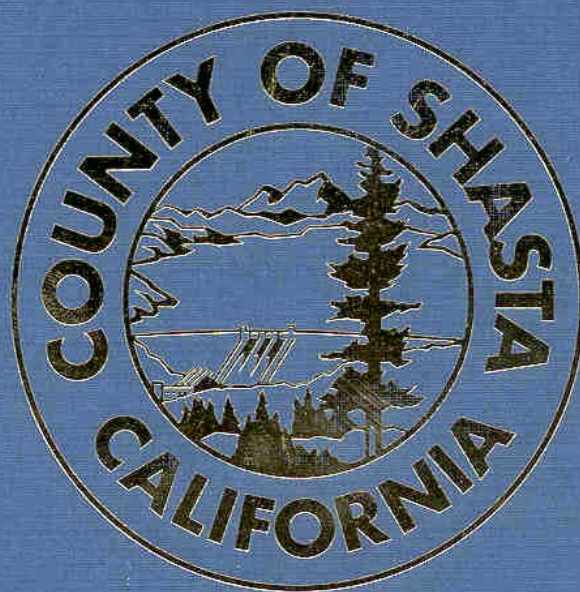


# COUNTY OF SHASTA



1999  
CROP AND LIVESTOCK  
REPORT



## DEPARTMENT OF AGRICULTURE/WEIGHTS & MEASURES

3179 Bechelli Lane, Suite 210  
Redding, CA 96002  
Phone: (530) 224-4949  
Fax: (530) 224-4951

**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

Irwin Fust, Chairman, District 2  
David Kehoe, District 1  
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 1999. 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 3.5%. Much of this increase can be attributed to Shasta County's expanding peppermint oil industry. Harvested acres of mint more than doubled during the 1999 growing season. Strawberry nursery stock growers saw an increase in yields attributable to favorable spring weather that allowed for early planting. The good spring weather also led to a rebound in orchard crop yields. Cattle figures were up slightly with more feeders sold at a higher price than in 1998.

This report includes a summary of sustainable agriculture activities which have been completed by the department in 1999. 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 Tony Linegar.

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***

Mark Conover  
Tony Linegar  
Don McBroome  
Caryn Moen  
Carl Yingst

### ***Agricultural and Standards Program Assistant***

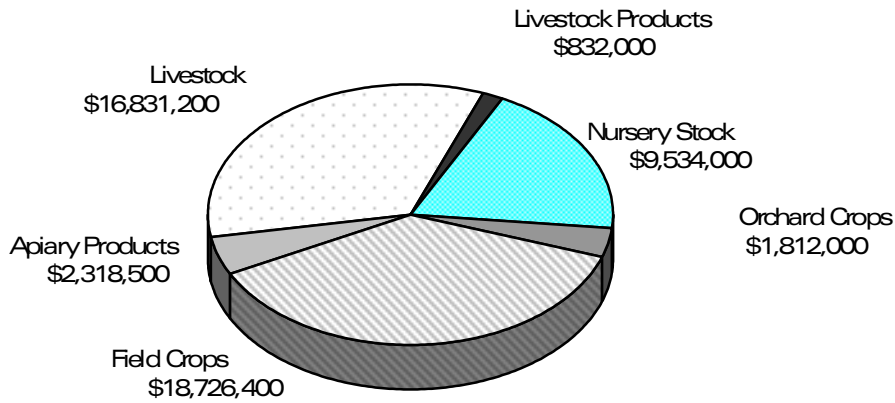
Ray Abernathy

### ***Clerical Staff***

Bonnie Sanderson, Executive Assistant  
Barbara Miceli, Typist Clerk III  
Sherry Quaife, Typist Clerk II

