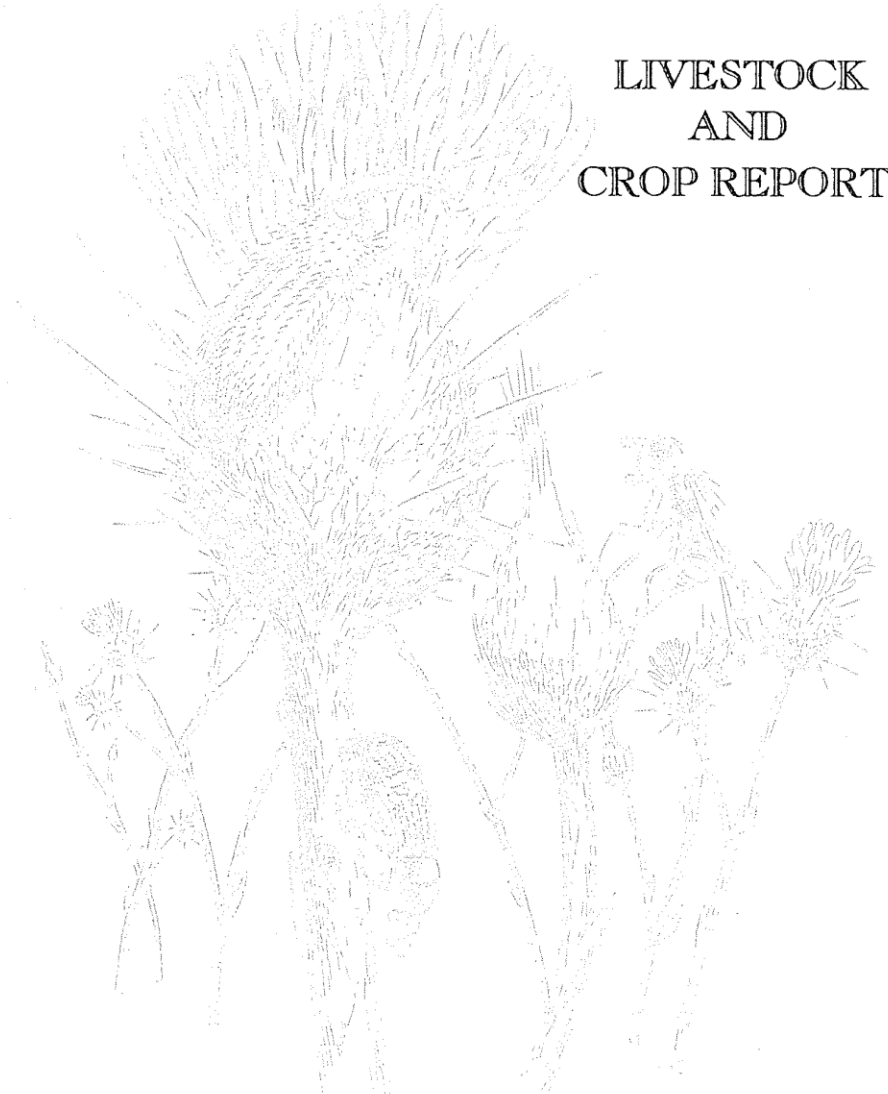


SHASTA COUNTY

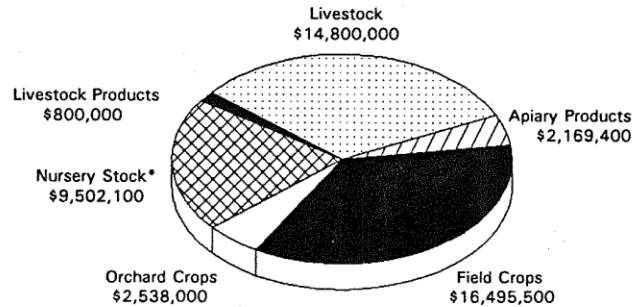
1995

LIVESTOCK
AND
CROP REPORT

SHASTA COUNTY
DEPARTMENT OF AGRICULTURE
3179 Bechelli Lane, Suite 210
Redding, CA 96002



TOTAL VALUE: \$46,305,000



*Includes Christmas Trees

STAFF

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

Cover

The Shasta County Agriculture Department, in cooperation with other agencies, groups, and individuals, continues to lead the local effort to provide a sustainable means of control for Yellow Starthistle. The insects pictured on the front cover have been dispersed throughout the county to help control this noxious pest. Three of the most widespread agents *Eustenopus villosus* (Hairy Weevil) foreground, *Bangasternus orientalis* (Seed Weevil) and *Urophora sirunaseva* (Gall Fly) are shown depositing eggs on plants.

Original art work by Jay Thesken

**ANNUAL CROP & LIVESTOCK REPORT
FOR
YEAR ENDING DECEMBER 31, 1995**

TO: Ann M. Veneman, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors, County of Shasta
Molly Wilson, Chair, District 4
Dick Dickerson, District 1
Irwin Fust, District 2
Francie Sullivan, 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 1995. 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 12% from the previous year. The major contributing factors to the decline were the steady drop in cattle prices which continued throughout 1995, and severe spring storm damage resulting in substantially reduced hay yields. Production and prices held steady for most apiary products, orchard crops, and nursery crops.

