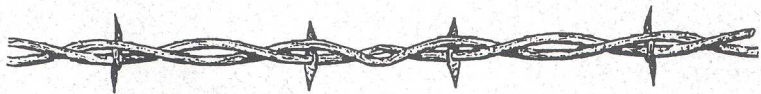


# SHASTA COUNTY



1996

CROP AND LIVESTOCK

REPORT



**ANNUAL CROP & LIVESTOCK REPORT  
YEAR ENDING DECEMBER 31, 1996**

TO: Ann M. Veneman, Secretary - California Department of Food and Agriculture  
The Honorable Board of Supervisors, County of Shasta  
Dick Dickerson, 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

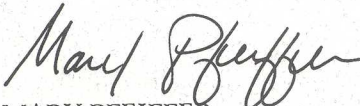
I am pleased to submit, in accordance with Section 2279 of the California Food and Agricultural Code, Shasta County's Annual Crop and Livestock Report for 1996. This report summarizes the acreage, production, and gross values of agricultural commodities produced in Shasta County. It does not attempt to show county inventory, cost of production, or net farm income.

The value of agricultural products produced in Shasta County declined 1% from the previous year. The primary factor contributing to the decline was the drop in cattle prices that reached a low in the spring of 1996. The decrease in cattle prices was offset somewhat by an increase in yields of hay and field crops. Production and prices remained steady for most apiary products, orchard, and nursery crops.

This report includes a summary of sustainable agriculture which documents the activities conducted by the department for the purpose of preventing and controlling the spread of exotic plant and insect pests throughout the county. These efforts continue as many of the biological agents released begin to establish themselves throughout the county.

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.

Respectfully submitted,

  
MARY PFEIFFER  
Agricultural Commissioner

**STAFF**

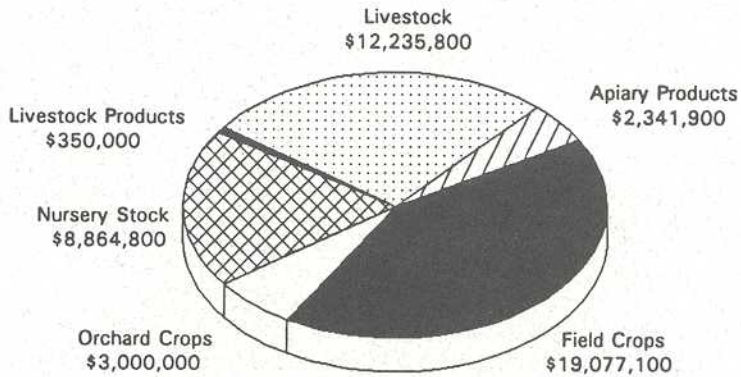
Mary Pfeiffer	Agricultural Commissioner
Paul Kjos	Deputy Agricultural Commissioner
Tony Linegar	Agricultural Investigator III
Don McBroom	Agricultural Investigator III
James Morton	Agricultural Investigator III
Jay Thesken	Agricultural Investigator III
Caryn Moen	Agricultural Investigator II
Bonnie Sanderson	Administrative Secretary III
Barbara Miceli	Typist Clerk III

**COVER**

This year's Crop and Livestock Report is dedicated to the memory of Walt Johnson, retired Shasta County Livestock Advisor and County Director. While working in Shasta County, Walt played a leadership role in the research on livestock selenium deficiencies, developed the Shasta County Vegetation Management Project, and provided invaluable help in the annual development of the county's crop and livestock reports over the years. During his 27 years as a Shasta County Farm Advisor and County Director and after his retirement, he was generous with his time and wisdom and was always willing to help when needed.

