



# Siskiyou County

Crop & Livestock Report  
2010



**A note from the Agricultural Commissioner:**

Gold first brought settlers to Siskiyou County, but agriculture is what has kept them here. Water has recently become a more essential part of life in Siskiyou County and the entire state of California. The right to use water for irrigation increases land value and production. This right seems more vulnerable now than in the last hundred and fifty years.

In Scott Valley, streams flow from the mountains into the deep gravelly soil where large quantities of water is retained as ground water. Some streams are diverted for irrigation as authorized by water rights dating back into the 1850's, but most of the irrigation water is pumped from the huge groundwater basin. The use of diverted surface water and ground water for irrigation in Scott Valley and Shasta Valley is now being challenged in court. In eastern Siskiyou County the agricultural industry has already been impacted by a judicial decision to maintain minimum flows in the Klamath River which has limited available irrigation water in the Tulelake/Klamath Basin area.

In California, a decreased supply of water for agricultural usage has resulted from the mitigation of impact to endangered species and increased demand for urban usage. As a result, many thousands of acres of prime agricultural land have been left idle impacting schools, towns and the State economy. In the near future, it will be the responsibility of our court system to decide how to balance the use of available water in California. One thing seems certain at this point, the agricultural, environmental, and urban demand for water exceeds the available supply. Decreased water for agriculture will impact our ability to produce for a growing population, further impacting our economic stability and making our country more reliant on foreign countries for our food.

**SISKIYOU COUNTY  
DEPARTMENT OF AGRICULTURE**

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

**YEAR ENDING DECEMBER 31, 2010**

**BOARD OF SUPERVISORS**

<b>Jim Cook</b>	<b>District 1</b>
<b>Ed Valenzuela</b>	<b>District 2</b>
<b>Michael Kobseff</b>	<b>District 3</b>
<b>Grace Bennet</b>	<b>District 4</b>
<b>Marcia H. Armstrong</b>	<b>District 5</b>

**CHIEF ADMINISTRATIVE OFFICER  
Brian McDermott**



Irrigating Potatoes in Tulelake



**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

**Air Pollution Control Officer**  
Patrick J. Griffin

**Assistant Agricultural Commissioner/Sealer**  
Greg Herman

**Assistant Air Pollution Control Officer**  
Eldon Beck

**Deputy Ag Commissioners/Sealers**  
Jodi Aceves  
Carolyn Gordon  
Larry Hicks  
James E. Smith

**Air Pollution Specialists**  
Eric Olson

**Vegetation Control Supervisor**  
Randy Casson

**Geographical Information Systems Specialist**  
Paul McCanna

**Agricultural & Standards Technician**  
Bob Kirby

**Wildlife Services Officer**  
Scott Stiles

**Administrative Services Staff**  
Sherry Lawson, Fiscal Technician  
Tara Beck-Martin, Fiscal Technician

**Animal Control**  
Ronald Fisher, Chief AC Officer  
Terry Layton, AC Officer  
Dayna Ferrier, Shelter Technician

## GENERAL COUNTY INFORMATION

County Seat	Yreka
Population (2001)	44,301
Total appraised value (2010)	\$4,340,595,136
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	



Photo Courtesy of Dan Chin, Wong Potatoes



Photo Courtesy of Dan Chin, Wong Potatoes

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

## CLIMATOLOGICAL DATA

	Elev. in feet	32° Grow Season in days	28° Grow Season in days	F° Mean Temp.		F° Extreme Temp.		Annual Precip.	Annual Snowfall
				Jan.	July	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

## JANUARY 1 - INVENTORIES OF LIVESTOCK AND POULTRY

	Jan. 1 2006	Jan. 1 2007	Jan. 1 2008	Jan. 1 2009	Jan. 1 2010
Cattle and calves (all)	60,000	62,000	64,000	62,000	53,000
Milk cows 2 years and over	1,400	1,000	1,000	1,000	900
Dairy heifers on feed	1,800	1,800	1,800	1,800	1,710
Sheep and lambs	4,500	4,600	4,550	4,550	4,459
Goats	2,600	2,800	3,000	3,000	2,910
Hogs and pigs (all)	600	500	450	450	410
Horses and mules (all)	13,000	13,000	12,500	12,500	12,500
Hens and pullets of laying age	600	600	600	600	600

### MILK and WOOL

Item	Year	Production	Unit	Value per Unit	Value Total
Milk (Market)	2010	312,400	Cwt	\$ 16.50	\$ 5,154,600
	2009	258,500	Cwt	\$ 15.00	\$ 3,877,500
	2008	264,500	Cwt	\$ 16.50	\$ 4,364,250
Wool	2010	20,520	Lb	\$ 1.25	\$ 25,650
	2009	18,000	Lb	\$ 0.75	\$ 13,500
	2008	18,020	Lb	\$ 1.10	\$ 19,822
TOTAL	2010				\$ 5,180,250

