

The background of the entire page is a photograph of a landscape. In the foreground, there is a calm body of water reflecting the sky and clouds. The middle ground shows a grassy field with scattered trees. In the background, there are mountains under a blue sky with white, fluffy clouds. A large, faint watermark of the University of Shasta logo is visible in the upper half of the image. The logo is circular and contains the text 'UNIVERSITY OF SHASTA' around the perimeter. Inside the circle, there is a central emblem featuring a book and a plow, with a sun rising over mountains.

Shasta County

2013

Crop & Livestock Report



Shasta Agriculture



SHASTA COUNTY

DEPARTMENT OF AGRICULTURE/WEIGHTS & MEASURES

MARY PFEIFFER
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, District 2
Pam Giacomini, District 3
Bill Schappell, District 4
Les Baugh, Chairman, 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 2013. This report summarizes the acreage, production, and gross value of agricultural commodities and livestock produced in Shasta County. It does not attempt to show county inventory, cost of production, or net farm income.

In 2013, the value of agricultural products produced in Shasta County rose to just over \$81,228,000, up 5% from the previous year. This value represents an all time high for agricultural products from Shasta County. The modest increase can primarily be attributed to higher prices for field crops and orchard products, along with an increase in the production of queen bees.

Field crop values were higher due largely to an increase in the prices paid for grass and other hay crops. Grass hay prices climbed to \$255.00 per ton, nearly an 11% increase over the price received in 2012. Walnut yields and prices increased dramatically in the 2013 growing season, with the price increasing 44% to \$2,992 per ton. The number of queen bees produced in the county increased 60% from the previous year to 158,456 queens. The demand for queens continues to rise and buyers nationwide turn to Shasta County's queen producers to fulfill their needs for premier quality queens.

This report also includes a summary of notable pest exclusion, detection, and eradication efforts which have been completed by the Department in 2013.

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 Agricultural Investigators John Ingram and Carl Yingst.

Sincerely,

MARY PFEIFFER
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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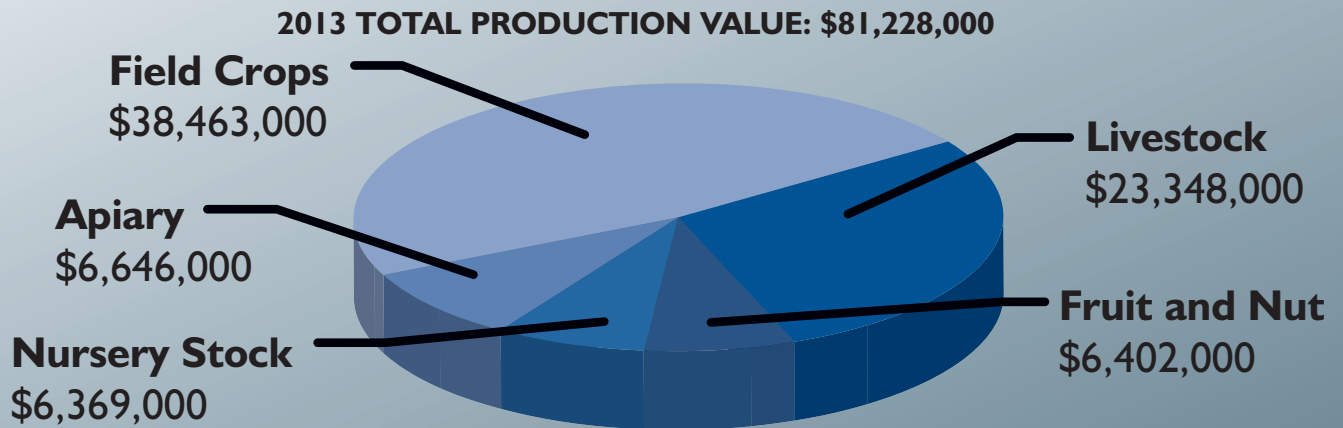
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Lori Peisker, Administrative Secretary II
Darlene Atkins, Typist Clerk II

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Cover Photo by JOHN INGRAM,
Located outside of McArthur California, Eastern Shasta County.

