

Shasta County

Shasta County
Department of Agriculture
Weights and Measures

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2007
Crop & Livestock Report



Department Of Agriculture/Weights & Measures

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

The Honorable Board of Supervisors, County of Shasta

Linda Hartman, Chairman, District 4

David Kehoe, District 1

Mark Cibula, District 2

Glenn Hawes, District 3

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 2007. 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 returns to the grower.

The value of agricultural products produced in the County was up 11% from the previous year to a record high of \$74,543,600, due largely to an increase in the price and yield for field crops, especially hay. Shasta County producers experienced significant increases in the yields and value of alfalfa, timothy, and other types of hay resulting in an increase in total value of 64% for all hay crops.

Shasta County beekeepers fared better than beekeepers in many other parts of the country in 2007. Their healthy colonies were productive, which resulted in increased honey production and strong hives for pollination. The higher honey production and prices coupled with price increases for pollination fees were offset by reductions in the number and value of queen bees. Strawberry nursery stock producers also had a strong year with increases in the total number of plants harvested and price.

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

Sincerely,

A handwritten signature in dark ink, appearing to read "Mary Pfeiffer", written in a cursive style.

MARY PFEIFFER
Agricultural Commissioner

Mission Statement

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.

Special Acknowledgement

The Department would like to acknowledge and thank Bonnie Sanderson, retired Agency Staff Services Analyst, for her 22 years of dedicated service to the citizens of Shasta County and the Shasta County Department of Agriculture/Weights and Measures. Her breadth of knowledge, organizational skills, sense of humor and dedication were invaluable assets and will be missed. We wish her the best always!

Staff

Agricultural Commissioner/Sealer of Weights and Measures

Mary Pfeiffer

Deputy Agricultural Commissioner/Deputy Sealer

Paul Kjos

Agricultural and Standards Investigators

Kevin Martyn James Staggs
Caryn Moen Carl Yingst
Lilia Zaharris

Agricultural and Standards Program Associate

Ray Abernathy

Agricultural and Standards Program Assistants

Danial Dupont Marci Fernandes

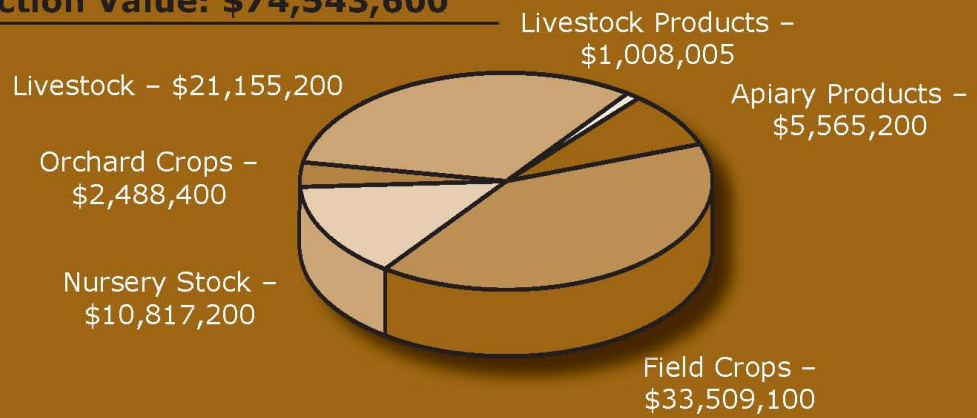
Administrative Staff

Bonnie Sanderson, Agency Staff Services Analyst II
Mel Howard, Agency Staff Services Analyst II
Sherry Quaife, Administrative Secretary II
Lori Peisker, Typist Clerk III

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Shasta County Livestock & Crop Summary

