

2020 Shasta County



CROP & LIVESTOCK REPORT

A BUDDING INDUSTRY

Rooted in the 19th century, grape and wine production has been a part of Shasta County's agricultural history since the days of the gold rush and pioneer homesteads. Shasta County's oldest bonded winery was established in 1984 by Oscar Matson (pictured), the patriarch of the county's wine industry. Like many of Shasta County's vintners, Oscar and his family originally planted grapes to produce wine for their friends and family. As the quality of Matson's wines continued to increase, they established their winery as a commercial venture to meet the expanding demand for their wines. The Matson's now have plantings in three areas of Shasta County.

Due to the county's varied topography, Shasta County growers are able to produce high quality wine grapes from many varieties, including pinot gris, viognier, syrah, cabernet, merlot, and chardonnay, which are now being turned into excellent wines.

Vines can be found growing on the valley floor, in the foothills to the east and west of the Sacramento River valley, and in and around the Shingletown area. However, the majority of the grape growing region straddles the southern edge of the county around Manton, an area rich in history. Manton has been home to logging booms, bountiful apple production, and now to prize winning wine production.

Shasta County vintners have won numerous awards, including several from one of the nation's most prestigious competitions, the San Francisco International Wine Competition. Syrahs and petite sirahs produced by Alger Vineyard and Winery have won awards four years in a row at this show. Shasta County wineries have also been recognized at other state competitions. Lassen View Winery's aged merlot has won medals in all eight major wine competitions it has entered, including "Best of Class" at the California State Fair.

Shasta County continues to grow into a small niche wine region of exceptional quality, producing hand-crafted vintages for the wine connoisseur.

TO: A. G. Kawamura, Secretary
California Department of Food and Agriculture

The Honorable Board of Supervisors, County of Shasta

David A. Kehoe, Chairman, District 1
Leonard Moty, District 2
Glenn Hawes, District 3
Linda Hartman, District 4
Les Baugh, District 5

Lawrence G. Lees, County Administrative 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 2009. 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.

The value of agricultural products produced in Shasta County, decreased to just over \$69,000,000, a 7% decline from the previous year. The decline can be attributed to lower prices received for various crops and nursery stock along with the overall downturn in the economy.

The value of strawberry nursery stock fell due to a reduction in planted acreage throughout the county. Field crops were down approximately 12% because of price decreases for many of the commodities. Orchard crops experienced nearly a 55% increase over last year's numbers, primarily due to increased yields and prices for walnuts.

Apiary products declined approximately 2.7% in value, in part, due to a reduction in the number of pollination contracts and the quantity of honey produced. However, the production of queen bees increased by nearly 24%, to just under 137,000 queens.

This report also includes a summary of notable pest exclusion, detection, and eradication efforts which have been completed by the Department in 2009.

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 Carl Yingst and John Ingram.

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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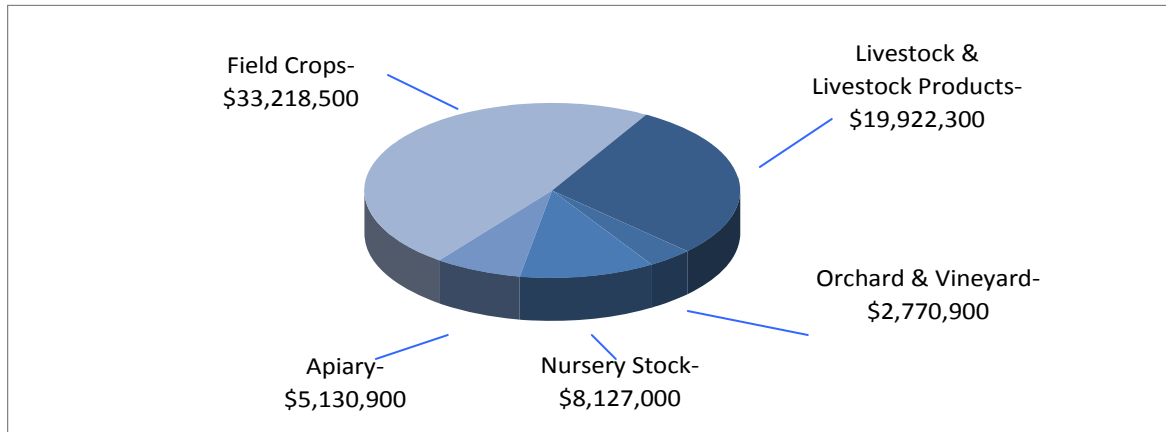
Administrative Staff