### LIVESTOCK

	Year	Production		Unit	Value	
		Per Head	Live Weight		Per Unit	Total
Bulls	2010	1000	15,000	Cwt	\$ 72.00	\$ 1,080,000
	2009	960	96,000	Cwt	\$ 64.80	\$ 6,220,800
	2008	1,150	115,000	Cwt	\$ 60.00	\$ 6,900,000
Cows	2010	8,460	101,520	Cwt	\$ 54.90	\$ 5,573,448
	2009	8,460	101,520	Cwt	\$ 42.80	\$ 4,345,056
	2008	8,460	101,520	Cwt	\$ 51.00	\$ 5,177,520
Steers & Heifers	2010	18,540	130,000	Cwt	\$ 96.40	\$ 12,532,000
	2009	20,000	130,000	Cwt	\$ 84.60	\$ 10,998,000
	2008	21,600	140,400	Cwt	\$ 98.70	\$ 13,857,480
Sheep	2010	1,320	2,640	Cwt	\$ 45.60	\$ 120,384
	2009	1,320	2,640	Cwt	\$ 31.10	\$ 82,104
	2008	1,320	2,640	Cwt	\$ 28.30	\$ 74,712
Lambs	2010	7,172	7,889	Cwt	\$ 106.00	\$ 836,234
	2009	7,712	8,483	Cwt	\$ 88.70	\$ 752,442
	2008	7,712	8,483	Cwt	\$ 97.90	\$ 830,486
Misc. Poultry & Livestock*	2010				\$	\$ 314,000
	2009				\$	\$ 294,000
	2008				\$	\$ 294,000
TOTAL	2010				\$	\$ 20,456,066
	2009				\$	\$ 22,692,402
	2008				\$	\$ 27,134,198

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

Note: Bull weight corrected to 1500 lb average.

# FIELD CROPS

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Alfalfa Hay	2010	38,095	5.25	199,999	Ton	\$ 160.00	\$ 31,999,800
	2009	44,886	6.50	291,757	Ton	\$ 120.00	\$ 35,010,840
	2008	54,327	5.25	285,217	Ton	\$ 200.00	\$ 57,043,400
Other Hay	2010	10,746	4.00	42,984	Ton	\$ 135.00	\$ 5,802,840
	2009	16,691	4.00	66,762	Ton	\$ 80.00	\$ 5,340,960
	2008	19,151	3.50	67,029	Ton	\$ 150.00	\$ 10,054,350
Oats	2010	739	2.50	1,848	Ton	\$ 150.00	\$ 277,125
	2009	1,158	2.50	28,895	Ton	\$ 150.00	\$ 4,334,250
	2008	764	2.25	1,719	Ton	\$ 175.00	\$ 300,825
Barley	2010	5,742	2.75	15,791	Ton	\$ 145.00	\$ 2,289,623
	2009	4,997	2.75	13,741	Ton	\$ 155.00	\$ 2,129,855
	2008	4,307	2.75	11,844	Ton	\$ 145.00	\$ 1,717,380
All Wheat	2010	10,458	3.00	31,374	Ton	\$ 190.00	\$ 5,961,060
	2009	13,533	3.50	47,366	Ton	\$ 185.00	\$ 8,762,710
	2008	14,577	3.25	47,375	Ton	\$ 225.00	\$ 10,659,375
Rye/Triticale	2010	3,386	1.75	5,926	Ton	\$ 195.00	\$ 1,155,473
	2009	2,562	2.50	6,405	Ton	\$ 240.00	\$ 1,537,200
	2008	2,310	2.50	5,775	Ton	\$ 240.00	\$ 1,386,000
Pasture irrigated	2010	75,000			Acre	\$ 75.00	\$ 5,625,000
	2009	75,000			Acre	\$ 75.00	\$ 5,625,000
	2008	75,000			Acre	\$ 40.00	\$ 3,000,000
Pasture non-irrigated	2010	145,000			Acre	\$ 15.00	\$ 2,175,000
	2009	145,000			Acre	\$ 15.00	\$ 2,175,000
	2008	145,000			Acre	\$ 13.00	\$ 1,885,000
Rangeland	2010	445,000			Acre	\$ 3.00	\$ 1,335,000
Pasture	2009	445,000			Acre	\$ 3.00	\$ 1,335,000
	2008	445,000			Acre	\$ 3.00	\$ 1,335,000
Mint	2010	1,172	82.00	96,104	Lb	\$ 22.00	\$ 2,114,288
	2009	1,341	85.00	113,985	Lb	\$ 18.00	\$ 2,051,730
	2008	1,079	83.00	89,557	Lb	\$ 17.00	\$ 1,522,469
Misc. Crops*	2010						\$ 250,000
	2009						\$ 250,000
	2008						\$ 250,000
<b>Total Field Crops</b>	2010	735,338					\$ 58,985,208
	2009	750,168					\$ 68,552,545
	2008	752,074					\$ 89,153,799

