

Shasta County 2014

Crop & Livestock Report





End of an Era

After 36 years in the agricultural industry, Mary Pfeiffer retired on June 13, 2014 as the Shasta County Agricultural Commissioner/Sealer of Weights & Measures. She had served in that position for over 20 years. Mary began her career in the private horticulture industry in 1978 in Santa Clara County and started her county service as a seasonal fruit fly trapper with the Santa Clara County Department of Agriculture the next year.

She worked for several other counties before being hired by the Shasta County Department of Agriculture in 1988. She served as an Investigator for several years and as the Deputy Commissioner for five years before being appointed as the Agricultural Commissioner/Sealer in January 1994. Through her tenure with the County, she worked through the ups and downs of budget cycles, pest infestations, and natural disasters and left the Department in excellent shape.

Mary is very well respected by her peers and colleagues. She served as the first female President of the California Agricultural Commissioners and Sealers Association and was a mentor to many currently seated Commissioners.





SHASTA COUNTY

DEPARTMENT OF AGRICULTURE/WEIGHTS & MEASURES

PAUL KJOS
Agricultural Commissioner
Sealer of Weights & Measures

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To: Karen Ross, Secretary
California Department of Food and Agriculture

The Honorable Board of Supervisors, County of Shasta

David A. Kehoe, District 1
Leonard Moty, Chairman, District 2
Pam Giacomini, District 3
Bill Schappell, District 4
Les Baugh, District 5

Lawrence G. Lees, County Executive Officer,

I am pleased to submit, in accordance with Section 2279 of the California Food and Agricultural Code, Shasta County's Annual Crop and Livestock Report for 2014. This report summarizes the acreage, production, and gross value of agricultural commodities and livestock produced in Shasta County during 2014. It does not attempt to show county inventory, cost of production, or net farm income.

In 2014, the total value of agricultural products produced in Shasta County increased to \$87,637,000, up almost 8% from the previous year. This value is an all time high for agricultural products from Shasta County and represents the fourth year in a row of record values. The increase is due mainly to the significant increase in livestock value and increased values of wild rice, alfalfa and grass hay, and walnuts.

Livestock values were almost 24% higher due to near record prices for some classes of cattle and increased weights of the cattle sold at auction. The value of walnuts produced in the County increased by 20% as a result of slight increase in acres, yield per acre, and price. The value of wild rice in Shasta County increased in both value and yield per acre, resulting in an overall value increase of over 25%.

The ongoing drought is having an impact on some hay crops produced in the County. The value of grain hays, listed as "Other Hay", were down by 35%. This was mainly due to the lack of spring rains which resulted in dramatic reduction in yields, including many fields not having sufficient stands to even harvest.

This report also includes a summary of notable pest exclusion, detection, and eradication efforts which have been performed by the Department in 2014.

I would like to thank the many producers, agricultural business representatives, and public agencies who have cooperated in supplying the data necessary to produce this report. Development of this report was completed under the leadership of Deputy Commissioner Carl Yingst and Agricultural Investigator John Ingram.

Sincerely,

PAUL KJOS
Agricultural Commissioner

Mission Statement

The Shasta County Department of Agriculture and Weights and Measures is entrusted with the mission of promoting and protecting the agricultural industry of the County and its environment, ensuring the health and safety of the County's citizens, and fostering confidence and equity in the marketplace through education and the fair and uniform enforcement of laws, regulations, and ordinances enacted by the people of the State of California and the County of Shasta.



Staff

Agricultural Commissioner/Sealer of Weights and Measures
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Shasta County does not discriminate on the basis of disability in access to its programs or facilities, or regarding employment.