Mel Howard, Agency Staff Services Analyst II
Lori Peisker, Administrative Secretary II
Darlene Atkins, Typist Clerk II

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Shasta County Livestock & Crop Summary

2009 TOTAL PRODUCTION VALUE: \$69,169,600



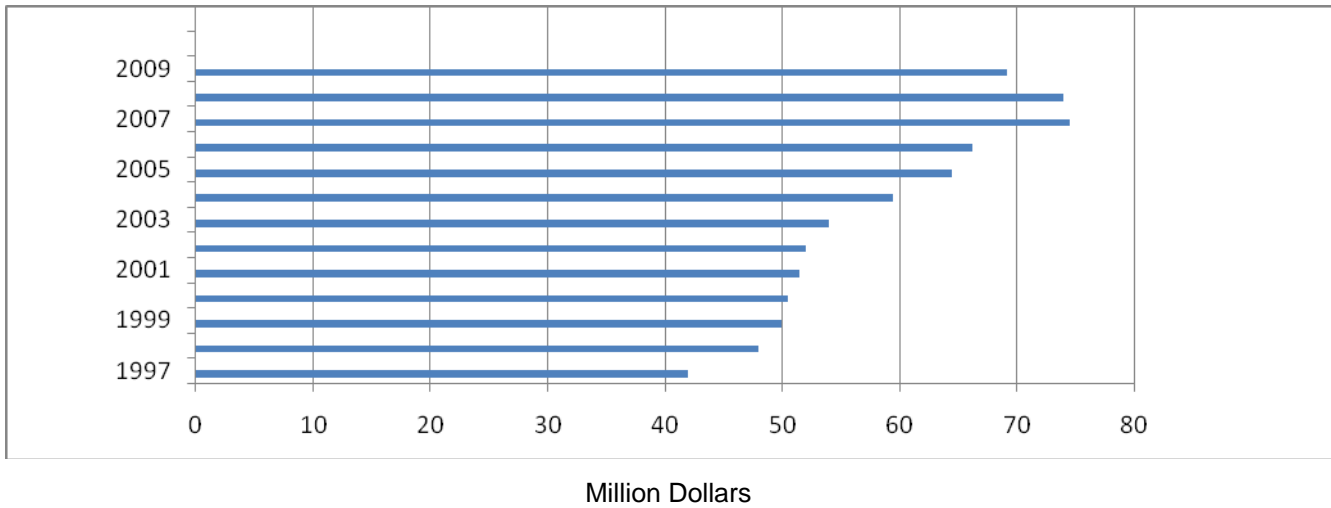
COMPARISON SUMMARY

	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>
LIVESTOCK	\$19,922,300	\$19,538,500	\$21,155,200	\$21,345,800
LIVESTOCK PRODUCTS	*	902,000	1,008,500	768,200
APIARY PRODUCTS	5,130,900	5,272,800	5,565,200	5,572,000
FIELD CROPS	33,218,500	37,322,000	33,509,100	26,855,900
NURSERY STOCK	8,127,000	9,189,300	10,817,200	9,288,900
ORCHARD & VINEYARD CROPS	<u>2,770,900</u>	<u>1,789,500</u>	<u>2,488,400</u>	<u>2,396,600</u>
TOTALS	69,169,600	\$74,014,100	\$74,543,600	\$66,227,400
TIMBER	\$7,031,927	\$33,600,995	\$43,948,866	\$50,460,525
OTHER FOREST PRODUCTS	\$24,343,600	\$23,246,000	\$23,456,000	\$23,006,700

Totals may not add due to rounding.

