

2013

Lassen County



Annual Crop & Livestock Report

Lassen County Department of Agriculture

Our Mission

The Agriculture Commissioner promotes Lassen County agriculture production by protecting it from injurious pests & diseases, to ensure the safety and wholesomeness of food and other products for the consumer, and to build consumer and business confidence in the market place through the maintenance of equity.

PERSONNEL

Joe Moreo, *Agriculture Commissioner*

Craig Hemphill, *Deputy Sealer*

Tina Hilburn, *Deputy Agriculture Commissioner*

Cheryl Lauritsen, *Biologist*

Kim Olson, *Weed Spray Foreman*

Robin Skelton-Snipes, *Seasonal*

Todd Anderson, *Seasonal*

Melinda Parks, *Seasonal*

Tom Teter, *Seasonal*

Isaiah Jimenez, *Seasonal*

Lassen County Board of Supervisors

Jack Hansen, Chairman, District 5

Bob Pyle, District 1

Jim Chapman, District 2

Larry Wosick, District 3

Aaron Albaugh, District 4

County of Lassen



Department of Agriculture

•AGRICULTURE

•WEIGHTS & MEASURES

•PREDATORY ANIMAL CONTROL

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November 14, 2014

Karen Ross, Secretary
California Department of Food and Agriculture
And
The Honorable Lassen County Board of Supervisors

Pursuant to Section 2272 & Section 2279 of the California Food and Agriculture Code, I am pleased to submit the 2013 Annual Crop Report for Lassen County.

This report lists gross production and value of products and does not reflect net income to the producer. The value of agricultural products produced in Lassen County for 2013 was \$124,021,851. This is a 22% increase over 2012 brought about by another increase in wild rice acreage along with higher beef and hay prices.

I wish to express my sincere appreciation to the members of my staff for their efforts in collecting and compiling this report and to the many farmers, ranchers and governmental agencies who provided the information which made this report possible.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Joe Moreo", is written over a horizontal line.

Joseph A. Moreo, Agricultural Commissioner

FIELD CROPS

CROP	YEAR	PRODUCTION			VALUE PER UNIT	PRODUCTION TOTAL	TOTAL VALUE
		ACRES HARVESTED	PER ACRE	UNIT			
Hay, Alfalfa	2013	28,000	4.40	Ton	\$240.00	123,200	\$29,568,000.00
	2012	28,680	3.50	Ton	210.00	100,380	21,079,800.00
Hay, Grain	2013	10,000	2.30	Ton	157.69	23,000	3,626,870.00
	2012	8,354	2.60	Ton	136.00	21,720	2,953,920.00
*Hay, Other	2013	29,000	4.00	Ton	228.33	116,000	26,486,280.00
	2012	31,025	3.57	Ton	197.00	111,690	22,002,930.00
Wheat	2013	2,800	2.40	Ton	220.00	6,720	1,478,400.00
	2012	2,779	1.10	Ton	227.46	3,057	695,345.00
**Pasture (irrigated)	2013	23,000	6.00	AUM	35.00	138,000	4,830,000.00
	2012	23,000	6.00	AUM	35.00	138,000	4,830,000.00
**Pasture (non-irrigated)	2013	22,000	2.00	AUM	15.00	8,777	131,655.00
	2012	22,000	2.00	AUM	15.00	8,777	131,655.00
**Pasture (range)	2013	1,291,253	0.10	AUM	1.35	129,125	174,319.00
	2012	1,291,253	0.10	AUM	1.35	129,125	174,319.00
**Aftermath (stubble-all)	2013	20,000	1.00	AUM	23.00	20,000	460,000.00
	2012	20,000	1.00	AUM	23.00	20,000	460,000.00
Straw	2013	225	1.00	Ton	80.00	225	18,000.00
	2012	225	1.00	Ton	80.00	225	18,000.00
Total							66,773,524.00
							52,345,969.00

*Grass Alfalfa Mix, Grain Hay & Grass Hay

** 2012 figures corrected for accuracy



SEED, FRUIT, VEGETABLE AND NURSERY CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION PER ACRE	PRODUCTION UNIT	PRODUCTION TOTAL	VALUE PER UNIT	TOTAL VALUE
Wild Rice	2013	2109	1325	Lbs.	2,794,425	.71/green lb.	\$1,984,042.00
	2012	1709	1350	Lbs.	2,307,150	.72/green lb.	\$1,661,148.00
Misc. Crops (alfalfa seed, apples, asparagus, endive, garlic seed, peaches, mint, canola, safflower, blue-berries, watermelon, strawberries, misc. vegetables & greenhouse flowers)	2013						\$16,437,500.00
	2012						\$9,700,000.00
Total							\$18,421,542.00
							\$11,361,148.00

* Strawberries & Mint moved to misc. crops due to 3 producers or less

LIVESTOCK & POULTRY

COMMODITY	YEAR	# OF HEAD	LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Cows	2013	6,000	60,000	Cwt.	\$90.00	\$5,400,000.00
	2012	6,064	60,640	Cwt.	65.00	\$3,941,600.00
Calves	2013	5,200	27,300	Cwt.	168.56	4,601,688.00
	2012	5,093	26,685	Cwt.	160.39	4,280,007.00
Heifers	2013	6,254	46,905	Cwt.	128.06	6,006,654.00
	2012	6,059	45,445	Cwt.	123.09	5,593,825.00
Steers	2013	8,500	63,750	Cwt.	132.00	8,415,000.00
	2012	8,415	63,113	Cwt.	128.62	8,117,594.00
Bulls	2013	1,100	19,250	Cwt.	90.00	1,732,500.00
	2012	1,164	20,370	Cwt.	83.24	1,695,599.00
Sheep/Lambs	2013	10,000	12,000	Cwt.	94.00	1,128,000.00
	2012	10,240	12,288	Cwt.	108.45	1,332,634.00
Misc. Livestock	2013					64,000.00
(bison, pheasant, goats, chickens, alpaca, hogs)	2012					63,335.00
Total	2013					\$27,347,842.00
	2012					\$25,024,594.00