# SHASTA COUNTY LIVESTOCK & CROP SUMMARY

1999 TOTAL PRODUCTION VALUE: \$50,054,100



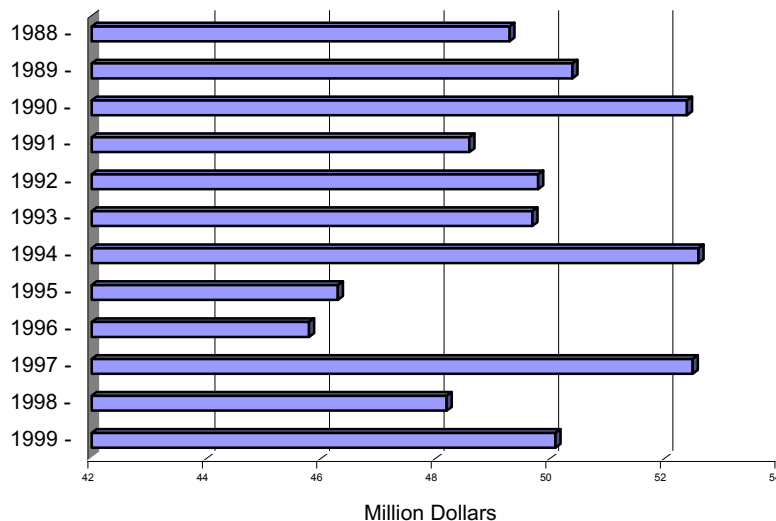
## COMPARISON SUMMARY

	1999	1998	1997	1996
LIVESTOCK	\$16,831,200	\$16,001,500	\$17,502,500	\$12,235,800
LIVESTOCK PRODUCTS	832,000	533,000	500,000	350,000
APIARY PRODUCTS	2,318,500	2,023,500	2,321,200	2,341,900
FIELD CROPS	18,726,400	19,565,000	19,681,900	19,077,100
NURSERY STOCK	9,534,000	8,462,400	8,674,000	8,865,800
ORCHARD CROPS	1,812,000	1,673,400	4,172,800	3,000,000
<b>TOTALS</b>	<b>\$50,054,100</b>	<b>\$48,258,800</b>	<b>\$52,852,400</b>	<b>\$45,869,600</b>
TIMBER	0*	\$47,668,627	\$47,344,800	\$57,279,000
OTHER FOREST PRODUCTS	\$ 8,262,000	\$ 8,215,600	\$ 9,651,600	\$12,000,000

\*Not Available

Totals may not add due to rounding.

## TOTAL VALUE OF AGRICULTURAL PRODUCTS 1988-99



# LIVESTOCK PRODUCTION

ITEM	YEAR	NO. HEAD	TOTAL LIVEWEIGHT	UNIT	AVG/UNIT	TOTAL
CATTLE & CALVES						
Feeders	1999	18,500	127,966	cwt	\$ 73.26	\$9,374,800
	1998	17,500	118,475	cwt	70.59	8,363,200
Slaughter Cattle	1999	2,200	25,134	cwt	33.82	850,000
	1998	2,300	27,526	cwt	31.00	853,300
Breeding Stock	1999	3,300		head	818.00	2,699,400
	1998	3,400		head	758.00	2,577,200
Pasture Cattle	1999	10,000	21,000	cwt	64.00	1,344,000
	1998	10,000	23,500	cwt	66.25	1,556,900
TOTAL CATTLE	1999					\$14,268,200
	1998					\$13,350,600
SHEEP & LAMBS						
	1999	2,500	2,375	cwt	74.80	177,700
	1998	2,500	2,375	cwt	74.80	177,700
SWINE						
All Classes	1999	1,000	1,100	cwt	35.10	38,600
	1998	1,000	1,100	cwt	34.00	37,400
OTHER LIVESTOCK						
(Fish, Poultry, Goats, etc.)	1999					2,346,700
	1998					2,435,800
TOTAL LIVESTOCK	1999					\$16,831,200
	1998					\$16,001,500

# LIVESTOCK PRODUCTS

ITEM	YEAR	TOTAL
LIVESTOCK PRODUCTS	1999	\$832,000
	1998	\$533,000

# FOREST PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	TOTAL
TIMBER	1998	148,935,000	bd. ft.	\$47,668,627
	1997	151,040,000	bd. ft.	\$47,344,800
MISC. FOREST PRODUCTS	1999			\$8,261,870
	1998			\$8,215,600

# FIELD CROPS

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WHEAT	1999	1,200	1.1	1,200	ton	\$78.10	\$93,700
	1998	600	1.7	1,020	ton	70.00	71,400
WILD RICE	1999	2,833	1,390	3,937,870	lb	.46	1,811,400
	1998	2,300	1,550	3,565,000	lb	.49	1,746,900
MINT	1999	1,322	63	83,286	lb.	15.00	1,249,300
	1998	618	74	45,732	lb.	15.00	686,000
MISC CROPS (Oats, Barley, Seed & Truck Crops, etc.)	1999						1,134,500
	1998						1,009,000
HAY							
Alfalfa	1999	6,800	4.9	33,320	ton	87.64	2,920,200
	1998	7,000	5.4	37,800	ton	95.00	3,591,000
Other Hay	1999	15,500	3.3	51,150	ton	98.95	5,061,300
	1998	15,500	4.0	62,000	ton	96.85	6,004,700
PASTURE							
Irrigated	1999	33,000			acre	100.00	3,300,000
	1998	33,000			acre	100.00	3,300,000
Improved	1999	100,000			acre	12.00	1,200,000
	1998	100,000			acre	12.00	1,200,000
Rangeland	1999	326,000			acre	6.00	1,956,000
	1998	326,000			acre	6.00	1,956,000
<hr/>							
TOTAL FIELD CROPS	1999						\$18,726,400
	1998						\$19,565,000

# ORCHARD CROPS

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WALNUTS	1999	875	1.10	962	ton	\$1,000.00	\$962,000
	1998	1,000	1.00	1,000	ton	900.00	900,000
FRUIT & NUT CROPS (Apples, Olives, Stone Fruit, Grapes, Kiwis, Pistachios, etc.)	1999						850,000
	1998						773,400
<hr/>							
TOTAL ORCHARD CROPS	1999						\$1,812,000
	1998						\$1,673,400