# SHASTA COUNTY LIVESTOCK & CROP SUMMARY

1996 TOTAL PRODUCTION VALUE: \$45,896,600



## COMPARISON SUMMARY

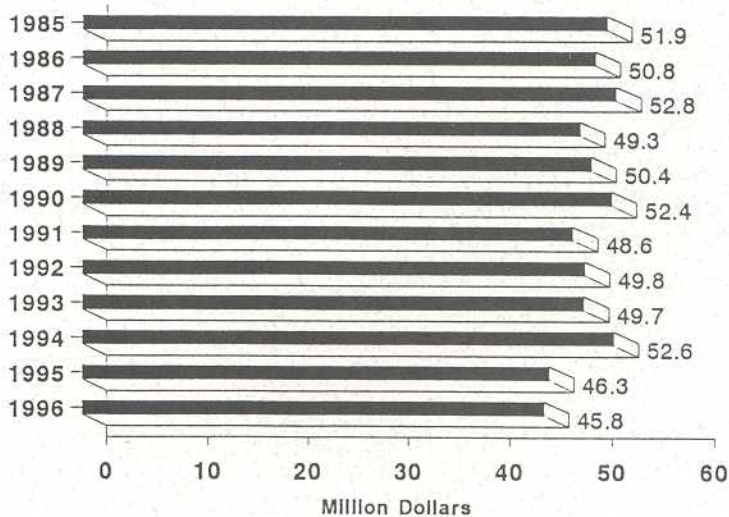
	1996	1995	1994	1993
LIVESTOCK	\$12,235,800	\$14,800,000	\$17,065,900	\$16,333,700
LIVESTOCK PRODUCTS	350,000	800,000	1,500,000	1,500,000
APIARY PRODUCTS	2,341,900	2,169,400	2,257,000	2,101,700
FIELD CROPS	19,077,100	16,495,500	19,569,500	18,248,400
NURSERY STOCK	8,864,800	9,502,100	9,621,900	8,228,700
ORCHARD CROPS	3,000,000	2,538,000	2,597,000	3,327,000
<b>TOTALS</b>	<b>\$45,869,600</b>	<b>\$46,305,000</b>	<b>\$52,611,300</b>	<b>\$49,739,500</b>
TIMBER	0*	\$55,224,700	\$64,728,000	\$119,352,000
OTHER FOREST PRODUCTS	\$12,000,000	**\$19,500,000	\$10,000,000	\$14,900,000

\*Not Available

\*\*Revised

Totals may not add due to rounding.

## TOTAL PRODUCTION 1985-96



## LIVESTOCK PRODUCTION

ITEM	YEAR	NO. HEAD	TOTAL LIVESTOCK WEIGHT	UNIT	AVG. UNIT	TOTAL
<b>CATTLE &amp; CALVES</b>						
Feeders	1996	15,500	100,750	cwt	\$55.10	\$5,551,300
	1995	16,100	112,700	cwt	63.37	7,141,800
Slaughter Cattle	1996	2,000	23,540	cwt	33.56	790,000
	1995	2,200	25,300	cwt	35.70	903,200
Breeding Stock	1996	3,000		head	639.00	1,917,000
	1995	3,200		head	698.00	2,233,600
Pasture Cattle	1996	10,000	22,500	cwt	55.00	1,237,500
	1995	10,000	25,000	cwt	61.44	1,536,000
TOTAL CATTLE	1996					\$9,495,800
	1995					\$11,814,600
SHEEP & LAMBS	1996	2,500	2,375	cwt	84.00	199,500
	1995	2,500	2,375	cwt	70.00	166,300
SWINE All Classes	1996	1,000	1,100	cwt	52.00	57,200
	1995	1,000	1,100	cwt	40.00	44,000
OTHER LIVESTOCK (Fish, Poultry, Goats, etc.)	1996					2,483,300
	1995					2,775,100
TOTAL LIVESTOCK	1996					\$12,235,800
	1995					\$14,800,000

## LIVESTOCK PRODUCTS

ITEM	YEAR	TOTAL
LIVESTOCK PRODUCTS (Milk, Wool, etc.)	1996	\$350,000
	1995	\$800,000

## APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	AVG. UNIT	TOTAL
HONEY	1996	633,000	lb	\$ .79	\$500,000
	1995	631,000	lb	.58	366,000
BEESWAX	1996	16,900	lb	2.22	37,500
	1995	7,800	lb	2.05	16,000
PACKAGE BEES	1996	23,000	lb	5.13	118,000
	1995	17,000	lb	5.41	92,000
QUEENS	1996	120,500	ea	7.05	849,500
	1995	115,000	ea	6.11	702,700
NUCLEI	1996	8,600	ea	28.22	242,700
	1995	5,000	ea	27.54	137,700
POLLINATION	1996	15,200	col	39.09	594,200
	1995	22,500	col	38.00	855,000
TOTAL APIARY PRODUCTS	1996				\$2,341,900
	1995				\$2,169,400

## FOREST PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	TOTAL
TIMBER	1995	149,734,000	bd. ft.	\$55,224,700
	1994	177,795,000	bd. ft.	\$64,728,000
MISC. FOREST PRODUCTS	1996			\$12,000,000
	1995			\$19,500,000