*Hog totals for 2012 are included in the Misc. Livestock category



LIVESTOCK PRODUCTS		
COMMODITY	YEAR	TOTAL
Includes:	2013	\$129,000
wool, apiary, eggs, rabbits	2012	\$129,000
Total	2013	\$129,000
	2012	\$129,000



Photo courtesy of Sierra Pacific Industries

TIMBER HARVEST

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE	TOTAL
*Saw Timber	2013	59,995	NET MBF	\$189.18	\$11,349,943
	2012	74,433	NET MBF	\$174.62	\$12,997,465
Total	2013	59,995	NET MBF	\$189.18	\$11,349,943
	2012	74,433	NET MBF	\$174.62	\$12,997,465

* Figures provided by the Timber Tax Division, California State Board of Equalization

SUMMARY OF PRODUCTION VALUES

COMMODITY GROUP

2013

Field Crops	\$66,773,524
Seed, Fruit, Vegetable & Nursery	18,421,542
Livestock & Poultry	27,347,842
Livestock & Poultry Products	129,000
Timber Harvest	11,349,943

Total \$124,021,851

TOP LASSEN COUNTY CROPS

2013 RANK	COMMODITY	VALUE	2012 RANK
1	All Hay	\$59,681,150	1
2	Livestock	\$27,347,842	2
3	Misc. Nursery Crops	\$16,437,500	4
4	Timber	\$11,349,943	3
5	Pastureland	\$4,872,625	5
6	Wild Rice	\$1,661,148	6
7	Livestock Products	\$129,000	7

FIVE YEAR SUMMARY OF PRODUCTION VALUES

YEAR	FIELD CROPS	SEED, FRUIT, VEGETABLE & NURSERY	LIVESTOCK & POULTRY	LIVESTOCK PRODUCTS	TIMBER HARVEST	TOTAL
2013	66,773,524	18,421,542	27,347,842	129,000	11,349,943	\$124,021,851
2012	52,082,620	11,378,673	25,024,594	129,000	12,997,465	\$101,612,352
2011	55,465,769	10,000,000	23,943,336	129,000	9,593,180	\$101,710,856
2010	35,160,330	14,800,129	19,596,775	129,000	4,686,859	\$74,500,023
2009	38,617,632	13,501,907	13,551,355	128,000	3,292,606	\$69,091,500

10 YEAR COMPARATIVE PRODUCTION VALUES

2013	\$124,021,851.00
2012	\$101,612,352.00
2011	\$101,710,856.00
2010	\$74,500,023.00
2009	\$69,091,500.00
2008	\$91,424,832.00
2007	\$65,633,696.00
2006	\$73,084,152.00
2005	\$67,549,795.00
2004	\$60,996,895.00

ANNUAL SUSTAINABLE AGRICULTURE REPORT 2013

ORGANIC FARMING STATISTICS

Alfalfa Hay	1542	Acres Certified
Asparagus	24.5	Acres Certified
Endive	38	Acres Certified
Pasture & Rangeland	5,350	Acres Certified
Cattle	2028	# of Head Certified

CERTIFIED FARMER'S MARKET

Susanville is the home of Lassen County's only Certified Farmer's Market. Hosted by the Lassen Land and Trails Trust, it is held on Saturday mornings from 8-12, June through October.



Photos courtesy of Lassen Land and Trails Trust

PEST MANAGEMENT



Dalmatian toadflax

Mecinus janthinus is a stem boring weevil assisting in the control of Dalmatian toadflax. The adult weevil feeds on the foliage of the plant and the larval form feeds on the vascular tissues which reduces flowering and causes wilting of shoots.

Photo courtesy of California Department of Food and Agriculture

<u>Pest Eradication</u>	<u>Method of Control</u>	<u>Net Acres</u>
Scotch thistle	Chemical/Mechanical	176.46
Dalmatian toadflax	Chemical/Mechanical/Biological	10.14
Spotted knapweed	Chemical/Mechanical	15.66
Diffuse knapweed	Chemical	0.15
Squarrose knapweed	Chemical	48.25
Leafy spurge	Chemical	0.07
Rush skeletonweed	Chemical	1.08
Musk thistle	Chemical	1.78
Russian knapweed	Chemical/Biological	30.02
Yellow starthistle	Chemical/Mechanical	70.26
Tall whitetop	Chemical	31.49
Mediterranean sage	Chemical	21.84
Hoary cress	Chemical	4.71
Puncturevine	Chemical	43.78
Canada thistle	Chemical	3.77
Wayleaf thistle	Chemical	0.13
Dyer's woad	Chemical	5.04
<u>Pest Exclusion</u>		
Exotic Pests and/or	Incoming plant material	100 Shipments
Target Pests	via UPS, Air, Truck or Mail	Inspected
<u>Pest Detection</u>		
Gypsy Moth	110 Traps in Lassen County	None Detected
Japanese Beetle	2 Traps in Lassen County	None Detected
Brown Marmorated Stink Bug	2 Traps in Lassen County	None Detected



The brown marmorated stink bug (*Halyomorpha halys*) was first found in Lassen County in 2012 at Sierra Army Depot. It was brought in on military vehicles shipped from the east coast. It is native to Asia and first arrived in Pennsylvania in 1996. It is a significant agricultural pest with no apparent natural predators.

Photo courtesy of Wikipedia



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