## DRYLAND ACRES

Triticale	2010	397	2.00	794	Ton	\$ 250.00	\$ 198,500
Alfalfa	2010	2,182	1.50	3,273	Ton	\$ 160.00	\$ 523,680
Barley	2010	12	1.25	15	Ton	\$ 140.00	\$ 2,100
Wheat	2010	544	1.00	544	Ton	\$ 160.00	\$ 87,040
Forage Hay	2010	449	1.25	561	Ton	\$ 85.00	\$ 47,706
Total Dryland		3,584					\$ 859,026
Total All							\$ 59,844,234

\*Stubble pasture, straw and silage, wild rice, forage mix.

## SEED CROPS

Crop	Year	Harvested Acreage	Production			Value		
			Per Acre	Total	Unit	Per Unit	Total	
Potatoes	2010	40	350	14000	Cwt	\$ 13.75	\$ 192,500	
	2009	0				\$	-	
	2008	0				\$	-	
Barley (all)	2010	0				\$	-	
	2009	400	2.60	1,040	Ton	\$ 300.00	\$ 312,000	
	2008	1000	2.60	2,600	Ton	\$ 700.00	\$ 1,820,000	
Oats (all)	2010	0				\$	-	
	2009	100	2.00	200	Ton	\$ 185.00	\$ 37,000	
	2008	300	2.00	600	Ton	\$ 550.00	\$ 330,000	
Rye	2010	750	0.50	375	Ton	\$ 300.00	\$ 112,500	
	2009	750	0.50	375	Ton	\$ 300.00	\$ 112,500	
	2008	200	1.00	200	Ton	\$ 750.00	\$ 150,000	
Wheat (all)	2010	75	4.00	300	Ton	\$ 260.00	\$ 78,000	
	2009	350	3.00	1,050	Ton	\$ 195.00	\$ 204,750	
	2008	600	2.50	1,500	Ton	\$ 550.00	\$ 825,000	
TOTAL	2010					\$	383,000	
	2009					\$	666,250	
	2008					\$	3,125,000	

## FALLOWED ACRES

Soil Fume/Preplant	2010	4,486	acres
Rotational/IPM	2010	6,744	acres
Water Delivery Cutoff	2010	6,502	acres
Tulelake Irrigation District	2010	26,000	acres

## TIMBER

Year	Production / Million Board Feet	Value
2010	188,750	\$ 22,975,800
2009	153,622	\$ 28,207,624
2008	147,278	\$ 27,042,757
2007	246,141	\$ 59,343,592
2006	198,832	\$ 47,924,733



# ORGANIC FARMS

<b>Crop</b>	<b>Year</b>	<b>Total</b>	<b>Units</b>	<b>Value</b>
Fruit & Nuts*	2010	250	Acres	\$ 10,706,969
	2009	36	Acres	\$ 288,600
Strawberry	2010	8	Acres	\$ 168,000
	2009		Acres	\$ -
Fallow	2010	30	Acres	\$ -
	2009	4,212	Acres	\$ -
Onions	2010	0	Acres	\$ -
	2009	1	Acres	\$ 2,000
Potato	2010	102	Acres	\$ 408,000
	2009	102	Acres	\$ 255,000
Asparagus	2010	2	Acres	\$ 4,000
	2009	12	Acres	\$ 6,000
Field/Seed Fallow	2010	29	Acres	\$ -
	2009		Acres	\$ -
Alfalfa	2010	5,250	Acres	\$ 5,250,000
	2009	7,866	Acres	\$ 7,669,350
Grain/Pasture Forage/Hay	2010	855	Acres	\$ 384,750
	2009	3,427	Acres	\$ 2,159,010
Barley	2010	3,261	Acres	\$ 255,000
	2009	2,764	Acres	\$ 1,026,135
Oats	2010	689	Acres	\$ 139,200
	2009	702	Acres	\$ 263,250
Rye	2010	841	Acres	\$ 278,661
	2009	800	Acres	\$ 252,300
Greenhouse Products	2010	20,000	Sq Ft	\$ 750,000
	2009	20,000	Sq Ft	\$ 750,000
Rye hay	2010	1,400	Acres	\$ 112,000
	2009	1,581	Acres	\$ 126,480
Wheat	2010	368	Acres	\$ 382,720
	2009	2,765	Acres	\$ 1,841,613
Pasture (irrigated)	2010	22,959	Acres	\$ 1,659,477
	2009	6,750	Acres	\$ 168,750
Rangeland	2010	4,902	Acres	\$ 63,726
	2009	12,560	Acres	\$ 163,280
Oil Crops	2010	85	Acres	\$ 168,750
	2009	85	Acres	\$ 278,661
Cattle	2010	566	Head	\$ 589,583
	2009	1,500	Head	\$ 1,500,000
Nectarine	2010	1	Acres	\$ 1,488
	2009			
Peach	2010	5	Acres	\$ 7,886
	2009			
Winter Squash	2010	4	Acres	\$ 11,000
	2009			
Garlic	2010	2	Acres	\$ 8,000
	2009			
Apples	2010	19	Acres	\$ 27,528
	2009	25		\$ 37,200
Misc Crops > 1 Acre	2010	9	Acres	\$ 12,900
	2009			
<b>Totals**</b>				<b>\$ 21,389,639</b>

