a bright spot for Butte County's economy.

Commodities Exported

Almonds	Figs	Rice, all	Timber
Almond Shells	Kiwi	Seeds, other	Tomatoes
Air Plants	Plums, all	Sunflower Seeds	Walnuts

Destination Countries

Afghanistan	Greece	Mongolia	Singapore
Algeria	Guatemala	Morocco	South Africa
Austria	Hong Kong	Nepal	Spain
Belgium	Hungary	Netherlands	Sri Lanka
Brazil	India	New Zealand	Sweden
	Indonesia		
Cambodia	Israel	Oman	Switzerland
Chile	Italy	Pakistan	Taiwan
China	Japan	Philippines	Ukraine
Czech Republic	Kenya	Peoples Republic of China	United Arab Emirates
		Poland	United Kingdom
Denmark	Kyrgyzstan	Republic of Korea	Uzbekistan
Ecuador	Latvia	Russian Federation	Vietnam
France	Malaysia	Saudi Republic	
Germany	Mexico		



SHIPPER'S ORIGINAL

2011 Sustainable Agricultural Report

This report summarizes the varied activities 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 infestation 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 DETECTION

Approximately 1,115 traps were placed throughout the County to detect the presence of these pests: Mediterranean, Oriental and Melon Fruit Flies; Japanese and Khapra Beetles; European Grapevine and Gypsy Moth; Glassy-winged Sharpshooter and Asian Citrus Psyllid.



PEST EXCLUSION

Approximately 10,546 shipments were inspected for live exotic pests including the Glassy-winged Sharpshooter and Sudden Oak Death resulting in 7 Notice of Rejections issued.

PEST MANAGMENT

Weed Control Projects

		Control Activity	Chemical	Distribution
Skeleton Weed	<i>Chondrilla juncea</i>	Herbicide	Aminnopyralid	5 sites ~ 15 acres
Knap Weed, species	<i>Centaurea species</i>	Herbicide	Aminnopyralid	3 sites ~ 35 acres
Japanese Dodder	<i>Cuscuta japonica</i>	Manual/Herbicide	Glyphosate	3 Oroville locations, Eradicated
Oblong Spurge	<i>Euphorbia Oblongata</i>	Herbicide	Triclopyr	3 sites in Paradise
Sesbania	<i>Susbania punicea</i>	Herbicide	Triclopyr	Multiple locations in Oroville
Broom, species – In 2011 a total of 36 linear miles were treated with herbicide in Butte County				
Scotch	<i>Cytisus scoparius</i>	Herbicide	Triclopyr	Multiple County locations
Spanish	<i>Spartium junceum</i>	Herbicide	Triclopyr	Multiple County locations
French	<i>Cytisus monspesslarus</i>	Herbicide	Triclopyr	Multiple County locations
Purple Loosestrife	<i>Lythrum salicaria</i>	Bio-control	Various Agents	>500 acres in Oroville

Insect Control Projects

		Control Activity	Chemical	Distribution
Glassy Winged Sharpshooter	<i>Homalodisca coagulata</i>	Insecticide	Imidacloprid	4 sq. miles in Chico, Eradicated

Butte County Weights and Measures

The Butte County Agriculture Department, Division of Weights and Measures plays a vital role in the economic activity of the county. The program serves the community by safeguarding weighing and measuring accuracy and assuring confidence and integrity of purchased items. The benefit our office provides ensures fair competition for industry and accurate value comparison for consumers.

As a neutral third party between buyers and sellers we:

- Test weighing and measuring devices for correctness
- Examine and evaluate the work of service repairman
- Verify the quantity of bulk and packaged commodities
- Check consumer packages for proper labeling
- Inspect price scanner systems for accuracy
- Review weighmaster certificates, licensing requirements, proper bin and truck tares
- Regulate the advertising, labeling and quality standards for petroleum products

Mission

Our mission is to work with consumers and industry to insure that product transactions are fair, equitable and honest. As a regulatory agency established to uphold state weights and measures laws and regulations, our approach is to develop a positive working relationship with those we regulate and serve. This means achieving compliance in the most time efficient and cost effective means possible for all stakeholders. Understanding the important role business and industry play in Butte County, our desire is to foster an atmosphere that keeps them competitive and profitable, while simultaneously, making sure they comply with state mandated weights and measures statutes. This practice requires a more "customer oriented" attitude, but it's the key to achieving equity in the marketplace in Butte County.

Providing a Service to Consumers and Industry

In 2010 we received and responded to over forty-five consumer weights and measures related complaints. In previous years, we would get more responses from consumers wanting to file complaints than we did from businesses requesting testing services. However, in 2010, the opposite occurred and we received almost twice as many requests from businesses asking for inspection services.

Weights & Measures Inspections Performed in 2011

SCALES

230 - Point of Sale
218 - Computing
101 - Truck
52 - Ag. Platform
50 - Farmer's Market
47 - Recycling Platform
33 - Counter
31 - Shipping
19- Building/Landscape/Medical
16 - Jewelry & Prescription
9 - Animal/Livestock
4 - Dormant & Monorail
3 - Hopper

METERS

1,969 - Gas Pumps
159 - Gas Utility Submeters
77 - Electric Utility Submeters
62 - Water Utility Submeters
53 - Taxi
29- Stationary Propane
28 - Petroleum Trucks
24 - Wholesale Gas & Diesel
24 - Water Vending Machines
23 - Carpet, Fabric, Rope, Wire
19- Liquid Propane Trucks
2- Compressed Natural Gas

QUANTITY CONTROL

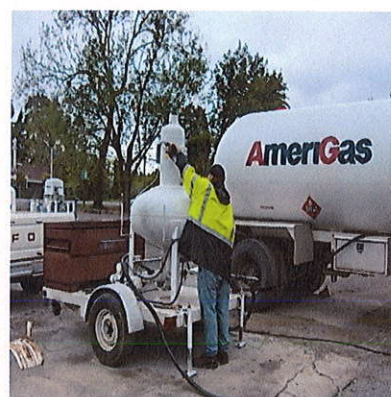
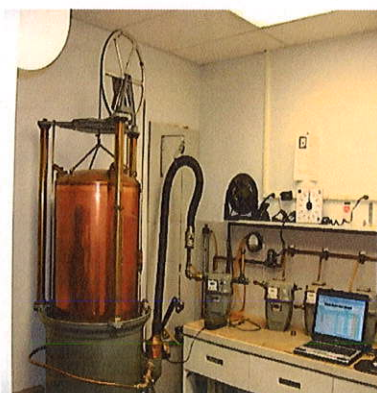
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Department of Agriculture
316 Nelson Avenue
Oroville, California 95965

BUTTE COUNTY
AGRICULTURAL
CROP REPORT
2012



Mission Statement

- Protect and perpetuate Agriculture, the #1 industry in Butte County, by ensuring a safe and healthy agriculture product.
- Promote and provide confidence of buyers and sellers by ensuring fairness in local, national and international trade.
- Protect and promote the well being of all our customers and our community through the fair, equitable application of agricultural and weights and measures standards, emphasizing education and cooperation, including the use of technology to enhance customer service.

Richard Price

Agricultural Commissioner / Director of Weights & Measures

Butte County

"Land of Natural Wealth and Beauty"

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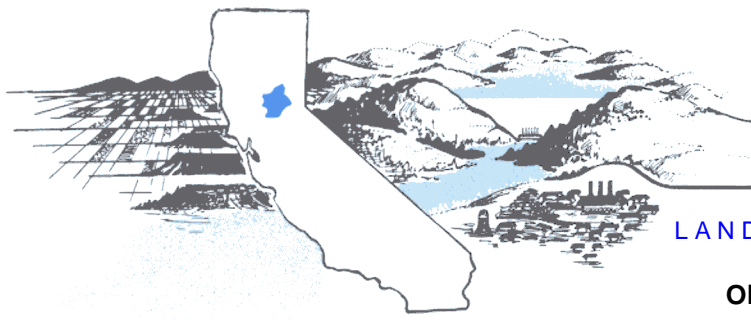
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Butte County

LAND OF NATURAL WEALTH AND BEAUTY

**OFFICES OF AGRICULTURAL COMMISSIONER
WEIGHTS AND MEASURES**

316 NELSON AVENUE OROVILLE, CALIFORNIA 95965-3318
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RICHARD B. PRICE
Agricultural Commissioner
Director of Weights and Measures

MARY E. DANIELS
Assistant Agricultural Commissioner
Weights and Measures

July 15, 2013

Karen Ross
Secretary of California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors
Bill Connelly, Chair Larry Wahl
Maureen Kirk Doug Teeter
Steve Lambert

Paul Hahn
Chief Administrative Officer

Dear Sirs and Madams,

In accordance with provisions of the California Food and Agriculture Code section 2279, I am submitting the seventy-third annual crop report that shows the agricultural production and agricultural value in Butte County for the 2012 calendar year. Our department has been providing annual crop reports since 1939.

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 2012 totaled \$721,434,000. This is a 77.3 million dollar increase over the 2011 gross value total of \$644,112,000. The total increase in gross value of agriculture during 2012 is 45.0 percent above our county 10-year average of \$497,000,000.

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

Agricultural and Weights & Measures Staff and Associates

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Supervising Agricultural Biologists

Helmut Bloo, Mike Stewart

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James Mathys, Garrett Moss & Janessa Walters

GIS Technician

Sally Loker

USDA Wildlife Specialist

Matt Albertson



Helmut Bloo

Thank you for your years of service to the Agricultural Community. Your expertise and wisdom will be long remembered. Good luck and enjoy your retirement!

