

COUNTY OF SHASTA



2000 CROP AND LIVESTOCK REPORT



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

Molly Wilson, Chairman, District 4
David Kehoe, District 1
Irwin Fust, District 2
Glenn Hawes, District 3
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 2000. 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 last year in Shasta County decreased by less than 1%. This decrease can be attributed to a reduction in the amount of strawberry nursery stock produced at higher elevations. The reduction, however, was offset by an increase in cattle prices while the value of most other commodities remained stable.

This report includes a summary of sustainable agriculture activities which have been completed by the department for the year 2000. 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

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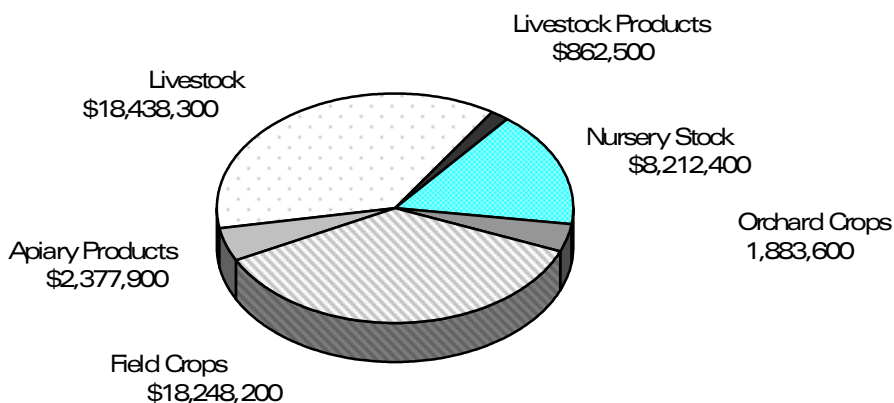
Ray Abernathy

Administrative Staff

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

SHASTA COUNTY LIVESTOCK & CROP SUMMARY

2000 TOTAL PRODUCTION VALUE: \$50,022,900



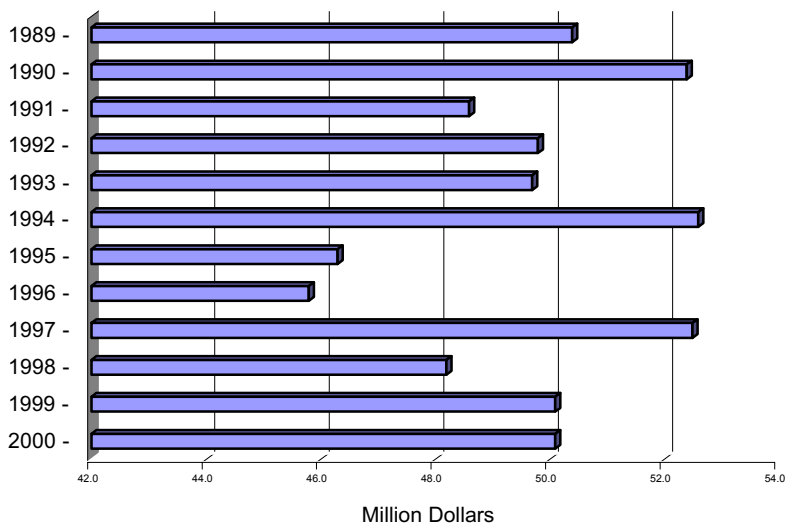
COMPARISON SUMMARY

	2000	1999	1998	1997
LIVESTOCK	\$18,438,300	\$16,831,200	\$16,001,500	\$17,502,500
LIVESTOCK PRODUCTS	862,500	832,000	533,000	500,000
APIARY PRODUCTS	2,377,900	2,318,500	2,023,500	2,321,200
FIELD CROPS	18,248,200	18,726,400	19,565,000	19,681,900
NURSERY STOCK	8,212,400	9,534,000	8,462,400	8,674,000
ORCHARD CROPS	1,883,600	1,812,000	1,673,400	4,172,800
TOTALS	\$50,022,900	\$50,054,100	\$48,258,800	\$52,852,400
TIMBER	0*	\$49,412,637	\$47,668,627	\$47,344,800
OTHER FOREST PRODUCTS	\$13,265,000	\$ 8,261,900	\$ 8,215,600	\$ 9,651,600

*Not Available

Totals may not add due to rounding.

