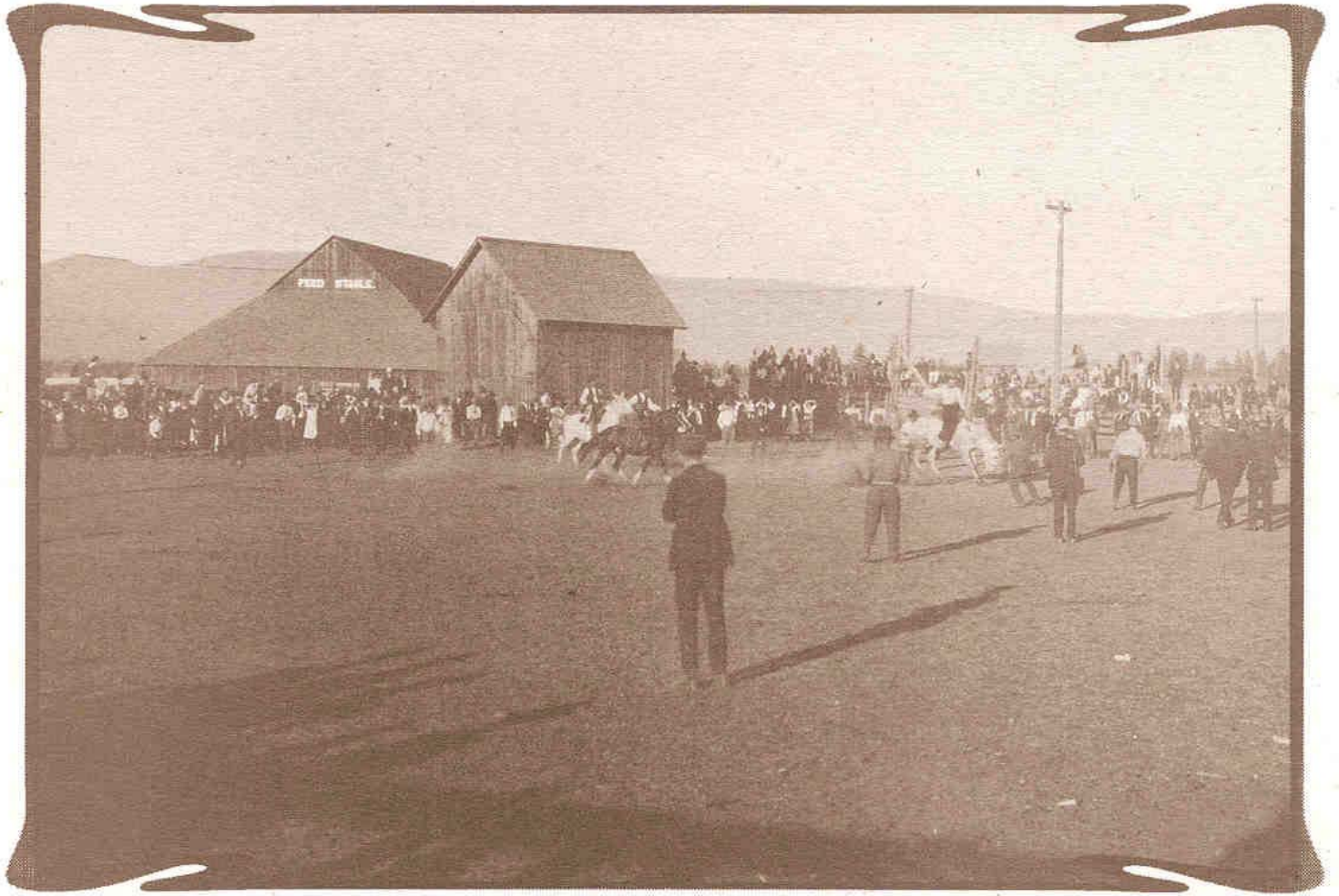


# COUNTY OF SHASTA



1998  
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

Glenn Hawes, Chairman, District 3  
David Kehoe, District 1  
Irwin Fust, District 2  
Molly Wilson, District 4  
Patricia "Trish" Clark, 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 1998. 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 decreased 9%. The most significant factor contributing to the decrease was the exceptionally wet spring weather associated with El Niño. The resulting plant disease especially impacted fruit and nut crops. Other factors contributed to the overall decrease as well, such as, the steady decline of cattle prices during the summer and fall months and lower commodity prices.