2012 MILLION DOLLAR CROPS

	<u>CROP</u>	<u>VALUE</u>
1	WALNUTS	\$234,540,000
2	ALMONDS	\$160,931,000
3	RICE	\$154,574,000
4	DRIED PLUMS	\$32,525,000
5	NURSERY STOCK	\$21,558,000
6	RICE SEED	\$11,192,000
7	CATTLE & CALVES	\$10,491,000
8	FRUIT & NUTS (Misc.)	\$10,321,000
9	PEACHES – CLINGSTONE	\$9,896,000
10	TIMBER	\$9,573,000
11	FIELD CROP misc.	\$6,560,000
12	APIARY/POLLINATION	\$6,528,000
13	KIWIS	\$5,548,000
14	WHEAT	\$5,469,000
15	SEED (Misc)	\$5,304,000
16	ALMOND HULLS	\$4,606,000
17	DRYLAND PASTURE & RANGE	\$4,555,000
18	OLIVE OIL	\$4,949,000
19	PISTACHIOS	\$3,274,000
20	OLIVES, TABLE	\$2,195,000
21	HAY, ALFALFA	\$1,430,000
22	PASTURE, IRRIGATED	\$1,404,000



FIVE YEAR SUMMARY OF CROP VALUES

	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
APIARY PRODUCTS	\$7,197,000	\$7,153,942	\$7,078,000	\$5,813,000	\$7,340,000
FIELD CROPS	\$266,206,000	\$201,062,334	\$198,690,000	\$160,306,000	\$175,063,000
FRUIT & NUT CROPS	\$232,981,000	\$280,076,771	\$371,097,000	\$416,935,000	\$469,591,000
LIVESTOCK	\$11,218,000	\$8,904,077	\$11,714,000	\$10,366,000	\$11,421,000
NURSERY STOCK	\$30,748,000	\$26,750,760	\$23,837,000	\$21,728,000	\$21,558,000
SEED CROPS	\$14,853,000	\$14,861,023	\$13,566,000	\$18,648,000	\$16,496,000
VEGETABLE CROPS	\$720,000	\$770,400	\$795,000	\$851,000	\$872,000
ORGANIC CROPS					\$9,515,000
SUB TOTAL	\$563,923,000	\$539,579,307	\$626,777,000	\$635,647,000	\$702,341,000
TIMBER	\$16,005,000	\$4,433,950	\$4,747,000	\$9,465,000	\$9,578,000
GRAND TOTAL	\$579,928,000	\$544,013,257	\$631,524,000	\$644,112,000	\$721,434,000

FIVE YEAR SUMMARY OF PLANT CROP ACRES

	<u>2008</u>	<u>2009</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>
FIELD CROPS	375,030	371,082	367,419	370,401	373,484
FRUIT & NUT CROPS	86,672	90,842	97,709	93,083	95,043
SEED CROPS	5,702	5,482	5,785	6,949	6,468
VEGETABLE CROPS	690	740	755	792	789
GRAND TOTAL	468,094	468,146	466,989	471,225	475,784



2012 FRUIT & NUT CROPS ACREAGE STATISTICS

Orchard Crops	Bearing Acreage*	Non-Bearing Acreage*	Acreage*
ALMONDS	39,756	2,409	42,165
APPLES	58	0	58
APRICOTS	34	3	37
AVOCADOS	3	0	3
CHERRIES	376	9	385
CHESTNUTS	22	5	27
GRAPES	245	19	264
KIWIS	676	0	676
MANDARINS	61	26	87
NECTARINES	10	0	10
OLIVES (OIL)	2,055	200	2,255
OLIVE (TABLE)	690	0	690
ORANGES	114	0	114
PEACHES, CLINGSTONE	2,091	58	2,149
PEACHES, FREESTONE	57	0	57
PEARS	9	0	9
PECANS	246	123	369
PERSIMMONS	89	0	89
PISTACHIOS	487	210	697
PLUMS	154	10	164
DRIED PLUMS	9,820	510	10,330
WALNUTS, ENGLISH	37,970	5,128	43,078
WALNUTS, BLACK	30	0	30
Total	95,053	8,710	103,743

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



2012 FRUIT & NUT CROPS ACREAGE, PRODUCTION AND VALUE

CROP	YEAR	PRODUCTION HARVESTED ACREAGE	VALUE PER ACRE	TOTAL	UNIT	CROP	TOTAL VALUE
ALMONDS	2012	39,756	.88	34,985	Ton	\$4,600	\$160,931,000
	2011	38,051	0.90	34,200	Ton	\$3,740	\$129,080,000
HULLS	2012	--	--	44,718	Ton	\$103	\$4,606,000
	2011	--	--	42,800	Ton	\$110	\$4,708,000
CITRUS	2012	175	4.85	848	Ton	\$950	\$806,000
	2011	117	4.70	550	Ton	\$950	\$522,000
KIWIS	2012	676	8.29	5,604	Ton	\$990	\$5,548,000
	2011	676	8.36	5,600	Ton	\$980	\$5,488,000
OLIVES (Oil)	2012	2,055	4.3	8,837	Ton	\$560	\$4,949,000
	2011	2,055	2.2	4,500	Ton	\$550	\$2,475,000
OLIVES (Table)	2012	690	3.26	2,249	Ton	\$976	\$2,195,000
	2011	690	.55	380	Ton	\$1,010	\$384,000
PEACHES	2012	2,091	15.62	32,661	Ton	\$303	\$9,896,000
	2011	2,161	14.80	31,900	Ton	\$250	\$7,975,000
PISTACHIOS	2012	487	1.55	755	Ton	\$4,336	\$3,274,000
	2011	487	1.1	530	Ton	\$4,400	\$2,332,000
PLUMS (Dried)	2012	9,820	2.43	23,863	Ton	\$1,363	\$32,525,000
	2011	9,790	2.48	24,300	Ton	\$1,370	\$33,291,000
WALNUTS	2012	37,970	2.13	80,876	Ton	\$2,900	\$234,540,000
	2011	37,770	2.07	78,100	Ton	\$2,800	\$218,680,000
**MISC.	2012	1,323	--	--	Ton	--	\$10,321,000
	2011	1,409	--	--	Ton	--	\$11,169,000
TOTAL	2012	95,043	--	--	Ton	--	\$469,591,000
	2011	93,206	--	--	Ton	--	\$416,104,000

*** Apples, apricots, avocados, blueberries, misc. berries, black walnuts, cherries, chestnuts, grapes, mandarins, peaches, (Freestone), crop by-products, pears, pecans, persimmons, plums, fresh prunes, organic tree crops, etc.
Acres may vary from state report. Figures are based on harvested acres only.*

2012 FIELD CROP ACREAGE, PRODUCTION AND VALUE

<u>CROP</u>	<u>YEAR</u>	<u>PRODUCTION HARVESTED ACREAGE</u>	<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>CROP</u>	<u>TOTAL VALUE</u>
BEANS, DRY EDIBLE	2012	794	.98	778	Ton	\$958	\$918,000
	2011	619	1.24	768	Ton	\$969	\$744,000
HAY, ALFALFA	2012	1080	6.16	6652	Ton	\$215	\$1,430,000
	2011	987	6.20	6,119	Ton	\$229	\$1,401,000
PASTURE, IRRIGATED	2012	17,000	--	--	Acre	\$120	\$1,404,000
	2011	16,500	--	--	Acre	\$117	\$1,930,000
PASTURE, OTHER	2012	245,000	--	--	Acre	\$19.00	\$4,555,000
	2011	245,000	--	--	Acre	\$19.30	\$4,655,000
RICE*	2012	94,451	4.36	412,198	Ton	\$375	\$154,574,000
	2011	95,043	4.23	402,032	Ton	\$352	\$141,515,000
SAFFLOWER	2012	288	.89	256	Ton	\$495	\$126,000
	2011	348	.86	299	Ton	\$481	\$144,000
WHEAT	2012	8,973	2.65	23,778	Ton	\$230	\$5,469,000
	2011	5,751	2.41	13,860	Ton	\$205	\$2,841,000
MISC**	2012	5,902	--	--	--	--	\$6,560,000
	2011	6,153	--	--	--	--	\$7,076,000
TOTAL	2012	373,484					\$175,063,000
	2011	370,401					\$160,306,000



2012 SEED ACREAGE, PRODUCTION & VALUE

CROP	YEAR	PRODUCTION HARVESTED ACREAGE	VALUE PER ACRE	TOTAL	UNIT	CROP	TOTAL VALUE
RICE	2012	4,241	9,100	38,593,000	Lbs.	\$0.29	\$11,192,000
	2011	5,560	8,900	49,484,000	Lbs.	\$0.31	\$15,340,000
MISC.	2012	2,227			Ton		\$5,304,000
	2011	1,389					\$3,308,000
TOTAL	2012	6,468			Ton		\$16,496,000
	2011	6,949					\$18,648,000

