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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Lassen County

2005-2009

**LASSEN COUNTY  
DEPARTMENT OF AGRICULTURE**

**KENNETH R. SMITH  
AGRICULTURAL COMMISSIONER**

**\*\*\* \*\***

**ANNUAL CROP REPORT  
FOR YEAR 2005**

**\*\*\* \*\***

**SECRETARY, CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE**

**MR. A.G. KAWAMURA**

**LASSEN COUNTY BOARD OF SUPERVISORS**

**BOB PYLE, CHAIRMAN**

**DISTRICT 1**

**JIM CHAPMAN**

**DISTRICT 2**

**LLOYD KEEFER**

**DISTRICT 3**

**BRIAN DAHLE**

**DISTRICT 4**

**JACK HANSON**

**DISTRICT 5**

**\*\* Cover photo by Ed Williams, CDFA \*\***

July 1, 2006

A.G. KAWAMURA, SECRETARY  
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

THE HONORABLE BOARD OF SUPERVISORS OF LASSEN COUNTY

HONORABLE DIRECTOR AND BOARD MEMBERS:

**Pursuant to Section 2279 of the California Agricultural Code, the 2004 Crop report for Lassen County is respectfully submitted.**

**The values represented in this report are gross receipts of producers, and do not reflect costs of production, marketing or transportation. No attempt is made to reflect the net income of producers.**

**The gross dollar value of all agricultural commodities, including timber production, was \$60,996,865 for 2004. It should be noted that gross value of agricultural commodities does not indicate total value to the economy. A 3X multiplying factor of dollars entering the economy would make Lassen County's agricultural production contribution total \$182,990,595.00.**

**Overall value was up 10.5% from 2003. Field Crop and livestock values increased due to higher prices and Nursery Crop values decreased due to fewer number of planted acres. Livestock values increased 14.5%. Timber revenue increased 41% due to increase in harvest. Drought conditions have lessened but still persist, especially in eastern Lassen County.**

**I would like to acknowledge the cooperation of Lassen County farmers and ranchers and other agencies that provided information for this report. I would also like to acknowledge the effort of Craig Hemphill who compiled this year's crop report.**

**Respectfully submitted,**

**Kenneth R. Smith  
Agricultural Commissioner**

**FIELD CROPS: ACREAGE, PRODUCTION AND VALUE**

CROP	YEAR	HARVESTED ACREAGE	PER ACRE	PRODUCTION		VALUE	
				TOTAL	UNIT	PER UNIT	TOTAL
Hay, alfalfa	2005						
	2004	26,000	3.7	96,200	Ton	\$97.00	\$9,331,400
Hay, grain	2005						
	2004	8,500	2.2	18,700	Ton	85.00	1,589,500
Hay, other	2005						
	2004	29,000	3.0	87,000	Ton	95.00	8,265,000
Barley	2005						
	2004	140	1.3	182	Ton	100.00	18,200
Oats	2005						
	2004	35	1.42	50	Ton	140.00	7,000
Rye	2005						
	2004	50	1.00	50	Ton	110.00	5,500
Wheat	2005						
	2004	1,500*	1.34	2,010	Ton	120.00	241,200
Pasture, irrigated	2005						
	2004	23,000	4.0	92,000	AUM	19.00	1,748,000
Pasture, nonirrigated	2005						
	2004	22,000	0.08	1,760	AUM	14.00	24,640
Pasture, range	2005						
	2004	200,000	0.04	8,000	AUM	12.00	96,000
Aftermath (All)	2005						
	2004	20,000	0.90	18,000	AUM	17.00	306,000
Straw	2005						
	2004	150	1.0	150	Ton	50.00	7,500
Total	2005						\$21,639,940
	2004						\$21,639,940

\* Figures provided by California Agricultural Statistics Service

**SEED, FRUIT, VEGETABLE AND NURSERY CROPS:  
ACREAGE, PRODUCTION AND VALUE**

CROP	YEAR	HARVESTED ACREAGE	PER ACRE	PRODUCTION		VALUE	
				TOTAL	UNIT	PER UNIT	TOTAL
Alfalfa Seed	2005						
	2004	160	475	76,000	Lbs.	\$1.40	\$106,400
Strawberry Plants	2005						
	2004	256	370	94,720	Pl/M*	67.00/M	6,346,240
Garlic Seed	2005						
	2004	225	160	36,000	Cwt.	13.00	468,000
Mint	2005						
	2004	1000	73	73,000	Lbs.	13.00	949,000
Wild Rice	2005						
	2004	170	1,600	272,000	Lbs.	0.40	108,800
Misc. crops (fresh strawberries, potatoes, onions, carrot seed, endive, cantaloupe seed, raspberry plants, greenhouse flowers, Christmas trees)	2005	---	---	---	---	---	1,000,000
	2004	---	---	---	---	---	1,000,000
Total	2005						
	2004						\$8,978,440

\* Plants in Units of 1,000

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**TIMBER HARVEST**

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE	TOTAL
Saw Timber	2005				
	2004	91,660*	Board Feet/M#	\$172.55/M	\$15,815,605
Misc. (posts, poles, fire wood, christmas trees)	2005				
	2004				500,000
Total	2005				
	2004				<u>\$16,315,605</u>

# 1000 Board Feet

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

**LIVESTOCK AND POULTRY: PRODUCTION AND VALUE**

COMMODITY	YEAR	NO. OF HEAD	PRODUCTION LIVEWEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cows	2005					
	2004	4,900	49,000	Cwt.	\$47.00*	\$2,303,000
Calves	2005					
	2004	4,000	18,000	Cwt.	111. 00*	1,998,000
Heifers	2005					
	2004	5,900	35,400	Cwt.	88.00	3,115,200
Steers	2005					
	2004	8,500	51,000	Cwt.	95.00	4,845,000
Bulls	2005					
	2004	1,100	19,250	Cwt.	58.00	1,116,500
Sheep/Lambs	2005					
	2004	4,000	4,800	Cwt.	90.00*	432,000
Hogs/Pigs	2005					
	2004	1,250	2,500	Cwt	49.00*	122,500
Misc. livestock	2005	---	---	---	---	30,000
	2004	---	---	---	---	30,000
Total	2005					
	2004					<hr/> \$13,962,200

\* Figures provided by California Agricultural Statistics Service

### LIVESTOCK PRODUCTS: PRODUCTION AND VALUE

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE	TOTAL
Includes: wool, apiary, rabbit, emu.	2005				\$125,000
	2004				\$125,000
Total	2005				\$125,000
	2004				\$125,000

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### LIVESTOCK INVENTORY JANUARY 1, 2005

COMMODITY	# HEAD JANUARY 1, 2005	# HEAD JANUARY 1, 2004
All Cattle/Calves	50,000*	49,000*
Beef Cows	27,000*	25,000*
Stock Sheep	3,000	3,000
Hogs/Pigs	300	300

\* Figures provided by California Agricultural Statistics Service



**SUMMARY OF  
PRODUCTION VALUES**

<b>COMMODITY GROUP</b>	<b>2005</b>	<b>2004</b>
Field Crops	\$21,639,940	\$19,257,970
Livestock - Poultry	13,962,200	12,187,455
Livestock-Poultry products	125,000	125,000
Seed, Fruit, Vegetable, Nursery	8,954,120	12,066,700
Timber Harvest	16,315,605	11,549,349
Total	\$60,996,865	\$55,186,474

**10-YEAR COMPARATIVE PRODUCTION VALUES**

2005	
2004	\$60,996,895
2003	\$55,186,474
2002	\$62,119,258
2001	\$58,858,424
2000	\$74,218,900
1999	\$65,062,380
1998	\$61,938,270
1997	\$68,464,400
1996	\$70,701,000

**TOP 10 CROPS**

<b>2005 RANK</b>	<b>COMMODITY</b>	<b>VALUE</b>	<b>2004 RANK</b>
<b>1</b>	<b>ALL HAY</b>	<b>\$19,185,900</b>	<b>1</b>
<b>2</b>	<b>TIMBER</b>	<b>16,315,605</b>	<b>3</b>
<b>3</b>	<b>LIVESTOCK</b>	<b>13,962,200</b>	<b>2</b>
<b>4</b>	<b>STRAWBERRY PLANTS</b>	<b>6,346,240</b>	<b>4</b>
<b>5</b>	<b>PASTURELAND</b>	<b>1,868,640</b>	<b>5</b>
<b>6</b>	<b>MISC. NURSERY FIELD CROPS</b>	<b>1,000,000</b>	<b>6</b>
<b>7</b>	<b>MINT</b>	<b>949,000</b>	<b>7</b>
<b>8</b>	<b>GARLIC SEED</b>	<b>468,000</b>	<b>8</b>
<b>9</b>	<b>AFTERMATH</b>	<b>306,000</b>	<b>9</b>
<b>10</b>	<b>WHEAT</b>	<b>241,200</b>	<b>10</b>

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**MILLION DOLLAR CROPS**

<b>ALL HAY-----</b>	<b>\$19,185,900</b>
<b>TIMBER_-----</b>	<b>16,315,605</b>
<b>LIVESTOCK-----</b>	<b>13,962,200</b>
<b>STRAWBERRY PLANTS-----</b>	<b>6,346,240</b>
<b>PASTURELAND-----</b>	<b>1,868,640</b>
<b>MISC. NURSERY FIELD CROPS-----</b>	<b>1,000,000</b>

