

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

Shasta County

1994

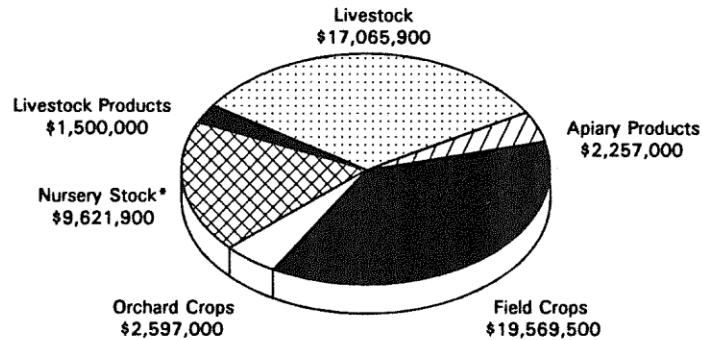
Crop Report

SHOWCASING
THE
SHASTA DISTRICT FAIR

FARM



TOTAL VALUE: \$52,611,300



*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 I
Caryn Moen	Agricultural Aide
Bonnie Sanderson	Administrative Secretary II
Barbara Miceli	Typist Clerk III

Cover

The Shasta District Fair Farm is currently being developed with the enthusiastic support of local agricultural and other community organizations. Its primary goal is to develop interactive programs with schools and other groups to educate today's youth and the community about the importance of agriculture.

Cover layout by Jay Thesken

**ANNUAL CROP & LIVESTOCK REPORT
FOR
YEAR ENDING DECEMBER 31, 1994**

TO: **Ann M. Veneman, Secretary**
California Department of Food and Agriculture
 and
The Honorable Board of Supervisors, County of Shasta
Irwin Fust, Chairman, District 2
Dick Dickerson, District 1
Francie Sullivan, 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 1994. 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 5.5% in 1994. Despite a substantial decline in cattle prices, the value of all livestock increased by 4.5%. This is due to a jump in the total liveweight of cattle sold and a large increase in the value of miscellaneous livestock sold. The value of nursery stock increased by 17% because of an increase in the number of acres of strawberry nursery stock harvested in 1994 and an overall increase in the value of ornamental nursery stock. Larger acreages of sugar beets and higher prices for wheat and hay contributed to the 7% increase in value of field crops. Orchard crops suffered a 22% decline in value attributable to falling yields and prices for walnuts.

The department's annual report on sustainable agriculture is also included in this report. It summarizes the various activities conducted and methods used to prevent and control the spread of exotic pests in the county. The use of biological agents to control weeds continues to increase throughout the county. Although these agents take many years to establish and reduce weed populations, they provide another tool in the battle against these persistent problems.

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 and to my staff who produced this report.

Respectfully submitted,

Mary Pfeiffer
MARY PFEIFFER
 Agricultural Commissioner

LIVESTOCK PRODUCTION

	YEAR	NO. HEAD	TOTAL LIVWEIGHT	UNIT	AVG/UNIT	TOTAL
CATTLE & CALVES						
Feeders	1994	16,500	108,900	cwt	\$73.53	\$8,007,500
	1993	16,500	99,000	cwt	83.61	8,277,400
Slaughter Cattle	1994	1,875	21,562	cwt	42.50	916,400
	1993	1,875	20,625	cwt	45.00	928,125
Breeding Stock	1994	4,000		head	920.00	3,680,000
	1993	3,600		head	901.00	3,243,600
Pasture Cattle	1994	10,000	20,000	cwt	72.85	1,457,000
	1993	10,000	20,000	cwt	84.28	1,685,600
TOTAL CATTLE	1994					\$14,060,900
	1993					\$14,134,700
SHEEP & LAMBS	1994	2,500	2,375	cwt	65.00	154,400
	1993	2,500	2,375	cwt	62.90	149,400
SWINE	1994	1,000	1,100	cwt	46.00	50,600
All Classes	1993	900	990	cwt	50.00	49,500
OTHER LIVESTOCK (Fish, Poultry, Goats, etc.)	1994					2,800,000
	1993					2,000,100
TOTAL LIVESTOCK	1994					\$17,065,900
	1993					\$16,333,700

LIVESTOCK PRODUCTS

	YEAR	TOTAL
LIVESTOCK PRODUCTS (Milk, Wool, etc.)	1994	\$1,500,000
	1993	\$1,500,000