TOTAL VALUE OF AGRICULTURAL PRODUCTS 1989-2000



LIVESTOCK PRODUCTION

ITEM	YEAR	NO. HEAD	TOTAL LIVEWEIGHT	UNIT	AVG/UNIT	TOTAL
CATTLE & CALVES						
Feeders	2000	17,500	131,215	cwt	\$82.25	\$10,792,400
	1999	18,500	127,966	cwt	73.26	9,374,800
Slaughter Cattle	2000	2,300	26,933	cwt	35.75	962,900
	1999	2,200	25,134	cwt	33.82	850,000
Breeding Stock	2000	3,100		head	817.50	2,534,300
	1999	3,300		head	818.00	2,699,400
Pasture Cattle	2000	9,000	20,100	cwt	77.00	1,547,700
	1999	10,000	21,000	cwt	64.00	1,344,000
TOTAL CATTLE	2000					\$15,837,300
	1999					\$14,268,200
SHEEP & LAMBS						
	2000	2,500	2,375	cwt	78.20	185,700
	1999	2,500	2,375	cwt	74.80	177,700
SWINE						
All Classes	2000	1,000	1,100	cwt	44.10	48,500
	1999	1,000	1,100	cwt	35.10	38,600
OTHER LIVESTOCK						
(Fish, Poultry, Goats, etc.)	2000					2,366,800
	1999					2,346,700
TOTAL LIVESTOCK	2000					\$18,438,300
	1999					\$16,831,200

LIVESTOCK PRODUCTS

ITEM	YEAR	TOTAL
LIVESTOCK PRODUCTS	2000	\$862,500
	1999	\$832,000

FOREST PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	TOTAL
TIMBER	1999	155,660,000	bd. ft.	\$49,412,637
	1998	148,935,000	bd. ft.	\$47,668,627
MISC. FOREST PRODUCTS	2000			\$13,265,000
	1999			\$8,261,900

FIELD CROPS

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WHEAT	2000	500	1.5	750	ton	\$85.00	\$63,800
	1999	1,200	1.1	1,200	ton	78.10	93,700
WILD RICE	2000	2,677	1,388	3,715,676	lb	.45	1,672,100
	1999	2,833	1,390	3,937,870	lb	.46	1,811,400
MINT	2000	1,024	82	83,968	lb.	15.00	1,259,500
	1999	1,322	63	83,286	lb.	15.00	1,249,300
MISC CROPS (Oats, Barley, Seed & Truck Crops, etc.)	2000						767,900
	1999						1,134,500
HAY							
Alfalfa	2000	6,500	5.1	33,150	ton	92.22	3,057,100
	1999	6,800	4.9	33,320	ton	87.64	2,920,200
Other Hay	2000	15,000	3.0	46,500	ton	106.92	4,971,800
	1999	15,500	3.3	51,150	ton	98.95	5,061,300
PASTURE							
Irrigated	2000	33,000			acre	100.00	3,300,000
	1999	33,000			acre	100.00	3,300,000
Improved	2000	100,000			acre	12.00	1,200,000
	1999	100,000			acre	12.00	1,200,000
Rangeland	2000	326,000			acre	6.00	1,956,000
	1999	326,000			acre	6.00	1,956,000
TOTAL FIELD CROPS	2000						\$18,248,200
	1999						\$18,726,400

