

Shasta County



2010



Crop &
Livestock Report



Go
Local

ARUGULA TO ZUCCHINI

Interest in the reliable availability of high quality, locally produced fresh food is a growing trend throughout the nation. Celebrity chefs, writers, health advocates, social commentators and consumers are not only interested in delicious foods, but are becoming increasingly aware of the need for healthier and more nutritious diets. A proliferation of cookbooks, magazines, television shows, websites and other media outlets extol the virtues of just picked vegetables from the garden or freshly laid eggs from the backyard coop. Many farmers and ranchers, small and large, are just as interested in establishing stable, local markets for their products. They not only want to market their products but they want to get to know their customers and build long term relationships with them.

While backyard gardens appear to be popping up everywhere, you do not have to grow your own to have access to a wide variety of fresh foods. The number of certified farmers' markets has more than doubled in the last five years and can be found throughout the county. But these markets are not the only source for local foods; many conventional markets are offering locally grown produce, fruits, nuts, honey, wild rice, wines, meats, olive oils, eggs, and cheeses. Local farm trails provide an opportunity to visit farms and buy right from the source; and for the ultimate in real convenience food, cooperative subscription groups will pack a box or bag with the freshest fruits and vegetables for you on a regular basis – for pick up or delivery!

Local organizations such as our own Growing Local, a regional consortium of producers and consumers, are helping to increase the awareness, benefits, and availability of locally grown foods. Visit their blog at www.growinglocal.blogspot.com for a comprehensive list of local food resources and don't forget to check out our website at www.co.shasta.ca.us/index/ag_index.aspx for up to date information about Shasta County's certified farmers' markets.

So go ahead, jump on this bandwagon and follow the growing crowd to your local farmers' market, visit growers on the local farm trail, taste wine in our own wine country, pick a pumpkin with your little ones next fall, work in a community garden, or tend your own backyard farm and enjoy the fruits of your labor from our bountiful region. From A to Z, Arugula to Zucchini, it's all

GROWN LOCAL.

ENJOY!





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, 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 2010. 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 2010 the value of agricultural products produced in Shasta County increased to just over \$70,696,000, a 2.2% increase from the previous year. The modest increase can primarily be attributed to price increases for cattle, Timothy grass hay, and walnuts.

Field crop values declined in large part to a substantial decrease in yield and price for wild rice. With an abundance of rice remaining from 2009, fewer contracts were available to growers and prices were down, leading to a 36% reduction in harvested acres. This decline was somewhat offset by an increase in the amount and value of Timothy hay and an increase in the overall value of miscellaneous field crops. The increase in yield and price for walnuts helped boost the value of orchard crops in 2010. The total value of apiary products was also up by nearly 6% by the end of the year.

This report also includes a summary of notable pest exclusion, detection, and eradication efforts which have been completed by the Department in 2010.

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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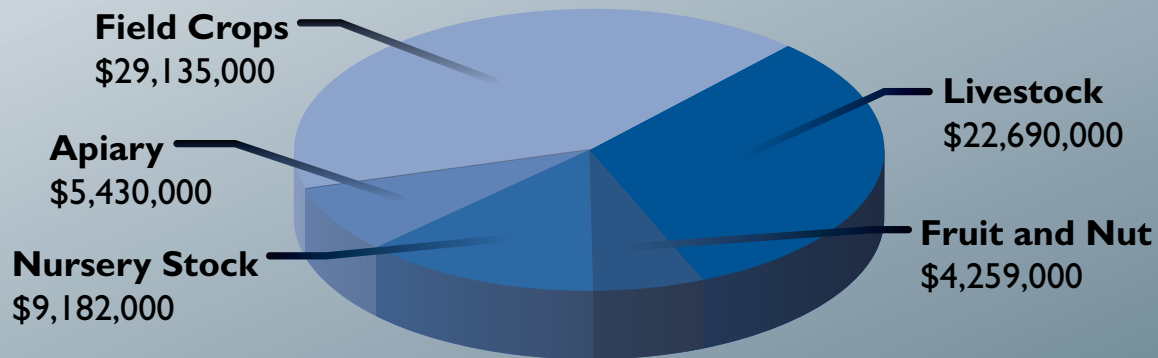
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Shasta County Livestock & Crop Summary

