

# County of Shasta

**SHASTA MOUNTAIN APPLES  
MT. LASSEN  
BRAND**



NET WEIGHT \_\_\_\_\_

\_\_\_\_\_ TIER

PACKED BY \_\_\_\_\_

FOR **MOUNT LASSEN APPLE ASSOCIATION**  
**INWOOD, CALIFORNIA**

235

SCHMIDT LITHO CO.

## **2001 Crop and Livestock Report**



# SHASTA COUNTY

## DEPARTMENT OF AGRICULTURE/WEIGHTS & MEASURES

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**MARY PFEIFFER**  
Agricultural Commissioner  
Sealer of Weights & Measures

TO: William J. Lyons, Jr., Secretary  
California Department of Food and Agriculture

The Honorable Board of Supervisors, County of Shasta

David Kehoe, Chairman, District 1  
Irwin Fust, District 2  
Glenn Hawes, District 3  
Molly Wilson, District 4  
Patricia "Trish" Clarke, District 5

H. Douglas Latimer, 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 2001. This report summarizes the acreage, production, and gross values of agricultural commodities 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 increased by over 2% in 2001. Much of this improvement can be attributed to an increase in mint production and higher prices received for alfalfa and other hay. Slight increases were also seen in prices for cattle and for products and services rendered by beekeepers. In offset, there was a spring freeze that resulted in a decrease in the yield of fruit and walnut crops.

This report includes a summary of sustainable agriculture activities which have been completed by the department for the year 2001. The purpose of these activities is to prevent and control the spread of exotic plant and insect pests throughout the county using integrated pest management techniques.

I wish to express my sincere appreciation to 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 Investigator 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.

## STAFF

### *Agricultural Commissioner/ Sealer of Weights and Measures*

Mary Pfeiffer

### *Deputy Agricultural Commissioner/Deputy Sealer*

Paul Kjos

### *Agricultural and Standards Investigators*

Paulette Cobb  
Mark Conover  
Kevin Martyn  
Don McBroome  
Caryn Moen  
Carl Yingst

### *Agricultural and Standards Program Assistant*

Ray Abernathy

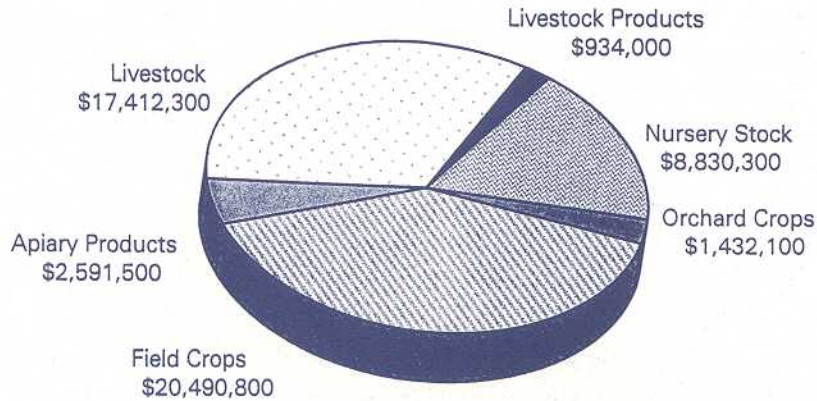
### *Administrative Staff*

Bonnie Sanderson, Agency Staff Services Analyst  
Barbara Miceli, Typist Clerk III  
Sherry Quaife, Typist Clerk II

The cover features a Shasta County apple label dating from the early part of the 20<sup>th</sup> Century when apples were grown in the County's eastern foothills. At an elevation of 2,000 feet, the warm days and cool nights provided an ideal environment for this crop. We would like to thank Glenn Aldridge for allowing us to use the label from his family's ranch.