APIARY PRODUCTS

	YEAR	PRODUCTION	UNIT	AVG/UNIT	TOTAL
HONEY	1994	645,000	lb	\$5.50	\$322,500
	1993	766,900	lb	.53	406,500
BEESWAX	1994	17,500	lb	1.61	28,200
	1993	21,200	lb	1.37	29,000
PACKAGE BEES	1994	75,500	lb	4.44	335,200
	1993	74,500	lb	4.46	332,300
QUEENS	1994	114,000	ea	5.79	660,100
	1993	105,500	ea	5.75	606,600
NUCLEI	1994	5,500	ea	27.00	148,500
	1993	6,700	ea	26.76	179,300
POLLINATION	1994	21,000	col	36.31	762,500
	1993	16,500	col	33.21	548,000
TOTAL APIARY PRODUCTS	1994				\$2,257,000
	1993				\$2,101,700

FOREST PRODUCTS

	YEAR	PRODUCTION	UNIT	TOTAL
TIMBER	1993	422,662,000	bd. ft.	\$119,352,000
	1992	370,300,000	bd. ft.	97,190,000
MISC. FOREST PRODUCTS	1994			\$10,000,000
	1993			14,900,000

FIELD CROPS

	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
SUGAR BEETS	1994	475	16.5	7,838	ton	\$43.31	\$339,500
	1993				ton	*	*
WHEAT	1994	2,200	2.3	5,060	ton	120.00	607,200
	1993	1,200	2.0	2,400	ton	90.00	216,000
WILD RICE	1994	1,550	1,360	2,108,000	lb	.42	885,400
	1993	1,450	1,366	1,980,700	lb	.43	851,700
MISC CROPS (Potatoes, Oats, Barley, Seed Crops, Truck Crops, etc.)	1994						956,500
	1993						1,232,500
HAY							
Alfalfa	1994	8,900	5.3	47,200	ton	100.00	4,720,000
	1993	9,600	5.5	52,800	ton	95.00	5,016,000
Other Hay	1994	17,000	3.5	59,500	ton	94.20	5,604,900
	1993	17,000	3.0	51,000	ton	86.37	4,404,900
PASTURE							
Irrigated	1994	33,000			acre	100.00	3,300,000
	1993	33,000			acre	100.00	3,300,000
Improved	1994	100,000			acre	12.00	1,200,000
	1993	100,000			acre	12.00	1,200,000
Rangeland	1994	326,000			acre	6.00	1,956,000
	1993	326,000			acre	6.00	1,956,000
TOTAL FIELD CROPS	1994						\$19,569,500
	1993						\$18,248,400

ORCHARD CROPS

	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	AVG/UNIT	TOTAL
WALNUTS	1994	975	1.0	975	ton	\$1,000.00	\$ 975,000
	1993	975	1.6	1,560	ton	1,230.00	1,918,800
FRUIT & NUT CROPS (Apples, Olives, Prunes, Grapes, Kiwis, Pistachios, etc.)	1994						1,622,000
	1993						1,408,200
TOTAL ORCHARD CROPS	1994						\$2,597,000
	1993						\$3,327,000

NURSERY STOCK

	YEAR	HARVESTED ACRES	PLANTS /ACRE	TOTAL PLANTS	UNIT	AVG/UNIT	TOTAL
STRAWBERRY							
Low Elevation	1994	56	447	25,032	1,000s	\$38.96	\$ 975,200
	1993	51	499	25,449	1,000s	39.40	1,002,700
High Elevation	1994	432	406	175,392	1,000s	40.79	7,154,200
	1993	365	394	143,810	1,000s	41.45	5,961,000
CHRISTMAS TREES	1994			45,000	ea	6.50	292,500
	1993			50,000	ea	7.30	365,000
OTHER NURSERY STOCK (Turf, Ornamentals, etc.)	1994						1,200,000
	1993						900,000
TOTAL NURSERY STOCK	1994						\$9,621,900
	1993						\$8,228,700