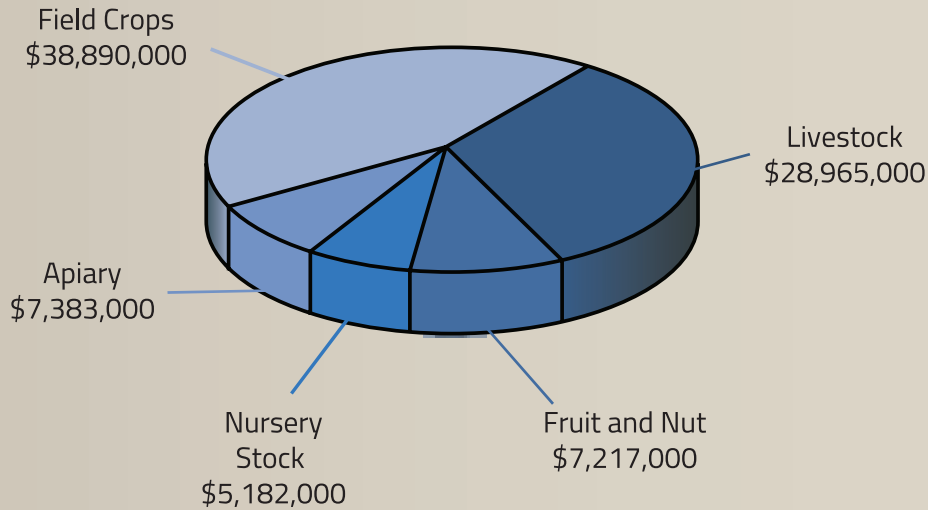
Questions or complaints? Need an alternate format for this publication or aid or assistance for effective communication?

Contact Angela Davis at (530) 225-5515;
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Cover Photo by John Ingram,
Taken in Northern California

