

SHASTA COUNTY

2015

CROP & LIVESTOCK REPORT







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

Pam Giacomini, Chairperson, District 3
David A. Kehoe, District 1
Leonard Moty, District 2
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 2015. This report summarizes the acreage, production, and gross values of agricultural commodities and livestock produced in Shasta County. It does not attempt to show county inventory, cost of production, or net return to growers.

The value of agricultural products produced in the County dropped from the previous year by 7% to \$80,915,000. This is due in large part to the drop in prices for hay, walnuts, and livestock. Local nursery stock producers and beekeepers experienced a strong year with increases in yields and prices for their crops.

Shasta County producers of hay products saw significant decreases in prices for all types of hay produced in the county; with overall prices for hay crops decreasing over \$6,000,000 from the previous year. The ongoing drought resulted in decreases in the amount of dryland forage produced, resulting in a 10% reduction of the rangeland acres and value. The walnut producers in the county saw reductions in the yield per acre in addition to a 22% drop in prices from the previous year; resulting in an overall reduction of over \$1,500,000 in walnut values. The livestock industry suffered precipitous drops in the price of livestock in the last quarter of the year, resulting in a reduction from previous year, in spite of a strong market in the beginning of 2015.

Despite the losses suffered nationally to the beekeeping industry, Shasta County beekeepers maintained their value overall. Increases in the number of queen bees produced in the county led the industry to a slight increase in overall apiary value.

I would like to thank the producers, agricultural business representatives, and public agencies that cooperated in supplying the data necessary to produce this report. I would also like to thank Agricultural Investigator John Ingram for his leadership in the development of this report.

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.



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Shasta County does not discriminate on the basis of disability in access to its programs or facilities, or regarding employment.

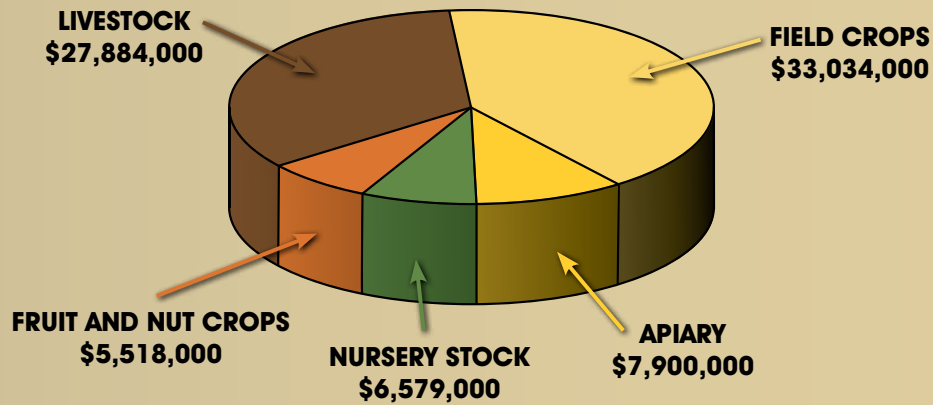
Questions or complaints? Need an alternate format for this publication or aid or assistance for effective communication?