\*Acres included that were in production previously.

\*\*Total is for 2010, and is first year for this record.

## NURSERY

Item	Year	Quantity Sold		Per Unit	Total
		By Producers	Unit		
Christmas Trees	2010	5,550	Each	\$ 10.00	\$ 55,500
	2009	5,000	Each	\$ 10.00	\$ 50,000
	2008	5,000	Each	\$ 10.00	\$ 50,000
Seasonal Greenery	2010	15,000	Each	\$ 12.50	\$ 187,500
	2009	15,000	Each	\$ 12.50	\$ 187,500
	2008	15,000	Each	\$ 13.50	\$ 202,500
Strawberry Plants	2010	603,046	1000/bundle	\$ 108.00	\$ 65,128,968
	2009	692,000	1000/bundle	\$ 100.00	\$ 69,200,000
	2008	794,475	1000/bundle	\$ 85.50	\$ 67,927,613
Raspberry Plants	2010	120,000	Roots lbs	\$ 10.00	\$ 1,200,000
		1,444	Canes/1000	\$ 650.00	\$ 938,600
Misc. Nursery Products*	2010				\$ 6,000,000
	2009				\$ 6,000,000
	2008				\$ 6,000,000
TOTAL	2010				\$ 73,510,568
	2009				\$ 75,437,500
	2008				\$ 74,180,113

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

## FRUIT & VEGETABLE CROPS

Crop	Year	Harvested Acreage	Production			Value	
			Per Acre	Total	Unit	Per Unit	Total
Potatoes	2010	2,249	550	1,236,950	Cwt.	\$ 10.50	\$ 12,987,975
	2009	3,587	500	1,793,500	Cwt.	\$ 5.00	\$ 8,967,500
	2008	4,148	465	1,928,820	Cwt.	\$ 8.05	\$ 15,527,001
Dry Onions	2010	566	500	283,000	Cwt.	\$ 6.75	\$ 1,910,250
	2009	1,885	502	946,270	Cwt.	\$ 6.50	\$ 6,150,755
	2008	1,778	484	860,552	Cwt.	\$ 6.30	\$ 5,421,478
Horseradish	2010	170	4.5	765	Ton	\$ 600.00	\$ 459,000
	2009	421	2.5	1,056	Ton	\$ 500.00	\$ 528,000
	2008	250	2.5	625	Ton	\$ 500.00	\$ 312,500
Misc. Other Crops*	2010						\$ 450,000
	2009						\$ 950,000
	2008						\$ 950,000
TOTAL	2010						\$ 15,807,225
	2009						\$ 16,596,255
	2008						\$ 22,210,979

\*Apples, beans, berries, cherries, endive, garlic, herbs, large gardens, melons, mushrooms, onions, peaches, pears, squash, sweet corn, tomatoes, wine grapes.  
Raspberry nursery plants removed from this category.