The annual sustainable report is included in this report. It summarizes many of the activities and projects the department conducted to prevent and control the spread of exotic plant and insect pests throughout the county. These efforts continue to expand as more plant materials are shipped into the county, new pests are discovered, and additional biological control agents become available.

I wish to express my sincere appreciation to the many producers, agricultural business representatives, public agencies, and others for their continuing cooperation in supplying the data necessary for this report. Development of this report was completed under the leadership of Agricultural Investigator Tony Linegar.

Respectfully submitted,

MARY PFEIFFER
Agricultural Commissioner

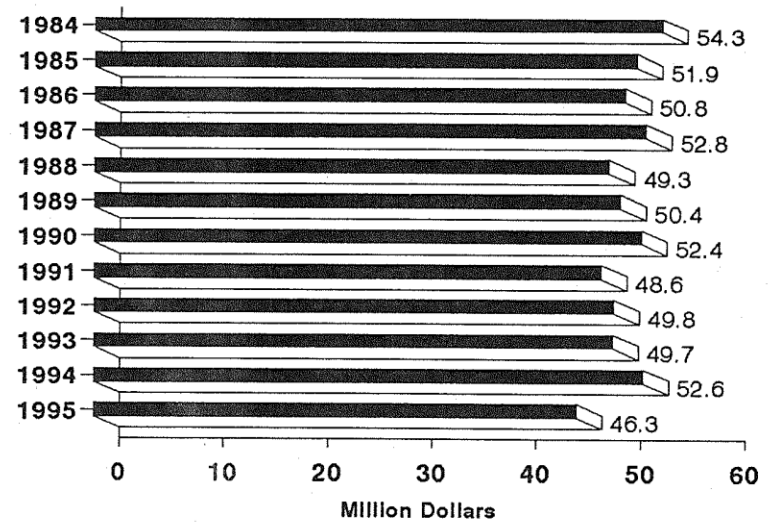
1995 SUSTAINABLE AGRICULTURE REPORT

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
<u>PEST EXCLUSION</u>		
Exotic Pests	586,384 shipments inspected (UPS, Post Office, Federal Express, trucks)	55 rejections
<u>PEST DETECTION</u>		
Gypsy Moth, Medfly, Oriental Fruit Fly, Melon Fruit Fly, Japanese Beetle, Khapra Beetle	734 traps placed throughout Shasta County to detect the presence of these pests.	None Detected
<u>PEST ERADICATION</u>		
Dalmatian Toadflax Spotted Knapweed Scotch Thistle Musk Thistle Diffuse Knapweed Squarrose Knapweed	Controlled by a combination of mechanical and chemical methods.	27 sites spread over 2,205 acres throughout the county
<u>PEST MANAGEMENT - BIOLOGICAL CONTROL</u>		
Yellow Starthistle <i>Centaurea solstitialis</i>	Seed Weevil <i>Bangasternus orientalis</i>	Generally distributed
	Hairy Weevil <i>Eustenopus villosus</i>	5 Established Sites
	Gall Fly <i>Urophora sirunaseva</i>	4 New Release Sites
	Peacock Fly <i>Chaeterellia australis</i>	20 Nursery Sites
		1 New 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

TOTAL VALUE OF AGRICULTURAL PRODUCTS SHASTA COUNTY 1984-95



COMPARISON SUMMARY

	<u>1995</u>	<u>1994</u>	<u>1993</u>	<u>1992</u>
LIVESTOCK	\$14,800,000	\$17,065,900	\$16,333,700	\$16,986,000
LIVESTOCK PRODUCTS	800,000	1,500,000	1,500,000	1,447,700
APIARY PRODUCTS	2,169,400	2,257,000	2,101,700	2,581,800
FIELD CROPS	16,495,500	19,569,500	18,248,400	17,082,700
NURSERY STOCK	9,502,100	9,621,900	8,228,700	9,586,800
ORCHARD CROPS	<u>2,538,000</u>	<u>2,597,000</u>	<u>3,327,000</u>	<u>2,115,000</u>
TOTALS	\$46,305,000	\$52,611,300	\$49,739,500	\$49,800,000
TIMBER	0*	\$ 64,728,000	\$119,352,000	\$97,190,000
OTHER FOREST PRODUCTS	\$ 9,500,000	\$ 10,000,000	\$ 14,900,000	\$13,100,000

*Not Available

Totals may not add due to rounding.