Shasta County Livestock & Crop Summary

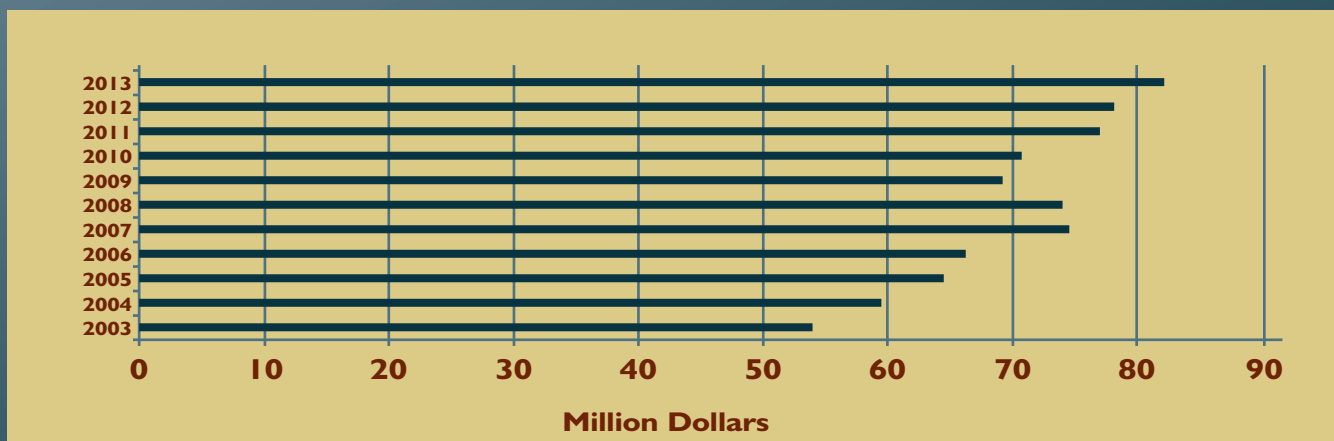


COMPARISON SUMMARY

	2013	2012	2011	2010
LIVESTOCK	\$23,348,000	\$24,320,000	\$24,571,000	\$22,754,000
APIARY PRODUCTS	6,646,000	5,353,000	5,795,000	5,430,000
FIELD CROPS	38,463,000	35,247,000	34,757,000	29,135,000
NURSERY STOCK	6,369,000	8,852,000	7,236,000	9,182,000
FRUIT & NUT CROPS	6,402,000	3,469,000	3,969,000	4,259,000
TOTALS	81,228,000	77,241,000	76,328,000	\$70,696,000
TIMBER	42,977,621	35,736,181	40,381,470	\$16,665,093
OTHER FOREST PRODUCTS	17,650,186	15,692,757	12,732,000	\$22,922,000

Totals may not add due to rounding.

TOTAL VALUE OF AGRICULTURAL PRODUCTS 2003-2013



Livestock Production

ITEM	YEAR	NO. HEAD	TOTAL LIVEWEIGHT	UNIT	AVG/UNIT	TOTAL
CATTLE & CALVES						
Feeders	2013	12,700	82,550	cwt	147.00	\$12,135,000
	2012	12,500	81,250	cwt	140.50	\$11,416,000
Slaughter Cows & Bulls	2013	2,250	27,000	cwt	73.74	1,991,000
	2012	2,750	33,000	cwt	72.70	2,399,000
Breeding Stock	2013	2,800		head	1,433.00	4,012,000
	2012	3,000		head	1,385.00	4,155,000
Pasture Cattle	2013	10,400	18,200	cwt	106.75	1,943,000
	2012	11,500	23,000	cwt	134.25	3,088,000
TOTAL CATTLE	2013					\$20,081,000
	2012					\$21,058,000
<hr/>						
SHEEP & LAMBS	2013	2,500	3,025	cwt	117.00	354,000
	2012	2,500	3,025	cwt	140.00	424,000
<hr/>						
SWINE All Classes	2013	1,000	2,250	cwt	77.50	174,000
	2012	1,000	2,250	cwt	64.00	144,000
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OTHER LIVESTOCK*	2013					2,739,000
	2012					2,694,000
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TOTAL LIVESTOCK	2013					\$23,348,000
	2012					\$24,320,000

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

Forest Products

ITEM	YEAR	PRODUCTION	UNIT	TOTAL
TIMBER	2013	271,291	million bd. ft.	\$42,977,621
	2012	170,263	million bd. ft.	\$35,736,181
<hr/>				
MISC. FOREST PRODUCTS	2013			\$17,650,186
	2012			\$15,692,757