Shasta County Livestock and Crop Summary

2014 TOTAL PRODUCTION VALUE: \$87,637,000

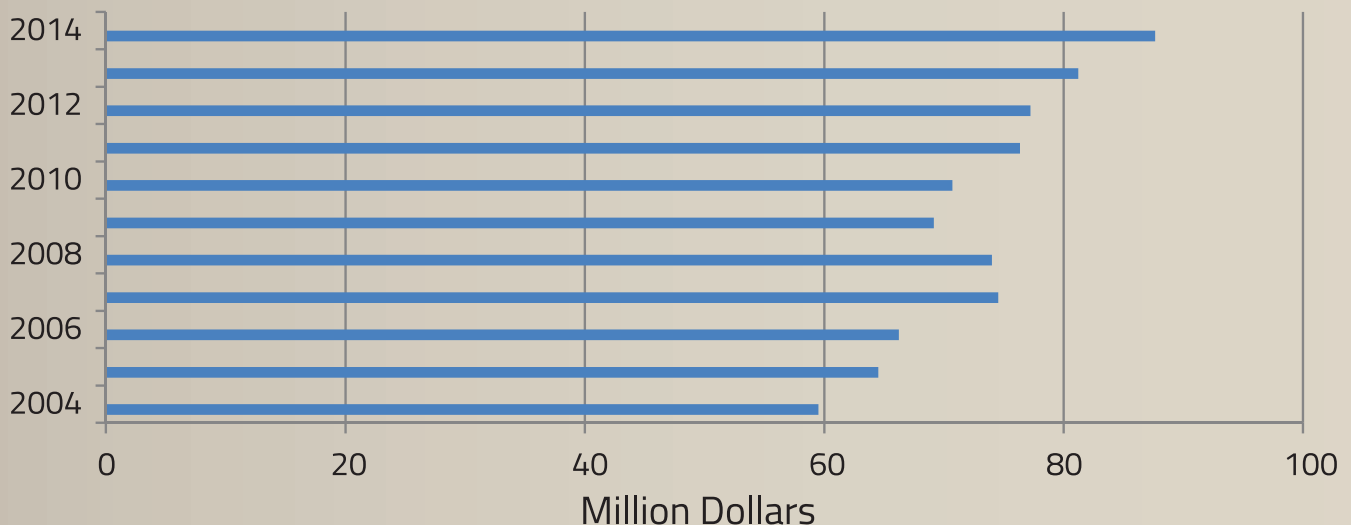


COMPARISON SUMMARY

	2014	2013	2012	2011
LIVESTOCK	\$28,965,000	\$23,348,000	\$24,320,000	\$24,571,000
APIARY PRODUCTS	7,383,000	6,646,000	5,353,000	5,795,000
FIELD CROPS	38,890,000	38,463,000	35,247,000	34,757,000
NURSERY STOCK	5,182,000	6,369,000	8,852,000	7,236,000
FRUIT & NUT CROPS	7,217,000	6,402,000	3,469,000	3,969,000
TOTALS	\$87,637,000	\$81,228,000	\$77,241,000	\$76,328,000
TIMBER	\$39,861,288	\$42,977,621	\$35,736,181	\$40,381,470
OTHER FOREST PRODUCTS	\$16,096,442	\$17,650,186	\$15,692,757	\$12,732,000

Totals may not add due to rounding.

TOTAL VALUE OF AGRICULTURAL PRODUCTS 2004-2014



Livestock Production

ITEM	YEAR	NO. HEAD	TOTAL LIVEWEIGHT	UNIT	AVG/UNIT	TOTAL
CATTLE & CALVES						
Calves and Yearlings*	2014	10,300	66,950	cwt	206.97	\$13,900,000
	2013	12,700	82,550	cwt	147.00	\$12,135,000
Culled Cattle**	2014	3,000	36,000	cwt	92.95	3,346,000
	2013	2,250	27,000	cwt	73.74	1,991,000
Breeding Stock	2014	2500		head	2,550.00	6,375,000
	2013	2800		head	1,433.00	4,012,000
Stocker/Pasture Cattle	2014	8,000	10,400	cwt	180.00	1,872,000
	2013	10,400	18,200	cwt	106.75	1,943,000
TOTAL CATTLE	2014					\$25,493,000
	2013					\$20,081,000
*Previously listed as feeders						
**Previously listed as Slaughter Cows and Bulls						
SHEEP & LAMBS						
	2014	2,200	2,662	cwt	171.25	456,000
	2013	2,500	3,025	cwt	117.00	354,000
SWINE						
All Classes	2014	800	1,800	cwt	103.75	187,000
	2013	1,000	2,250	cwt	77.50	174,000
OTHER LIVESTOCK*						
	2014					2,829,000
	2013					2,739,000
TOTAL LIVESTOCK						
	2014					\$28,965,000
	2013					\$23,348,000

*Fish, Poultry, Goats, Livestock Products, Alpacas etc.

Forest Products

ITEM	YEAR	PRODUCTION	UNIT	TOTAL
TIMBER	2014	192,176	million bd. ft.	\$39,861,288
	2013	271,291	million bd. ft.	\$42,977,621
MISC FOREST PRODUCTS	2014			\$16,096,422
	2013			\$17,650,186

Field Crops

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/ UNIT	TOTAL
WILD RICE	2014	5,600	1,510	8,456,000	lb	.82	\$6,934,000
	2013	5,700	1,362	7,763,400	lb	.71	\$5,512,000
MINT	2014	260	85	22,100	lb	22.68	501,000
	2013	260	85	22,100	lb	23.00	508,000
MISC CROPS*	2014						1,406,000
	2013						825,000
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HAY							
Grass	2014	4,400	4.9	21,560	ton	257.00	5,541,000
	2013	4,200	3.9	16,380	ton	255.00	4,177,000
Alfalfa	2014	3,300	5.2	17,160	ton	256.00	4,393,000
	2013	3,400	4.9	16,660	ton	200.00	3,332,000
Other Hay	2014	13,000	2.5	32,500	ton	230.00	7,475,000
	2013	13,000	3.9	50,700	ton	227.00	11,509,000
Timothy Hay	2014	2,600	5.4	14,040	ton	313.00	4,395,000
	2013	2,700	5.3	14,310	ton	290.00	4,150,000
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PASTURE							
Irrigated	2014	28,000			acre	140.00	3,920,000
	2013	33,000			acre	125.00	4,125,000
Improved	2014	100,000			acre	14.00	1,400,000
	2013	100,000			acre	14.00	1,400,000
Rangeland	2014	325,000			acre	9.00	2,925,000
	2013	325,000			acre	7.00	2,275,000
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TOTAL FIELD CROPS	2014						\$38,890,000
	2013						\$38,463,000

