

# **SISKIYOU COUNTY**

## **2008 CROP & LIVESTOCK REPORT**





Spotted Knapweed



Perennial pepperweed on Lower Klamath Wildlife Refuge



Musk thistle



Musk thistle



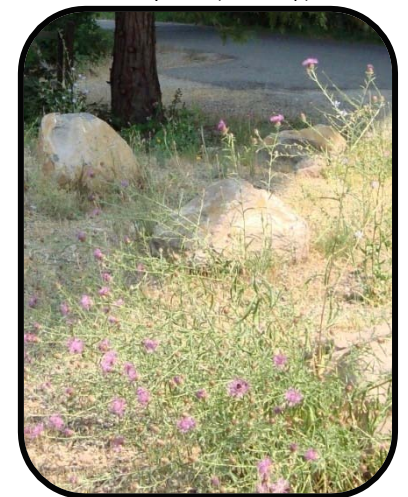
Hoary cress (Whitetop)



Leafy spurge



Dyer's woad (Marlahan mustard)



Meadow Knapweed

**SISKIYOU COUNTY  
DEPARTMENT OF AGRICULTURE**

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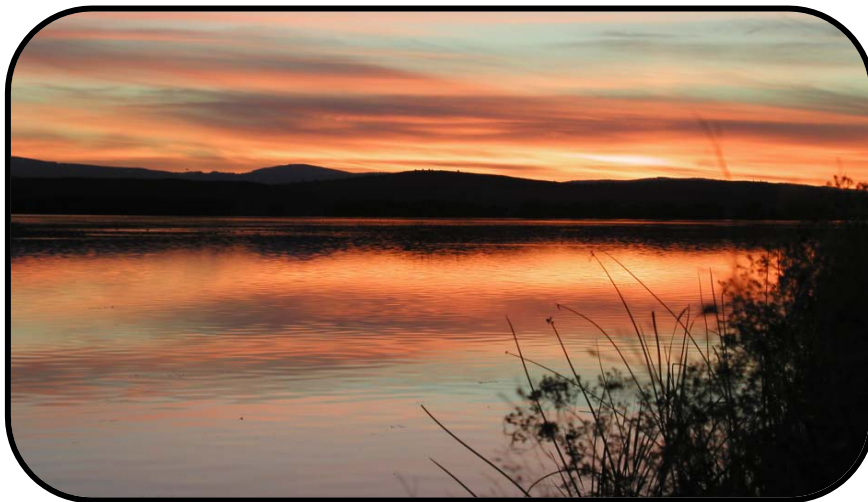
**ANNUAL REPORT OF ESTIMATED  
CROP AND LIVESTOCK PRODUCTION**

**YEAR ENDING DECEMBER 31, 2008**

**BOARD OF SUPERVISORS**

<b>Jim Cook</b>	<b>District 1</b>
<b>LaVada Erickson</b>	<b>District 2</b>
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<b>Marcia H. Armstrong</b>	<b>District 5</b>

**CHIEF ADMINISTRATIVE OFFICER  
Brian McDermott**



Sunset on Lower Klamath Refuge in eastern Siskiyou County



# COUNTY OF SISKIYOU Department of Agriculture

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PATRICK J. GRIFFIN

AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

AIR POLLUTION CONTROL OFFICER  
ANIMAL CONTROL OFFICER

A. G. Kawamura, Secretary  
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE  
&

THE HONORABLE BOARD OF SUPERVISORS OF SISKIYOU COUNTY

Supervisor Jim Cook, District 1  
Supervisor LaVada Erickson, District 2  
Supervisor Michael Kobseff, District 3  
Supervisor Bill Overman, District 4  
Supervisor Marcia H. Armstrong, District 5

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Siskiyou County Annual Crop and Livestock Report for 2008.

The gross agricultural receipts for 2008, excluding timber, totaled \$231,934,646, which represents an increase of \$62,553,310 from the 2007 growing season. This marked increase is due to several factors including the acreage for the organic crops continuing to increase, and the market share of these commodities continuing to maintain a premium farm gate value. The alfalfa and other hay value was at its highest level in history, and our potato values were also at a level not seen in years. Together, these alone represent a \$28,000,000 increase in gross value. Our strawberry nursery acreage continues to increase as another nursery was added in Butte Valley. The 2008 crop was average in yield due to the cold spring. The strawberry crop and its high value create dramatic swings in our crop report. The 2007 season saw a disastrous hail storm that severely damaged production, thus our 2008 figures are up significantly by returning to the average yield figures.