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

2015 TOTAL PRODUCTION VALUE: \$80,915,000

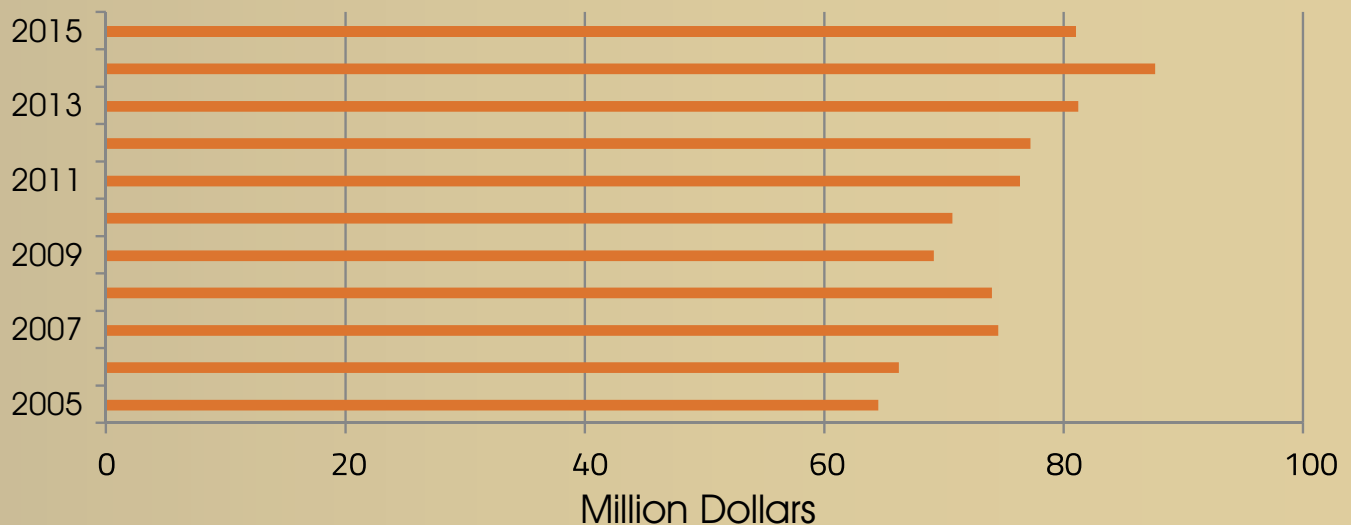


COMPARISON SUMMARY

	2015	2014	2013	2012
LIVESTOCK	\$27,884,000	\$28,965,000	\$23,348,000	\$24,320,000
APIARY	7,900,000	7,383,000	6,646,000	5,353,000
FIELD CROPS	33,034,000	38,890,000	38,463,000	35,247,000
NURSERY STOCK	6,579,000	5,182,000	6,369,000	8,852,000
FRUIT & NUT CROPS	5,518,000	7,217,000	6,402,000	3,469,000
TOTALS	\$80,915,000	\$87,637,000	\$81,228,000	\$77,241,000
TIMBER	\$37,454,055	\$39,861,288	\$42,977,621	\$35,736,181
OTHER FOREST PRODUCTS	\$9,681,694	\$16,096,442	\$17,650,186	\$15,692,757

Totals may not add due to rounding.

TOTAL VALUE OF AGRICULTURAL PRODUCTS 2005-2015



Livestock Production

ITEM	YEAR	NO. HEAD	TOTAL LIVEWEIGHT	UNIT	AVG/UNIT	TOTAL
CATTLE & CALVES						
Calves and Yearlings*	2015	10,000	65,000	cwt	193.92	\$12,605,000
	2014	10,300	66,950	cwt	206.97	\$13,900,000
Culled Cattle**	2015	2,800	35,000	cwt	91.35	3,197,000
	2014	3,000	36,000	cwt	92.95	3,346,000
Breeding Stock	2015	2,800		head	2,381.00	6,667,000
	2014	2,500		head	2,550.00	6,375,000
Stocker/Pasture Cattle	2015	8,300	10,790	cwt	192.00	2,072,000
	2014	8,000	10,400	cwt	180.00	1,872,000
TOTAL CATTLE	2015					\$24,541,000
	2014					\$25,493,000
*Previously listed as feeders						
**Previously listed as Slaughter Cows and Bulls						
SHEEP & LAMBS						
	2015	2,200	2,662	cwt	151.25	403,000
	2014	2,200	2,662	cwt	171.25	456,000
SWINE						
All Classes	2015	800	1,800	cwt	82.50	149,000
	2014	800	1,800	cwt	103.75	187,000
OTHER LIVESTOCK*						
	2015					2,791,000
	2014					2,829,000
TOTAL LIVESTOCK						
						2015
						2014
						\$27,884,000
						\$28,965,000

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

Forest Products

ITEM	YEAR	PRODUCTION	UNIT	TOTAL
TIMBER	2015	170,490	million bd. ft.	\$37,454,055
	2014	192,176	million bd. ft.	\$39,861,288
MISC FOREST PRODUCTS				
	2015			\$9,681,694
	2014			\$16,096,442