* Grain, Seed, Vegetables, Garlic, etc.

Fruit and Nut Crops

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/ UNIT	TOTAL
WALNUTS	2014	1,130	1.9	2,147	ton	3,000.00	\$6,441,000
	2013	1,110	1.6	1,776	ton	2,992.00	\$5,314,000
MISC CROPS*	2014						250,000
	2013						716,000
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WINE GRAPES							
Black and White	2014	160	2.9	464	ton	1133.00	526,000
	2013	160	2.0	320	ton	1162.00	372,000
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TOTAL ORCHARD CROPS	2014						\$7,217,000
	2013						\$6,402,000

* Apples, Olives, Stone Fruit, Pistachios, Berries, etc.

Apiary Products

ITEM	YEAR	PRODUCTION	UNIT	AVG/UNIT	TOTAL
HONEY	2014	28,342	lb	2.50	\$71,000
	2013	58,237	lb	1.85	\$108,000
QUEENS	2014	149,472	ea	20.53	3,069,000
	2013	158,456	ea	19.12	3,029,000
POLLINATION	2014	16,861	colonies	175.24	2,955,000
	2013	15,656	colonies	154.50	2,419,000
MISC APIARY PRODUCTS*	2014				1,288,000
	2013				1,090,000
TOTAL APIARY PRODUCTS	2014				\$7,383,000
	2013				\$6,646,000

* Includes Package Bees, Beeswax, Nuclei and Medicinal Bees



2014 Agricultural Export Trade Partners

International trade is a vital component of Shasta County's agricultural economy. Commodities produced here are shipped worldwide each year. Shasta County agricultural products were exported to the following twenty-two countries in 2014.

Argentina	India
Belgium	Jamaica
Canada	Jordan
China	Korea
Colombia	Kuwait
Cyprus	Mexico
Dominican Republic	Panama
Ecuador	Spain
Egypt	Tunisia
Guatemala	Ukraine
Haiti	United Kingdom

Nursery Stock

CROP	YEAR	TOTAL	AVG UNIT	UNIT	TOTAL
NURSERY STOCK*	2014				\$5,039,000
	2013				\$6,254,000
CHRISTMAS TREES	2014	12,351	ea	11.54	143,000
	2013	10,092	ea	11.43	115,000
TOTAL NURSERY STOCK	2014				\$5,182,000
	2013				\$6,369,000

* Strawberry Nursery Stock, Ornamentals

2014 Sustainable Agriculture Report

Significant pest interceptions included Huanglong Bing Disease (HLB), Glassy Wing Sharpshooter Egg Mass, Purple Scale, Scotch Thistle, Diffuse Knapweed, Skeleton Weed, Big Headed Ant, Australian Thrips, Bark Beetles, Sap Beetles, Pineapple Mealybug, Longtailed mealybug, Pacific Mealybug, and Hawaiian Thrips.