The figures contained in this report represent gross values only, and do not reflect a net return to the producer or the cost of production. Also, the figures do not reflect an individual operation since the entire county is the smallest unit measured for any particular commodity.

I sincerely appreciate the efforts and cooperation of all the agricultural interests which provided production information. I especially thank Assistant Agricultural Commissioner/Sealer Greg Herman, Executive Secretary Cyd Krouse, GIS Analyst Paul McCanna, Deputy Agricultural Commissioner Jodi Aceves, and Ag & Standards Inspector Jim Smith for compiling and producing this informative publication.

Respectfully submitted,

PATRICK J. GRIFFIN  
Agricultural Commissioner

Tulelake Branch Office  
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Air Pollution Control District  
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Department of Animal Control  
(530) 841-4028



Water Lillies at Pond Outlet



**Siskiyou County  
Department of Agriculture  
Department of Weights & Measures  
Air Pollution Control District  
Domestic and Predatory Animal Control**

**Department Head**

**Agricultural Commissioner and  
Sealer of Weights & Measures**

Patrick J. Griffin

**Assistant Agricultural Commissioner/Sealer**

Greg Herman

**Deputy Ag Commissioners/Sealers**

Jodi Aceves  
Carolyn Gordon  
Larry Hicks  
James E. Smith

**Vegetation Control Supervisor**

Randy Casson

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Bob Kirby

**Administrative Services Staff**

Cyd Krouse, Executive Secretary  
Sherry Lawson, Fiscal Technician  
Tara Beck-Martin, Fiscal Assistant III

**Air Pollution Division**

**Air Pollution Control Officer**

Patrick J. Griffin

**Assistant Air Pollution Control Officer**

Eldon Beck

**Air Pollution Specialists**

Eric Olson  
Scott Dunn

**All Divisions**

**Geographical Information Systems Specialist**

Paul McCanna

**Predatory Division**

**Wildlife Services Officer**

Scott Stiles

**Animal Control Division**

Ronald Fisher, Chief AC Officer  
Terry Layton, AC Officer  
Dea Starritt, Shelter Technician

## GENERAL COUNTY INFORMATION

County Seat	Yreka
Population (2001)	44,300
Total appraised value (1998)	\$2,121,666,045
Area of county (square miles)	6,287
Acres in county	4,038,843
Land in farms (acres)	1,153,246
Cropland acres	210,000
Irrigated acres	138,000
Rangeland (woodland and forest acres)	2,525,216
Urban areas (acres)	12,381
County road miles	1,398
State highway miles	325

**Incorporated cities:**

Yreka, Montague, Etna, Fort Jones, Weed, Mount Shasta, Dunsmuir, Dorris, Tulelake

Major farming areas: Shasta Valley, Scott Valley, Butte Valley, Tulelake

Major rivers: Klamath, Shasta, Scott, Sacramento, Salmon

Railroads: Southern Pacific, Yreka Western, McCloud River

**Sources of information:**

Siskiyou County Assessors Office, Siskiyou County Department of Public Works,

University of California Extension Service, CalTrans

Agricultural Stabilization and Conservation Service, Siskiyou County Department of Agriculture



Bio-control Meadow Knapweed



Bio-control: releasing flea beetles on Scott River

## CLIMATOLOGICAL DATA

	Elev. in feet	32° Grow Season in days	28° Grow Season in days	F°		F°		Annual Precip.	Annual Snowfall
				Mean Temp. Jan.	July	Extreme Temp. max.	min.		
Shasta Valley									
Montague	2,640	143	175	34	73	110	-15	12.12	8.9
Scott Valley									
Fort Jones	2,747	100	143	33	70	110	-23	21.78	30.4
Butte Valley									
Mt. Hebron	4,250	27	81	28	63	100	-22	10.89	27.6
Tule Basin									
Tulelake	4,036	82	113	30	65	100	-27	10.21	23.5