**ANNUAL SUSTAINABLE AGRICULTURE REPORTING  
2005**

<b>PEST</b>	<b>AGENT/MECHANISM</b>	<b>SCOPE OF PROGRAM</b>
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**PEST ERADICATION**

Scotch Thistle	Chemical	406 acres
Musk Thistle	Chemical	3 acres
Squarrose Knapweed	Chemical	5 acres
Spotted Knapweed	Chemical/Mechanical	6 acres
Dalmation Toadflax	Chemical/Mechanical	3 acres
Yellowstar Thistle	Chemical/Biological	11 acres/ 11 site
Tall Whitetop	Chemical	185 acres
Diffuse Knapweed	Chemical	1 acre
Puncture Vine	Chemical	1.5 acres

**PEST EXCLUSION**

Exotic Pests And/or Target Pests	Incoming plant Material via UPS Air, Truck, Mail	100 shipments Inspected
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**PEST DETECTION**

Gypsy Moth	110 Traps in Lassen County	Non Detected
Japanese Beetle	2 Traps in Lassen County	None Detected

**ORGANIC FARMING STATISTICS**

Fruit-	5 acres certified
Vegetables-	81 acres certified
Herbs-	23 acres certified



**LASSEN COUNTY**  
**DEPARTMENT OF AGRICULTURE**

**PERSONNEL**

**KENNETH R. SMITH, AGRICULTURAL COMMISSIONER**  
**CRAIG A. HEMPHILL, SUPERVISING AG/WM INSPECTOR**  
**LYNNE M. TURNER, AGRICULTURAL BIOLOGIST**  
**DAN E. MCDONALD, BUILDING AND MAINTENANCE/ WEED SPRAY FOREMAN**

**LASSEN COUNTY  
DEPARTMENT OF AGRICULTURE**

**KENNETH R. SMITH  
AGRICULTURAL COMMISSIONER**

**\*\*\* \*\***

**ANNUAL CROP REPORT  
FOR YEAR 2006**

**\*\*\* \*\***

**SECRETARY, CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE**

**MR. A.G. KAWAMURA**

**LASSEN COUNTY BOARD OF SUPERVISORS**

**BRIAN DAHLE, CHAIRMAN**

**DISTRICT 4**

**BOB PYLE**

**DISTRICT 1**

**JIM CHAPMAN**

**DISTRICT 2**

**LLOYD KEEFER**

**DISTRICT 3**

**JACK HANSON**

**DISTRICT 5**

**July 1, 2007**

**A.G. KAWAMURA, SECRETARY  
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE**

**THE HONORABLE BOARD OF SUPERVISORS OF LASSEN COUNTY**

**HONORABLE DIRECTOR AND BOARD MEMBERS:**

Pursuant to Section 2279 of the California Agricultural Code, the 2006 Crop report for Lassen County is respectfully submitted.

The values represented in this report are gross receipts of producers, and do not reflect costs of production, marketing or transportation. No attempt is made to reflect the net income of producers.

The gross dollar value of all agricultural commodities, including timber production, was \$73,084,152 for 2006. It should be noted that gross value of agricultural commodities does not indicate total value to the economy. A 3X multiplying factor of dollars entering the economy would make Lassen County's agricultural production contribution total \$219,990,595.00.

Overall value was up 8 % from 2005.

I would like to acknowledge the cooperation of Lassen County farmers and ranchers and other agencies that provided information for this report. I would also like to acknowledge the effort of Craig Hemphill who compiled this year's crop report.

Respectfully submitted,

Kenneth R. Smith  
Agricultural Commissioner

**FIELD CROPS: ACREAGE, PRODUCTION AND VALUE**

CROP	YEAR	HARVESTED	PER ACRE	PRODUCTION		VALUE	
				TOTAL	UNIT	PER UNIT	TOTAL
		ACREAGE					
Hay, alfalfa	2006	26,500	4.5	119,250	Ton	\$128.00	\$15,264,000
	2005	26,500	4.1	108,650	Ton	\$120.00	\$13,038,000
Hay, grain	2006	8,500	2.5	21,250	Ton	100.00	2,125,000
	2005	8,500	2.5	21,250	Ton	95.00	2,018,750
Hay, other	2006	29,000	3.2	92,800	Ton	122.00	11,321,600
	2005	29,000	3.2	92,800	Ton	100.00	9,280,000
Barley	2006	200	1.75	350	Ton	140.00	49,000
	2005	250	1.5	375	Ton	100.00	37,500
Oats	2006	-----	-----	-----	-----	-----	-----
	2005	500*	1.50	750	Ton	140.00	105,000
Rye	2006	150	1.50	225	Ton	150.00	33,750
	2005	100	1.00	100	Ton	110.00	11,000
Wheat	2006	1,000*	1.38	1,380	Ton	130.00	179,400
	2005	2,200*	1.50	3,300	Ton	120.00	396,000
Pasture, irrigated	2006	23,000	6.0	138,000	AUM	22.00	3,036,000
	2005	23,000	5.6	128,800	AUM	20.00	2,576,000
Pasture, nonirrigated	2006	22,000	0.20	4,400	AUM	16.00	70,400
	2005	22,000	0.12	2,640	AUM	14.00	36,960
Pasture, range	2006	200,000	0.09	18,000	AUM	13.00	234,000
	2005	200,000	0.06	12,000	AUM	12.00	144,000
Aftermath (All)	2006	20,000	1.00	20,000	AUM	19.00	380,000
	2005	20,000	0.90	18,000	AUM	17.00	306,000
Straw	2006	225	1.0	225	Ton	80.00	18,000
	2005	200	1.0	200	Ton	50.00	10,000
Total	2006						\$32,711,150
	2005						\$27,959,210

\* Figures provided by California Agricultural Statistics Service



**SEED, FRUIT, VEGETABLE AND NURSERY CROPS:  
ACREAGE, PRODUCTION AND VALUE**

CROP	YEAR	HARVESTED ACREAGE	PER ACRE	PRODUCTION		VALUE	
				TOTAL	UNIT	PER UNIT	TOTAL
Alfalfa Seed	2006	260	650	169,000	Lbs	\$1.25	\$211,250
	2005	155	440	68,200	Lbs.	\$1.40	\$95,480
Strawberry Plants	2006	415	325	134,875	Pl/M*	72.00/M	9,711,000
	2005	302	320	96,640	Pl/M*	67.00/M	6,474,880
Garlic Seed	2006	166	160	26,560	Cwt.	14.00	371,840
	2005	200	160	32,000	Cwt.	13.50	432,000
Mint	2006	1,000	88	88,000	Lbs.	14.00	1,232,000
	2005	1,000	86	86,000	Lbs.	12.00	1,032,000
Wild Rice	2006	---	-----	-----	---	-----	-----
	2005	170	1,600	272,000	Lbs.	0.40	108,800
Misc. crops (fresh strawberries, potatoes, onions, carrot seed, endive, cantaloupe seed, raspberry plants, greenhouse flowers, Christmas trees)	2006	---	---	---	---	---	1,000,000
	2005	---	---	---	---	---	1,000,000
Total	2006						\$12,526,090
	2005						\$9,143,160

\*2005 total revised.

\* Plants in Units of 1,000

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**TIMBER HARVEST**

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE	TOTAL
Saw Timber	2006	60,307*	Board Feet/M#	\$221.10/M	\$13,336,082
	2005	67,910*	Board Feet/M#	\$225.28/M	\$15,298,825
Misc. (posts, poles, fire wood, christmas trees)	2006				600,000
	2005				500,000
Total	2006				\$13,936,082
	2005				\$15,798,825

# 1000 Board Feet

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

# **LIVESTOCK AND POULTRY: PRODUCTION AND VALUE**

COMMODITY	YEAR	NO. OF HEAD	PRODUCTION LIVEWEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cows	2006	5,000	50,000	Cwt.	\$45.00	\$2,250,000
	2005	4,900	49,000	Cwt.	\$48.50*	\$2,376,500
Calves	2006	4,000	18,000	Cwt.	117.00	2,106,000
	2005	4,000	18,000	Cwt.	121. 00*	2,178,000
Heifers	2006	5,900	35,400	Cwt.	88.00	3,115,200
	2005	5,900	35,400	Cwt.	93.00	3,292,200
Steers	2006	8,500	51,000	Cwt.	93.00	4,743,000
	2005	8,500	51,000	Cwt.	98.00	4,998,000
Bulls	2006	1,100	19,250	Cwt.	55.00	1,058,750
	2005	1,100	19,250	Cwt.	60.00	1,155,000
Sheep/Lambs	2006	4,000	4,800	Cwt.	83.00	398,400
	2005	4,000	4,800	Cwt.	99.00*	475,200
Hogs/Pigs	2006	800	1,760	Cwt.	48.00	84,480
	2005	1,250	2,500	Cwt.	51.00*	127,500
Misc. livestock	2006	---	---	---	---	30,000
	2005	---	---	---	---	30,000
Total	2006					\$13,785,830
	2005					\$14,632,400

\* Figures provided by California Agricultural Statistics Service

### LIVESTOCK PRODUCTS: PRODUCTION AND VALUE

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE	TOTAL
Includes: wool, apiary, rabbit, emu.	2006				\$125,000
	2005				\$125,000
Total	2006				\$125,000
	2005				\$125,000

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### LIVESTOCK INVENTORY JANUARY 1, 2005

COMMODITY	# HEAD JANUARY 1, 2006	# HEAD JANUARY 1, 2005
All Cattle/Calves	44,000	44,000*
Beef Cows	25,000	25,000*
Stock Sheep	3000	3,000
Hogs/Pigs	300	300