# SHASTA COUNTY LIVESTOCK & CROP SUMMARY

2001 TOTAL PRODUCTION VALUE: \$51,691,000



## COMPARISON SUMMARY

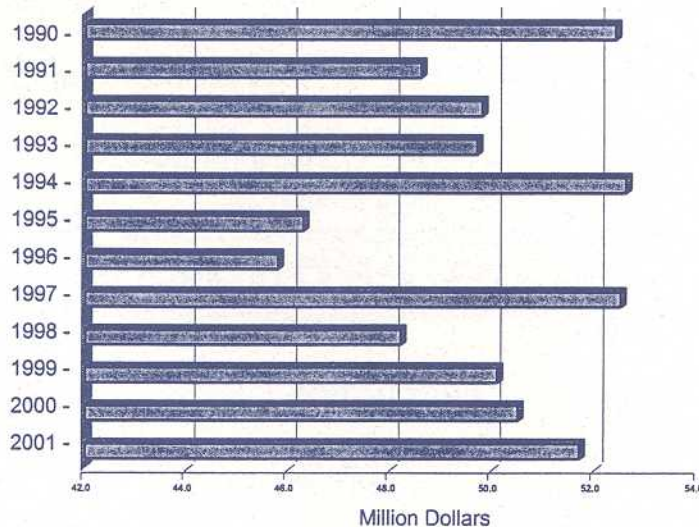
	<u>2001</u>	<u>2000</u>	<u>1999</u>	<u>1998</u>
LIVESTOCK	\$17,412,300	\$18,438,300	\$16,831,200	\$16,001,500
LIVESTOCK PRODUCTS	934,000	862,500	832,000	533,000
APIARY PRODUCTS	2,591,500	2,377,900	2,318,500	2,023,500
FIELD CROPS	20,490,800	18,762,200*	18,726,400	19,565,000
NURSERY STOCK	8,830,300	8,212,400	9,534,000	8,462,400
ORCHARD CROPS	<u>1,432,100</u>	<u>1,883,600</u>	<u>1,812,000</u>	<u>1,673,400</u>
<b>TOTALS</b>	<b>\$51,691,000</b>	<b>\$50,536,900*</b>	<b>\$50,054,100</b>	<b>\$48,258,800</b>
TIMBER	0**	\$40,399,186	\$49,412,637	\$47,668,627
OTHER FOREST PRODUCTS	\$14,638,200	\$13,265,000	\$ 8,261,900	\$ 8,215,600

\*Revised

\*\*Not Available

Totals may not add due to rounding.

## TOTAL VALUE OF AGRICULTURAL PRODUCTS 1990-2001



# 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>
<b>CATTLE &amp; CALVES</b>						
Feeders	2001	17,000	111,180	cwt	\$84.00	\$9,339,200
	2000	17,500	131,215	cwt	82.25	10,792,400
Slaughter Cattle	2001	2,500	33,925	cwt	37.00	1,255,300
	2000	2,300	26,933	cwt	35.75	962,900
Breeding Stock	2001	2,950		head	853.25	2,517,100
	2000	3,100		head	817.50	2,534,300
Pasture Cattle	2001	8,750	19,125	cwt	84.00	1,606,500
	2000	9,000	20,100	cwt	77.00	1,547,700
TOTAL CATTLE	2001					\$14,718,100
	2000					\$15,837,300
SHEEP & LAMBS	2001	2,500	2,375	cwt	67.30	159,900
	2000	2,500	2,375	cwt	78.20	185,700
SWINE All Classes	2001	1,000	1,100	cwt	44.90	49,400
	2000	1,000	1,100	cwt	44.10	48,500
OTHER LIVESTOCK (Fish, Poultry, Goats, etc.)	2001					2,484,900
	2000					2,366,800
TOTAL LIVESTOCK	2001					\$17,412,300
	2000					\$18,438,300

# LIVESTOCK PRODUCTS

<u>ITEM</u>	<u>YEAR</u>	<u>TOTAL</u>
LIVESTOCK PRODUCTS	2001	\$934,000
	2000	\$862,500

# FOREST PRODUCTS

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>TOTAL</u>
TIMBER	2000	144,513,000	bd. ft.	\$40,399,186
	1999	155,660,000	bd. ft.	\$49,412,637
MISC. FOREST PRODUCTS	2001			\$14,638,200
	2000			\$13,265,000

# 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>
WHEAT	2001	650	1.0	650	ton	\$100.00	\$65,000
	2000	500	1.5	750	ton	85.00	63,800
WILD RICE	2001	4,000	1,367	5,468,000	lb	.38	2,077,900
	2000	3,500	1,388	4,858,000	lb	.45	2,186,100*
MINT	2001	1,575	83	130,725	lb	14.00	1,830,200
	2000	1,024	82	83,968	lb	15.00	1,259,500
MISC CROPS (Oats, Barley, Seed & Truck Crops, etc.)	2001						609,400
	2000						767,900
HAY							
Alfalfa	2001	6,300	5.1	32,130	ton	125.00	4,016,300
	2000	6,500	5.1	33,150	ton	92.22	3,057,100
Other Hay	2001	15,100	3.0	45,300	ton	120.00	5,436,000
	2000	15,000	3.0	46,500	ton	106.92	4,971,800
PASTURE							
Irrigated	2001	33,000			acre	100.00	3,300,000
	2000	33,000			acre	100.00	3,300,000
Improved	2001	100,000			acre	12.00	1,200,000
	2000	100,000			acre	12.00	1,200,000
Rangeland	2001	326,000			acre	6.00	1,956,000
	2000	326,000			acre	6.00	1,956,000
TOTAL FIELD CROPS	2001						\$20,490,800
	2000						\$18,762,200