2007 Total Production Value: \$74,543,600

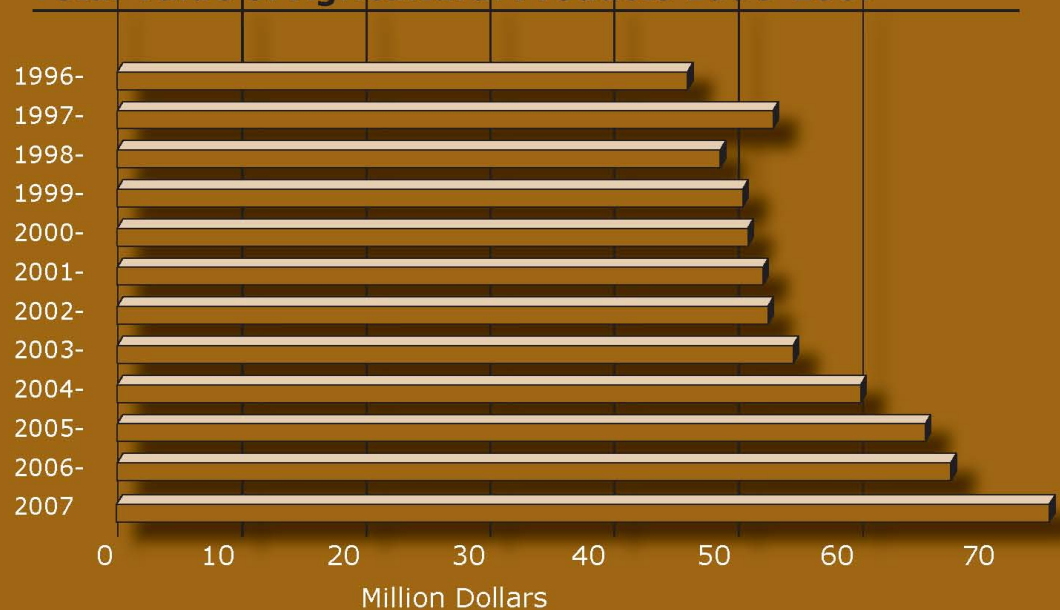


Comparison Summary

	2007	2006	2005	2004
Livestock	\$21,155,200	\$21,345,800	\$22,894,300	\$21,096,700
Livestock Products	1,008,500	768,200	885,000	873,000
Apiary Products	5,565,200	5,572,000	3,568,300	3,329,000
Field Crops	33,509,100	26,855,900	22,826,600	22,253,100
Nursery Stock	10,817,200	9,288,900	11,774,200	9,994,800
Orchard Crops	2,488,400	2,396,600	2,255,600	2,076,100
TOTALS	\$74,543,600	\$66,227,400	\$64,204,000	\$59,622,700
Timber	\$43,948,866	\$50,460,525	\$43,469,158	\$29,827,785
Other Forest Prods.	\$23,456,000	\$23,006,700	\$20,889,700	\$14,453,100

Totals may not add due to rounding

Total Value of Agricultural Products 1996-2007



Livestock Production

Item	Year	No.Head	Total Liveweight	Unit	Avg/Unit	TOTAL
<i>Cattle & Calves</i>						
Feeders	2007	16,500	116,325	cwt	97.03	\$11,287,000
	2006	16,650	114,885	cwt	93.98	10,796,900
Slaughter Cattle	2007	2,800	38,640	cwt	44.65	1,725,300
	2006	2,700	37,719	cwt	39.35	1,484,200
Breeding Stock	2007	3,200		head	1,069.00	3,420,800
	2006	3,100		head	1,170.00	3,627,000
Pasture Cattle	2007	9,300	19,530	cwt	92.50	1,806,500
	2006	9,300	20,460	cwt	93.50	1,913,000
TOTAL CATTLE	2007					\$18,239,600
	2006					\$17,821,100
SHEEP & LAMBS	2007	2,500	2,375	cwt	90.50	214,900
	2006	2,500	2,375	cwt	84.00	199,500
SWINE All Classes	2007	1,000	1,100	cwt	48.80	53,700
	2006	1,000	1,100	cwt	47.90	52,700
OTHER LIVESTOCK (Fish, Poultry, Goats, etc.)	2007					2,647,000
	2006					3,272,500
TOTAL LIVESTOCK	2007					\$21,155,200
	2006					\$21,345,800

Livestock Products

Item	Year	TOTAL
Livestock Prods.	2007	\$1,008,500
	2006	\$768,200

Forest Products

Item	Year	Production	Unit	TOTAL
TIMBER	2007	191,618	million bd. ft.	\$43,948,866
	2006	189,501	million bd. ft.	\$50,460,525
MISC. FOREST PRODUCTS	2007			\$23,456,000
	2006			\$23,006,700

Field Crops

Crop	Year	Harvested Acres	Per Acre	Total	Unit	Avg/Unit	TOTAL
WILD RICE	2007	5,500	1,352	7,436,000	lb	.83	\$6,171,900
	2006	5,200	1,560	8,112,000	lb	.64	5,191,700
MINT	2007	1,700	63	107,100	lb	13.45	1,440,500
	2006	2,000	85	170,000	lb	14.00	2,380,000
MISC CROPS*							505,300
							542,300
HAY							
Alfalfa	2007	5,500	6.7	36,850	ton	146.00	5,380,100
	2006	5,600	5.1	28,560	ton	138.00	3,941,300
Other Hay	2007	15,000	3.6	54,000	ton	170.00	9,180,000
	2006	14,800	3.0	44,400	ton	114.00	5,061,600
Timothy Hay	2007	2,500	5.9	14,750	ton	275.00	4,056,300
	2006	2,600	5.7	14,820	ton	200.00	2,964,000
PASTURE							
Irrigated	2007	33,000			acre	100.00	3,300,000
	2006	33,000			acre	100.00	3,300,000
Improved	2007	100,000				12.00	1,200,000
	2006	100,000			acre	12.00	1,200,000
Rangeland	2007	325,000			acre	7.00	2,275,000
	2006	325,000			acre	7.00	2,275,000
TOTAL FIELD CROPS							\$33,509,100
							\$26,855,900

* Includes: Grain, Seed, Truck Crops, etc.