\* Figures provided by California Agricultural Statistics Service

**SUMMARY OF  
PRODUCTION VALUES**

<b>COMMODITY GROUP</b>	<b>2006</b>	<b>2005</b>
Field Crops	\$32,523,550	\$27,959,210
Livestock - Poultry	13,785,830	14,632,400
Livestock-Poultry products	125,000	125,000
Seed, Fruit, Vegetable, Nursery	12,526,090	9,034,360
Timber Harvest	13,836,082	15,798,825
Total	\$72,796,552	\$67,549,795

**10-YEAR COMPARATIVE PRODUCTION VALUES**

2006	\$72,796,552
2005	\$67,549,795
2004	\$60,996,895
2003	\$55,186,474
2002	\$62,119,258
2001	\$58,858,424
2000	\$74,218,900
1999	\$65,062,380
1998	\$61,938,270
1997	\$68,464,400

**TOP 10 CROPS**

<b>2006 RANK</b>	<b>COMMODITY</b>	<b>VALUE</b>	<b>2005 RANK</b>
<b>1</b>	<b>ALL HAY</b>	<b>\$28,525,000</b>	<b>1</b>
<b>2</b>	<b>TIMBER</b>	<b>13,936,082</b>	<b>2</b>
<b>3</b>	<b>LIVESTOCK</b>	<b>13,785,830</b>	<b>3</b>
<b>4</b>	<b>STRAWBERRY PLANTS</b>	<b>9,711,000</b>	<b>4</b>
<b>5</b>	<b>PASTURELAND</b>	<b>3,340,400</b>	<b>5</b>
<b>6</b>	<b>MINT</b>	<b>1,232,000</b>	<b>6</b>
<b>7</b>	<b>MISC NURSERY FIELD CROPS</b>	<b>1,000,000</b>	<b>7</b>
<b>8</b>	<b>AFTERMATH</b>	<b>380,000</b>	<b>10</b>
<b>9</b>	<b>GARLIC SEED</b>	<b>371,000</b>	<b>9</b>
<b>10</b>	<b>ALFALFA SEED</b>	<b>211,250</b>	<b>-</b>

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**MILLION DOLLAR CROPS**

<b>ALL HAY-----</b>	<b>\$28,525,000</b>
<b>TIMBER_-----</b>	<b>13,936,082</b>
<b>LIVESTOCK-----</b>	<b>13,785,830</b>
<b>STRAWBERRY PLANTS-----</b>	<b>9,711,000</b>
<b>PASTURELAND-----</b>	<b>3,340,400</b>
<b>MINT-----</b>	<b>1,232,000</b>
<b>MISC. NURSERY FIELD CROPS-----</b>	<b>1,000,000</b>

**ANNUAL SUSTAINABLE AGRICULTURE REPORTING  
2007**

<b>PEST</b>	<b>AGENT/MECHANISM</b>	<b>SCOPE OF PROGRAM</b>
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**PEST ERADICATION**

Scotch Thistle	Chemical	565 acres
Musk Thistle	Chemical	3 acres
Squarrose Knapweed	Chemical	76 acres
Spotted Knapweed	Chemical/Mechanical	6 acres
Dalmation Toadflax	Chemical/Mechanical	3 acres
Yellowstar Thistle	Chemical/Biological	16 acres
Tall Whitetop	Chemical	185 acres
Diffuse Knapweed	Chemical	1 acre
Puncture Vine	Chemical	1.5 acres

**PEST EXCLUSION**

Exotic Pests And/or Target Pests	Incoming plant Material via UPS Air, Truck, Mail	100 shipments Inspected
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**PEST DETECTION**

Gypsy Moth	110 Traps in Lassen County	Non Detected
Japanese Beetle	2 Traps in Lassen County	None Detected

**ORGANIC FARMING STATISTICS**

Fruit-	5 acres certified
Vegetables-	148 acres certified
Herbs-	23 acres certified
Forage-	110 acres certified

**LASSEN COUNTY**  
**DEPARTMENT OF AGRICULTURE**

**PERSONNEL**

**KENNETH R. SMITH, AGRICULTURAL COMMISSIONER**  
**CRAIG A. HEMPHILL, SUPERVISING AG/WM INSPECTOR**  
**TINA M. HILBURN, AGRICULTURAL BIOLOGIST**  
**DAN E. MCDONALD, BUILDING AND MAINTENANCE/ WEED SPRAY FOREMAN**

# LASSEN COUNTY CROP REPORT 2007





# **Lassen County Department of Agriculture**

**Jim Donnelly  
Agricultural Commissioner**

\*\*\* \*\*

## **Annual Crop Report** For Year 2007

\*\*\* \*\*

**Secretary, California Department of Food and Agriculture**

**Mr. A.G. Kawamura**

Lassen County Board of Supervisors

Jack Hanson, Chairman  
Bob Pyle  
Jim Chapman  
Lloyd Keefer  
Brian Dahle

District 5  
District 1  
District 2  
District 3  
District 4



Department of Agriculture

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•AGRICULTURE      •WEIGHTS & MEASURES      •UNDERGROUND STORAGE TANKS      •PREDATORY ANIMAL  
CONTROL      •AIR POLLUTION

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JIM L. DONNELLY, Commissioner  
175 Russell Avenue  
Susanville, CA 96130-4215

Telephone (530) 251-8110  
Fax (530) 257-6515  
Email: [lassenag@frontiernet.net](mailto:lassenag@frontiernet.net)

A.G. KAWAMURA, SECRETARY  
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

THE HONORABLE BOARD OF SUPERVISORS OF LASSEN COUNTY

HONORABLE DIRECTOR AND BOARD MEMBERS:

Pursuant to Section 2279 of the California Agricultural Code, the 2007 Crop report for Lassen County is respectfully submitted. **The values represented in this report are gross receipts of producers, and do not reflect the net income of producers.**

The gross dollar value of all agricultural commodities, including timber production, was \$65,633,696 for 2007. It should be noted that gross value of agricultural commodities does not indicate total value to the economy. A 3X multiplying factor of dollars entering the economy would make Lassen County's agricultural production contribution total \$196,901,088.

The overall crop value for 2007 was down \$7,450,456, primarily due to a 7 million dollar deficit from the Timber Harvest industry. This 56% drop was a huge factor in the overall 11% drop for 2006. Nursery crop production also had a hand in the overall decline due to a decrease in planted strawberry acreage in our county. On a brighter note, field crop production increased by 7.5% in 2007 because of higher commodity prices. It should also be noted that livestock prices remained close to the 2006 totals, being only diminished by \$143,000.

I would like to acknowledge the cooperation of Lassen County farmers and ranchers and other agencies that provided information for this report. I would also like to acknowledge the effort of Craig Hemphill who compiled this year's crop report.

Respectfully submitted,

Jim Donnelly  
Agricultural Commissioner

# **Lassen County**

## **Department of Agriculture**

### **Personnel**

Jim L. Donnelly, Agricultural Commissioner  
Craig A. Hemphill, Supervising Biologist  
Tina M. Hilburn, Agricultural Biologist II  
Dan E. McDonald, Building and Maintenance/Weed Spray  
Foreman  
Cheryl Lauritsen, Seasonal  
Dorothy Earll, Seasonal  
Ben Brown, Seasonal  
Lysandra Lilburn, Seasonal  
Robin Suelan, Seasonal

## FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

CROP	YEAR	HARVESTED ACREAGE	PER ACRE	PRODUCTION		VALUE	
				TOTAL	UNIT	PER UNIT	TOTAL
Hay, alfalfa	2007	26,500	4.10	108,650	Ton	\$155.00	\$16,840,750
	2006	26,500	4.50	119,250	Ton	\$128.00	\$15,264,000
Hay, grain	2007	8,500	2.50	21,250	Ton	115.00	2,443,750
	2006	8,500	2.50	21,250	Ton	100.00	2,125,000
Hay, other	2007	29,000	3.20	92,800	Ton	140.00	12,992,000
	2006	29,000	3.20	92,800	Ton	122.00	11,321,600
Barley	2007	200	1.75	350	Ton	140.00	49,000
	2006	200	1.75	350	Ton	140.00	49,000
Oats	2007	~~~~	~~~	~~~	~~	~~~	~~~
	2006	~~~~	~~~	~~~	~~	~~~	~~~
Rye	2007	150	1.50	225	Ton	150.00	33,750
	2006	100	1.50	225	Ton	150.00	33,750
Wheat	2007	1000*	2.50	2,500	Ton	185.00	462,500
	2006	1,000*	1.38	1,380	Ton	130.00	179,400
Pasture, irrigated	2007	23,000	6.00	138,000	AUM#	25.00	3,450,000
	2006	23,000	6.00	138,000	AUM	22.00	3,036,000
Pasture, non-irrigated	2007	22,000	0.20	4,400	AUM	18.00	79,200
	2006	22,000	0.20	4,400	AUM	16.00	70,400
Pasture, range	2007	200,000	0.09	18,000	AUM	13.00	234,000
	2006	200,000	0.09	18,000	AUM	13.00	234,000
Aftermath** (all)	2007	20,000	1.00	20,000	AUM	23.00	460,000
	2006	20,000	1.00	20,000	AUM	19.00	380,000
Straw	2007	225	1.00	225	Ton	80.00	18,000
	2006	225	1.00	225	Ton	80.00	18,000
<b>Total</b>	<b>2007</b>						<b>\$37,062,950</b>
	<b>2006</b>						<b>\$32,711,150</b>

\* Figures provided by California Agricultural Statistics Service

\*\*Aftermath: The second crop or growth after mowing hay, grain or grass.