2010 TOTAL PRODUCTION VALUE: \$70,696,000



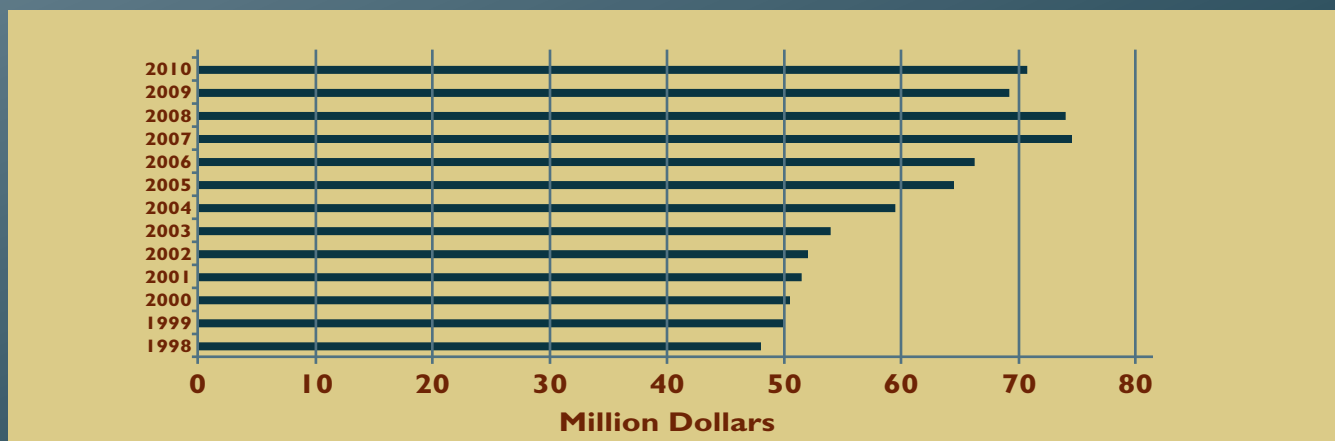
COMPARISON SUMMARY

	2010	2009	2008	2007
LIVESTOCK	\$22,690,000	\$19,921,900	\$19,538,500	\$21,155,200
LIVESTOCK PRODUCTS	*	*	902,000	1,008,500
APIARY PRODUCTS	5,430,000	5,130,400	5,272,800	5,565,200
FIELD CROPS	29,135,000	33,218,500	37,322,000	33,509,100
NURSERY STOCK	9,182,000	8,127,000	9,189,300	10,817,200
FRUIT & NUT CROPS	4,259,000	2,770,900	1,789,500	2,488,400
TOTALS	\$70,696,000	\$69,168,600	\$74,014,100	\$74,543,600
TIMBER	\$16,665,093	\$7,031,927	\$33,600,995	\$43,948,866
OTHER FOREST PRODUCTS	\$22,922,000	\$24,343,600	\$23,246,000	\$23,456,000

*Livestock Products are now included in Livestock

Totals may not add due to rounding.

TOTAL VALUE OF AGRICULTURAL PRODUCTS 1998-2010



Livestock Production

ITEM	YEAR	NO. HEAD	TOTAL LIVEWEIGHT	UNIT	AVG/UNIT	TOTAL
CATTLE & CALVES						
Feeders	2010	15,800	118,500	cwt	105.97	\$12,557,000
	2009	16,500	122,100	cwt	87.62	\$10,698,000
Slaughter Cattle	2010	3,000	34,500	cwt	56.70	1,956,000
	2009	2,900	33,350	cwt	38.55	1,287,000
Breeding Stock	2010	3,000		head	1,061.00	3,183,000
	2009	3,100		head	935.00	2,898,000
Pasture Cattle	2010	8,800	20,680	cwt	111.00	2,295,000
	2009	8,000	18,800	cwt	93.00	1,748,000
TOTAL CATTLE	2010					\$19,991,000
	2009					\$16,631,000
SHEEP & LAMBS						
	2010	2,500	2,375	cwt	106.00	252,000
	2009	2,500	2,375	cwt	125.00	297,000
SWINE						
All Classes	2010	1,000	1,100	cwt	54.90	60,000
	2009	1,000	1,100	cwt	50.00	55,000
OTHER LIVESTOCK*						
	2010					2,387,000
	2009					2,939,000
TOTAL LIVESTOCK						
	2010					\$22,690,000
	2009					\$19,921,000

*Fish, Poultry, Goats, Livestock Products etc.

Forest Products

ITEM	YEAR	PRODUCTION	UNIT	TOTAL
TIMBER	2010	151,116	million bd. ft.	\$16,665,000
	2009	100,061	million bd. ft.	\$7,031,927
MISC. FOREST PRODUCTS				
	2010			\$22,922,000
	2009			\$24,344,000