## FIELD CROPS

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Alfalfa Hay	2008	54,327	5.25	285,217.00	Ton	\$200.00	\$57,043,350.00
	2007	57,741	5.25	303,140.00	Ton	\$140.00	\$42,439,600.00
	2006	58,494	5.50	321,717.00	Ton	\$135.00	\$43,431,795.00
Other Hay	2008	19,151	3.50	67,029.00	Ton	\$150.00	\$10,054,275.00
	2007	11,060	4.00	44,240.00	Ton	\$120.00	\$5,308,800.00
	2006	12,928	4.30	55,590.00	Ton	\$110.00	\$6,114,944.00
Oats	2008	764	2.25	1,719.00	Ton	\$175.00	\$300,825.00
	2007	1,060	2.25	2,385.00	Ton	\$500.00	\$1,192,500.00
	2006	2,209	2.00	4,418.00	Ton	\$130.00	\$574,340.00
Barley	2008	4,307	2.75	11,844.00	Ton	\$145.00	\$1,717,416.00
	2007	4,801	2.50	12,003.00	Ton	\$344.00	\$4,128,860.00
	2006	9,362	2.10	19,660.00	Ton	\$120.00	\$2,359,224.00
All Wheat	2008	14,577	3.25	47,375.00	Ton	\$225.00	\$10,659,431.00
	2007	11,265	3.00	33,795.00	Ton	\$325.00	\$10,983,375.00
	2006	15,269	2.45	37,410.00	Ton	\$140.00	\$5,237,267.00
Rye/Triticale	2008	2,310	2.50	5,775.00	Ton	\$240.00	\$1,386,000.00
	2007	3,369	1.00	3,369.00	Ton	\$300.00	\$1,010,700.00
	2006	2,637	1.00	2,637.00	Ton	\$110.00	\$290,070.00
Pasture irrigated	2008	75,000			Acre	\$40.00	\$3,000,000.00
	2007	75,000			Acre	\$40.00	\$3,000,000.00
	2006	75,000			Acre	\$30.00	\$2,250,000.00
Pasture non-irrigated	2008	145,000			Acre	\$13.00	\$1,885,000.00
	2007	145,000			Acre	\$12.00	\$1,740,000.00
	2006	140,000			Acre	\$12.00	\$1,680,000.00
Rangeland Pasture	2008	445,000			Acre	\$3.00	\$1,335,000.00
	2007	445,000			Acre	\$3.00	\$1,335,000.00
	2006	445,000			Acre	\$3.00	\$1,335,000.00
Mint	2008	1,079	83.00	89,557.00	Lb	\$17.00	\$1,522,469.00
	2007	1,197	78.00	93,366.00	Lb	\$14.00	\$1,307,124.00
	2006	1,156	95.00	109,820.00	Lb	\$14.00	\$1,537,480.00
Misc. Crops*	2008						\$250,000.00
	2007						\$250,000.00
	2006						\$250,000.00
TOTAL	2008	761,515					\$89,153,766.00
	2007	755,824					\$65,868,219.00
	2006	767,055					\$65,870,120.00

## DRYLAND ACRES

Triticale	2008	169	2.00	338.00	Ton	\$400.00	\$135,200.00
Alfalfa	2008	3,554	2.25	7,997.00	Ton	\$180.00	\$1,439,460.00
Barley	2008	125	1.25	156.25	Ton	\$145.00	\$22,656.25
Wheat	2008	949	2.00	1,898.00	Ton	\$225.00	\$427,050.00
Forage Hay	2008	2,264	1.75	3,962.00	Ton	\$135.00	\$534,870.00

\*Stubble pasture, straw and silage.

## SEED CROPS

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Potatoes	2008	0					\$ -
	2007	50	500.00	25,000 Cwt.		\$ 8.50	\$ 212,500
	2006	50	500.00	25,000 Cwt.		\$ 6.50	\$ 162,500
Barley (all)	2008	1000	2.60	2,600 Ton		\$ 700.00	\$ 1,820,000
	2007	1000	2.40	2,400 Ton		\$ 700.00	\$ 1,680,000
	2006	1000	2.40	2,400 Ton		\$ 140.00	\$ 336,000
Oats (all)	2008	300	2.00	600 Ton		\$ 550.00	\$ 330,000
	2007	350	2.00	700 Ton		\$ 882.00	\$ 617,400
	2006	350	2.00	700 Ton		\$ 150.00	\$ 105,000
Rye	2008	200	1.00	200 Ton		\$ 750.00	\$ 150,000
	2007	200	1.00	200 Ton		\$ 600.00	\$ 120,000
	2006	200	1.00	200 Ton		\$ 110.00	\$ 22,000
Wheat (all)	2008	600	2.50	1,500 Ton		\$ 550.00	\$ 825,000
	2007	600	2.50	1,500 Ton		\$ 750.00	\$ 1,125,000
	2006	600	2.50	1,500 Ton		\$ 170.00	\$ 255,000
TOTAL	2008						\$ 3,125,000
	2007						\$ 3,754,900
	2006						\$ 880,500

\* Misc: Alfalfa, garlic, peas, wheatgrass, etc. for 2006 only



Dalmatian toadflax

## TIMBER

Year	Production	Value
2008	147,278,000 board feet	\$27,042,757
2007	246,141,000 board feet	\$59,343,592
2006	198,832,000 board feet	\$47,924,733