# AUM : Animal Unit Months

**SEED, FRUIT, VEGETABLE AND NURSERY CROPS:  
ACREAGE, PRODUCTION AND VALUE**

CROP	YEAR	HARVESTED ACREAGE	PER ACRE	PRODUCTION		VALUE	
				TOTAL	UNIT	PER UNIT	TOTAL
Alfalfa Seed	2007	260	650	169,000	Lbs.	\$1.40	\$236,600
	2006	260	650	169,000	Lbs.	\$1.25	\$211,250
Strawberry Plants	2007	229	325	74,425	PI/M*	72.00/M	5,358,600
	2006	415	325	134,875	PI/M*	72.00/M	9,711,000
Garlic Seed	2007	166	160	27,200	Cwt.	14.00	380,800
	2006	166	160	26,560	Cwt.	14.00	371,840
Mint	2007	1000	62	88,000	Lbs.	13.00	1,144,000
	2006	1,000	88	88,000	Lbs.	14.00	1,232,000
Wild Rice	2007	480	1600	768,000	Lbs.	0.80	614,400
	2006	~~~~	~~~~	~~~~	~~~~	~~~~	~~~~
Misc. Crops (strawberries, potatoes, onions, carrot seed, endive, cantaloupe seed, raspberry plants, greenhouse flowers, Christmas trees	2007	~~~~	~~~~	~~~~	~~~~	~~~~	1,000,000
	2006	~~~~	~~~~	~~~~	~~~~	~~~~	1,000,000
<b>Total</b>	<b>2007</b>						<b>\$8,734,400</b>
	<b>2006</b>						<b>\$12,526,090</b>

\* PI/M: plants in units of 1,000

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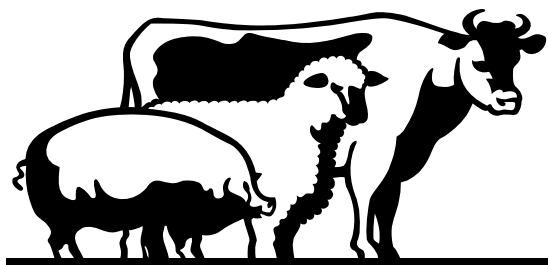
**TIMBER HARVEST**

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE	TOTAL
Saw Timber	2007	29139*	Board Feet/M#	187.67/M	\$5,468,516
	2006	60,307*	Board Feet/M#	\$221.10/M	\$13,336,082
Misc. (posts, poles, fire wood, Christmas Trees)	2007	~~~~			600,000
	2006				600,000
<b>Total</b>	<b>2007</b>				<b>\$6,068,516</b>
	<b>2006</b>				<b>\$13,936,082</b>
#1000 board feet					

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

# LIVESTOCK AND POULTRY

COMMODITY	YEAR	NUMBER OF HEAD	PRODUCTION		VALUE	
			LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Cows	2007	5,000	50,000	Cwt.	\$44.30*	\$2,215,000
	2006	5,000	50,000	Cwt.	\$45.00	\$2,250,000
Calves	2007	4,000	18,000	Cwt.	109.00	1,962,000
	2006	4,000	18,000	Cwt.	117.00	2,106,000
Heifers	2007	5,900	35,400	Cwt.	88.00	3,115,200
	2006	5,900	35,400	Cwt.	88.00	3,115,200
Steers	2007	8,500	51,000	Cwt.	93.00	4,743,000
	2006	8,500	51,000	Cwt.	93.00	4,743,000
Bulls	2007	1,100	19,250	Cwt.	55.00	1,058,750
	2006	1,100	19,250	Cwt.	55.00	1,058,750
Sheep/Lambs	2007	4,000	4,800	Cwt.	90.50	434,400
	2006	4,000	4,800	Cwt.	83.00	398,400
Hogs/Pigs	2007	800	1,760	Cwt.	48.00	84,480
	2006	800	1,760	Cwt.	48.00	84,480
Misc. Livestock	2007	~~~~	~~~~	~~~~	~~~~	30,000
	2006	~~~~	~~~~	~~~~	~~~~	30,000
<b>Total</b>	<b>2007</b>					<b>\$13,642,830</b>
	<b>2006</b>					<b>\$13,785,830</b>



## LIVESTOCK PRODUCTS: PRODUCTION AND VALUE

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE	TOTAL
Includes: wool, apiary, rabbit, emu	2007				\$125,000
	2006				\$125,000
<b>Total</b>	<b>2007</b>				<b>\$125,000</b>
	<b>2006</b>				<b>\$125,000</b>




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## LIVESTOCK INVENTORY JANUARY 1, 2006

COMMODITY	# HEAD 1/1/2007	#HEAD 1/1/2006
All Cattle/Calves	44,000	44,000
Beef Cows	25,000	25,000
Stock Sheep	3,000	3,000
Hogs/Pigs	300	300

## SUMMARY OF PRODUCTION VALUES

COMMODITY GROUP	2,007	2,006
Field Crops	\$37,062,950	\$32,711,150
Livestock-Poultry	13,642,830	13,785,830
Livestock-Poultry Products	125,000	125,000
Seed, Fruit, Vegetable, Nursery	8,734,400	12,526,090
Timber Harvest	6,068,516	13,936,082
Total	\$65,633,696	\$73,084,152

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## 10-YEAR COMPARATIVE PRODUCTION VALUES

2007	\$65,633,696
2006	73,084,152
2005	67,549,795
2004	60,996,895
2003	55,186,474
2002	62,119,258
2001	58,858,424
2000	74,218,900
1999	65,062,380
1998	61,938,270
1997	68,464,400



# TOP 10 CROPS

2007 RANK	COMMODITY	VALUE	2006 RANK
1	All hay	\$32,276,500	1
2	Livestock	13,642,830	3
3	timber	5,468,516	2
4	Strawberry Plants	5,358,600	4
5	Pastureland	3,763,200	5
6	Mint	1,232,000	6
7	Misc. Nursery Field Crops	1,000,000	7
8	Wild Rice	624,400	~
9	Wheat	462,500	~
10	Aftermath	460,000	8




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## MILLION DOLLAR CROPS

All Hay-----	\$32,276,500
Livestock-----	13,642,830
Timber-----	5,468,516
Strawberry Plants-----	5,358,600
Pastureland-----	3,763,200
Mint-----	1,232,000
Misc. Nursery Field Crops-----	1,000,000

## ANNUAL SUSTAINABLE AGRICULTURE REPORTING 2007

PEST	AGENT/MECHANISM	SCOPE OF PROGRAM
<b><u>PEST ERADICATION</u></b>		
Scotch Thistle	Chemical	563 acres
Musk Thistle	Chemical	3 acres
Square-rose Knapweed	Chemical	101 acres
Spotted Knapweed	Chemical/Mechanical	16 acres
Dalmation Toadflax	Chemical/Mechanical	11 acres
Yellow-star Thistle	Chemical/Biological	11 acres
Tall Whitetop	Chemical	32 acres
Short Whitetop	Chemical	68 acres
Diffuse Knapweed	Chemical	1 acres
Puncture Vine	Chemical/Biological	6 acres
Rush Skeletonweed	Chemical	8 acres
Russian Knapweed	Chemical	46 acres
Leafy Spurge	Chemical	2 acres
Baby's Breath	Chemical	6 acres
Showy Milkweed	Chemical	1 acres
<b><u>PEST EXCLUSION</u></b>		
Exotic Pests And/or Target Pests	Incoming plant material via UPS Air, Truck, Mail	100 Shipments inspected
<b><u>PEST DETECTION</u></b>		
Gypsy Moth	110 Traps in Lassen County	None Detected
Japanese Beetle	2 traps in Lassen County	None Detected
Light Brown Apple Moth	75 traps in Lassen County	None Detected

### **ORGANIC FARMING STATISTICS**

Fruit	5 acres certified
Vegetables	148 acres certified
Herbs	23 acres certified
Forage	110 acres certified



# *LASSEN COUNTY CROP REPORT 2008*



*Jim Donnelly  
Agriculture Commissioner*

# **LASSEN COUNTY DEPARTMENT OF AGRICULTURE**

**Jim Donnelly  
Agricultural Commissioner**

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## **ANNUAL CROP REPORT FOR YEAR 2008**

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**SECRETARY, CALIFORNIA DEPARTMENT OF FOOD AND  
AGRICULTURE**

**MR. A.G. KAWAMURA**

Lassen County Board of Supervisors

Jack Hanson, Chairman  
Bob Pyle  
Jim Chapman  
Lloyd Keefer  
Brian Dahle

District 5  
District 1  
District 2  
District 3  
District 4

County of Lassen



Department of Agriculture

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•AGRICULTURE    •WEIGHTS & MEASURES    •UNDERGROUND STORAGE TANKS    •PREDATORY ANIMAL CONTROL    •AIR POLLUTION

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JIM L. DONNELLY, Commissioner  
175 Russell Avenue  
Susanville, CA 96130-4215

Telephone (530) 251-8110  
Fax (530) 257-6515  
Email: [lassenag@frontiernet.net](mailto:lassenag@frontiernet.net)

A.G. KAWAMURA, SECRETARY  
CALIFORNIA DEPARTMENT OF FOOD AND AG

THE HONORABLE BOARD OF SUPERVISORS OF LASSEN COUNTY

HONORABLE DIRECTOR AND BOARD MEMBERS:

In accordance with provisions of section 2279 of the California Food and Agriculture Code, I am submitting the annual crop report of agricultural production and agricultural value in Lassen County for the 2008 calendar year.