**Beans (other), cucurbits, melons, pumpkins, squash, sunflower, wild rice, organic field crops, crop byproducts, etc.*

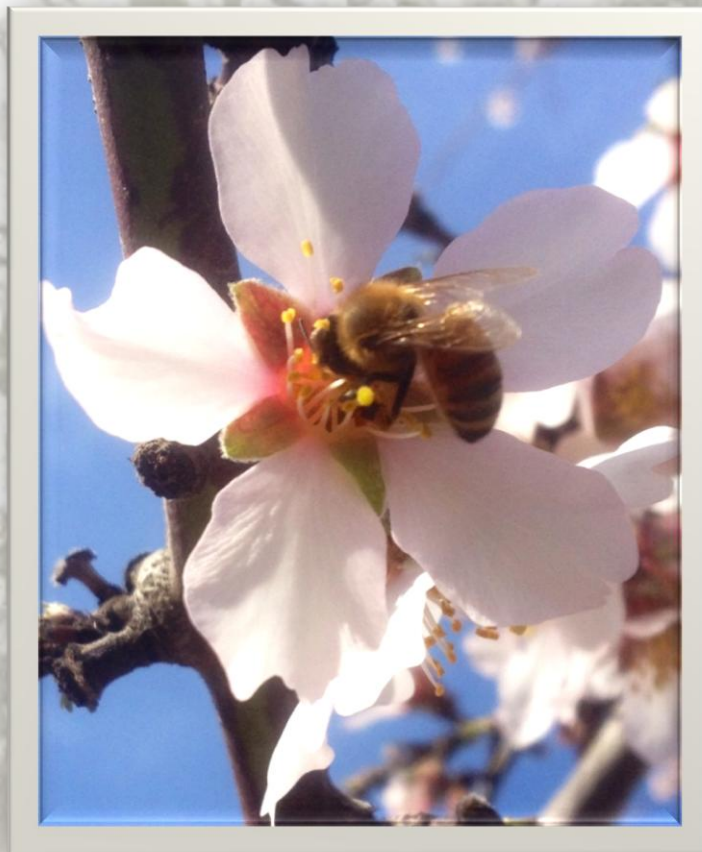


2012 APIARY PRODUCTS, PRODUCTION & VALUE

CROP	YEAR	PRODUCTION		VALUE	
		TOTAL	UNIT	PER UNIT	TOTAL
POLLINATION*	2012	45,650	Colony	\$143.00	\$6,528,000
	2011	42,120	Colony	\$138.00	\$5,813,000
OTHER APIARY PRODUCTS**	2012	--	--	--	\$812,000
	2011	--	--	--	\$770,000
TOTAL	2012				\$7,340,000
	2011				\$6,583,000

*Pollination includes all required to pollinate crops grown in Butte County.

** Includes beeswax, honey, nuclei, packaged bees and queens.



2012 ORGANIC CROP STATISTICS



Registered Organic Producers*

91 Farms

18,882 Acres

\$9,515,000 Total Value



**Includes alfalfa, almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.*

2012 VEGETABLE VALUE

Certified Producers*

\$851,000 - 2011 Total Value

\$872,000 - 2012 Total Value

**Includes asparagus, broccoli, corn, cucumbers, melons, onions, oriental vegetables, pumpkins, squash, tomatoes, etc...*

2012 NURSERY ACREAGE & VALUE

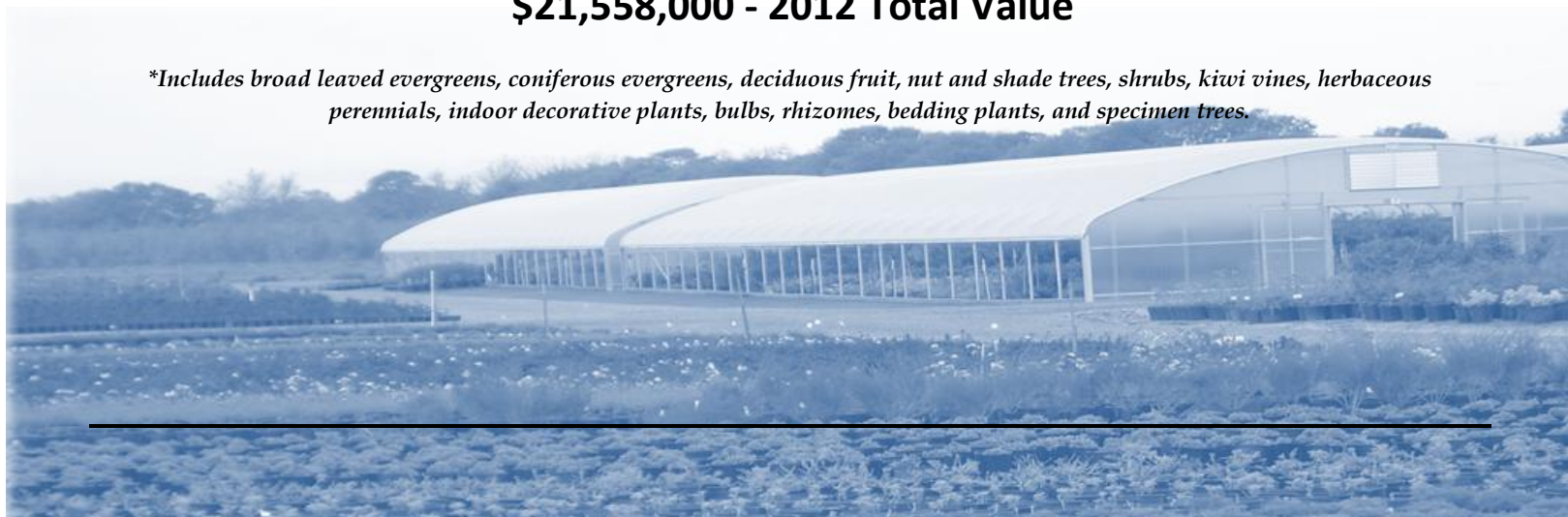
224 - 2011 Total Acres

238 - 2012 Total Acres

\$21,728,000 - 2011 Total Value

\$21,558,000 - 2012 Total Value

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



2012 LIVESTOCK & POULTRY

ITEM	YEAR	NO. OF HEAD	TOTAL LIVE WT.	UNIT	VALUE PER UNIT	TOTAL VALUE
CATTLE & CALVES	2012	15,400	77,000	Cwt.	\$124.00	\$9,548,000
	2011	15,500	77,500	Cwt.	\$115.00	\$8,913,000
SHEEP	2012	1,800	2,700	Cwt.	\$100.00	\$270,000
	2011	1,700	2,550	Cwt.	\$72.00	\$184,000
MISC.	2012	--	--	Cwt.	--	\$673,000
	2011	--	--	Cwt.	--	\$485,000
TOTAL	2012	--	--	Cwt.	--	\$10,491,000
	2011	--	--	Cwt.	--	\$10,366,000

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

2012 LIVESTOCK PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE PER	
				UNIT	TOTAL
MILK, MARKET*	2012	50,598	Cwt.	\$17.00	\$872,000
	2011	52,894	Cwt.	\$20.12	\$1,064,000
MILK MANUFACTURING*	2012	3,172	Cwt.	\$18.00	\$58,000
	2011	2,682	Cwt.	\$19.02	\$51,000
TOTAL	2012		Cwt.		\$930,000
	2011		Cwt.		\$1,115,000

*California Agricultural Statistics Service

2012 HARVEST TIMBER PRODUCTION & VALUE

ITEM	YEAR	PRODUCTION BOARD FEET*	VALUE
HARVESTED TIMBER**	2012	45,198,000	\$9,573,000
	2011	42,617,000	\$9,459,000
OTHER TIMBER PRODUCTS	2012		\$5,000
	2011		\$6,000
TOTAL	2012		\$9,578,000
	2011		\$9,465,000

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

***Timber production and value data are provided by State Board of Equalization, Timber Tax Division.*



2012 Butte County International Trading Partners

Butte County experienced a steady growth in Agricultural Exports in 2012. The agricultural export business continues to be a bright spot for Butte County's economy.

Commodities Exported

Almonds	Figs	Rice, all	Timber
Almond Shells	Kiwi	Seeds, other	Tomatoes
Air Plants	Plums, all	Sunflower Seeds	Walnuts

Destination Countries

Afghanistan	Greece	Mexico	Saudi Republic
Algeria	Guatemala	Mongolia	Singapore
Austria	Hong Kong	Morocco	South Africa
Belgium	Hungary	Nepal	Spain
Brazil	India	Netherlands	Sri Lanka
Cambodia	Indonesia	New Zealand	Sweden
Chile	Israel	Oman	Switzerland
China	Italy	Pakistan	Taiwan
Czech Republic	Japan	Philippines	Ukraine
Denmark	Kenya	Peoples Republic of China	United Arab Emirates
Ecuador	Kyrgyzstan	Poland	United Kingdom
France	Latvia	Republic of Korea	Uzbekistan
Germany	Malaysia	Russian Federation	Vietnam



2012 Sustainable Agricultural Report

This report summarizes the varied activities 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 infestation 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 DETECTION

Approximately 1,115 traps were placed throughout the County to detect the presence of these pests: Mediterranean, Oriental and Melon Fruit Flies; Japanese and Khapra Beetles; European Grapevine and Gypsy Moth; Glassy-winged Sharpshooter and Asian Citrus Psyllid.

PEST EXCLUSION

Approximately 6,770 shipments were inspected for live exotic pests including the Glassy-winged Sharpshooter and Sudden Oak Death resulting in 22 Notice of Rejections issued.

PEST MANAGMENT

Weed Control Projects

		Control Activity	Chemical	Distribution
Skeleton Weed	<i>Chondrilla juncea</i>	Herbicide	Aminnopyralid	5 sites ~ 15 acres
Knap Weed, species	<i>Centaurea species</i>	Herbicide	Aminnopyralid	3 sites ~ 35 acres
Oblong Spurge	<i>Euphorbia oblongata</i>	Herbicide	Triclopyr	3 sites in Paradise 1 site in Thermalito 1 site Chico
Sesbania	<i>Susbania punicea</i>	Herbicide	Triclopyr	Multiple locations in Oroville
Broom, species – In 2012 a total of 36 linear miles were treated with herbicide in Butte County				
Spanish	<i>Spartium junceum</i>	Herbicide	Triclopyr	Multiple County Locations
French	<i>Cytisus monspesslarus</i>	Herbicide	Triclopyr	Multiple County Locations
Scotch	<i>Cytisus scoparius</i>	Herbicide	Triclopyr	Multiple County Locations
Purple Loosestrife	<i>Lythrum salicaria</i>	Bio-control	Various Agents	>500 acres in Oroville
Wingleaf Primrose	<i>Ludwigia decurrans</i>	Herbicide	Glyphosate	Limited locations in Richvale

Insect Control Projects

		Control Activity	Chemical	Distribution
Glassy-winged Sharpshooter	<i>Homalodisca coagulata</i>	Insecticide	Imidacloprid	4 sq. miles in Chico, Eradicated

Butte County Weights and Measures

The Butte County Agriculture Department, Division of Weights and Measures plays a vital role in the economic activity of the county. The program serves the community by safeguarding weighing and measuring accuracy and assuring confidence and integrity of purchased items. The benefit our office provides ensures fair competition for industry and accurate value comparison for consumers.