Field Crops

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WILD RICE	2013	5,700	1,362	7,763,400	lb	.71	\$5,512,000
	2012	5,700	1,472	8,390,400	lb	.67	\$5,622,000
MINT	2013	260	85	22,100	lb	23.00	508,000
	2012	355	80	28,400	lb	23.00	653,000
MISC CROPS*	2013						825,000
	2012						888,000
HAY							
Grass	2013	4,200	3.9	16,380	ton	255.00	4,177,000
	2012	4,200	3.8	15,690	ton	230.00	3,671,000
Alfalfa	2013	3,400	4.9	16,660	ton	200.00	3,332,000
	2012	3,000	4.5	13,500	ton	235.00	3,173,000
Other Hay	2013	13,000	3.9	50,700	ton	227.00	11,509,000
	2012	13,000	3.8	49,400	ton	185.00	9,139,000
Timothy Hay	2013	2,700	5.3	14,310	ton	290.00	4,150,000
	2012	2,700	5.4	14,580	ton	295.00	4,301,000
PASTURE							
Irrigated	2013	33,000			acre	125.00	4,125,000
	2012	33,000			acre	125.00	4,125,000
Improved	2013	100,000			acre	14.00	1,400,000
	2012	100,000			acre	14.00	1,400,000
Rangeland	2013	325,000			acre	9.00	2,925,000
	2012	325,000			acre	7.00	2,275,000
TOTAL FIELD CROPS	2013						\$38,463,000
	2012						\$34,757,000

* Grain, Seed, Vegetables, Garlic etc.

Fruit & Nut Crops

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WALNUTS	2013	1,110	1.6	1,776	ton	2,992.00	\$5,314,000
	2012	945	1.3	1,228	ton	2,077.00	\$2,552,000
MISC CROPS*	2013						716,000
	2012						683,000
WINE GRAPES							
Black and White	2013	160	2.0	320	ton	1162.00	372,000
	2012	160	1.5	240	ton	977.00	234,000
TOTAL ORCHARD CROPS	2013						\$6,402,000
	2012						\$3,469,000

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

Apiary Products



ITEM	YEAR	PRODUCTION	UNIT	AVG/UNIT	TOTAL
HONEY	2013	58,237	lb	1.85	\$108,000
	2012	125,821	lb	2.07	\$260,000
QUEENS	2013	158,456	ea	19.12	3,029,000
	2012	99,000	ea	18.00	1,782,000
POLLINATION	2013	15,646	colonies	154.50	2,419,000
	2012	16,128	colonies	155.32	2,505,000
MISC APIARY PRODUCTS*	2013				1,090,000
	2012				806,000
TOTAL	2013				\$6,646,000
APIARY PRODUCTS	2012				\$5,353,000

* Includes Package Bees, Beeswax, Nuclei and Medicinal Bees



Shasta County's - 2013 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-five countries in 2013.

Argentina	Panama
Canada	Peru
China	Saudi Arabia
Colombia	South Africa
Cyprus	Spain
Dominican Republic	Tunisia
Ecuador	Turkey
Egypt	Ukraine
Ethiopia	United Arab Emirates
French Polynesia	Venezuela
Germany	
Haiti	
India	
Korea	
Mexico	



Nursery Stock

CROP	YEAR	TOTAL	AVG/ UNIT	UNIT	TOTAL
NURSERY STOCK*	2013				\$6,254,000
	2012				8,750,000
CHRISTMAS TREES	2013	10,092	ea	11.43	115,000
	2012	9,627	ea	10.64	102,000
TOTAL	2013				\$6,369,000
NURSERY STOCK	2012				\$8,852,000

* Strawberry Nursery Stock, Ornamentals

2013 Sustainable Agriculture Report

Significant pest interceptions included Scotch Thistle, Diffuse Knapweed, Skeleton Weed, Big Headed Ant, Australian Thrips, Bark Beetles, Sap Beetles, Pineapple Mealybug, Longtailed mealybug, and Hawaiian Thrips.

Pest Exclusion

Inspection Type	Premise Visited	Shipments Inspected	Rejections	Pest Interceptions
Post Office	181	641	8	1
Parcel Service	246	1790	19	45
Gypsy Moth	4	4	0	0
Truck	56	504	0	0

Pest Detection

Trap Type	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.

Agent/Mechanism

Integrated Vegetation Management

Scope of Program

422 sites spread over 40,934 acres throughout the County

Direct Marketing & Organic Farming



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 Established 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> - <i>Galerucella pusilla</i> Seed Weevil - <i>Nanophyes marmoratus</i> Root Weevil - <i>Hylobius 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 (Klamath Weed) <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 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 - 49

Registered Organic Program

Organic Products

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

Number of Farms

22

Estimated Acres

9,850



Shasta County

Department of Agriculture / Weights and Measures

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