## LIVESTOCK

	Year	Production			Value	
		Per Head	Live Weight	Unit	Per Unit	Total
Bulls	2008	1,150	115,000 Cwt.		\$60.00	\$ 1,242,000
Cows	2008	8,460	101,520 Cwt.		\$51.00	\$ 5,177,520
Steers & Heifers	2008	21,600	140,400 Cwt.		\$98.70	\$13,857,480
Sheep	2008	1,320	2,640 Cwt.		\$28.30	\$ 74,712
Lambs	2008	7,712	8,483 Cwt.		\$97.90	\$ 830,505
Misc. Poultry & Livestock*	2008					\$ 294,000
<b>TOTAL</b>	2008					<b>\$21,476,217</b>
	2007					<b>\$24,132,610</b>
	2006					<b>\$22,118,780</b>

\* Apiary products, buffalo, eggs, fryers, goats, hens, hogs, horses, llamas, mules, pigs, rabbits, venison.



## JANUARY 1 - INVENTORIES OF LIVESTOCK AND POULTRY

	Jan. 1 2004	Jan. 1 2005	Jan. 1 2006	Jan. 1 2007	Jan. 1 2008
Cattle and calves (all)	68,000	68,000	60,000	62,000	64,000
Milk cows 2 years and over	2,000	2,000	1,400	1,000	1,000
Dairy heifers on feed	2,500	2,500	1,800	1,800	1,800
Sheep and lambs	3,200	3,700	4,500	4,600	4,550
Goats	900	1,100	2,600	2,800	3,000
Hogs and pigs (all)	600	600	600	500	450
Horses and mules (all)	13,500	13,500	13,000	13,000	12,500
Hens and pullets of laying age	700	700	600	600	600

## MILK and WOOL

Item	Year	Production	Unit	Value per Unit	Value Total
Milk (Market)	2008	264,500	Cwt.	\$ 16.50	\$ 4,364,250
	2007	250,000	Cwt.	\$ 14.80	\$ 3,700,000
	2006	256,000	Cwt.	\$ 11.00	\$ 2,816,000
Wool	2008	18,020	Lb.	\$ 1.10	\$ 19,822
	2007	17,500	Lb.	\$ 0.35	\$ 6,125
	2006	18,000	Lb.	\$ 0.35	\$ 6,300
<b>TOTAL</b>	2008				\$ 4,384,072

## ORGANIC FARMS

CROP	ACRES	VALUE
Alfalfa	7759.4 Acres	\$ 7,914,588
Pasture hay & forage hay	3059.6 Acres	\$ 1,927,548
Rye hay	1580.8 Acres	\$ 237,120
Wheat	1101.4 Acres	\$ 1,301,029
Barley	1577.0 Acres	\$ 900,368
Oats	642.8 Acres	\$ 224,980
Berry fruit	11.0 Acres	\$ 247,500
Tree nuts	1.3 Acres	\$ 3,900
Fruit trees	24.8 Acres	\$ 37,200
Asparagas	12.0 Acres	\$ 6,000
Potatoes	412.5 Acres	\$ 2,784,375
Onions and Herbs	40.0 Acres	\$ 139,200
Oil crops	242.83 Acres	\$ 278,661
Greenhouse products	20,000 Sq Ft	\$ 750,000
Cattle	1,500.0 Head	\$ 320,000
Rangeland	12,560 Acres	\$ 163,280
Fallow	4,211.9 Acres	
Pasture	6,750 Acres	\$ 168,750
<b>Totals</b>	<b>17,675.8 Acres</b>	<b>\$ 17,404,499</b>

## NURSERY

Item	Year	Quantity Sold		Per Unit	Total
		By Producers	Unit		
Christmas Trees	2008	5,000	Each	\$10.00	\$ 50,000
	2007	5,000	Each	\$10.00	\$ 50,000
	2006	20,000	Each	\$10.00	\$ 200,000
Seasonal Greenery	2008	15,000	Each	\$13.50	\$ 202,500
	2007	15,000	Each	\$13.50	\$ 202,500
	2006	15,000	Each	\$13.50	\$ 202,500
Strawberry Plants	2008	794,475	1000/bundle	\$85.50	\$ 67,927,613
	2007	412,076	1000/bundle	\$85.50	\$ 35,232,461
	2006	538,050	1000/bundle	\$90.00	\$ 48,424,500
Misc. Nursery Products*	2008				\$ 6,000,000
	2007				\$ 6,000,000
	2006				\$ 6,000,000
TOTAL	2008				\$ 74,180,113
	2007				\$ 41,484,961
	2006				\$ 54,827,000


\*Bedding plants, flowers/shrubs, conifer seedlings for reforestation.