This report includes a summary of sustainable agriculture activities which have been completed by the department in 1998. 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**

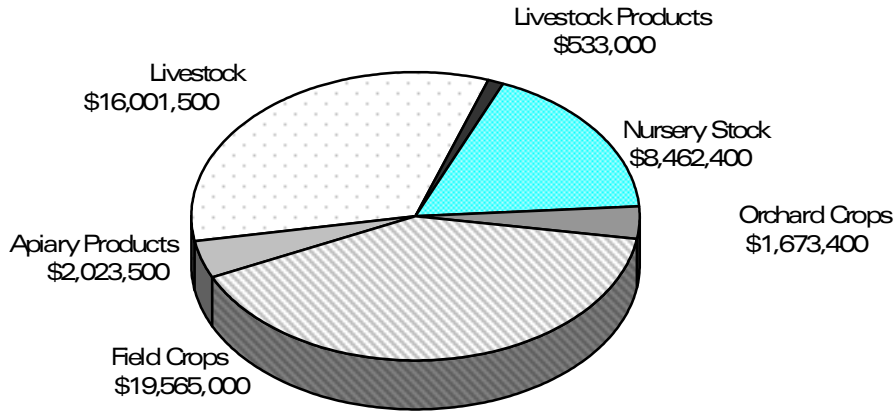
Mary Pfeiffer	Agricultural Commissioner
Paul Kjos	Deputy Agricultural Commissioner
Tony Linegar	Agricultural Investigator III
Don McBroome	Agricultural Investigator III
Caryn Moen	Agricultural Investigator III
Mark Conover	Agricultural Investigator II
Thad Huston	Agricultural Investigator I
Gary Matson	Agricultural Investigator I
Ray Abernathy	Agricultural Program Assistant
Bonnie Sanderson	Executive Assistant
Barbara Miceli	Typist Clerk III

## **COVER**

The photo on the cover was taken in 1917 and depicts the first Intermountain Fair in McArthur. Events included a rodeo, exhibits, and even a well-baby contest. The Intermountain Fair continues to be held every Labor Day weekend in downtown McArthur. Located in the northeast corner of the county, McArthur is the center of agricultural production in Shasta County.