\*Revised

# ORCHARD 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	2001	600	.92	552	ton	\$1,040.00	\$574,100
	2000	700	1.03	721	ton	1,160.00	836,400
FRUIT & NUT CROPS (Apples, Olives, Stone Fruit, Grapes, Kiwis, Pistachios, etc.)	2001						858,000
	2000						1,047,200
TOTAL ORCHARD CROPS	2001						\$1,432,100
	2000						\$1,883,600

# NURSERY STOCK

<u>CROP</u>	<u>YEAR</u>	<u>HARVESTED PLANTS</u>		<u>TOTAL</u>	<u>UNIT</u>	<u>AVG/</u> <u>UNIT</u>	<u>TOTAL</u>
		<u>ACRES</u>	<u>/ACRE</u>				
STRAWBERRY							
Low Elevation	2001	38	377	14,330	1,000s	\$53.92	\$772,700
	2000	47	433	20,350	1,000s	47.16	959,700
High Elevation	2001	312	358	111,700	1000s	53.10	5,931,300
	2000	273	384	104,800	1,000s	49.98	5,237,900
CHRISTMAS TREES							
	2001			14,400	ea	14.10	203,000
	2000			17,000	ea	11.50	195,500
OTHER NURSERY STOCK (Turf, Ornamentals, etc.)							
	2001						1,923,300
	2000						1,819,300
TOTAL NURSERY STOCK							
	2001						\$8,830,300
	2000						\$8,212,400

# APIARY PRODUCTS

<u>ITEM</u>	<u>YEAR</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>AVG/UNIT</u>	<u>TOTAL</u>
HONEY					
	2001	343,400	lb	\$.58	\$199,200
	2000	302,000	lb	.54	163,100
BEESWAX					
	2001	9,500	lb	1.51	14,400
	2000	4,071	lb	1.35	5,500
PACKAGE BEES					
	2001	23,825	lb	6.69	159,400
	2000	19,868	lb	5.47	108,700
QUEENS					
	2001	119,250	ea	8.09	964,800
	2000	135,473	ea	7.53	1,020,100
NUCLEI					
	2001	5,950	ea	33.43	198,900
	2000	7,222	ea	32.77	236,700
POLLINATION					
	2001	23,000	col	45.86	1,054,800
	2000	20,555	col	41.05	843,800
TOTAL APIARY PRODUCTS					
	2001				\$2,591,500
	2000				\$2,377,900

# 2001 SUSTAINABLE AGRICULTURE REPORT

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
<b><u>PEST EXCLUSION</u></b>		
Exotic Pests	26,756 shipments inspected (Common Carriers))	275 rejections 132 pest interceptions
<b><u>PEST DETECTION</u></b>		
Gypsy Moth, Medfly, Oriental Fruit Fly, Melon Fruit Fly, Japanese Beetle, Olive Fruit Fly, Glassy-Winged Sharpshooter, Asian Longhorned Beetle	1,238 traps placed throughout Shasta County to detect the presence of these pests.	None Found
<b><u>PEST ERADICATION</u></b>		
Dalmatian Toadflax Spotted, Diffuse & Squarrose Knapweeds Scotch & Musk Thistles	Integrated Pest Management	60 sites spread over 4,350 acres throughout the county
<b><u>PEST MANAGEMENT - BIOLOGICAL CONTROL</u></b>		
Yellow Starthistle <i>Centaurea solstitialis</i>	Flower Weevil - <i>Larinus curtus</i> Seed Weevil - <i>Bangasternus orientalis</i> Hairy Weevil - <i>Eustenopus villosus</i>	4 Experimental Sites Generally distributed 24 New Release Sites/ Generally distributed
	Gall Fly - <i>Urophora sirunaseva</i> Peacock Fly - <i>Chaetorellia australis</i>	Generally distributed Generally distributed
Bull Thistle <i>Cirsium vulgare</i>	Gall Fly - <i>Urophora stylata</i>	1 New Release Sites
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
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 Experimental Sites 3 Experimental Sites 1 Experimental Site 2 Experimental Sites
Puncture Vine <i>Tribulus terrestris</i>	Seed Weevil - <i>Micolarinus lareynii</i> Stem Weevil - <i>Micolarinus lypriformis</i>	Generally distributed at low elevation Generally distributed at low elevation
St. Johnswort (Klamath Weed) <i>Hypericum perforatum</i>	Klamath Weed Beetle - <i>Chrysolina sp.</i>	Generally distributed

## ORGANIC FARMING STATISTICS

<u>CROPS</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>
Fruits, Vegetables, Grains, Forage	22	5,017



# SHASTA COUNTY'S 2001 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 forty-two countries in 2001.