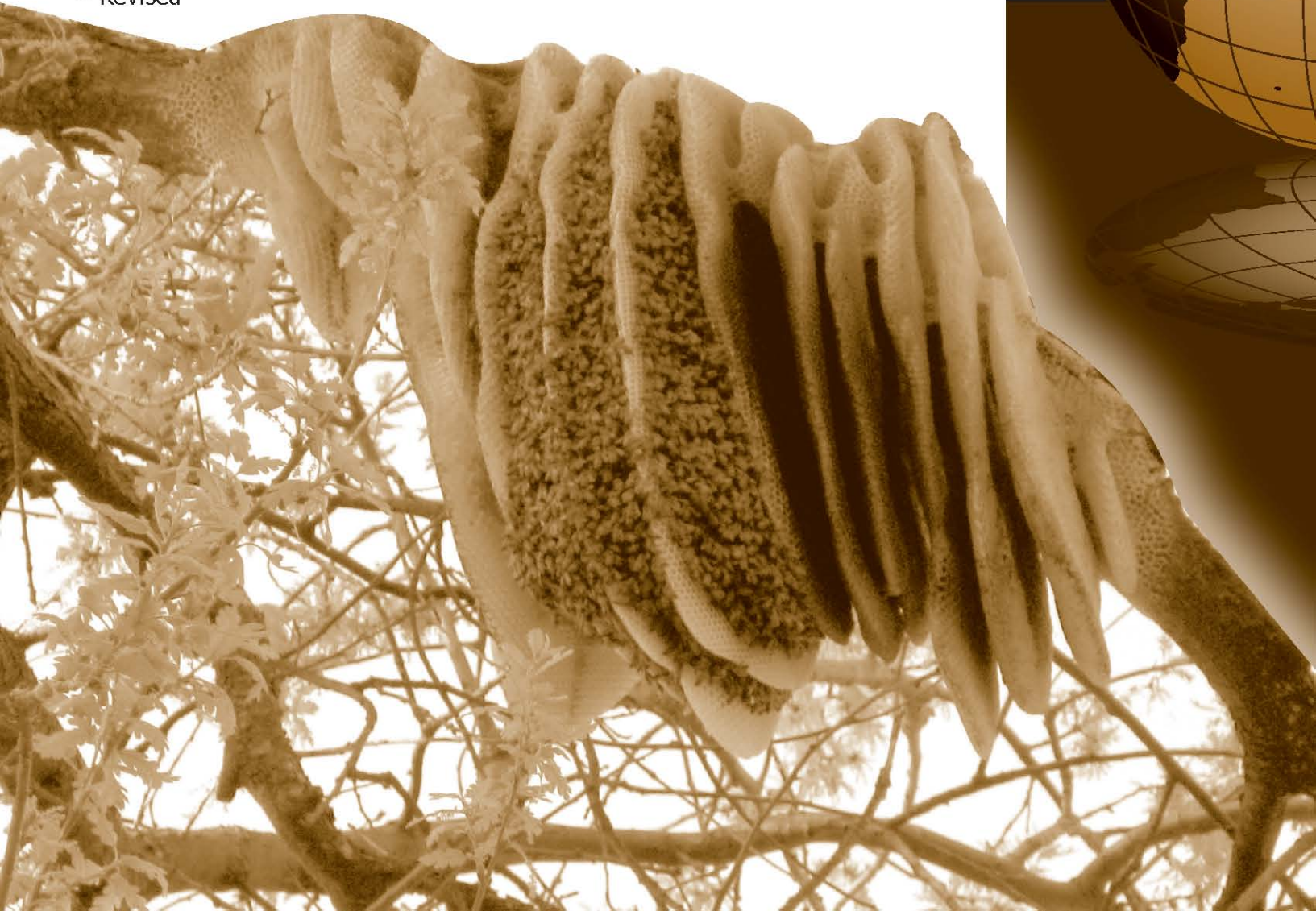
Orchard Crops

Crop	Year	Harvested Acres	Per Acre	Total	Unit	Avg/Unit	TOTAL
WALNUTS	2007	913	0.76	694	ton	2,000.00	\$1,388,000
	2006	917	1.03	945	ton	1,520.00	1,436,400
FRUIT & NUT CROPS (Apples, Olives, Stone Fruit, Grapes, Kiwis, Pistachios, etc.)							1,100,400
							960,200
TOTAL ORCHARD CROPS							\$2,488,400
							\$2,396,600