# SHASTA COUNTY LIVESTOCK & CROP SUMMARY

1998 TOTAL PRODUCTION VALUE: \$48,258,800



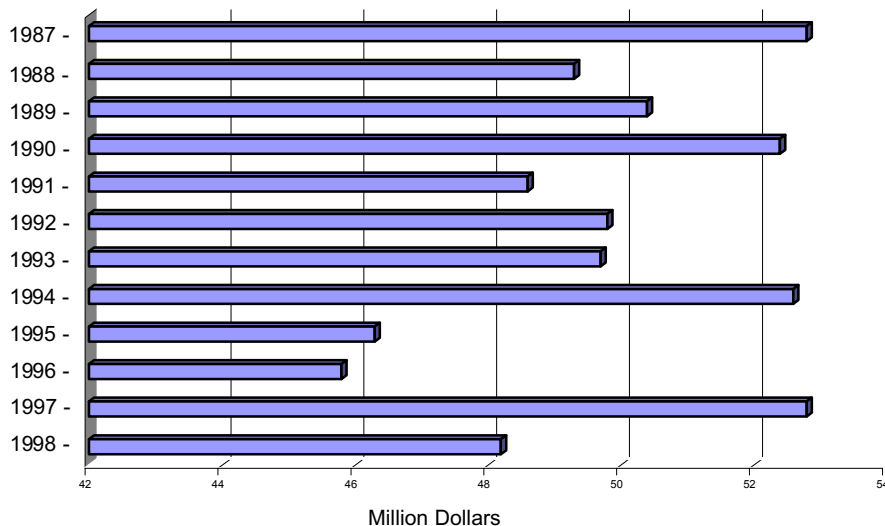
## COMPARISON SUMMARY

	1998	1997	1996	1995
LIVESTOCK	\$16,001,500	\$17,502,500	\$12,235,800	\$14,800,000
LIVESTOCK PRODUCTS	533,000	500,000	350,000	800,000
APIARY PRODUCTS	2,023,500	2,321,200	2,341,900	2,169,400
FIELD CROPS	19,565,000	19,681,900	19,077,100	16,495,500
NURSERY STOCK	8,462,400	8,674,000	8,865,800	9,502,100
ORCHARD CROPS	1,673,400	4,172,800	3,000,000	2,538,000
<b>TOTALS</b>	<b>\$48,258,800</b>	<b>\$52,852,400</b>	<b>\$45,869,600</b>	<b>\$56,305,000</b>
TIMBER	0*	\$47,344,800	\$57,279,000	\$55,224,700
OTHER FOREST PRODUCTS	\$8,215,600	\$ 9,651,600	\$12,000,000	\$19,500,000

\*Not Available

Totals may not add due to rounding.

## TOTAL VALUE OF AGRICULTURAL PRODUCTS 1987-98



# LIVESTOCK PRODUCTION

ITEM	YEAR	NO. HEAD	TOTAL LIVEWEIGHT	UNIT	AVG/UNIT	TOTAL
<b>CATTLE &amp; CALVES</b>						
Feeders	1998	17,500	118,475	cwt	\$70.59	\$8,363,200
	1997	18,500	131,535	cwt	71.76	9,438,900
Slaughter Cattle	1998	2,300	27,526	cwt	31.00	853,300
	1997	2,400	27,528	cwt	28.75	791,400
Breeding Stock	1998	3,400		head	758.00	2,577,200
	1997	3,600		head	890.00	3,204,000
Pasture Cattle	1998	10,000	23,500	cwt	66.25	1,556,900
	1997	10,000	23,000	cwt	67.56	1,553,900
TOTAL CATTLE	1998					\$13,350,600
	1997					\$14,988,200
<b>SHEEP &amp; LAMBS</b>						
	1998	2,500	2,375	cwt	74.80	177,700
	1997	2,500	2,375	cwt	91.60	217,500
<b>SWINE</b>						
All Classes	1998	1,000	1,100	cwt	34.00	37,400
	1997	1,000	1,100	cwt	53.26	58,600
<b>OTHER LIVESTOCK</b>						
(Fish, Poultry, Goats, etc.)	1998					2,435,800
	1997					2,238,200
TOTAL LIVESTOCK	1998					\$16,001,500
	1997					\$17,502,500

# LIVESTOCK PRODUCTS

ITEM	YEAR	TOTAL
LIVESTOCK PRODUCTS	1998	\$533,000
	1997	\$500,000

# FOREST PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	TOTAL
TIMBER	1997	151,040,000	bd. ft.	\$47,344,800
	1996	167,977,000	bd. ft.	\$57,279,000
MISC. FOREST PRODUCTS	1998			\$8,215,600
	1997			\$9,651,600

# FIELD CROPS

<b>CROP</b>	<b>YEAR</b>	<b>HARVESTED ACRES</b>	<b>PER ACRE</b>	<b>TOTAL</b>	<b>UNIT</b>	<b>AVG/ UNIT</b>	<b>TOTAL</b>
WHEAT	1998	600	1.7	1,020	ton	\$70.00	\$71,400
	1997	1,700	2.0	3,400	ton	100.00	340,000
WILD RICE	1998	2,300	1,550	3,565,000	lb	.49	1,746,900
	1997	2,400	1,300	3,120,000	lb	.50	1,560,000
MISC CROPS (Oats, Barley, Mint Oil, Seed & Truck Crops, etc.)	1998						1,695,000
	1997						1,482,300
<b>HAY</b>							
Alfalfa	1998	7,000	5.4	37,800	ton	95.00	3,591,000
	1997	7,800	4.8	39,440	ton	106.25	3,978,000
Other Hay	1998	15,500	4.0	62,000	ton	96.85	6,004,700
	1997	18,800	3.2	60,160	ton	97.50	5,865,600
<b>PASTURE</b>							
Irrigated	1998	33,000			acre	100.00	3,300,000
	1997	33,000			acre	100.00	3,300,000
Improved	1998	100,000			acre	12.00	1,200,000
	1997	100,000			acre	12.00	1,200,000
Rangeland	1998	326,000			acre	6.00	1,956,000
	1997	326,000			acre	6.00	1,956,000
<b>TOTAL FIELD CROPS</b>							
	1998						\$19,565,000
	1997						\$19,681,900