ORCHARD CROPS

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WALNUTS	2000	700	1.03	721	ton	\$1,160.00	\$836,400
	1999	875	1.10	962	ton	1,000.00	962,000
FRUIT & NUT CROPS (Apples, Olives, Stone Fruit, Grapes, Kiwis, Pistachios, etc.)	2000						1,047,200
	1999						850,000
TOTAL ORCHARD CROPS	2000						\$1,883,600
	1999						\$1,812,000

NURSERY STOCK

CROP	YEAR	HARVESTED PLANTS		TOTAL	UNIT	AVG/ UNIT	TOTAL
		ACRES	/ACRE				
STRAWBERRY							
Low Elevation	2000	47	433	20,350	1,000s	\$47.16	\$959,700
	1999	41	490	20,090	1,000s	43.00	863,900
High Elevation	2000	273	384	104,800	1,000s	49.98	5,237,900
	1999	350	408	142,800	1,000s	49.33	7,044,300
CHRISTMAS TREES	2000			17,000	ea	11.50	195,500
	1999			18,000	ea	10.70	192,600
OTHER NURSERY STOCK (Turf, Ornamentals, etc.)	2000						1,819,300
	1999						1,433,600
TOTAL NURSERY STOCK	2000						\$8,212,400
	1999						\$9,534,400

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	AVG/UNIT	TOTAL
HONEY	2000	302,000	lb	\$.54	\$163,100
	1999	227,000	lb	.59	133,900
BEESWAX	2000	4,071	lb	1.35	5,500
	1999	19,800	lb	1.80	35,600
PACKAGE BEES	2000	19,868	lb	5.47	108,700
	1999	8,600	lb	6.28	54,000
QUEENS	2000	135,473	ea	7.53	1,020,100
	1999	117,600	ea	7.47	878,500
NUCLEI	2000	7,222	ea	32.77	236,700
	1999	9,300	ea	33.10	307,800
POLLINATION	2000	20,555	col	41.05	843,800
	1999	21,600	col	42.07	908,700
TOTAL APIARY PRODUCTS	2000				\$2,377,900
	1999				\$2,318,500

2000 SUSTAINABLE AGRICULTURE REPORT

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
<u>PEST EXCLUSION</u>		
Exotic Pests	34,075 shipments inspected (Common Carriers))	161 rejections 202 pest interceptions
<u>PEST DETECTION</u>		
Gypsy Moth, Medfly, Oriental Fruit Fly, Melon Fruit Fly, Japanese Beetle, Olive Fruit Fly, Glassy-Winged Sharpshooter	1,137 traps placed throughout Shasta County to detect the presence of these pests.	1 Gypsy Moth Found
<u>PEST ERADICATION</u>		
Dalmatian Toadflax Spotted, Diffuse & Squarrose Knapweeds Scotch & Musk Thistles	Integrated Pest Management	45 sites spread over 3,248 acres throughout the county
<u>PEST MANAGEMENT - BIOLOGICAL CONTROL</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>	4 Experimental Sites Generally distributed 23 New Release Sites/ Generally distributed Generally distributed Generally distributed
Bull Thistle <i>Cirsium vulgare</i>	Gall Fly - <i>Urophora stylata</i>	2 New Release Sites
Spotted Knapweed <i>Centaurea maculosa</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 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>	3 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	5,517

SHASTA COUNTY'S 2000 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-three countries in 2000.

Argentina	Kuwait
Australia	Lebanon
Bahamas	Malaysia
Bolivia	Mexico
Brazil	Morocco
Canada	Netherlands
Canary Island	Panama
China	Phillippines
Colombia	Poland
Costa Rica	Portugal
Cyprus	Senegal
Dominican Republic	Spain
Ecuador	Sri Lanka
El Salvador	Taiwan
France	Turkey
Great Britain	United Arab Emirates
Guatemala	Uruguay
Indonesia	Venezuela
Israel	Vietnam
Japan	West Indies
Jordan	Zimbabwe
Kenya	