As a neutral third party between buyers and sellers we:

- Test weighing and measuring devices for correctness
- Examine and evaluate the work of service repairman
- Verify the quantity of bulk and packaged commodities
- Check consumer packages for proper labeling
- Inspect price scanner systems for accuracy
- Review weighmaster certificates, licensing requirements, proper bin and truck tares
- Regulate the advertising, labeling and quality standards for petroleum products

Mission Statement

Our mission is to work with consumers and industry to insure that product transactions are fair, equitable and honest. As a regulatory agency established to uphold state weights and measures laws and regulations, our approach is to develop a positive working relationship with those we regulate and serve. This means achieving compliance in the most time efficient and cost effective means possible for all stakeholders. Understanding the important role that business and industry play in Butte County, our desire is to foster an atmosphere that keeps them competitive and profitable, while simultaneously, making sure they comply with state mandated weights and measures statutes. This practice requires a more “customer oriented” attitude, but it’s the key to achieving equity in the marketplace in Butte County.

Providing a Service to Consumers and Industry

In 2012 we received and responded to over forty-five consumer weights and measures related complaints. In previous years, we would get more responses from consumers wanting to file complaints than we did from businesses requesting testing services. However, in 2012, the opposite occurred and we received almost twice as many requests from businesses asking for inspection services.

Weights & Measures Inspections Performed in 2012

SCALES	METERS	QUANTITIY CONTROL
224 - Point of Sale	1,889 – Gas Pumps	2,500 – Package Audits
209 - Computing Scales	138 – Electric Utility Sub meters	200 – Price Verifications
102 – Truck Scales	115 – Gas Utility Submeters	25 – Packages Off Saled
58 – Dormant Platform Scales	180 – Water Utility Submeters	10 – Package Insp. Reports
50 – Farmer’s Market Scales	21- Stationary Propane Meters	8 – Bulk Commodity Insp.
47 – Recycling Platform	20 – Wholesale Gas & Diesel	7 – Labeling Inspections
35 – Counter Scales	4 – Water Vending Machines	<u>PETROLEUM</u>
29 – Shipping Scales	23 – Carpet, Fabric, Rope, Wire	78 – Initial Inspections
7 – Landscape	14 – Petroleum Trucks	13 – Gas & Diesel Samples
12 - Animal/Livestock Scales	16 – Liquid Propane Trucks	<u>WEIGHMASTER</u>
15 – Gold Jewelry & Pharmacy	0 – Compressed Natural Gas	26 – Truck Tares
1 – Batch Hopper	2 – Ice Vending Machines	20 – Certificate Audits
2 – Monorail	0 – Timing Devices, Car Wash	7 – Follow-ups



BUTTE COUNTY AGRICULTURAL CROP REPORT 2013

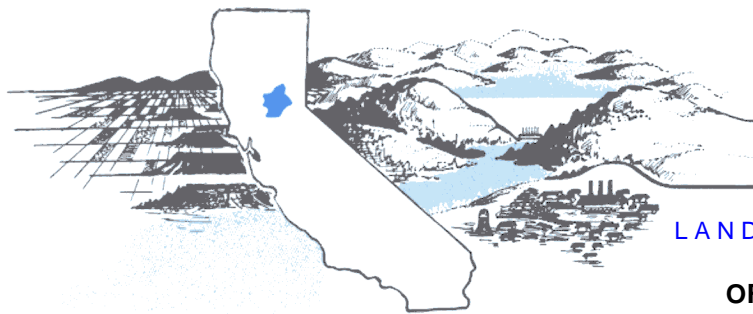


Mission Statement

- Protect and perpetuate Agriculture, the #1 industry in Butte County, by ensuring a safe and healthy agriculture product.
- Promote and provide confidence of buyers and sellers by ensuring fairness in local, national and international trade.
- Protect and promote the well being of all our customers and our community through the fair, equitable application of agricultural and weights and measures standards, emphasizing education and cooperation, including the use of technology to enhance customer service.

Richard Price

Agricultural Commissioner / Director of Weights & Measures



Butte County

LAND OF NATURAL WEALTH AND BEAUTY

OFFICES OF AGRICULTURAL COMMISSIONER WEIGHTS AND MEASURES

316 NELSON AVENUE OROVILLE, CALIFORNIA 95965-3318
AGRICULTURAL DEPT.: OFFICE: (530) 538-7381 FAX: (530) 538-7594

RICHARD B. PRICE
Agricultural Commissioner
Director of Weights and Measures

NAVID A. KHAN
Assistant Agricultural Commissioner
Weights and Measures

August 8, 2014

Karen Ross
Secretary of California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors
Doug Teeter, Chair Larry Wahl
Maureen Kirk Bill Connelly
Steve Lambert

Paul Hahn
Chief Administrative Officer

Dear Sirs and Madams,

In accordance with provisions of the California Food and Agriculture Code section 2279, I am submitting the 74th annual crop report that shows the agricultural production and agricultural value in Butte County for the 2013 calendar year. Our department has been providing annual crop reports since 1939.

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 2013 totaled **\$869,594,761**. This is a **\$148.16** million increase over the 2012 gross value total of \$721,434,000. The total increase in gross value of agriculture during 2013 is **51%** above our county 10-year average of **\$575,522,000**.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, who assist with this report by providing us with specific information pertaining to their business. I would also like to thank the staff of the Butte County Agriculture Department for compiling this report.

Respectfully submitted,

Richard B. Price

Richard B. Price, Agricultural Commissioner

Agricultural and Weights & Measures Staff and Associates

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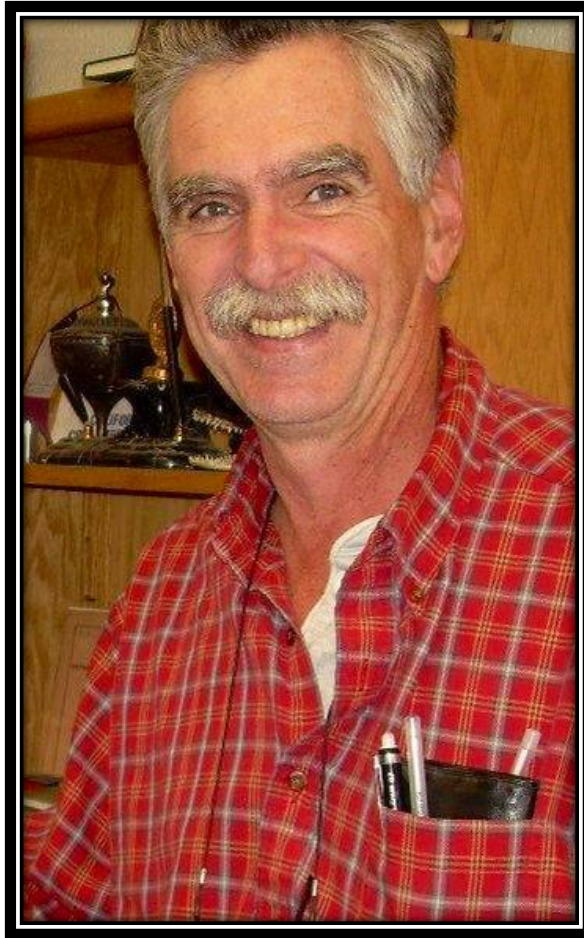
Tyson Adler, Hailey Daniels, Gary Imhoff,
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GIS Technician

Sally Loker

USDA Wildlife Specialist

Matt Albertsen



Mike Stewart

The 2013 Crop Report is dedicated to Mr. Mike Stewart. Mike worked in the Agricultural Commissioner system for 37+ years. Mike was one of the pioneers that successfully implemented laws and regulations with respect to pesticide use, pest exclusion, and federal phytosanitary issues in California. Mike's common sense approach to regulatory issues as well as day to day activities will not only be missed by our department, but also by the industry. On behalf of the Butte County Agricultural Commissioner's office we congratulate Mike on his well deserved retirement.