# ORCHARD CROPS

<b>CROP</b>	<b>YEAR</b>	<b>HARVESTED ACRES</b>	<b>PER ACRE</b>	<b>TOTAL</b>	<b>UNIT</b>	<b>AVG/ UNIT</b>	<b>TOTAL</b>
WALNUTS	1998	1,000	1.00	1,000	ton	\$900.00	\$900,000
	1997	1,000	1.5	1,500	ton	1,300.00	1,950,000
FRUIT & NUT CROPS (Apples, Olives, Stone Fruit, Grapes, Kiwis, Pistachios, etc.)	1998						773,400
	1997						2,222,800
<b>TOTAL ORCHARD CROPS</b>							
	1998						\$1,673,400
	1997						\$4,172,800

# NURSERY STOCK

CROP	YEAR	HARVESTED PLANTS		TOTAL	UNIT	AVG/ UNIT	TOTAL
		ACRES	/ACRE				
STRAWBERRY							
Low Elevation	1998	52	430	22,360	1,000s	\$39.56	\$884,600
	1997	41	497	20,377	1,000s	36.46	742,900
High Elevation	1998	358	361	129,238	1,000s	48.78	6,304,200
	1997	386	382	147,452	1,000s	43.25	6,377,300
CHRISTMAS TREES							
	1998			20,000	ea	8.68	173,600
	1997			22,000	ea	7.69	153,800
OTHER NURSERY STOCK (Turf, Ornamentals, etc.)							
	1998						1,100,000
	1997						1,400,000
TOTAL NURSERY STOCK							
	1998						\$8,462,400
	1997						\$8,674,000

# APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	AVG/UNIT	TOTAL
HONEY	1998	464,900	lb	\$.65	\$302,200
	1997	673,000	lb	.77	518,200
BEESWAX	1998	27,000	lb	1.57	42,400
	1997	22,800	lb	2.22	50,600
PACKAGE BEES	1998	17,800	lb	6.04	107,500
	1997	16,300	lb	6.96	113,500
QUEENS	1998	88,300	ea	7.59	670,200
	1997	120,800	ea	7.48	903,600
NUCLEI	1998	4,400	ea	31.45	138,400
	1997	5,500	ea	30.71	168,900
POLLINATION	1998	18,900	col	40.36	762,800
	1997	14,300	col	39.61	566,400
TOTAL APIARY PRODUCTS					
	1998				\$2,023,500
	1997				\$2,321,200

# 1998 SUSTAINABLE AGRICULTURE REPORT

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
<b><u>PEST EXCLUSION</u></b>		
Exotic Pests	157,113 shipments inspected (Common Carriers))	98 rejections 5 pest interceptions
<b><u>PEST DETECTION</u></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
<b><u>PEST ERADICATION</u></b>		
Dalmatian Toadflax Spotted, Diffuse & Squarrose Knapweeds Scotch & Musk Thistles	Integrated Pest Management	39 sites spread over 3,977 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>	35 Established Sites 12 New Release Sites
	Gall Fly - <i>Urophora sirunaseva</i>	21 Release Sites
	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	9	24



## SHASTA COUNTY'S 1998 EXPORT TRADE PARTNERS

Shasta County commodities have been exported to these forty-four countries.

Argentina	Ecuador	Italy	Peru
Australia	Egypt	Jordan	Poland
Bahamas	El Salvador	Kenya	Saudi Arabia
Bolivia	France	Kuwait	Spain
Brazil	Germany	Lebanon	Sri Lanka
Canada	Great Britain	Martinique	Tunisia
Canary Island	Greece	Mexico	Turkey
China	Guatemala	Morocco	United Arab Emirates
Colombia	India	Netherlands	Uruguay
Costa Rica	Indonesia	New Zealand	Venezuela
Dominican Republic	Israel	Panama	Zimbabwe