Field Crops

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WILD RICE	2015	5,500	1,437	7,903,500	lb	.88	\$6,955,000
	2014	5,600	1,510	8,456,000	lb	.82	\$6,934,000
MINT	2015	320	98	31,360	lb	23.00	721,000
	2014	260	85	22,100	lb	22.68	501,000
MISC CROPS*	2015						1,642,000
	2014						1,406,000
HAY							
Grass	2015	4,600	4.6	21,160	ton	215.00	4,549,000
	2014	4,400	4.9	21,560	ton	257.00	5,541,000
Alfalfa	2015	3,650	4.3	15,695	ton	154.00	2,417,000
	2014	3,300	5.2	17,160	ton	256.00	4,393,000
Other Hay	2015	13,000	2.4	31,200	ton	120.00	3,744,000
	2014	13,000	2.5	32,500	ton	230.00	7,475,000
Timothy Hay	2015	3,000	6.6	19,800	ton	255.00	5,049,000
	2014	2,600	5.4	14,040	ton	313.00	4,395,000
PASTURE							
Irrigated	2015	28,000			acre	140.00	3,920,000
	2014	28,000			acre	140.00	3,920,000
Improved	2015	100,000			acre	14.00	1,400,000
	2014	100,000			acre	14.00	1,400,000
Rangeland	2015	293,000			acre	9.00	2,637,000
	2014	325,000			acre	9.00	2,925,000
TOTAL FIELD CROPS	2015						\$33,034,000
	2014						\$38,890,000

* Grain, Seed, Vegetables, Garlic, etc.

Fruit and Nut Crops

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WALNUTS	2015	1,220	1.7	2,074	ton	2,343.00	\$4,859,000
	2014	1,130	1.9	2,147	ton	3,000.00	\$6,441,000
MISC CROPS*	2015						502,000
	2014						250,000
WINE GRAPES							
Black and White	2015	160	1.2	192	ton	820.00	157,000
	2014	160	2.9	464	ton	1133.00	526,000
TOTAL ORCHARD CROPS	2015						\$5,518,000
	2014						\$7,217,000

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

Apiary Products

ITEM	YEAR	PRODUCTION	UNIT	AVG/UNIT	TOTAL
HONEY	2015	45,650	lb	2.20	\$100,000
	2014	28,342	lb	2.50	\$71,000
QUEENS	2015	161,407	ea	20.78	3,354,000
	2014	149,472	ea	20.53	3,069,000
POLLINATION	2015	17,517	colonies	176.18	3,086,000
	2014	16,861	colonies	175.24	2,955,000
MISC APIARY PRODUCTS*	2015				1,360,000
	2014				1,288,000
TOTAL APIARY PRODUCTS	2015				\$7,900,000
	2014				\$7,383,000

* Includes Package Bees, Beeswax, Nuclei and Medicinal Bees



MERISTEM CUTTING OF NURSERY STOCK

Shasta County's 2015 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-four countries in 2016.

Albania	Haiti
Argentina	Jordan
Armenia	Korea
Canada	Kuwait
China	Mexico
Colombia	Morocco
Cyprus	Netherlands
Dominican Republic	Panama
Ecuador	Peru
Egypt	Spain
Ethiopia	Tunisia
Guatemala	Turkey

Nursery Stock

CROP	YEAR	TOTAL	AVG UNIT	UNIT	TOTAL
NURSERY STOCK*	2015				\$6,429,000
	2014				\$5,039,000
CHRISTMAS TREES	2015	13,051	each	11.51	150,000
	2014	12,351	each	11.54	143,000
TOTAL NURSERY STOCK	2015				\$6,579,000
	2014				\$5,182,000

* Strawberry Nursery Stock, Ornamentals

2015 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	125	324	4	0
Parcel Service	225	2011	15	15
Gypsy Moth	4	4	0	0
Truck	35	1191	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>	Generally distributed low elevation
St. Johnswort <i>Hypericum perforatum</i>	Stem Weevil - <i>Micolarinus lypriformis</i> Klamath Weed Beetle - <i>Chrysolina sp.</i>	Generally distributed low elevation 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 - 8

Certified Producers - 44

Registered Organic Program

Organic Products

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

Number of Farms

39

Estimated Acres

11,543



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Department of Agriculture Weights and Measures

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