2013 MILLION DOLLAR CROPS

Rank	Crop	Value
1	WALNUTS	\$285,436,160
2	RICE	\$200,611,221
3	ALMONDS	\$196,059,320
4	PRUNES	\$36,272,902
5	NURSERY STOCK	\$29,458,000
6	RICE SEED	\$13,029,600
7	PEACHES – CLINGSTONE	\$12,081,300
8	CATTLE & CALVES	\$10,850,000
9	TIMBER	\$8,292,000
10	FRUIT & NUTS (Misc.)	\$7,095,673
11	APIARY/POLLINATION	\$7,092,000
12	FIELD CROP misc.	\$6,363,200
13	DRYLAND PASTURE & RANGE	\$6,037,500
14	SEED (Misc)	\$5,481,000
15	ALMOND HULLS	\$4,869,810
16	KIWIS	\$4,811,100
17	PISTACHIOS	\$4,501,875
18	OLIVE OIL	\$3,609,088
19	WHEAT	\$2,688,700
20	HAY, ALFALFA	\$1,802,250
21	VEGETABLE	\$1,785,000
22	PASTURE, IRRIGATED	\$1,764,000
23	CITRUS	\$1,277,000
24	OLIVES, TABLE	\$1,210,950
25	BEANS, DRY/ EDIBLE	\$1,180,200



FIVE YEAR SUMMARY OF CROP VALUES

	2009	2010	2011	2012	2013
APIARY PRODUCTS	\$ 7,153,942	\$ 7,078,000	\$ 5,813,000	\$ 7,340,000	\$ 7,977,000
FIELD CROPS	\$ 201,062,334	\$ 198,690,000	\$ 160,306,000	\$ 175,063,000	\$ 220,799,346
FRUIT & NUT CROPS	\$ 280,076,771	\$ 371,097,000	\$ 416,935,000	\$ 469,591,000	\$ 557,225,178
LIVESTOCK	\$ 8,904,077	\$ 11,714,000	\$ 10,366,000	\$ 11,421,000	\$ 12,099,000
NURSERY STOCK	\$ 26,750,760	\$ 23,837,000	\$ 21,728,000	\$ 21,558,000	\$ 29,458,000
SEED CROPS	\$ 14,861,023	\$ 13,566,000	\$ 18,648,000	\$ 16,496,000	\$ 18,510,600
VEGETABLE CROPS	\$ 770,400	\$ 795,000	\$ 851,000	\$ 872,000	\$ 1,785,000
ORGANIC CROPS				\$ 9,515,000	\$ 13,448,637
CROP TOTALS	\$ 539,579,307.00	\$ 626,777,000	\$ 634,647,000	\$ 711,856,000	\$ 861,302,761
TIMBER	\$ 4,433,950.00	\$ 4,747,000	\$ 9,465,000	\$ 9,578,000	\$ 8,292,000
GRAND TOTAL	\$ 544,013,257.00	\$ 631,524,000	\$ 644,112,000	\$ 721,434,000	\$ 869,594,761

FIVE YEAR SUMMARY OF PLANT CROP ACRES

	2009	2010	2011	2012	2013
FIELD CROPS	371,082	367,419	370,401	373,484	367,783
FRUIT & NUT CROPS	90,842	97,709	93,083	95,043	96,928
SEED CROPS	5,482	5,785	6,949	6,468	6,923
VEGETABLE CROPS	740	755	792	789	844
GRAND TOTAL	468,146	471,668	471,225	475,784	472,478



2013 FRUIT & NUT CROPS ACREAGE STATISTICS

ORCHARD CROPS	BEARING ACREAGE	NON-BEARING ACREAGE	TOTAL ACREAGE
ALMONDS	37,512	909	38,421
APPLES	65	--	65
APRICOTS	34	--	34
AVOCADOS	1	--	1
CHERRIES	391	--	391
CHESTNUTS	42.3	4.7	47
GRAPES (All)	159	18	177
KIWIS	610.9	4.1	615
MANDARINS	91	--	91
NECTARINES	8	--	8
OLIVES (Oil)	1,855	200	2,055
OLIVES (Table)	690	--	690
ORANGES	81	--	81
PEACHES, CLINGSTONE	2,036	4	2,040
PEACHES, FREESTONE	56	--	56
PEARS	13	--	13
PECANS	361	--	361
PERSIMMONS	96	--	96
PISTACHIOS	673	--	673
PLUMS	6	--	6
PRUNES	8,815	513	9,328
WALNUTS, ENGLISH	43,389	3,000	46,389
WALNUTS, BLACK	30	--	30
TOTAL	97015.2	4652.8	101668

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



2013 FRUIT & NUT CROPS ACREAGE, PRODUCTION AND VALUE

Crop	Year	Production Harvested Acreage	Value (Per Acre)	Total	Unit	Crop	Total Value (\$)
ALMONDS	2013	37,512	0.93	34,886	Ton	5,620	196,059,320
	2012	39,756	0.88	34,985	Ton	4,600	160,931,000
HULLS	2013	--	--	44,271	Ton	110	4,869,810
	2012	--	--	44,718	Ton	103	4,606,000
CITRUS	2013	172	5.4	928	Ton	1,375	1,277,000
	2012	175	4.85	848	Ton	950	806,000
KIWIS	2013	611	7.5	4,582	Ton	1,050	4,811,100
	2012	676	8.29	5,604	Ton	990	5,548,000
OLIVES (OIL)	2013	1,855	3.2	5,936	Ton	608	3,609,088
	2012	2,055	4.3	8,837	Ton	560	4,949,000
OLIVES (TABLE)	2013	690	1.8	1,242	Ton	975	1,210,950
	2012	690	3.26	2,249	Ton	976	2,195,000
PEACHES	2013	2,092	16.5	34,518	Ton	350	12,081,300
	2012	2,091	15.62	32,661	Ton	303	9,896,000
PISTACHIOS	2013	673	1.3	875	Ton	5,145	4,501,875
	2012	487	1.55	755	Ton	4,336	3,274,000
PRUNES	2013	8,815	2.5	22,037	Ton	1,646	36,272,902
	2012	9,820	2.43	23,863	Ton	1,363	32,525,000
WALNUTS	2013	43,419	1.9	82,496	Ton	3,460	285,436,160
	2012	37,970	2.13	80,876	Ton	2,900	234,540,000
MISC. **	2013	1,089	--	--	Ton	--	7,095,673
	2012	1,323	--	--	Ton	--	10,321,000
TOTAL		96,928	--	--	Ton	--	\$557,225,178

** Apples, blueberries, cherries, grapes (all), pears, pecans, persimmons, fruit trees
Acres may vary from state report. Figures are based on harvested acres only.



2013 FIELD CROP ACREAGE, PRODUCTION AND VALUE

CROP	YEAR	ACREAGE	VALUE (PER ACRE)	TOTAL	CROP	TOTAL
BEANS, DRY EDIBLE	2013	937	0.9	843	\$1,400	\$1,180,200
	2012	794	0.98	778	\$958	\$918,000
ALFALFA	2013	1,335	6	8,010	\$225	\$1,802,250
	2012	1,080	6.16	6,652	\$215	\$1,430,000
PASTURE, IRRIGATED	2013	14,700	--	--	\$120	\$1,764,000
	2012	17,000	--	--	\$120	\$2,040,000
PASTURE, OTHER	2013	241,500	--	--	\$25	\$6,037,500
	2012	245,000	--	--	\$19	\$4,655,000
RICE	2013	98,445	4.6	452,847	\$443	\$200,611,221
	2012	94,451	4.36	412,198	\$375	\$154,574,000
SAFFLOWER	2013	447	1.5	671	\$525	\$352,275
	2012	288	0.89	256	\$495	\$126,720
WHEAT	2013	4,871	2.4	11,690	\$230	\$2,688,700
	2012	8,973	2.65	23,778	\$230	\$5,469,000
MISC. **	2013	5,548	--	--	--	\$6,363,200
	2012	5,902	--	--	--	\$6,560,000
TOTAL	2013	367,783	--	--	--	\$220,799,346





2013 SEED ACREAGE, PRODUCTION & VALUE

CROP	YEAR	ACREAGE	VALUE (PER ACRE)	TOTAL	CROP	TOTAL
RICE	2013	4,880	8,900	43,432,000	\$0.30	\$13,029,600
	2012	4,241	9,100	38,593,000	\$0.29	\$11,192,000
MISC.	2013	2,043	--	--	--	\$5,481,000
	2012	2,227	--	--	--	\$5,304,000
TOTAL		6,923	--	--	--	\$18,510,600

2013 APIARY PRODUCTS, PRODUCTION & VALUE

CROP	YEAR	PRODUCTION	VALUE PER COLONY	TOTAL
POLLINATION	2013	53,789	\$143	\$7,092,000
	2012	45,650	\$143	\$6,528,000
OTHER APIARY PRODUCTS	2013	--	--	\$885,000
	2012	--	--	\$812,000
TOTAL		53,789	\$143.00	\$7,977,000



2013 ORGANIC CROP STATISTICS



Registered Organic Producers*

77 Farms

15,269 Acres

\$13,448,637 Total Value



**Includes alfalfa, almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.*

2013 VEGETABLE VALUE

Certified Producers*

\$872,000 - 2012 Total Value

\$1,785,000 - 2013 Total Value

**Includes asparagus, broccoli, corn, cucumbers, melons, onions, oriental vegetables, pumpkins, squash, tomatoes, etc...*

2013 NURSERY ACREAGE & VALUE

238 - 2012 Total Acres

286 - 2013 Total Acres

\$21,558,000 - 2012 Total Value

\$29,458,000 - 2013 Total Value

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



2013 LIVESTOCK & POULTRY

ITEM	YEAR	NO. OF HEAD	TOTAL LIVE WT.	\$ PER HEAD	TOTAL
CATTLE & CALVES	2013	15,500	77,500	\$140.00	\$10,850,000
	2012	15,400	77,000	\$124.00	\$9,548,000
SHEEP	2013	2,000	3,000	\$165.00	\$495,000
	2012	1,800	2,700	\$100.00	\$270,000
MISC.	2013	--	--	--	\$754,000
	2012	--	--	--	\$673,000
TOTAL		--	--	--	\$12,099,000