LIVESTOCK PRODUCTION

	YEAR	NO. HEAD	TOTAL LIVEWEIGHT	UNIT	AVG/UNIT	TOTAL
CATTLE & CALVES						
Feeders	1995	16,100	112,700	cwt	\$63.37	\$7,141,800
	1994	16,500	108,900	cwt	73.53	8,007,500
Slaughter Cattle	1995	2,200	25,300	cwt	35.70	903,200
	1994	1,875	21,562	cwt	42.50	916,400
Breeding Stock	1995	3,200		head	698.00	2,233,600
	1994	4,000		head	920.00	3,680,000
Pasture Cattle	1995	10,000	25,000	cwt	61.44	1,536,000
	1994	10,000	20,000	cwt	72.85	1,457,000
TOTAL CATTLE	1995					\$11,814,600
	1994					\$14,060,900
SHEEP & LAMBS	1995	2,500	2,375	cwt	70.00	166,300
	1994	2,500	2,375	cwt	65.00	154,400
SWINE	1995	1,000	1,100	cwt	40.00	44,000
All Classes	1994	1,000	1,100	cwt	46.00	50,600
OTHER LIVESTOCK (Fish, Poultry, Goats, etc.)	1995					2,775,100
	1994					2,800,000
TOTAL LIVESTOCK	1995					\$14,800,000
	1994					\$17,065,900

LIVESTOCK PRODUCTS

	YEAR	TOTAL
LIVESTOCK PRODUCTS (Milk, Wool, etc.)	1995	\$800,000
	1994	\$1,500,000

APIARY PRODUCTS

	YEAR	PRODUCTION	UNIT	AVG/UNIT	TOTAL
HONEY					
	1995	631,000	lb	5.58	\$366,000
	1994	645,000	lb	.50	322,500
BEE SWAX					
	1995	7,800	lb	2.05	16,000
	1994	17,500	lb	1.61	28,200
PACKAGE BEES					
	1995	17,000	lb	5.41	92,000
	1994	75,500	lb	4.44	335,200
QUEENS					
	1995	115,000	ea	6.11	702,700
	1994	114,000	ea	5.79	660,100
NUCLEI					
	1995	5,000	ea	27.54	137,700
	1994	5,500	ea	27.00	148,500
POLLINATION					
	1995	22,500	col	38.00	855,000
	1994	21,000	col	36.31	762,500
TOTAL APIARY PRODUCTS	1995				\$2,169,400
	1994				\$2,257,000

FOREST PRODUCTS

	YEAR	PRODUCTION	UNIT	TOTAL
TIMBER				
	1994	177,795,000	bd. ft.	\$64,728,000
	1993	422,662,000	bd. ft.	119,352,000
MISC. FOREST PRODUCTS				
	1995			\$9,500,000
	1994			10,000,000

FIELD CROPS

	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
SUGAR BEETS							
	1995	375	15.3	5,737	ton	\$44.50	\$255,300
	1994	475	16.5	7,838	ton	43.31	339,500
WHEAT							
	1995	1,200	2.0	2,400	ton	126.50	303,600
	1994	2,200	2.3	5,060	ton	120.00	607,200
WILD RICE							
	1995	1,300	1,525	1,982,500	lb	.49	971,400
	1994	1,550	1,360	2,108,000	lb	.42	885,400
MISC CROPS (Oats, Barley, Mint Oil, Seed Crops, Truck Crops, etc.)							
	1995						712,000
	1994						956,500
HAY							
Alfalfa	1995	8,100	4.3	34,830	ton	105.00	3,657,200
	1994	8,900	5.3	47,200	ton	100.00	4,720,000
Other Hay	1995	18,000	2.5	45,000	ton	92.00	4,140,000
	1994	17,000	3.5	59,500	ton	94.20	5,604,900
PASTURE							
Irrigated	1995	33,000			acre	100.00	3,300,000
	1994	33,000			acre	100.00	3,300,000
Improved	1995	100,000			acre	12.00	1,200,000
	1994	100,000			acre	12.00	1,200,000
Rangeland	1995	326,000			acre	6.00	1,956,000
	1994	326,000			acre	6.00	1,956,000
TOTAL FIELD CROPS	1995						\$16,495,500
	1994						\$19,569,500

ORCHARD CROPS

	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WALNUTS							
	1995	950	1.1	1,045	ton	\$1,280.00	\$1,337,600
	1994	975	1.0	975	ton	1,000.00	975,000
FRUIT & NUT CROPS (Apples, Olives, Stone Fruit, Grapes, Kiwis, Pistachios, etc.)							
	1995						1,200,400
	1994						1,622,000
TOTAL ORCHARD CROPS	1995						\$2,538,000
	1994						\$2,597,000

NURSERY STOCK

	YEAR	HARVESTED ACRES	PLANTS /ACRE	TOTAL PLANTS	UNIT	AVG/UNIT	TOTAL
STRAWBERRY							
Low Elevation	1995	51	475	24,225	1,000s	\$37.23	\$902,000
	1994	56	447	25,032	1,000s	38.96	975,200
High Elevation	1995	442	396	175,032	1,000s	41.95	7,342,600
	1994	432	406	175,392	1,000s	40.79	7,154,200
CHRISTMAS TREES							
	1995			30,000	ea	5.25	157,500
	1994			45,000	ea	6.50	292,500
OTHER NURSERY STOCK (Turf, Ornamentals, etc.)							
	1995						1,100,000
	1994						1,200,000
TOTAL NURSERY STOCK	1995						\$9,502,100
	1994						\$9,621,900