This report is a summary estimate of the acreage, production and gross value of Lassen County agricultural products. **The values presented in this report are gross values only, and do not reflect net farm income or costs of production and marketing.**

The estimated gross value of agricultural production in Lassen County for 2008 totaled \$91,424,832. Although lumber production was down in 2008, hay prices increased the total crop value. This is more than a 25 million dollar increase over the 2007 gross value total of \$65,633,696.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to all the staff for their efforts in the compilation of this report.

Respectfully submitted,

A handwritten signature in black ink, reading "Jim Donnelly".

Jim Donnelly, Agricultural Commissioner

# *Lassen County*

## *Department of Agriculture*



### **Our Mission**

The Agricultural Commissioner promotes Lassen County agricultural production by protecting it from injurious pests and 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**

Jim L. Donnelly, Agricultural Commissioner  
Craig A. Hemphill, Supervising Biologist  
Tina M. Hilburn, Agricultural Biologist II  
Dan E. McDonald, Building and Maintenance/Weed Spray Foreman  
Cheryl Lauritsen, Agricultural Biologist  
Lysandra Lilburn, Seasonal  
Robin Skelton-Snipes, Seasonal  
Dorothy Earll , Seasonal

# FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

CROP	YEAR	HARVESTED	PER ACRE	PRODUCTION		VALUE	
		ACRES		TOTAL	UNIT	PER UNIT	TOTAL
Hay, Alfalfa	2008	26,500	4.57	121,105	Ton	196.80	\$23,833,661
	2007	26,500	4.10	108,650	Ton	\$155.00	\$16,840,750
Hay, Triticale	2008	4,000	4.00	16,000	Ton	\$150.00	\$2,400,000
	2007	-----	-----	-----	Ton	-----	-----
Hay, Grain	2008	4,500	3.38	15,210	Ton	143.00	2,175,030
	2007	8,500	2.50	21,250	Ton	115.00	2,443,750
Hay, Other	2008	29,000	4.50	130,500	Ton	235.00	30,667,500
	2007	29,000	3.20	92,800	Ton	140.00	12,992,000
Barley	2008	200	1.32	264	Ton	216.25	57,090
	2007	200	1.75	350	Ton	140.00	49,000
Oats	2008	-----	-----	-----	Ton	-----	-----
	2007	-----	-----	-----	Ton	-----	-----
Rye	2008	-----	-----	-----	Ton	-----	-----
	2007	100	1.50	225	Ton	150.00	33,750
Wheat	2008	700	2.40	1,680	Ton	263.00	441,840
	2007	1000*	2.50	2,500	Ton	185.00	462,500
Triticale	2008	300	2.20	660	Ton	400.00	264,000
	2007	-----	-----	-----	Ton	-----	-----
Pasture, irrigated	2008	23,000	6.00	138,000	AUM #	22.00	3,036,000
	2007	23,000	6.00	138,000	AUM	25.00	3,450,000
Pasture, non-irrigated	2008	22,000	0.20	4,400	AUM	18.00	79,200
	2007	22,000	0.20	4,400	AUM	18.00	79,200
Pasture, range	2008	200,000	0.09	18,000	AUM	13.00	234,000
	2007	200,000	0.09	18,000	AUM	13.00	234,000
Aftermath** (All)	2008	20,000	1.00	20,000	AUM	23.00	460,000
	2007	20,000	1.00	20,000	AUM	23.00	460,000
Straw	2008	225	1.00	225	Ton	80.00	18,000
	2007	225	1.00	225	Ton	80.00	18,000
Total	2008						68,090,821
	2007						\$37,062,950

\* Figures provided by California Agricultural Statistics Service

\*\* Aftermath: The second crop or growth after mowing hay, grain or grass.

# AUM: Animal Unit Month





## *SEED, FRUIT, VEGETABLE AND NURSERY CROPS: ACREAGE, PRODUCTION AND VALUE*

	YEAR	HARVESTED ACREAGE	PER ACRE	PRODUCTION TOTAL	UNIT	VALUE PER UNIT	TOTAL
Alfalfa Seed	2008	249	683	170,067	Lbs.	\$1.70	289,114
	2007	260	650	169,000	Lbs.	1.40	236,600
Strawberry Plants	2008	262	300	78,600	PI/M*	90.00	7,074,000
	2007	229	325	74,425	PI/M*	72.00	5,358,600
Garlic Seed	2008	155	175	27,125	Cwt.	0.19	515,375
	2007	166	160	27,200	Cwt.	14.00	380,800
Mint	2008	136	85	11,475	Lbs.	15.00	172,125
	2007	1,000	62	88,000	Lbs.	13.00	1,144,000
Wild Rice	2008	163	1600	260,800	Lbs.	0.70	182,560
	2007	480	1600	768,000	Lbs.	0.80	614,400
Misc. Crops	2008						1,000,000
(strawberries, onions	2007						1,000,000
potatoes, pumpkins,							
carrot seed, endive,							
cantaloupe seed,							
raspberry plants,							
greenhouse flowers,							
Christmas trees)							
Total	2008						\$9,233,174
	2007						\$8,734,400

\* plants in units of 1,000



## *TIMBER HARVEST*

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE	TOTAL
Saw Timber	2008	35,450	Board Feet/M#	\$129.66	\$4,596,595
	2007	29,139	Board Feet/M#	187.67	5,468,516
Misc. (posts,	2008	14,800	Linear Ft.	1.40	620,720
poles, fire wood,	2007				600,000
Christmas trees					
Total	2008				5,217,315
	2007				\$6,068,516

# 1000 Board feet

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

# *LIVESTOCK AND POULTRY*

COMMODITY	YEAR	NO. OF HEAD	PRODUCTION		VALUE	
			LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Cows	2008	5,000	50,000	Cwt.	43.70	2,185,000
	2007	5,000	50,000	Cwt.	\$44.30	\$2,215,000
Calves	2008	4,000	18,000	Cwt.	102.00	1,836,000
	2007	4,000	18,000	Cwt.	109.00	1,962,000
Heifers	2008	5,900	35,400	Cwt.	85.00	3,009,000
	2007	5,900	35,400	Cwt.	88.00	3,115,200
Steers	2008	8,500	51,000	Cwt.	89.50	4,564,500
	2007	8,500	51,000	Cwt.	93.00	4,743,000
Bulls	2008	1,100	19,250	Cwt.	51.00	981,750
	2007	1,100	19,250	Cwt.	55.00	1,058,750
Sheep/Lambs	2008	4,000	5,320	Cwt.	91.30	485,716
	2007	4,000	4,800	Cwt.	90.50	434,400
Hogs/Pigs	2008	800	2,168	Cwt	42.00	91,056
	2007	800	1,760	Cwt	48.00	84,480
Misc. Livestock (bison, chickens)	2008					30,000
	2007					30,000
<b>Total</b>	<b>2008</b>					<b>13,183,022</b>
	<b>2007</b>					<b>\$13,642,830</b>



## *LIVESTOCK PRODUCTS PRODUCTION AND VALUE*

COMMODITY	YEAR	TOTAL
Includes: wool, apiary, eggs	2008	\$125,000.00
	2007	\$125,000.00
<b>Total</b>	<b>2008</b>	<b>\$125,000.00</b>
	<b>2007</b>	<b>\$125,000.00</b>




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## *LIVESTOCK INVENTORY JANUARY 1, 2007*

COMMODITY	# HEAD 1/1/2008	# HEAD 1/1/2007
All		
Cattle/Calves	44,000	44,000
Beef Cows	25,000	25,000
Stock Sheep	3,000	3,000
Hogs/Pigs	300	300