## FIELD CROPS

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVGUNIT	TOTAL
SUGAR BEETS	1996	412	21.6	8,907	ton	\$49.75	\$443,100
	1995	375	15.3	5,737	ton	44.50	255,300
WHEAT	1996	2,000	2.0	4,000	ton	130.00	520,000
	1995	1,200	2.0	2,400	ton	126.50	303,600
WILD RICE	1996	2,200	1,300	2,860,000	lb	.49	1,401,400
	1995	1,300	1,525	1,982,500	lb	.49	971,400
MISC CROPS (Oats, Barley, Mint Oil, Seed Crops, Truck Crops, etc.)	1996						1,275,000
	1995						712,000
HAY							
Alfalfa	1996	7,500	5.3	39,750	ton	97.50	3,875,600
	1995	8,100	4.3	34,830	ton	105.00	3,657,200
Other Hay	1996	18,500	3.0	55,500	ton	92.00	5,106,000
	1995	18,000	2.5	45,000	ton	92.00	4,140,000
PASTURE							
Irrigated	1996	33,000			acre	100.00	3,300,000
	1995	33,000			acre	100.00	3,300,000
Improved	1996	100,000			acre	12.00	1,200,000
	1995	100,000			acre	12.00	1,200,000
Rangeland	1996	326,000			acre	6.00	1,956,000
	1995	326,000			acre	6.00	1,956,000
TOTAL	1996						\$19,077,100
FIELD CROPS	1995						\$16,495,500

## ORCHARD CROPS

CROP	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVGUNIT	TOTAL
WALNUTS	1996	1,000	1.0	1,000	ton	1,440.00	\$1,440,000
	1995	950	1.1	1,045	ton	1,280.00	1,337,600
FRUIT & NUT CROPS (Apples, Olives, Stone Fruit, Grapes, Kiwis, Pistachios, etc.)	1996						1,560,000
	1995						1,200,400
TOTAL	1996						\$3,000,000
ORCHARD CROPS	1995						\$2,538,000

## NURSERY STOCK

CROP	YEAR	HARVESTED ACRES	PLANTS /ACRE	TOTAL PLANTS	UNIT	AVGUNIT	TOTAL
STRAWBERRY							
Low Elevation	1996	45	335	15,075	1,000s	\$36.57	\$551,300
	1995	51	475	24,225	1,000s	37.23	902,000
High Elevation	1996	434	378	164,052	1,000s	42.95	7,046,000
	1995	432	396	175,032	1,000s	41.95	7,342,600
CHRISTMAS TREES	1996			25,000	ea	6.70	167,500
	1995			30,000	ea	5.25	157,500
OTHER NURSERY STOCK (Turf, Ornamentals, etc.)	1996						1,100,000
	1995						1,100,000
TOTAL	1996						\$8,864,800
NURSERY STOCK	1995						\$9,502,100

# 1996 SUSTAINABLE AGRICULTURE REPORT

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
<b>PEST EXCLUSION</b>		
Exotic Pests	583,089 shipments inspected (UPS, Post Office, Federal Express, trucks)	43 rejections
<b>PEST DETECTION</b>		
Gypsy Moth, Medfly, Oriental Fruit Fly, Melon Fruit Fly, Japanese Beetle, Khapra Beetle	700 traps placed throughout Shasta County to detect the presence of these pests.	None Detected
Karnal Bunt	913 acres sampled	None Detected
<b>PEST ERADICATION</b>		
Dalmatian Toadflax Spotted Knapweed Scotch Thistle Musk Thistle Diffuse Knapweed Squarrose Knapweed	Controlled by a combination of mechanical and chemical methods.	35 sites spread over 2,916 acres throughout the county
<b>PEST MANAGEMENT</b>		
Biological Control		
Yellow Starthistle <i>Centaurea solstitialis</i>	Seed Weevil - <i>Bangasternus orientalis</i>	Generally distributed
	Hairy Weevil - <i>Eustenopus villosus</i>	12 Established Sites 23 New Release Sites
	Gall Fly - <i>Urophora sirunaseva</i>	21 Release Sites
	Peacock Fly - <i>Chaetorellia australis</i>	1 Release Site
Puncture Vine <i>Tribulus terrestris</i>	Stem & Seed Weevils - <i>Microlarynus</i> sp.	1 High Elevation Nursery Site
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
	Seedhead Weevil - <i>Bangasternus fausti</i>	1 Experimental Site
	Seedhead Fly - <i>Terellia</i> sp.	1 Experimental Site

## ORGANIC FARMING STATISTICS

<u>CROPS</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>
Fruits & Vegetables	13	90