# NURSERY STOCK

CROP	YEAR	HARVESTED PLANTS		TOTAL	UNIT	AVG/ UNIT	TOTAL
		ACRES	/ACRE				
STRAWBERRY							
Low Elevation	1999	41	490	20,090	1,000s	\$43.00	\$863,900
	1998	52	430	22,360	1,000s	39.56	884,600
High Elevation	1999	350	408	142,800	1,000s	49.33	7,044,300
	1998	358	361	129,238	1,000s	48.78	6,304,200
CHRISTMAS TREES	1999			18,000	ea	10.70	192,600
	1998			20,000	ea	8.68	173,600
OTHER NURSERY STOCK (Turf, Ornamentals, etc.)	1999						1,433,600
	1998						1,100,000
TOTAL NURSERY STOCK	1999						\$9,534,400
	1998						\$8,462,400

# APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	AVG/UNIT	TOTAL
HONEY	1999	227,000	lb	\$ .59	\$133,900
	1998	464,900	lb	.65	302,200
BEESWAX	1999	19,800	lb	1.80	35,600
	1998	27,000	lb	1.57	42,400
PACKAGE BEES	1999	8,600	lb	6.28	54,000
	1998	17,800	lb	6.04	107,500
QUEENS	1999	117,600	ea	7.47	878,500
	1998	88,300	ea	7.59	670,200
NUCLEI	1999	9,300	ea	33.10	307,800
	1998	4,400	ea	31.45	138,400
POLLINATION	1999	21,600	col	42.07	908,700
	1998	18,900	col	40.36	762,800
TOTAL APIARY PRODUCTS	1999				\$2,318,500
	1998				\$2,023,500

# 1999 SUSTAINABLE AGRICULTURE REPORT

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
<b><u>PEST EXCLUSION</u></b>		
Exotic Pests	38,199 shipments inspected (Common Carriers))	314 rejections 236 pest interceptions
<b><u>PEST DETECTION</u></b>		
Gypsy Moth, Medfly, Oriental Fruit Fly, Melon Fruit Fly, Japanese Beetle, Olive Fruit Fly	720 traps placed throughout Shasta County to detect the presence of these pests.	None Detected
<b><u>PEST ERADICATION</u></b>		
Dalmatian Toadflax Spotted, Diffuse & Squarrose Knapweeds Scotch & Musk Thistles	Integrated Pest Management	45 sites spread over 3,248 acres throughout the county
<b><u>PEST MANAGEMENT - BIOLOGICAL CONTROL</u></b>		
Yellow Starthistle <i>Centaurea solstitialis</i>	Seed Weevil - <i>Bangasternus orientalis</i>	Generally distributed
	Hairy Weevil - <i>Eustenopus villosus</i>	57 New Release Sites
	Gall Fly - <i>Urophora sirunaseva</i>	Generally distributed
	Peacock Fly - <i>Chaetorellia australis</i>	Generally distributed
Bull Thistle <i>Cirsium vulgare</i>	Gall Fly - <i>Urophora stylata</i>	1 Nursery Site
Spotted Knapweed <i>Centaurea maculosa</i>	Gall Fly - <i>Urophora affinis</i>	1 Experimental Site
	Root Moth - <i>Agapeta zoegana</i>	1 Experimental Site
	Root Boring Weevil - <i>Cyphocleonus achates</i>	1 Experimental Site (additional release in 1997)
	Seedhead Weevil - <i>Bangasternus fausti</i>	1 Experimental Site
Purple Loosestrife <i>Lythrum salicaria</i>	Seedhead Fly - <i>Terellia virens</i>	1 Experimental Site
	Golden Loosestrife Beetle - <i>Galerucella pusilla</i>	3 New Release Sites
	Seed Weevil - <i>Nanophyes marmoratus</i> Root Weevil - <i>Hylobius transversovittatus</i>	1 New Release Site 1 Experimental Site
Puncture Vine <i>Tribulus terrestris</i>	Seed Weevil - <i>Micolarinus lareynii</i>	Generally distributed at low elevation
	Stem Weevil - <i>Micolarinus lypriformis</i>	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	15	166



# **SHASTA COUNTY'S 1999 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-four countries in 1999.

Argentina	Lebanon
Bolivia	Malta
Canada	Martinique
Canary Island	Mexico
China	Morocco
Colombia	Netherlands
Costa Rica	Nicaragua
Cyprus	Panama
Dominican Republic	Peru
Ecuador	Phillippines
Egypt	Poland
El Salvador	Portugal
France	Senegal
Great Britain	South Africa
Guatemala	Spain
Honduras	Sri Lanka
India	Taiwan
Indonesia	Tunisia
Italy	Turkey
Japan	Uruguay
Jordan	Venezuela
Korea	Zimbabwe