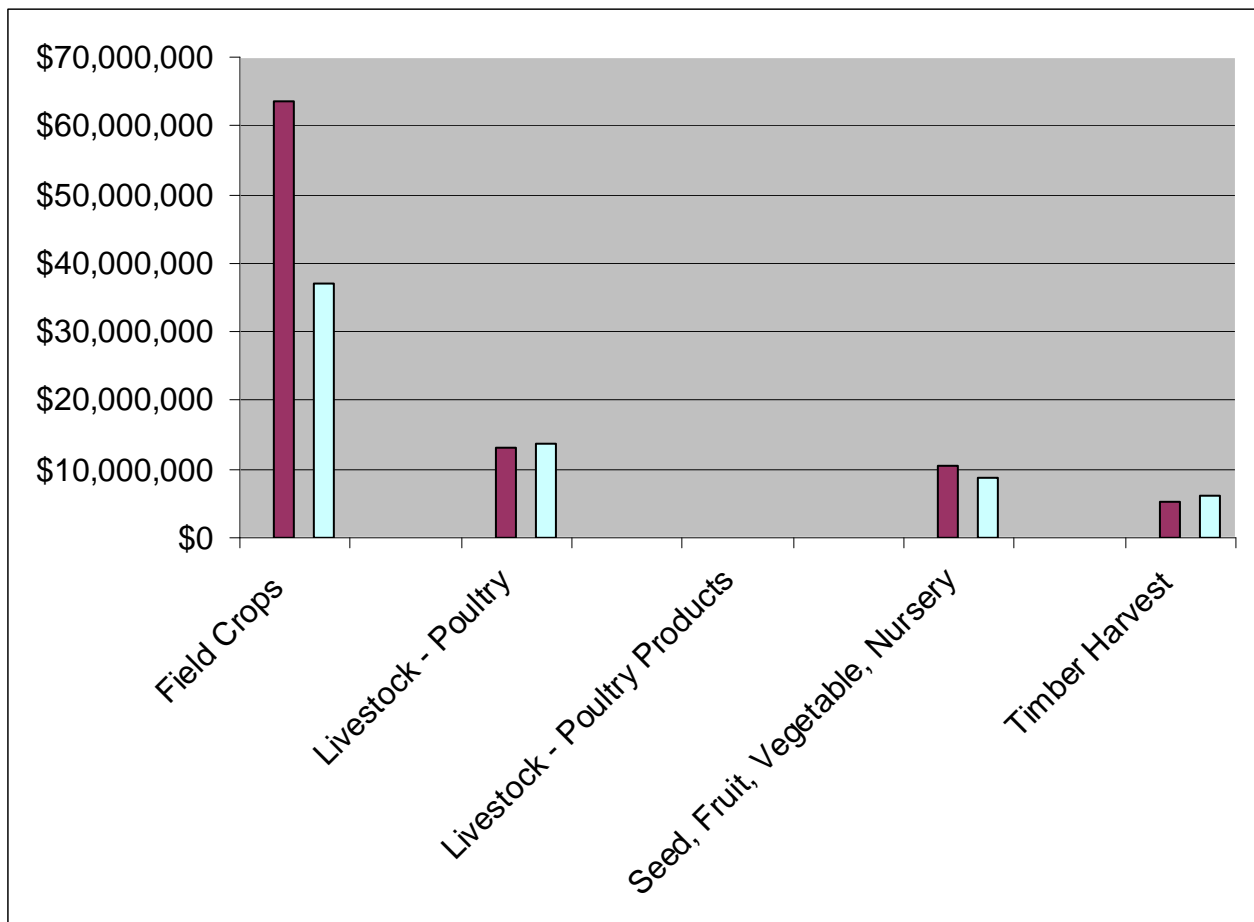


*Next year's crop*

## *SUMMARY OF PRODUCTION VALUES*

COMMODITY GROUP	2008	2007
Field Crops	63,666,321	37,062,950
Livestock - Poultry	13,183,022	13,642,830
Livestock - Poultry Products	125,000	125,000
Seed, Fruit, Vegetable, Nursery	9,233,174	8,734,400
Timber Harvest	5,217,315	6,068,516
<b>Total</b>	<b>\$91,424,832</b>	<b>\$65,633,696</b>

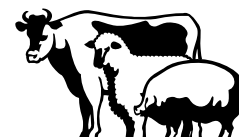
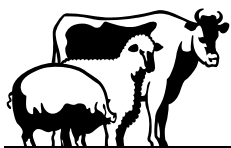
VALUE



COMMODITY GROUP

10-YEAR  
COMPARATIVE PRODUCTION VALUES

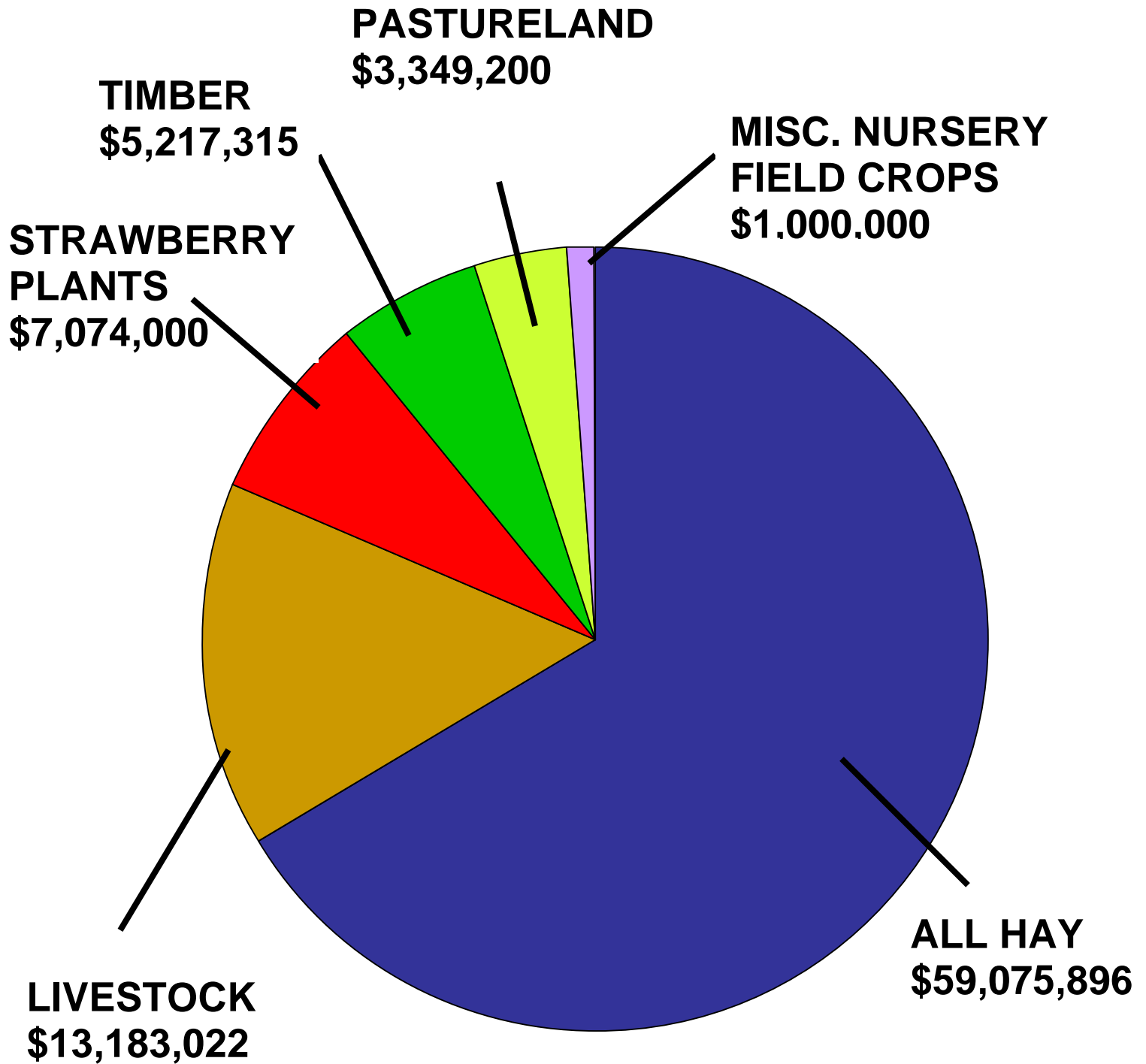
2008	\$91,424,832
2007	\$65,633,696
2006	\$73,084,152
2005	\$67,549,795
2004	\$60,996,895
2003	\$55,186,474
2002	\$62,119,258
2001	\$58,858,424
2000	\$74,218,900
1999	\$65,062,380



TOP 10 CROPS

COMMODITY	VALUE	2007
All Hay	59,078,191	1
Livestock	13,183,022	2
Strawberry Plants	7,074,000	4
Timber	5,217,315	3
Pastureland~	3,349,200	5
Misc. Nursery Field Crops	1,000,000	7
Garlic Seed	515,375	~
Aftermath	460,000	10
Wheat	441,840	9
Alfalfa Seed	289,114	~

# *MILLION DOLLAR CROPS*



GRAND TOTAL - \$88,899,433

# *ANNUAL SUSTAINABLE AGRICULTURE REPORTING 2008*

PEST	AGENT MECHANISM	SCOPE OF PROGRAM
<b><u>PEST ERADICATION</u></b>		
Scotch thistle	Chemical	585 acres
Musk thistle	Chemical	4.25 acres
Squarrose knapweed	Chemical	71 acres
Spotted knapweed	Chemical/Mechanical	15.5 acres
Dalmation toadflax	Chemical/Mechanical	35 acres
Yellow starthistle	Chemical/Mechanical	21 acres
Perennial pepperweed	Chemical	225 acres
Hoary cress	Chemical	68 acres
Diffuse knapweed	Chemical	1.25 acre
Puncture vine	Chemical/ Biological	12.5 acres
Rush skeletonweed	Chemical	12 acres
Russian knapweed	Chemical	64 acres
Leafy spurge	Chemical	2 acres
Showy milkweed	Chemical	2 acres
Purple starthistle	Chemical	3.5
<b><u>PEST EXCLUSION</u></b>		
Exotic Pests And/or Target Pests	Incoming plant material via UPS Air, Truck or Mail	shipments Inspected
<b><u>PEST DETECTION</u></b>		
Gypsy Moth	110 Traps in Lassen County	None Detected
Japanese Beetle	2 Traps in Lassen County	None Detected
Light Brown Apple Moth	75 traps in Lassen County	None Detected

## *ORGANIC FARMING STATISTICS*

<b>Alfalfa Hay</b>	<b>900 acres certified</b>
<b>Cattle</b>	<b>425 cattle</b>
<b>Fallow</b>	<b>37.7 acres certified</b>
<b>Meadow Grass Hay</b>	<b>674 acres certified</b>
<b>Pasture and Rangeland</b>	<b>34,717.61 acres certified</b>
<b>Safflower</b>	<b>46.4 acres certified</b>
<b>Wild Rice</b>	<b>75 acres certified</b>





# LASSEN COUNTY



**The Tangeman Girls**



**The next generation at the JD Hemphill Ranch.**

The heart of Lassen County agriculture is the family farm or ranch. Our agriculture community is made up of many families, some are newcomers, but many have been farming and ranching in Lassen County for many generations.