*Livestock Products are now included in Livestock

TOTAL VALUE OF AGRICULTURAL PRODUCTS 1997-2009



Livestock Production

<u>ITEM</u>	<u>YEAR</u>	<u>NO. HEAD</u>	<u>TOTAL LIVEWEIGHT</u>	<u>UNIT</u>	<u>AVG/UNIT</u>	<u>TOTAL</u>
CATTLE & CALVES						
Feeders	2009	16,500	122,100	cwt	87.62	\$10,698,400
	2008	16,500	116,655	cwt	91.54	\$10,678,600
Slaughter Cattle	2009	2,900	33,350	cwt	38.58	1,286,600
	2008	2,900	35,538	cwt	41.08	1,460,000
Breeding Stock	2009	3,100		head	935.00	2,898,500
	2008	3,100		head	844.00	2,616,000
Pasture Cattle	2009	8,000	18,800	cwt	93.00	1,748,400
	2008	8,370	17,610	cwt	93.60	1,648,300
TOTAL CATTLE	2009					\$16,631,900
	2008					\$16,402,900
SHEEP & LAMBS						
	2009	2,500	2,375	cwt	125.00	296,900
	2008	2,500	2,375	cwt	91.30	216,800
SWINE						
All Classes	2009	1,000	1,100	cwt	50.00	55,000
	2008	1,000	1,100	cwt	48.00	52,800
OTHER LIVESTOCK						
(Fish, Poultry, Goats, Livestock products)	2009					2,938,500
	2008					2,866,000
TOTAL LIVESTOCK						
	2009					\$19,922,300
	2008					\$19,538,500

Livestock Products

<u>ITEM</u>	<u>YEAR</u>	<u>TOTAL</u>
LIVESTOCK PRODUCTS	2009	*
	2008	\$902,000

Forest Products

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>TOTAL</u>
TIMBER	2009	100,061	million bd. ft.	\$7,031,927
	2008	216,661	million bd. ft.	\$33,600,995
MISC. FOREST PRODUCTS	2009			\$24,343,600
	2008			\$23,246,000

* Livestock products are now counted under Other Livestock

Field Crops

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>AVG/UNIT</u>	<u>TOTAL</u>
WILD RICE	2009	6,700	1,675	11,222,500	lb	.69	\$7,743,500
	2008	6,300	1,605	10,111,500	lb	.93	\$9,403,700
MINT	2009	1,100	90	99,000	lb	19.00	1,881,000
	2008	1,400	90	126,000	lb	15.00	1,890,000
MISC CROPS (Grain, Seed, Vegetables, Olive Oil, etc.)	2009						416,500
	2008						888,600
HAY							
Grass	2009	4,500	3.9	17,550	ton	150.00	2,632,500
	2008	3,100	3.8	11,780	ton	225.00	2,650,500
Alfalfa	2009	3,000	5.0	15,000	ton	111.00	1,665,000
	2008	3,000	5.2	15,600	ton	177.00	2,761,200
Other Hay	2009	13,000	3.5	45,500	ton	216.00	9,828,000
	2008	14,000	3.5	49,000	ton	185.00	9,065,000
Timothy Hay	2009	2,300	5.0	11,500	ton	198.00	2,277,000
	2008	2,400	6.0	14,400	ton	270.00	3,888,000
PASTURE							
Irrigated	2009	33,000			acre	100.00	3,300,000
	2008	33,000			acre	100.00	3,300,000
Improved	2009	100,000			acre	12.00	1,200,000
	2008	100,000			acre	12.00	1,200,000
Rangeland	2009	325,000			acre	7.00	2,275,000
	2008	325,000			acre	7.00	2,275,000
TOTAL FIELD CROPS	2009						\$33,218,500
	2008						\$37,322,000