# SUSTAINABLE AGRICULTURE

## Biological Control

Yellow Star Thistle  
*Centaurea solstitialis*



*Yellow Thistle Bud Weevil*

## AGENT/MECHANISM

Seed Head Weevil  
*Bangasternus orientalis*  
Peacock Fly  
*Chaetorellia australis*  
False Peacock Fly  
*Chaetorellia syccinea*  
Seed Head Fly  
*Urophora sirunaseva*  
Hairy Weevil  
*Eustanopus villosus*

## PROGRAM SIZE

Wide spread  
Wide spread  
Wide spread  
Wide spread  
Wide spread  
Wide spread

Leafy Spurge  
*Euphorbia esula*

Flea Beetles  
*Apthona lacertosa*  
Longhorned Beetles  
*Oberea erythrocephala*

Maintained &  
survival 3 sites  
Established &  
survival 3 sites

Musk Thistle  
*Carduus nutans*

Seed Head Weevil  
*Rhinocyllus conicus*

Established

Dalmation Toadflax  
*Linaria genistifolia*

Toadflax Stem Weevil  
*Meeinus janthinus*

Established

## Pest Eradication

Noxious Weeds  
Roadside Control

Herbicides/Mechanical  
Herbicides

1126 sites  
917 miles

## Pest Detection

Gypsy Moth 330 traps  
Japanese Beetle 5 traps  
European Pine Shoot Motl 5 traps  
Kaphra Beetle 20 traps  
Light Brown Apple Moth 13 traps

Throughout county  
Urban areas  
Throughout county  
Throughout county  
Butte Valley



*Toadflax Stem Weevil*

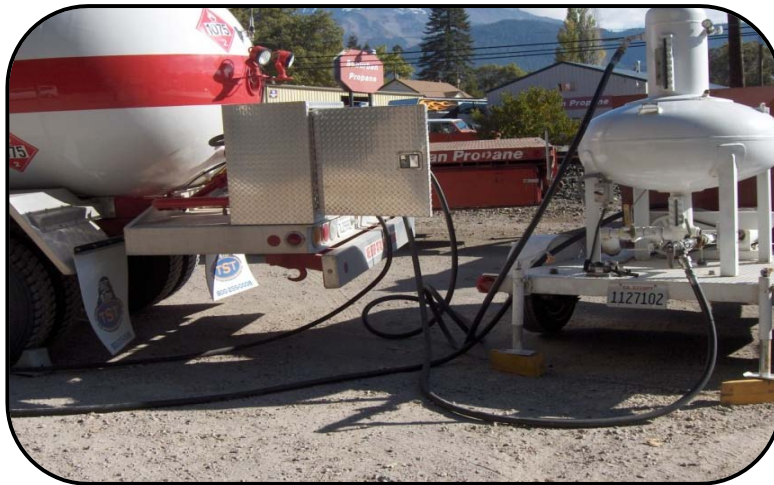
The Toadflax Stem Weevil, an effective biological control agent, arrived in Siskiyou County on its own in 2009. It was discovered in 2011 at Mt. Dome in Butte Valley, California.

# WEIGHTS AND MEASURES

## Primary Functions

- Ensuring fair competition for industry and accurate value comparison for consumers
- Ensuring the accuracy of commercial weighing and measuring devices
- Verifying the quantity of both bulk and packaged commodities
- Enforcing the quality, advertising and labeling standards for most petroleum products

<u>DEVICE TYPE</u>	<u>NUMBER</u>
Gas Dispensers	790
Retail Other	5
Vehicle Meters	52
Computing Scales	22
Counter Scales	33
Hanging Scales	16
Meat Beam	5
Platform Scales	24
Hoppers	10
Livestock Scales	70
Railway Scales	2
Vehicle Scales	37
LPG Meters	40
Vapor Meters	1,128
Electric Meters	356
Wire/Cord	20



LPG Prover

Photo Courtesy of Larry Hicks, Deputy Sealer

### SUMMARY

	2007	2008	2009	2010
Field Crops	\$ 65,868,219	\$ 89,153,799	\$ 68,552,545	\$ 58,985,208
Seed Crops	\$ 3,754,900	\$ 3,125,000	\$ 666,250	\$ 383,000
Livestock	\$ 24,528,613	\$ 27,134,198	\$ 22,692,402	\$ 20,456,066
Vegetable Crops	\$ 18,460,240	\$ 22,210,979	\$ 16,596,255	\$ 15,807,225
Milk and Wool	\$ 3,709,125	\$ 4,384,072	\$ 3,891,000	\$ 5,180,250
Nursery Crops	\$ 41,484,961	\$ 74,180,113	\$ 75,437,500	\$ 73,510,568
Organic	\$ 11,575,278	\$ 17,404,499	\$ 16,635,329	\$ 21,389,639
Timber	\$ 59,343,592	\$ 27,042,757	\$ 28,207,624	\$ 22,975,800
<b>GRAND TOTAL</b>	<b>\$ 228,724,928</b>	<b>\$ 264,635,417</b>	<b>\$ 232,678,905</b>	<b>\$ 218,687,756</b>

2008 -2010 Siskiyou County Agriculture Production