Field Crops

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WILD RICE	2010	4,300	1,440	6,192,000	lb	.45	\$2,786,000
	2009	6,700	1,675	11,222,500	lb	.69	\$7,744,000
MINT	2010	800	78	62,400	lb	19.00	1,186,000
	2009	1,100	90	99,000	lb	19.00	1,881,000
MISC CROPS*	2010						2,013,000
	2009						417,000
HAY							
Grass	2010	3,800	3.8	14,440	ton	144.00	2,080,000
	2009	4,500	3.9	17,550	ton	150.00	2,633,000
Alfalfa	2010	3,000	5.3	15,900	ton	118.00	1,876,000
	2009	3,000	5.0	15,000	ton	111.00	1,665,000
Other Hay	2010	13,000	4.0	52,000	ton	150.00	7,800,000
	2009	13,000	3.5	45,500	ton	216.00	9,828,000
Timothy Hay	2010	3,400	5.5	18,700	ton	247.00	4,619,000
	2009	2,300	5.0	11,500	ton	198.00	2,277,000
PASTURE							
Irrigated	2010	33,000			acre	100.00	3,300,000
	2009	33,000			acre	100.00	3,300,000
Improved	2010	100,000			acre	12.00	1,200,000
	2009	100,000			acre	12.00	1,200,000
Rangeland	2010	325,000			acre	7.00	2,275,000
	2009	325,000			acre	7.00	2,275,000
TOTAL FIELD CROPS	2010						\$29,135,000
	2009						\$33,219,000

* Grain, Seed, Vegetables, Potatoes, Garlic etc.

Fruit & Nut Crops

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WALNUTS	2010	950	1.9	1,805	ton	1,504.00	\$2,715,000
	2009	930	1.2	1,116	ton	1,337.00	\$1,492,000
MISC CROPS*	2010						906,000
	2009						534,000
WINE GRAPES							
Black and White	2010	160	3.8	608	ton	1,050	638,000
	2009	190	3.5	665	ton	1,120	744,800
TOTAL ORCHARD CROPS	2010						\$4,259,000
	2009						\$2,771,000

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



Apiary Products

ITEM	YEAR	PRODUCTION	UNIT	AVG/UNIT	TOTAL
HONEY	2010	113,655	lb	1.57	\$178,000
	2009	118,716	lb	1.35	\$160,000
QUEENS	2010	106,955	ea	14.50	1,551,000
	2009	136,960	ea	15.80	2,164,000
NUCLEI	2010	6,697	ea	62.50	419,000
	2009	5,727	ea	58.49	335,000
POLLINATION	2010	15,210	colonies	151.00	2,297,000
	2009	14,270	colonies	152.06	2,170,000
MISC APIARY PRODUCTS*	2010				985,000
	2009				301,000
TOTAL APIARY PRODUCTS	2010				\$5,430,000
	2009				\$5,131,000



* Includes Package Bees, Beeswax, and Medicinal Bees

Shasta County's - 2010 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-four countries in 2010.

Argentina	Indonesia
Australia	Italy
Bangladesh	Jordan
Belgium	Korea
Bermuda	Malaysia
Cambodia	Mexico
Canada	Panama
China	Philippines
Colombia	Portugal
Costa Rica	Sri Lanka
Cyprus	Spain
Dominican Republic	Tunisia
Egypt	Turkey
France	Ukraine
Germany	United Kingdom
Guatemala	Uruguay
India	Venezuela



Nursery Stock

CROP	YEAR	TOTAL	AVG/ UNIT	UNIT	TOTAL
NURSERY STOCK*	2010				\$9,081,000
	2009				\$8,022,000
CHRISTMAS TREES	2010	9,839	ea	10.30	101,000
	2009	10,317	ea	10.21	105,000
TOTAL NURSERY STOCK	2010				\$9,182,000
	2009				\$8,127,000

* Strawberry Nursery Stock, Turf, Ornamentals

2010 Sustainable Agriculture Report

Significant pest interceptions included Diffuse Knapweed, Sponge Plant, Skeleton Weed, Raspberry Root Gall Wasp, Big Headed Ant, Aphid Dyers woad, Lens-podded hoarycress, Citrus Mealybug, Greenhouse Whitefly, Southern Fire Ant, Tetranychid Mite, Western Tussock Moth, Grape Mealybug, Cottony Cushion Scale, Hawaiian Thrips

Pest Exclusion

Inspection Type	Premise Visits	Shipments Inspected	Rejections	Pest Interceptions
Post Office	243	2384	62	5
United Parcel Service	14	706	0	0
Federal Express	181	2875	8	16
Gypsy Moth	4	4	0	2
Truck	195	1539	0	0
Other	1	1	0	0

Pest Detection

Trap Type	Number of Traps Deployed
Jackson Trap	
Mediterranean Fruit Fly	190
Melon Fruit Fly	80
Oriental Fruit Fly	80
Delta Trap	
Gypsy Moth	350
European Grapevine Moth	30
Japanese Beetle	80
Glassy-winged Sharpshooter	300
Light Brown Apple Moth	190
Asian Citrus Psyllid	40

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

372 sites spread over 36,200 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
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 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 - 11

Certified Producers - 66

Registered Organic Program

Organic Products	Number of Farms	Estimated Acres
Fruits, Vegetables, Nuts, Grains, Forage, Hay, Cattle, Eggs	25	2061



Shasta County

Department of Agriculture / Weights and Measures

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