## FRUIT & VEGETABLE CROPS

Crop	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Potatoes	2008	4,148	465	1,928,820	Cwt.	\$ 8.05	\$ 15,527,001
	2007	3,440	500	1,720,000	Cwt.	\$ 7.00	\$ 12,040,000
	2006	3,850	425	1,636,250	Cwt.	\$ 4.25	\$ 6,954,063
Dry Onions	2008	1,778	484	860,552	Cwt.	\$ 6.30	\$ 5,421,478
	2007	1,909	521	994,589	Cwt.	\$ 5.50	\$ 5,470,240
	2006	1,621	500	810,500	Cwt.	\$ 4.95	\$ 4,011,975
Horseradish	2008	250	2.5	625	Ton	\$ 500.00	\$ 312,500
Misc. Other Crops*	2008						\$ 950,000
TOTAL	2008						\$ 22,210,979
	2007						\$ 17,510,240
	2006						\$ 10,966,038

\*Apples, beans, berries, cherries, endive, garlic, herbs, large gardens, melons, mushrooms, onions, peaches, pears, squash, sweet corn, tomatoes, wine grapes, raspberry nursery.

## SUSTAINABLE AGRICULTURE

	<u>AGENT/MECHANISM</u>	<u>PROGRAM SIZE</u>
<b>Biological Control</b>		
Yellow Star Thistle <i>Centaurea solstitialis</i>	Rust Fungus <i>Puccinia jaceae</i>	No survival
	Seed Head Weevil <i>Bangasternus orientalis</i>	Wide spread
	Peacock Fly <i>Chaetorellia australis</i>	Wide spread
	False Peacock Fly <i>Chaetorellia syccinea</i>	Wide spread
	Seed Head Fly <i>Urophora sirunaseva</i>	Wide spread
	Hairy Weevil <i>Eustanopus villosus</i>	Wide spread
	Leafy Spurge <i>Euphorbia esula</i>	Flea Beetles <i>Apthona lacertosa</i>
	Longhorned Beetles <i>Oberea erythrocephala</i>	Maintained & survival 3 sites
Musk Thistle <i>Carduus nutans</i>	Seed Head Weevil <i>Rhinocyllus conicus</i>	Established
<b>Pest Eradication</b>		
Noxious Weeds	Herbicides/Mechanical	862 sites
Roadside Control	Herbicides	917 miles
<b>Pest Detection</b>		
Gypsy Moth	330 traps	Throughout county
Japanese Beetle	5 traps	Urban areas
European Pine Shoot Moth	5 traps	Throughout county
Kaphra Beetle	20 traps	Throughout county
Light Brown Apple Moth	330 traps	Throughout county
<b>Pest Exclusion</b>		
United Parcel Service	330 shipments inspected	
Nursery stock and seed	109 shipments inspected	
Nursery Stock Field Inspection	1,932 acres inspected	



Perennial Pepperweed at Tulelake National Refuge

## SUMMARY

	2004	2005	2006	2007	2008
Field Crops	\$ 56,299,365	\$ 61,744,953	\$ 65,870,120	\$ 65,868,219	\$ 89,153,766
Seed Crops	\$ 1,552,500	\$ 1,552,500	\$ 1,130,500	\$ 3,754,900	\$ 3,125,000
Livestock	\$ 32,195,637	\$ 24,109,130	\$ 22,601,110	\$ 24,528,613	\$ 21,476,217
Vegetable Crops	\$ 10,122,515	\$ 11,844,833	\$ 11,916,038	\$ 18,460,240	\$ 22,210,979
Milk and Wool	\$ 4,895,606	\$ 4,423,000	\$ 2,822,300	\$ 3,709,125	\$ 4,384,072
Nursery Crops	\$ 22,922,500	\$ 40,460,428	\$ 54,827,000	\$ 41,484,961	\$ 74,180,113
Organic	\$ 2,397,232	\$ 3,503,527	\$ 4,200,069	\$ 11,575,278	\$ 17,404,499
Timber	\$ 51,565,369	\$ 47,567,015	\$ 47,924,733	\$ 59,343,592	\$ 27,042,757
<b>GRAND TOTAL</b>	<b>\$ 181,950,724</b>	<b>\$ 195,205,386</b>	<b>\$ 211,291,870</b>	<b>\$ 228,724,928</b>	<b>\$ 258,977,403</b>

### 2007 & 2008 Siskiyou County Agriculture Production



Spotted Knapweed