2013 LIVESTOCK PRODUCTS

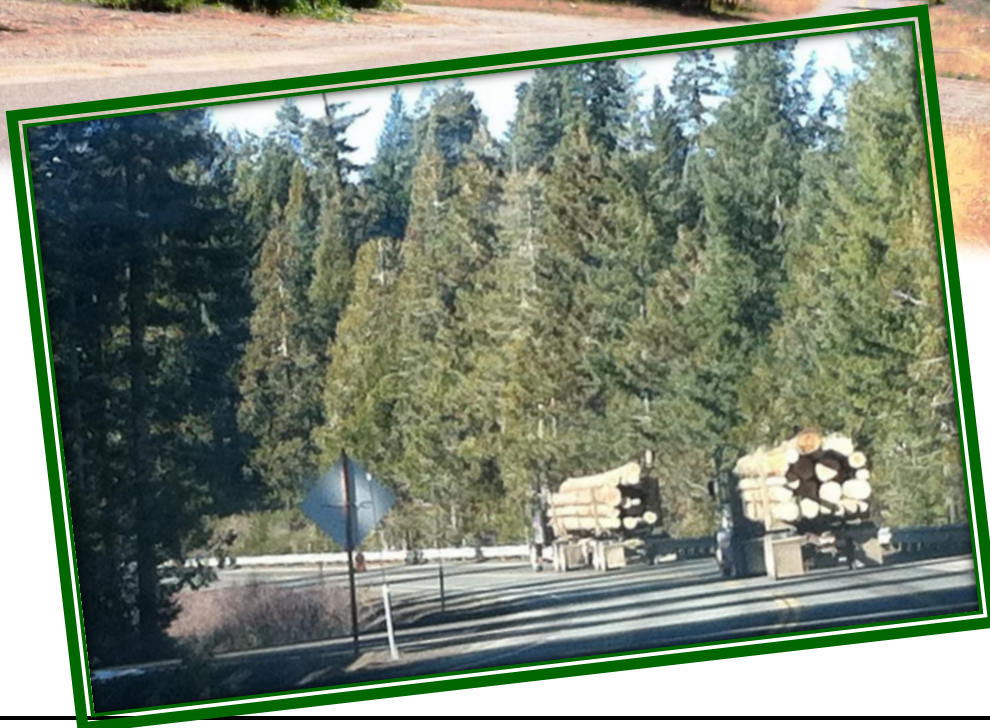
ITEM	YEAR	PRODUCTION	UNIT	\$ PER UNIT	TOTAL
MILK, MARKET	2013	46,053	Cwt	\$19.46	\$896,000
	2012	50,598	Cwt	\$17.00	\$872,000
MILK, MANUFACTURING	2013	796	Cwt	\$18.84	\$15,000
	2012	3,172	Cwt	\$18.00	\$58,000
TOTAL		46,849	Cwt	--	\$911,000

2013 HARVEST TIMBER PRODUCTION & VALUE

ITEM	YEAR	PRODUCTION (BFT)	VALUE
HARVESTED TIMER	2013	38,101,000	\$8,283,000
	2012	45,198,000	\$9,573,000
OTHER TIMBER PRODUCTS	2013	--	\$9,000.00
	2012	--	\$5,000
TOTAL		--	\$8,292,000

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

***Timber production and value data are provided by State Board of Equalization, Timber Tax Division.*



2013 Butte County International Trading Partners

Butte County experienced a steady growth in Agricultural Exports in 2013. The agricultural export business continues to be a bright spot for Butte County's economy.

Commodities Exported

Almonds	Figs	Seeds: Other	Tomatoes
Almond Hulls	Kiwi	Stone Fruit: Other	Vine Seeds
Air Plants	Plums: All	Sunflower Seeds	Walnuts
Cole Crops	Rice: All	Timber	

Destination Countries

Argentina	Czech Republic	Jordan	Russian Federation
Australia	Denmark	Latvia	Republic of Korea
Austria	Egypt	Lebanon	Samoa
Bahrain	El Salvador	Libya	Saudi Arabia
Belarus	Estonia	Lithuania	Serbia
Belgium	France	Malaysia	Singapore
Bolivia	French Polynesia	Mexico	South Africa
Bosnia/ Herzegovina	Germany	Mongolia	Spain
Botswana	Ghana	Morocco	Sweden
Brazil	Greece	Netherlands	Switzerland
British Virgin Islands	Guatemala	New Caledonia	Taiwan
Cambodia	Hong Kong	New Zealand	Thailand
Canada	India	Nicaragua	Trinidad & Tobago
Chile	Indonesia	Norway	Turkey
Colombia	Israel	Pakistan	Ukraine
Costa Rica	Italy	Panama	United Arab Emirates
Croatia	Japan	People's Republic of China	United Kingdom
Cyprus		Poland	Uruguay
			Vietnam



2013 Sustainable Agricultural Report

This report summarizes the varied activities 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 infestation 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 DETECTION

Approximately 1,117 traps were placed throughout the County to detect the presence of these pests: Mediterranean, Oriental and Melon Fruit Flies; Japanese and Khapra Beetles; European Grapevine and Gypsy Moth; Glassy-winged Sharpshooter and Asian Citrus Psyllid.

PEST EXCLUSION

Approximately 6,597 shipments were inspected for live exotic pests including the Glassy-winged Sharpshooter and Sudden Oak Death resulting in 21 Notice of Rejections issued.

PEST MANAGEMENT

Weed Control Projects

		Control Activity	Chemical	Distribution
Skeleton Weed	<i>Chondrilla juncea</i>	Herbicide	Aminnopyralid	5 sites ~ 15 acres
Knap Weed, species	<i>Centaurea species</i>	Herbicide	Aminnopyralid	3 sites ~ 35 acres
Oblong Spurge	<i>Euphorbia oblongata</i>	Herbicide	Triclopyr	3 sites in Paradise 1 site in Thermalito 1 site Chico
Sesbania	<i>Susbania punicea</i>	Herbicide	Triclopyr	Multiple locations in Oroville
Broom, species – In 2012 a total of 36 linear miles were treated with herbicide in Butte County				
Spanish	<i>Spartium junceum</i>	Herbicide	Triclopyr	Multiple County Locations
French	<i>Cytisus monspesslarus</i>	Herbicide	Triclopyr	Multiple County Locations
Scotch	<i>Cytisus scoparius</i>	Herbicide	Triclopyr	Multiple County Locations
Purple Loosestrife	<i>Lythrum salicaria</i>	Bio-control	Various Agents	>500 acres in Oroville
White Horsenettle	<i>Solanum marginatum</i>	Herbicide	Triclopyr	1 site South Gridley Hwy 99
Wingleaf Primrose	<i>Ludwigia decurrans</i>	Herbicide	Glyphosate	Limited locations in Richvale

Insect Control Projects

		Control Activity	Chemical	Distribution
Glassy-winged Sharpshooter	<i>Homalodisca coagulata</i>	Insecticide	Imidacloprid	4 sq. miles in Chico, Eradicated

Butte County Weights and Measures

The Butte County Agricultural Commissioner/Director of Weights & Measures plays a vital role in the economic activity of the county. The program serves the community by safeguarding weighing and measuring accuracy and assuring confidence and integrity of purchased items. The benefit our office provides ensures fair competition for industry and accurate value comparison for consumers.

As a neutral third party between buyers and sellers we:

- Test weighing and measuring devices for correctness
- Examine and evaluate the work of service repairman
- Verify the quantity of bulk and packaged commodities
- Check consumer packages for proper labeling
- Inspect price scanner systems for accuracy
- Review weighmaster certificates, licensing requirements, proper bin and truck tares
- Regulate the advertising, labeling and quality standards for petroleum products

Weights & Measures Inspections Performed in 2013

SCALES	METERS	QUANTITY CONTROL
367 - Computing	2,039 - Gas Pumps	1,680 – Package Audits
110 - Truck	201 – Electric Utility	450 – Packages Scanned
86 – Dormant/ Platform	150 – Gas Utility	10 – Overcharges
53 – Counter	111 – Taxi	5 – Packages Off Sale
50 – Farmer's Market Scales	107- Water Utility	3 – Bulk Commodity
49 – Recycling	38 – Wholesale Gas & Diesel	1 – Labeling
29 – Shipping	36 – Water Vending Machines	<u>PETROLEUM</u>
18 – Animal/ Livestock	22 - Petroleum Trucks	78 – Initial Inspections
15 - Gold/ Jewelry/ Rx	6 – Carpet/ Fabric/ Rope/ Wire	15 – Antifreeze/ Diesel/ Gas Samples
7 - Landscape	6 - Stationary Propane	<u>WEIGHMASTER</u>
6 – Batch Hopper	2 - Compressed Natural Gas	28 – Audits
1 – Monorail		24 – Truck Tares
		8 – Follow Ups

Ensuring Accurate Propane Deliveries

Propane gas in Butte County is big business. We have six propane gas companies operating in our county using over twenty-five propane trucks to provide service to thousands of residences in unincorporated areas. These customers depend on propane gas to heat their homes and water heaters and to run appliances. To deliver and sell their product, gas companies use trucks with meters mounted on them. The propane is stored under pressure to keep it in liquid form making it practical to transport and measure. To ensure accurate deliveries to consumers, the County Agricultural Commissioner/Sealer of Weights & Measures tests these meters annually.

A specialized piece of equipment called a propane prover is used to test the meters. Prior to 2013, we did not own a prover; we shared a 100 gallon prover with five neighboring counties. In order to use the prover, a \$300.00 annual fee was charged and the money deposited into a maintenance and replacement fund. The challenge with sharing the prover was that we only had access to it for three months during the busiest time of the year for propane sales. This made it difficult to test all the truck meters that needed testing, especially those that failed and had to be recalibrated and retested. We needed access to a 100 gallon propane prover all year. However, with the purchase price of approximately \$20,000 new and \$10,000 used, the likelihood of obtaining a prover seemed remote.