Orchard & Vineyard Crops

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>AVG/ UNIT</u>	<u>TOTAL</u>
WALNUTS	2009	930	1.2	1,116	ton	1,337.00	\$1,492,100
	2008	940	.88	827	ton	1,097.00	\$907,200
FRUIT & NUT CROPS (Apples, Olives, Stone Fruit, Pistachios, Berries etc.)	2009						534,000
	2008						882,300
WINE GRAPES Black and White	2009	190	3.5	665	ton	1,120	744,800
	2008						*
TOTAL	2009						\$2,770,900
ORCHARD CROPS	2008						\$1,789,500

*Previously included in Fruit and Nut Crops

Apiary Products

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>AVG/UNIT</u>	<u>TOTAL</u>
HONEY	2009	118,716	lb	1.35	\$160,300
	2008	149,490	lb	1.59	237,700
QUEENS	2009	136,990	ea	15.80	2,164,400
	2008	111,000	ea	15.54	1,724,900
NUCLEI	2009	5,727	ea	58.49	335,000
	2008	5,482	ea	58.38	320,000
POLLINATION	2009	14,270	colonies	152.06	2,169,900
	2008	16,512	colonies	153.32	2,531,600
MISC APIARY PRODUCTS (Includes Package Bees, Beeswax, and Medicinal Bees)	2009				301,300
	2008				458,600
TOTAL	2009				\$5,130,900
APIARY PRODUCTS	2008				\$5,272,800

Shasta County's

2009 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 thirty-three countries in 2009.

Afghanistan	Dominican Republic	Jordan
Algeria	Ecuador	Korea
Argentina	Egypt	Lebanon
Australia	El Salvador	Malaysia
Bangladesh	France	Mexico
Belgium	Greece	Netherlands
Canada	Guatemala	Panama
China	India	Philippines
Colombia	Indonesia	Portugal
Costa Rica	Ireland	Spain
Cyprus	Italy	Turkey

Nursery Stock

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED ACRES</u>	<u>PLANTS /ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>AVG/ UNIT</u>	<u>TOTAL</u>
NURSERY PRODUCTION							
STRAWBERRY	2009						*
	2008	288	301	86,688	1,000s	77.13	\$6,686,200
CHRISTMAS TREES	2009			10,317		10.21	105,300
	2008			13,975		10.24	143,100
OTHER NURSERY STOCK (Strawberry Nursery Stock Turf, Ornamentals)	2009						8,021,700
	2008						2,360,000
TOTAL NURSERY STOCK	2009						\$8,127,000
	2008						\$9,189,300

2009 Sustainable Agriculture Report

Significant pest interceptions included Germander Mite, Plant Hoppers, Horned Powder Post Beetle, Rove Beetles, Auger Beetles, Leaf Hoppers, and Termites.

Pest Exclusion

<u>Inspection Type</u>	<u>Premises Visited</u>	<u>Shipments Inspected</u>	<u>Rejections</u>	<u>Pest Interceptions</u>
Post Office	249	3034	78	0
United Parcel Service	21	598	2	1
Federal Express	197	3289	9	7
Gypsy Moth	9	10	0	0
Truck	148	3060	2	0
Other	1	1	2	0

Pest Detection

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

Pest Eradication

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Scope of Program</u>
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.	Integrated Vegetation Management	372 sites spread over 36,200 acres throughout the County

2009 Sustainable Agriculture Report

Pest Management – Biological Control

<u>Pest</u>	<u>Agent/Mechanism</u>	<u>Scope of Program</u>
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 Experimental Sites
Bull Thistle <i>Cirsium vulgare</i>	Gall Fly - <i>Urophora stylata</i>	1 Experimental 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 Experimental Site 1 Experimental 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 Experimental Sites 5 Experimental 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 Experimental Sites

Direct Marketing and Organic Farming

Direct Marketing Program

Direct marketing is a system that allows Certified Producers to market their agricultural products directly to consumers via Certified Farmers Markets. The Agricultural Commissioner's Office regulates this program to insure that only certified agricultural products are sold at Certified Farmers Markets.

Certified Farmers Markets 9

Certified Producers 68

Registered Organic Program

Organic Product	Number of Farms	Estimated Acres
Fruits, Vegetables, Nuts, Grains, Forage, Cattle	30	3,322