**The Hanson boys feeding in the snow.**



**Three generations of the Wood Family**



**Branding at the 7D**



**The Martin family sells hay, produce, and nursery products.**



**The Murer Family**

## 2009 ANNUAL CROP & LIVESTOCK REPORT

*JIM DONNELLY, AGRICULTURAL COMMISSIONER/SEALER*

# **Lassen County Department of Agriculture**

*Jim Donnelly  
Agricultural Commissioner/Sealer*

## **Annual Crop & Livestock Report For Year 2010**



**Secretary, California Department of Food and  
Agriculture**

*Mr. A.G. Kawamura*

### **Lassen County Board of Supervisors**

*Bob Pyle, Chairman  
Jim Chapman  
Lloyd Keefer  
Brian Dahle  
Jack Hansen*

*District 1  
District 2  
District 3  
District 4  
District 5*



Department of Agriculture

•AGRICULTURE

•WEIGHTS & MEASURES

•UNDERGROUND STORAGE TANKS

•PREDATORY ANIMAL CONTROL

JIM L. DONNELLY, Commissioner  
175 Russell Avenue  
Susanville, CA 96130-4215

Telephone (530) 251-8110  
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Email: [lassenag@frontiernet.net](mailto:lassenag@frontiernet.net)

July 1, 2010

A.G. KAWAMURA, SECRETARY  
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

THE HONORABLE BOARD OF SUPERVISORS OF LASSEN COUNTY

HONORABLE DIRECTOR AND BOARD MEMBERS:

In accordance with provisions of section 2279 of the California Food and Agriculture Code, I am submitting the annual crop report of agricultural production and agricultural value in Lassen County for the 2009 calendar year.

This report is a summary estimate of the acreage, production and gross value of Lassen County agricultural products. **The values presented in this report are gross values only, and do not reflect net farm income or costs of production and marketing.**

The estimated gross value of agricultural production in Lassen County for 2009 totaled \$69,324,786. This is a 24% decrease below the 2008 gross value total of \$91,424,832. It should be noted that gross value of agricultural commodities does not indicate total value to the economy. A 3X multiplying factor of dollars entering the economy would make Lassen County's agricultural production contribution total \$207,973,044.

The following are highlights of the 2009 Lassen County Crop Report

1. Hay value decreased by 45% due to a decrease in price per ton.
2. Timber decreased by 43% due to a reduction in harvest.
3. Garlic Seed, Wild Rice and Mint increased in value by more than 400% each due to an increase in acres planted.
4. Alfalfa Seed increased in value by 118% due to an increase in acreage.

I wish to extend my appreciation to the many producers, processors and agencies, both private and governmental, and to all the staff for their efforts in the compilation of this report.

Respectfully submitted,

A handwritten signature in black ink, reading "Jim Donnelly". The signature is stylized with a large, sweeping "J" and "D".

Jim Donnelly, Agricultural Commissioner/Sealer

# *Lassen County*

## *Department of*

### *Agriculture*

#### *Our Mission*

The Agricultural Commissioner promotes Lassen County agricultural production by protecting it from injurious pests and 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*

Jim L. Donnelly, Agricultural Commissioner, Sealer  
Craig A. Hemphill, Deputy Sealer  
Tina M. Hilburn, Agricultural Biologist II  
Dan E. McDonald, Building and Maintenance/Weed Spray Foreman  
Cheryl Lauritsen, Agricultural Biologist  
Lysandra Lilburn, Seasonal  
Robin Skelton-Snipes, Seasonal  
Rebekah Cesmat, Seasonal  
Charles Schuck, Seasonal

CROP	YEAR	HARVESTED ACRES	PER ACRE	PRODUCTION		VALUE	
				TOTAL	UNIT	PER UNIT	TOTAL
Hay, Alfalfa	2009	27,000	4.50	121,500	Ton	\$116.40	\$14,142,600
	2008	26,500	4.57	121,105	Ton	\$196.80	\$23,833,661
Hay, Triticale	2009	4,500	4.50	20,250	Ton	98.00	\$1,984,500
	2008	4,000	4.00	16,000	Ton	150.00	\$2,400,000
Hay, Grain	2009	4,200	2.31	9,702	Ton	140.00	1,358,280
	2008	4,500	3.38	15,210	Ton	143.00	2,175,030
Hay, Other	2009	29,000	4.35	126,150	Ton	121.00	15,264,150
	2008	29,000	4.50	130,500	Ton	235.00	30,667,500
Barley	2009	356	2.00	712	Ton	160.00	113,920
	2008	200	1.32	264	Ton	216.25	57,090
Oats	2009	441	2.25	992	Ton	160.00	158,720
	2008	-----	-----	-----	Ton	-----	-----
Rye	2009	506	2.00	1,012	Ton	130.00	131,560
	2008	-----	-----	-----	Ton	-----	-----
Wheat	2009	500	1.75	875	Ton	175.00	153,125
	2008	700	2.40	1,680	Ton	263.00	441,840
Triticale	2009	550	1.75	963	Ton	200.00	192,600
	2008	300	2.20	660	Ton	400.00	264,000
Pasture, irrigated	2009	23,000	6.00	138,000	AUM	22.00	3,036,000
	2008	23,000	6.00	138,000	AUM	22.00	3,036,000
Pasture, Non-irrigated	2009	22,000	0.40	8,800	AUM	18.00	158,400
	2008	22,000	0.20	4,400	AUM	18.00	79,200
Pasture, Range**	2009	1,291,253	0.10	129,125	AUM	13.00	1,678,625
	2008	200,000	0.09	18,000	AUM	13.00	234,000
Aftermath (All)	2009	20,000	1.00	20,000	AUM	23.00	460,000
	2008	20,000	1.00	20,000	AUM	23.00	460,000
Straw	2009	225	1.00	225	Ton	80.00	18,000
	2008	225	1.00	225	Ton	80.00	18,000
<b>Total</b>	<b>2009</b>						<b>\$38,850,480</b>
	<b>2008</b>						<b>\$63,666,321</b>

\*\*Includes Federal Land



# SEED, FRUIT, VEGETABLE AND NURSERY CROPS: ACREAGE, PRODUCTION & VALUE

CROP	YEAR	HARVESTED ACREAGE	PER ACRE	PRODUCTION TOTAL	UNIT	VALUE	
						PER UNIT	TOTAL
Alfalfa Seed	2009	436	825	359,700	Lbs.	\$1.75	629,475
	2008	249	683	170,067	Lbs.	\$1.70	289,114
Strawberry Plants	2009	260	312.5	81,250	PI/M*	87.50	7,109,375
	2008	262	300	78,600	PI/M*	90.00	7,074,000
Garlic Seed	2009	747	16,500	6,163	Tons	440.00	2,711,610
	2008	155	122.58	19,000	Cwt.	0.19	515,375
Mint	2009	674	80	53,920	Lbs.	18.00	970,560
	2008	136	85	11,475	Lbs.	15.00	172,125
Wild Rice	2009	835	1850	1,544,750	Lbs.	0.70	1,081,325
	2008	163	1600	260,800	Lbs.	0.70	182,560
Misc. Crops (strawberries, apples safflower, endive raspberry plants, greenhouse flowers, misc. vegetables, nuts greenhouse flowers)	2009						1,000,000
	2008						1,000,000
<b>Total</b>	<b>2009</b>						<b>13,502,345</b>
	<b>2008</b>						<b>9,233,174</b>



## TIMBER HARVEST

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE	TOTAL
Saw Timber	2009	31,015	Board Feet/mbf	\$61.20	\$1,898,056
	2008	35,450	Board Feet/mbf	\$129.66	\$4,596,595
Misc. (posts, poles cull logs, fire wood, Christmas trees, wood produced fuel chips)	2009				1,394,550
	2008				620,720
<b>Total</b>	<b>2009</b>				<b>\$3,292,606</b>
	<b>2008</b>				<b>\$5,217,315</b>