During a Deputy Sealers meeting Kern County Weights & Measures announced that their Board of Supervisors approved the funds for the purchase of a new 100 gallon propane prover and that their old one was going to be auctioned off. We approached Kern County and told them we were interested in purchasing the prover. They decided to donate it to us at no cost. After \$3,000 in repairs and upgrades it will go to the State of California Division of Measurement Standards Metrology Lab for certification. Having access to a 100 gallon propane prover year round will help us keep up with inspection demands and ensure that propane gas deliveries are accurate and correct.





Department of Agriculture
316 Nelson Ave.
Oroville, CA 95965

***BUTTE
COUNTY
AGRICULTURAL
CROP REPORT
2014***





Butte County Agricultural Commissioner's Mission Statement

Protect and perpetuate Agriculture, the #1 industry in Butte County, by ensuring a safe and healthy agriculture product. Promote and provide confidence of buyers and sellers by ensuring fairness in local, national and international trade. Protect and promote the wellbeing of all our customers and our community through the fair, equitable application of agricultural and weights and measures standards, emphasizing education and cooperation, including the use of technology to enhance customer service.

*Richard Price
Agricultural Commissioner / Director of Weights & Measures*



**Offices of Agricultural Commissioner
Weights and Measures**

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Richard B. Price, Agricultural Commissioner
Navid A. Khan, Asst. Agricultural Commissioner

buttecounty.net/agriculturalcommissioner

September 10, 2015

Karen Ross
Secretary of California Department of Food and Agriculture

The Honorable Butte County Board of Supervisors
Bill Connelly, Chair Larry Wahl
Maureen Kirk Doug Teeter
Steve Lambert

Paul Hahn
Chief Administrative Officer

Dear Sirs and Madams,

In accordance with provisions of the California Food and Agriculture Code section 2279, I am submitting the 75th annual crop report that shows the agricultural production and agricultural value in Butte County for the 2014 calendar year. Our department has been providing annual crop reports since 1939.

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 2014 totaled **\$810,905,398**. This is a \$58,689,363 decrease over the 2013 gross value total of \$869,594,761. The total increase in gross value of agriculture during 2014 is 23% above our county 10-year average of \$620,266,642.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, who assist with this report by providing us with specific information pertaining to their business. I would also like to thank the staff of the Butte County Agriculture Department for compiling this report.

Respectfully submitted,

Richard B. Price

Richard B. Price, Agricultural Commissioner

2014 MILLION DOLLAR CROPS

Rank	Crop	Value
1	ALMONDS	\$241,035,750
2	WALNUTS	\$232,016,400
3	RICE	\$150,963,120
4	PRUNES	\$40,955,000
5	NURSERY STOCK	\$17,819,000
6	RICE SEED	\$12,818,624
7	PEACHES	\$12,450,130
8	CATTLE & CALVES	\$11,470,000
9	APIARY/POLLINATION	\$10,865,340
10	HARVESTED TIMBER	\$8,639,538
11	FRUIT & NUTS (Misc.)	\$7,400,000
12	DRYLAND PASTURE & RANGE	\$5,875,000
13	SEED (Misc.)	\$5,864,670
14	KIWIS	\$5,769,600
15	ALMOND HULLS	\$5,040,000
16	FIELD CROP (Misc.)	\$4,900,000
17	PISTACHIOS	\$4,871,496
18	OLIVES (OIL)	\$3,664,318
19	HAY & ALFALFA	\$2,531,088
20	CITRUS	\$1,946,550
21	PASTURE, IRRIGATED	\$1,813,500
22	BEANS, DRY/ EDIBLE	\$1,706,100
23	VEGETABLES	\$1,503,000
24	OLIVES (TABLE)	\$1,499,784

FIVE YEAR SUMMARY OF CROP VALUES

CROP	2010	2011	2012	2013	2014
APIARY PRODUCTS	\$ 7,078,000	\$ 5,813,000	\$ 7,340,000	\$ 7,977,000	\$ 10,865,340
FIELD CROPS	\$ 198,690,000	\$ 160,306,000	\$ 175,063,000	\$ 220,799,346	\$ 168,290,698
FRUIT & NUT CROPS	\$ 371,097,000	\$ 416,935,000	\$ 469,591,000	\$ 557,225,178	\$ 556,649,028
LIVESTOCK	\$ 11,714,000	\$ 10,366,000	\$ 11,421,000	\$ 12,099,000	\$ 12,520,000
NURSERY STOCK	\$ 23,837,000	\$ 21,728,000	\$ 21,558,000	\$ 29,458,000	\$ 17,819,000
SEED CROPS	\$ 13,566,000	\$ 18,648,000	\$ 16,496,000	\$ 18,510,600	\$ 18,683,294
VEGETABLE CROPS	\$ 795,000	\$ 851,000	\$ 872,000	\$ 1,785,000	\$ 1,503,000
ORGANIC CROPS	N/A	N/A	\$ 9,515,000	\$ 13,448,637	\$ 15,935,500
CROP TOTALS	\$ 626,777,000	\$ 634,647,000	\$ 711,856,000	\$ 861,302,761	\$ 802,265,860
TIMBER	\$ 4,747,000	\$ 9,465,000	\$ 9,578,000	\$ 8,292,000	\$ 8,639,538
GRAND TOTAL	\$ 631,524,000	\$ 644,112,000	\$ 721,434,000	\$ 869,594,761	\$ 810,905,398

FIVE YEAR SUMMARY OF PLANT CROP ACRES

CROP	2010	2011	2012	2013	2014
FIELD CROPS	367,419	370,401	373,484	367,783	337,989
FRUIT & NUT CROPS	97,709	93,083	95,043	96,928	97,237
SEED CROPS	5,785	6,949	6,468	6,923	6,590
VEGETABLE CROPS	755	792	789	844	708
GRAND TOTAL	471,668	471,225	475,784	472,478	442,524



2014 FRUIT & NUT CROPS ACREAGE STATISTICS

ORCHARD CROPS	BEARING	NON-BEARING	TOTAL
ALMONDS	39,241	496	39,737
APPLES	44	0	44
APRICOTS	41	0	41
AVOCADOS	1	0	1
CHERRIES	99	0	99
CHESTNUTS	46	0	46
GRAPES (Table & Raisin)	12	0	12
GRAPES (Wine)	189	2	191
KIWS	601	0	601
MANDARINS	91	10	101
NECTARINES	7	0	7
OLIVES (Oil)	1,883	34	1,917
OLIVES (Table)	690	0	690
ORANGES	81	0	81
PEACHES, CLINGSTONE	1,554	20	1,574
PEACHES, FREESTONE	56	0	56
PEARS	13	0	13
PECANS	360	0	360
PERSIMMONS	97	0	97
PISTACHIOS	713	0	713
PLUMS	108	0	108
PRUNES	7,061	199	7,260
WALNUTS, ENGLISH	44,219	3,282	47,501
WALNUTS, BLACK	30	1	31
TOTAL	97,237	4,044	101,281

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



2014 FRUIT & NUT CROPS ACREAGE, PRODUCTION AND VALUE

Crop	Year	Bearing (ac)	Yield (tons)	Yield (tons) / Bearing (ac)	Value (\$) / 1 (ton)	Total (\$)
ALMONDS	2014	39,241	35,709	0.91	\$6,750	\$241,035,750
	2013	37,512	34,886	0.93	\$5,620	\$196,059,320
HULLS	2014	--	42,000	--	\$120	\$5,040,000
	2013	--	44,271	--	\$110	\$4,869,810
CITRUS	2014	224	1366	6.1	\$1,425	\$1,946,550
	2013	172	928	5.4	\$1,375	\$1,277,000
KIWIS	2014	601	4,808	8	\$1,200	\$5,769,600
	2013	611	4,582	7.5	\$1,050	\$4,811,100
OLIVES (OIL)	2014	1,883	6,591	3.5	\$556	\$3,664,318
	2013	1,855	5,936	3.2	\$608	\$3,609,088
OLIVES (TABLE)	2014	690	1,518	2.2	\$988	\$1,499,784
	2013	690	1,242	1.8	\$975	\$1,210,950
PEACHES	2014	1,610	33,649	20.9	\$370	\$12,450,130
	2013	2,092	34,518	16.5	\$350	\$12,081,300
PISTACHIOS	2014	713	856	1.2	\$5,691	\$4,871,496
	2013	673	875	1.3	\$5,145	\$4,501,875
PRUNES	2014	7,061	16,382	2.32	\$2,500	\$40,955,000
	2013	8,815	22,037	2.5	\$1,646	\$36,272,902
WALNUTS	2014	44,219	70,308	1.59	\$3,300	\$232,016,400
	2013	43,419	82,496	1.9	\$3,460	\$285,436,160
MISC. *	2014	1,045	--	--	--	\$7,400,000
	2013	1,089	--	--	--	\$7,095,673
TOTAL	2014	97,287	--	--	--	\$556,649,028

**Miscellaneous includes apples, blueberries, cherries, grapes (all), pears, pecans, persimmons, fruit trees
Acres may vary from state report. Figures are based on harvested acres only.*



2014 FIELD CROP ACREAGE, PRODUCTION AND VALUE

Crop	Year	Bearing (ac)	Yield (tons)	Yield (tons) / Bearing (ac)	Value (\$) / 1 (ton)	Total
BEANS, DRY EDIBLE	2014	1,939	1,551	0.8	\$1,100	\$1,706,100
	2013	937	843	0.9	\$1,400	\$1,180,200
ALFALFA	2014	1,458	10,206	7	\$248	\$2,531,088
	2013	1,335	8,010	6	\$225	\$1,802,250
PASTURE, IRRIGATED	2014	15,500	--	--	\$117†	\$1,813,500
	2013	14,700	--	--	\$120†	\$1,764,000
PASTURE, OTHER	2014	235,000	--	--	\$25†	\$5,875,000
	2013	241,500	--	--	\$25†	\$6,037,500
RICE	2014	77,800	342,320	4.4	\$441	\$150,963,120
	2013	98,445	452,847	4.6	\$443	\$200,611,221
SAFFLOWER	2014	92	101	1.1	\$490	\$49,490
	2013	447	671	1.5	\$525	\$352,275
WHEAT	2014	600	1,740	2.9	\$260	\$452,400
	2013	4,871	11,690	2.4	\$230	\$2,688,700
MISC. *	2014	5,600	--	--	--	\$4,900,000
	2013	5,548	--	--	--	\$6,363,200
TOTAL	2014	337,989	--	--	--	\$168,290,698