Pest Exclusion

Inspection Type	Premises Visited	Shipments Inspected	Rejections	Pest Interceptions
Post Office	159	650	3	0
Parcel Service	220	1,896	18	34
Gypsy Moth	5	5	0	0
Truck	44	158	0	0

Pest Detection

Trap Name	Number of Traps Deployed
Jackson Trap	
Mediterranean Fruit Fly	165
Melon Fruit Fly	57
Oriental Fruit Fly	57
Delta Trap	
Gypsy Moth	350
Japanese Beetle Trap	
Japanese Beetle	80
Glassy-winged Sharpshooter	300
Light Brown Apple Moth	190

Pest Eradication

Pest

Ailanthus, Canada Thistle, Chinese Wisteria, Dalmation Toadflax, Diffuse Knapweed, Marlahan Mustard, Mediterranean Sage, Musk Thistle, Oblong Spurge, Perennial Pepperweed, Scotch Broom, Scotch Thistle, Skeletonweed, Spotted Knapweed, Squarrose Knapweed, Stinkwort.

Agent/Mechanism

Integrated Vegetation Management

Scope of Program

422 sites spread over 40,934 acres throughout the County



Pest Management – Biological Control

Pest	Agent/Mechanism	Scope of Program
Yellow Starthistle <i>Centaurea solstitialis</i>	Flower Weevil - <i>Larinus curtus</i> Seed Weevil - <i>Bangasternus orientalis</i> Hairy Weevil - <i>Eustenopus villosus</i> Gall Fly - <i>Urophora sirunaseva</i> Peacock Fly - <i>Chaetorellia australis</i> YST Rust Fungus - <i>Puccinia jaceae var solstitialis</i>	4 Experimental Sites Generally distributed Generally distributed Generally distributed Generally distributed 6 Release Sites
Bull Thistle <i>Cirsium vulgare</i>	Gall Fly - <i>Urophora stylata</i>	1 Release Site
Spotted Knapweed <i>Centaurea maculosa</i>	Gall Fly - <i>Urophora quadrifasciata</i> Gall Fly - <i>Urophora affinis</i> Lesser Knapweed Weevil - <i>Larinus minutus</i> Root Moth - <i>Agapeta zoegana</i> Root Boring Weevil - <i>Cyphocleonus achates</i> Seedhead Weevil - <i>Bangasternus fausti</i> Seedhead Fly - <i>Terellia virens</i>	Established Established Established Established Established Established Established
Squarrose Knapweed <i>Centaurea squarrosa</i>	Lesser Knapweed Weevil - <i>Larinus minutus</i> Bronze Rootborer - <i>Sphenoptera jugoslavica</i>	1 Release Site 1 Release Site
Purple Loosestrife <i>Lythrum salicaria</i>	Leaf Beetles - <i>Galerucella californiensis</i> Leaf Beetles - <i>Galerucella pusilla</i> Seed Weevil - <i>Nanophyes marmoratus</i> Root Weevil - <i>Hyllobius transversovittatus</i>	5 Established Sites 3 Established Sites 4 Release Sites 5 Release Sites
Puncture Vine <i>Tribulus terrestris</i>	Seed Weevil - <i>Micolarinus lareynii</i> Stem Weevil - <i>Micolarinus lypriformis</i>	Generally distributed low elevation Generally distributed low elevation
St. Johnswort <i>Hypericum perforatum</i>	Klamath Weed Beetle - <i>Chrysolina sp.</i>	Generally distributed
Red Gum Lerp Psyllid <i>Glycaspis brimblecombei</i>	Psyllid Parasitoid Wasp - <i>Psyllaephagus bliteous</i>	2 Release Sites

Direct Marketing and Organic Farming

Direct Marketing Program

Direct marketing allows the sale of agricultural products from producers and certified producers within the state directly to consumers or to individuals, organizations, or entities that later sell or distributes the products directly to end users. This all takes place while maintaining sufficient regulatory control to ensure that the agricultural products are of acceptable quality and that the selling activities are conducted honestly and fairly.

Certified Farmers Markets - 10

Certified Producers - 51

Registered Organic Program

Organic Products

Fruits, Vegetables, Nuts, Grains, Seed Crops,
Nursery Stock, Pasture, Rangeland, Hay, Wild Rice

Number of Farms

32

Estimated Acres

11,359



Shasta County

**Department of Agriculture
Weights and Measures**

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