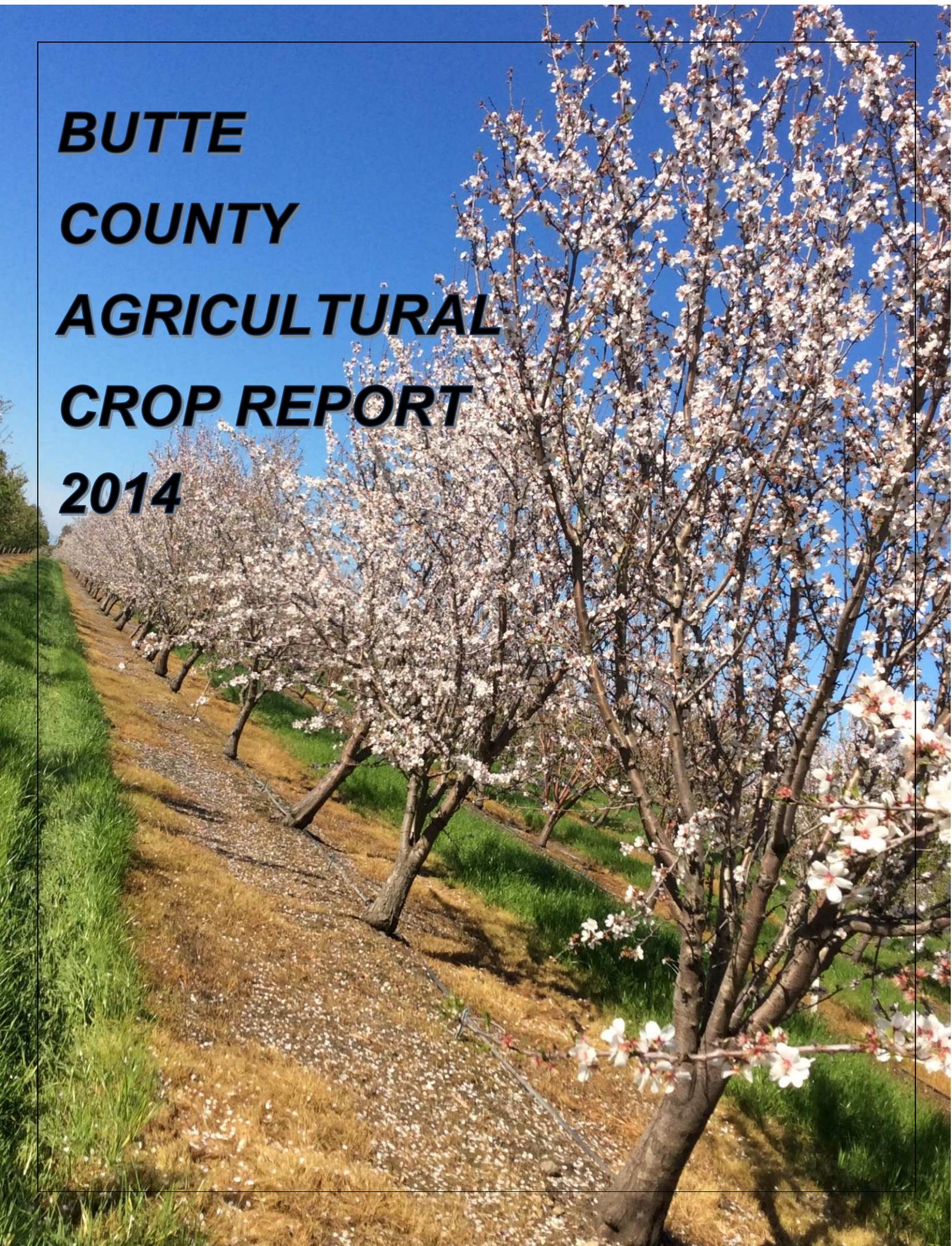


**BUTTE
COUNTY
AGRICULTURAL
CROP REPORT
2014**





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**

316 Nelson Avenue
Oroville, California 95965

T: 530.538.7381
F: 530.538.7594

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
KIWIS	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.*

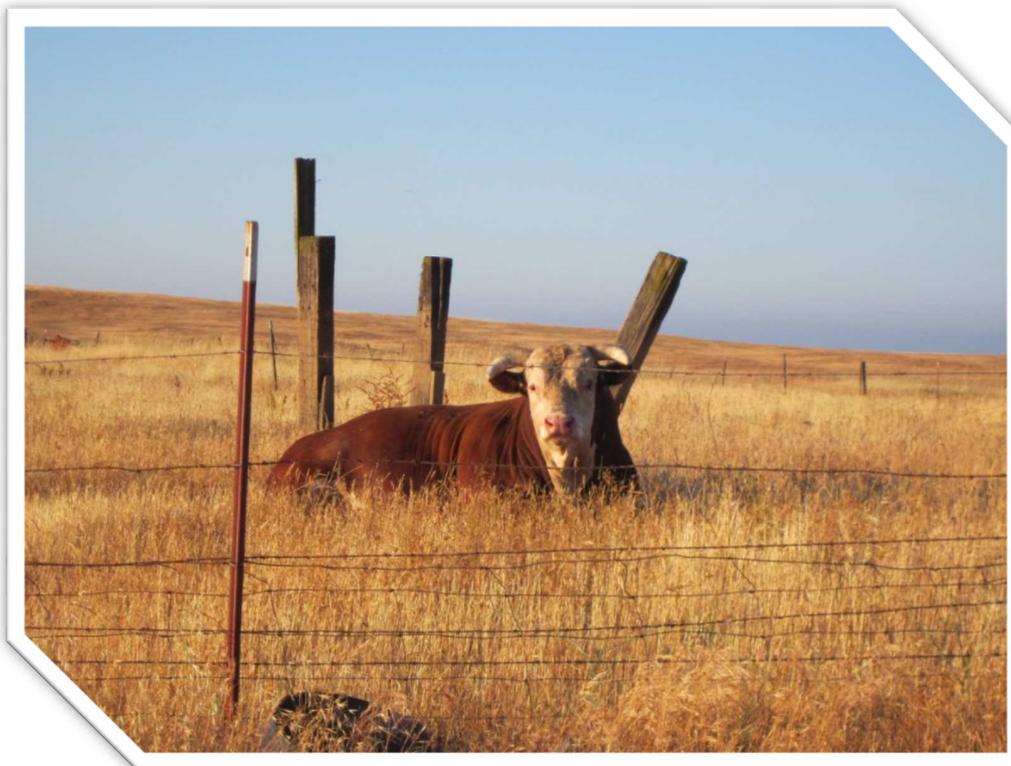


2014 LIVESTOCK & POULTRY

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

A 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 MANAGEMENT

Weed Control Projects

		Control Activity	Chemical	Distribution
Skeleton Weed	<i>Chondrilla juncea</i>	Herbicide	Aminopyralid	5 sites ~ 15 acres
Knap Weed, species	<i>Centaurea species</i>	Herbicide	Aminopyralid	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 Shroul 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 Shroul 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.