Apiary Products

Item	Year	Production	Unit	Avg/Unit	TOTAL
HONEY	2007	133,400	lb	1.03	\$137,400
	2006	110,000	lb	0.84	92,400
QUEENS	2007	78,400	ea	13.75	1,078,000
	2006	95,000	ea	14.50	1,377,500
NUCLEI	2007	6,450	ea	58.80	379,300
	2006	4,950	ea	58.40	289,100
POLLINATION	2007	24,600	col	147.00	3,616,200
	2006	24,800	col	143.75	3,565,000
MISC APIARY PRODUCTS (Includes Package Bees, Beeswax, and Medicinal Bees)	2007*				354,300
	2006*				264,600
TOTAL APIARY PRODUCTS	2007				\$5,565,200
	2006				\$5,588,600

* Revised



2007 Agricultural Export Trade Partners

2007 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 2007.



- | | |
|--------------------|-------------|
| Argentina | Jordan |
| Bermuda | Kuwait |
| Canada | Lebanon |
| China | Malaysia |
| Colombia | Mexico |
| Costa Rica | Netherlands |
| Cyprus | Portugal |
| Dominican Republic | Spain |
| Egypt | Sri Lanka |
| Guatemala | Tunisia |
| Honduras | Turkey |
| India | Venezuela |
| Indonesia | |

Nursery Stock

Nursery Stock

Crop	Year	Harvested Acres	Plants / Acre	Total	Unit	Avg/ Unit	TOTAL
STRAWBERRY							
Low Elevation	2007	26	285	7,410	1,000s	67.75	\$502,000
	2006	31	340	10,540	1,000s	73.53	775,000
High Elevation	2007	331	312	103,270	1,000s	72.54	7,491,200
	2006	247	341	84,230	1,000s	67.09	5,651,000
CHRISTMAS TREES							
	2007			5,612	ea	13.12	73,700
	2006			7,766	ea	10.17	79,000
OTHER NURSERY STOCK							
(Turf, Ornamentals, etc.)	2007						2,750,300
	2006						2,783,900
TOTAL NURSERY STOCK							
	2007						\$10,817,200
	2006						\$ 9,288,900

2007 Sustainable Agriculture Report

Significant pest interceptions included Red Imported Fire Ant, Gyponana Leafhopper, Green Garden Looper, Cycad Lufacaspis scale, Nipaecoccus Mealybug, Spiraling Whitefly, Watermilfoil, Kariba (weed).

Pest Exclusion

Inspection Type	Premises Visited	Shipments Inspected	Rejections	Pest Interceptions
Post Office	252	7,529	38	0
United Parcel Service	25	711	0	0
Federal Express	149	3,935	11	16
Air Freight	2	2	0	0
Gypsy Moth	2	2	0	0
Truck	139	144	0	1
Other	10	23	2	9

Pest Detection

Trap Name	Number of Traps Deployed
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
Olive Fruit Fly and Temperature Data Station	2
Glassy-winged Sharpshooter	290
Light Brown Apple Moth	190

Pest Eradication

Pest	Agent/Mechanism	Scope of Program
Ailanthus, Canada Thistle, Chinese Wisteria, Dalmatian 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

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>Banga sternus orientalis</i> Hairy Weevil - <i>Eustenopus villosus</i> Gall Fly - <i>Urophora siruna se va</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 zoezana</i> Root Boring Weevil - <i>Cyphocleonus achates</i> Seedhead Weevil - <i>Banga sternus 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 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 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 typhiformis</i>	Generally dist. low elevation Generally dist. low elevation
St. Johnswort (Klamath Weed) <i>Hypericum perforatum</i>	Klamath Weed Beetle - <i>Chrysolina sp.</i>	Generally distributed
Red Gum Lerp Psyllid <i>Glyca sp. brimblecombei</i>	Psyllid Parasitoid Wasp - <i>Psyllaephagus bliteous</i>	2 Experimental Sites

Direct Marketing and Organic Farming

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 8
Certified Producers 51

Registered Organic Grower Program

Organic Product	Number of Farms	Estimated Acres
Fruits, Vegetables, Nuts, Grains, Forage, Cattle, Dairy	25	713