†Values (\$) / 1 (ac)



2014 APIARY PRODUCTS, PRODUCTION & VALUE

	YEAR	PRODUCTION (COLONIES)	VALUE PER COLONY	TOTAL
POLLINATION	2014	58,502	\$170	\$9,945,340
	2013	53,789	\$143	\$7,092,000
OTHER APIARY PRODUCTS	2014	--	--	\$920,000
	2013	--	--	\$885,000
TOTAL	2014			\$10,865,340



2014 ORGANIC CROP STATISTICS



Registered Organic Producers*
73 Producers – 16, 673 Acres
7 – Handlers
1 - Processor
\$15,932,500 Total Value



**Includes alfalfa, almonds, apples, berries, cherries, cut flowers, grapes, herbs, kiwi fruit, livestock, dairy, mandarins, nursery stock, olives, peaches, persimmons, prunes, rice, safflower, tomatoes, vegetables, vetch, walnuts and wild rice.*

2014 VEGETABLE VALUE

\$ 1,503,000 - 2014 Total Value

\$ 1,785,000 - 2013 Total Value

**Values reflect Certified Producer commodities such as asparagus, broccoli, corn, cucumbers, melons, onions, squash, tomatoes, etc.*

2014 NURSERY ACREAGE & VALUE

173 - 2014 Total Acres

\$ 17,819,000 - 2014 Total Value

286 - 2013 Total Acres

\$ 29,458,000 - 2013 Total Value

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

2014 HARVEST TIMBER PRODUCTION & VALUE

ITEM	YEAR	PRODUCTION (BFT)	VALUE
HARVESTED TIMBER	2014	42,799,000	\$8,628,351
	2013	38,101,000	\$8,283,000
OTHER TIMBER PRODUCTS	2014	--	\$11,187
	2013	--	\$9,000
TOTAL		--	\$8,639,538

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

***Timber production and value data are provided by State Board of Equalization, Timber Tax Division.*



2014 LIVESTOCK & POULTRY

ITEM	YEAR	NO. OF HEAD	TOTAL LIVE WT.	\$ PER HEAD	TOTAL
CATTLE & CALVES	2014	12,500	62,000	\$185.00	\$11,470,000
	2013	15,500	77,500	\$140.00	\$10,850,000
SHEEP	2014	1,800	2,400	\$145.00	\$348,000
	2013	2,000	3,000	\$165.00	\$495,000
MISC.	2014	--	--	--	\$702,000
	2013	--	--	--	\$754,000
TOTAL		--	--	--	\$12,520,000

2014 LIVESTOCK PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	\$ PER UNIT	TOTAL
MILK, MARKET	2014	51,930	Cwt	\$22.00	\$1,142,460
	2013	46,053	Cwt	\$19.46	\$896,000
MILK, MANUFACTURING	2014	--	Cwt	--	--
	2013	796	Cwt	\$18.84	\$15,000
TOTAL		51,930	Cwt	--	\$1,142,460



2014 SEED ACREAGE, PRODUCTION & VALUE

CROP	YEAR	ACREAGE	VALUE / ACRE	TOTAL	UNIT	CROP	TOTAL
RICE	2014	4,402	9,100	40,058,200	lbs.	\$0.32	\$12,818,624
	2013	4,880	8,900	43,432,000	lbs.	\$0.30	\$13,029,600
MISC.	2014	2,188	--	--		--	\$5,864,670
	2013	2,043	--	--		--	\$5,481,000
TOTAL		6,590	--	--		--	\$18,683,294

**Miscellaneous includes onion, carrot, sunflower, pumpkin, watermelon, squash, cucumber, bean, alfalfa and melon seed.*



2014 PHYTOSANITARY EXPORTS

In 2014, a total of 2,569 phytosanitary certificates were issued and exported to 72 countries and 11 states within the United States. Shipments included a variety of fruits, vegetables, grains, beans, lumber and plants. In addition, approximately 2,190 seed field acres were inspected and certified during the 2014 season.

2014 SUSTAINABLE AGRICULTURAL REPORT

This report summarizes the varied activities 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 infestation 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 DETECTION

At total of 1,132 traps were placed throughout the County to detect the presence of pests. The trap total included 293 Mediterranean, Oriental and Melon Fruit Fly traps, 74 Japanese Beetles traps; 316 traps for the Gypsy Moth, 284 Glassy-winged Sharpshooter traps, and 165 Asian Citrus Psyllid traps.

PEST EXCLUSION

Approximately 7,368 shipments were inspected for live exotic pests including the Glassy-winged Sharpshooter and Sudden Oak Death resulting in the issuance of 30 Notice of Rejections.

PEST MANAGMENT

Weed Control Projects

		Control Activity	Chemical	Distribution
Skeleton Weed	<i>Chondrilla juncea</i>	Herbicide	Aminnopyralid	5 sites ~ 15 acres
Knap Weed, species	<i>Centaurea species</i>	Herbicide	Aminnopyralid	3 sites ~ 35 acres
Oblong Spurge	<i>Euphorbia oblongata</i>	Herbicide	Triclopyr	3 sites in Paradise 1 site in Thermalito 1 site Chico
Sesbania	<i>Sebania punicea</i>	Herbicide	Triclopyr	Multiple locations in Oroville
Broom, species – In 2014 a total of 92 linear miles were treated with herbicide in Butte County				
Spanish	<i>Spartium junceum</i>	Herbicide	Triclopyr	Multiple County Locations
French	<i>Genista monspessulana</i>	Herbicide	Triclopyr	Multiple County Locations
Scotch	<i>Cytisus scoparius</i>	Herbicide	Triclopyr	Multiple County Locations
Purple Loosestrife	<i>Lythrum salicaria</i>	Bio-control	Various Agents	>500 acres in Oroville
White Horsenettle	<i>Solanum elaeagnifolium</i>	Herbicide	Triclopyr	1 site South Gridley Hwy 99
Wingleaf Primrose	<i>Ludwigia decurrens</i>	Herbicide	Glyphosate	Limited locations in Richvale

Insect Control Projects

		Control Activity	Chemical	Distribution
Glassy-winged Sharpshooter	<i>Homalodisca vitripennis</i>	Insecticide	Imidacloprid	4 sq. miles in Chico, Eradicated

BUTTE COUNTY WEIGHTS AND MEASURES

The Butte County Agricultural Commissioner/Director of Weights & Measures plays a vital role in the economic activity of the county. The program serves the community by safeguarding weighing and measuring accuracy and assuring confidence and integrity of purchased items. Our office provides fair competition for industry and accurate value comparison for consumers.

As a neutral third party between buyers and sellers we:

- Test weighing and measuring devices for correctness
- Examine and evaluate the work of service repairman
- Verify the quantity of bulk and packaged commodities
- Check consumer packages for proper labeling
- Inspect price scanner systems for accuracy
- Review weighmaster certificates, licensing requirements, proper bin and truck tares
- Regulate the advertising, labeling and quality standards for petroleum products

A Closer Look at Value - Checking the Net Contents of Packaged Goods

Do you ever wonder if that package of chicken breast you purchased really weighs three pounds? Or if that container of coffee actually contained 24 ounces? The Butte County Division of Weights and Measures does. When you consider the number of packages purchased each day and the dollar value of those transactions even small inaccuracies can mean millions of dollars in overcharges and shortages to consumers and merchants. One of the ways the Butte County Agricultural Commissioner/Director of Weights & Measures serve our citizens is by checking the net contents of packages to ensure that the quantity statements are accurate. Doing so guarantees that buyers are getting what they pay for and sellers are getting a marketplace based on fair competition.



When conducting package inspections we visit many supermarkets, grocery stores, meat markets, delicatessens, mom and pop stores and point-of-pack locations. Any packaged commodity sold by weight, measure or count may be tested. Inspectors conduct inspections on packaged goods using certified scales to



weigh the packages and a statistical sampling procedure to determine package accuracy. The net quantity statement on the label must be accurate. This means that the average net quantity of contents of packages in a lot must at least equal the net quantity of contents stated on the label. In addition, variations in individual package contents from the labeled quantity must not be unreasonably underfilled, even when overfilled packages in the same lot compensate for the shortage. On average, we audit hundreds of packages per location.

Inspector Dan Shrout has developed a computerized package inspection report program. The program is web based and compatible with Apple, Android, and Windows systems. The program retrieves the required information from the procedure tables, walks you through the statistical sampling procedures, and does all necessary math calculations including standard deviation thereby reducing the chance for human error. The finished report is professionally printed. Many counties have requested to use the program and Shrout has been willing to share it.

The routine inspection of the net contents of packages is a vital and valuable task our weights and measures inspectors perform. It helps consumers make good buying decisions by establishing a basis that facilitates value comparison between packages. Moreover, checking the net content of packages enables fair competition for businesses and manufactures by establishing uniform standards of weight, measure, volume and count that all must adhere to equally. Testing the net content of packages is one of the many ways that Weights & Measures inspectors work diligently to maintain equity in the marketplace.