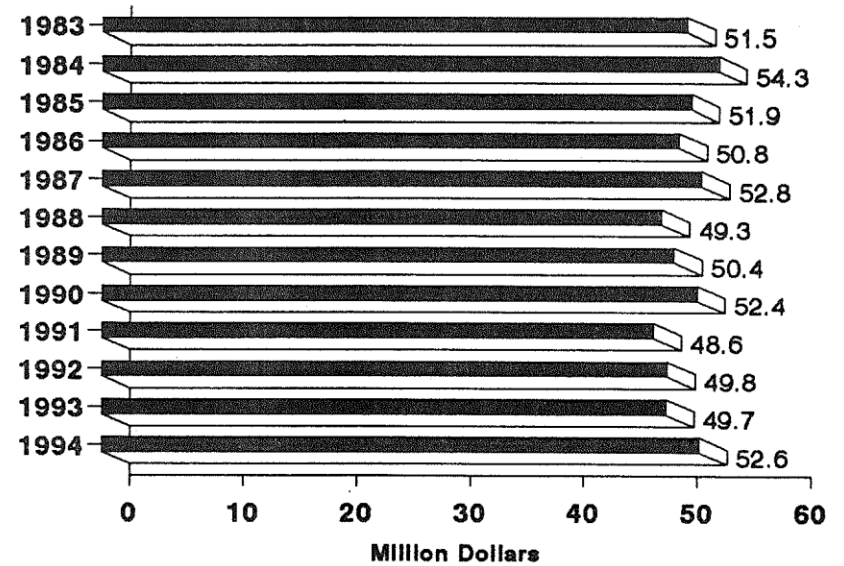
1994 SUSTAINABLE AGRICULTURE REPORT

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
<u>PEST EXCLUSION</u>		
Exotic Pests	514,748 shipments inspected (UPS, Post Office, Federal Express, trucks)	22 rejections
<u>PEST DETECTION</u>		
Gypsy Moth, Medfly, Oriental Fruit Fly, Melon Fruit Fly, Japanese Beetle, Khapra Beetle	917 traps placed throughout Shasta County to detect the presence of these pests.	1 Gypsy Moth trapped
<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.	25 sites spread over 3,676 acres throughout the county
<u>PEST MANAGEMENT - BIOLOGICAL CONTROL</u>		
Yellow Starthistle <i>Centaurea solstitialis</i>	Seed Weevil <i>Bangasternus orientalis</i> Hairy Weevil <i>Eustenopus villosus</i> Gall Fly <i>Urophora sirumaseva</i>	23 Established Sites 7 New Release Sites 5 Nursery Sites
Klamath Weed <i>Hypericum perforatum</i>	Klamath Beetle <i>Chrysolina gemellata</i>	Generally distributed at lower elevations
Puncture Vine <i>Tribulus terrestris</i>	Stem & Seed Weevils <i>Microlepydus</i> sp.	Generally distributed at lower elevations 1 High Elevation Nursery Site
Ash Whitefly <i>Siphoninus phillyreae</i>	Parasitic Wasp <i>Encarsia inaron</i>	Generally distributed at lower elevations
Western Grapeleaf Skeletonizer <i>Harrisina brillians</i>	Parasitic Wasp <i>Apanteles harristinae</i> Parasitic Fly <i>Ametadoria misella</i>	Generally distributed at lower elevations
Bull Thistle <i>Cirsium vulgare</i>	Gall Fly <i>Urophora stylata</i>	1 Nursery Site

ORGANIC FARMING STATISTICS

<u>CROPS</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>
Fruits & Vegetables	11	85

TOTAL VALUE OF AGRICULTURAL PRODUCTS SHASTA COUNTY 1983-94



COMPARISON SUMMARY

	<u>1994</u>	<u>1993</u>	<u>1992</u>	<u>1991</u>
LIVESTOCK	\$17,065,900	\$16,333,700	\$16,986,000	\$18,020,200
LIVESTOCK PRODUCTS	1,500,000	1,500,000	1,447,700	700,900
APIARY PRODUCTS	2,257,000	2,101,700	2,581,800	1,667,300
FIELD CROPS	19,569,500	18,248,400	17,082,700	16,908,300
NURSERY STOCK	9,621,900	8,228,700	9,586,800	8,684,100
ORCHARD CROPS	<u>2,597,000</u>	<u>3,327,000</u>	<u>2,115,000</u>	<u>2,637,900</u>
TOTALS	\$52,611,300	\$49,739,500	\$49,800,000	\$48,618,700
TIMBER	0**	\$119,352,000	\$97,190,000	\$36,170,000
OTHER FOREST PRODUCTS	\$10,000,000	\$ 14,900,000	\$13,100,000	\$10,307,500

*1993 Total in Miscellaneous Crops

**Not Available

Totals may not add due to rounding.