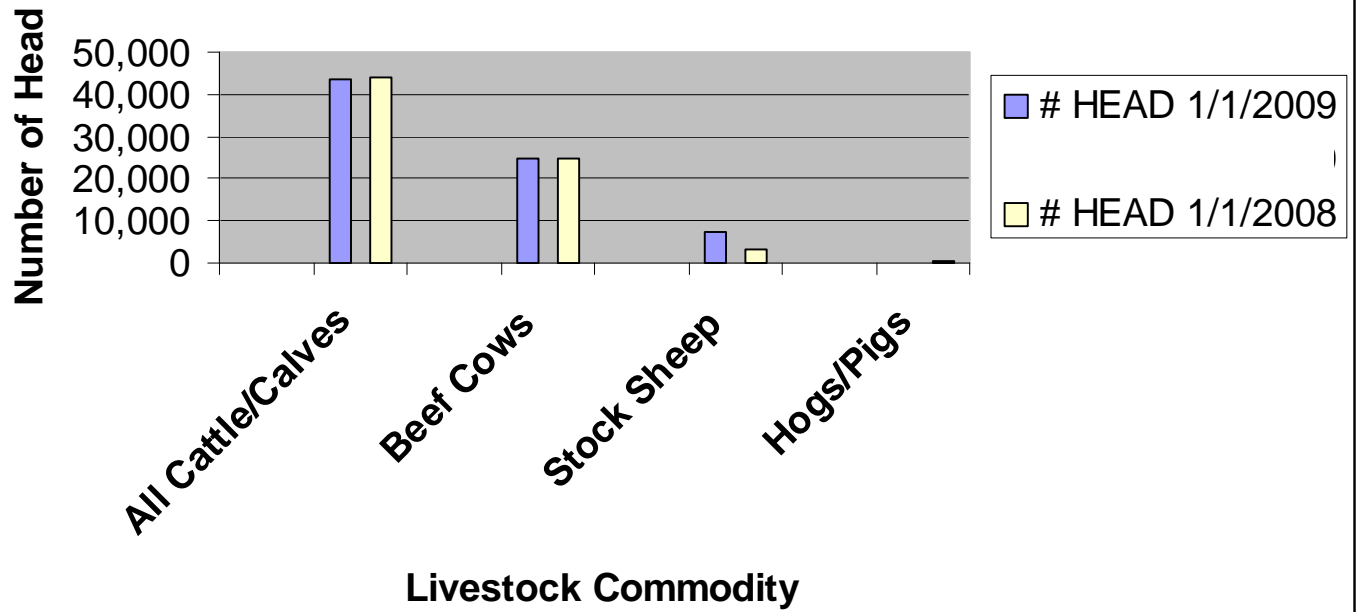
\*Figures provided by Timber Tax Division, State Board of Forestry

# LIVESTOCK & POULTRY

COMMODITY	YEAR	NO. OF HEAD	PRODUCTION		VALUE	
			LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Cows	2009	4,950	49,500	Cwt.	\$38.00	\$1,881,000
	2008	5,000	50,000	Cwt.	\$43.70	\$2,185,000
Calves	2009	3,950	17,775	Cwt.	101.00	1,795,275
	2008	4,000	18,000	Cwt.	102.00	1,836,000
Heifers	2009	5,841	35,046	Cwt.	87.37	3,061,969
	2008	5,900	35,400	Cwt.	85.00	3,009,000
Steers	2009	8,330	49,980	Cwt.	96.71	4,833,566
	2008	8,500	51,000	Cwt.	89.50	4,564,500
Bulls	2009	1,000	17,500	Cwt.	53.60	938,000
	2008	1,100	19,250	Cwt.	51.00	981,750
Sheep/Lambs	2009	7,500	9,975	Cwt.	99.21	989,620
	2008	4,000	5,320	Cwt.	91.30	485,716
Hogs/Pigs	2009	200	500	Cwt	43.85	21,925
	2008	800	2,168	Cwt	42.00	91,056
Misc. Livestock (bison, pheasant, goats, chickens, emu, alpaca)	2009					30,000
	2008					30,000
<b>Total</b>	<b>2009</b>					<b>\$13,551,355</b>
	<b>2008</b>					<b>\$13,183,022</b>



# Livestock Inventory



## LIVESTOCK PRODUCTS: PRODUCTION AND VALUE



COMMODITY	YEAR	TOTAL
Includes: wool, apiary, eggs, rabbits, emus	2009	\$128,000.00
	2008	\$125,000.00
<b>Total</b>	<b>2009</b>	<b>\$128,000.00</b>
	<b>2008</b>	<b>\$125,000.00</b>



## SUMMARY OF PRODUCTION VALUES

<u>COMMODITY GROUP</u>	<u>2009</u>	<u>2008</u>
Field Crops	38,850,480	63,666,321
Livestock - Poultry	13,551,355	13,183,022
Livestock - Poultry Products	128,000	125,000
Seed, Fruit, Vegetable, Nursery	13,501,907	9,080,074
Timber Harvest	3,292,606	5,217,315
<b>Total</b>	<b>69,324,348</b>	<b>91,271,732</b>



## 10-YEAR COMPARATIVE PRODUCTION VALUES

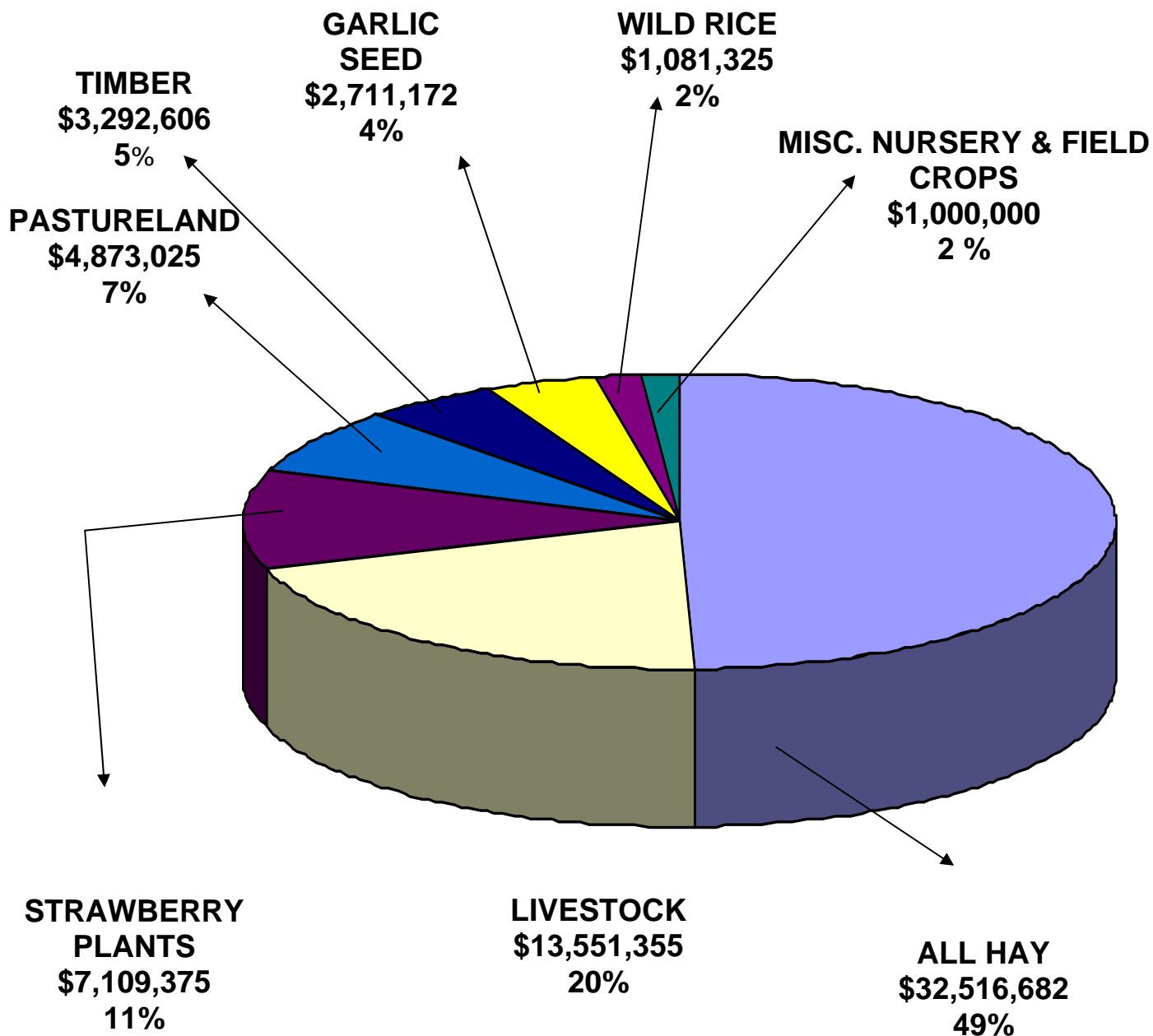
<b>2009</b>	<b>\$69,324,348</b>
<b>2008</b>	<b>\$91,271,732</b>
<b>2007</b>	<b>\$65,633,696</b>
<b>2006</b>	<b>\$73,084,152</b>
<b>2005</b>	<b>\$67,549,795</b>
<b>2004</b>	<b>\$60,996,895</b>
<b>2003</b>	<b>\$55,186,474</b>
<b>2002</b>	<b>\$62,119,258</b>
<b>2001</b>	<b>\$58,858,424</b>
<b>2000</b>	<b>\$74,218,900</b>

## TOP 10 CROPS

<u>2009 RANK</u>	<u>COMMODITY</u>	<u>VALUE</u>	<u>2008 RANK</u>
1	All Hay	\$32,749,530	1
2	Livestock	\$13,551,355	3
3	Strawberry Plants	\$7,109,375	4
4	Pastureland	\$4,873,025	5
5	Timber	\$3,292,606	2
6	Garlic Seed	\$2,711,172	9
7	Wild Rice	\$1,081,325	~
8	Misc. Nursery Crops	\$1,000,000	7
9	Mint	\$970,560	6
10	Alfalfa Seed	\$629,475	10

## ORGANIC FARMING STATISTICS

Alfalfa Hay	1514.4 acres certified
Grass/Triticale Hay	300 acres certified
Grass Hay	30 acres certified
Triticale Hay	200 acres certified
Pasture & Rangeland	3500 acres certified
Endive	32.6 acres certified



## MILLION DOLLAR CROPS

# ANNUAL SUSTAINABLE AGRICULTURE REPORT

## 2009

### **PEST ERADICATION**

### **NET ACRES**

Scotch thistle	Chemical	4616
Musk thistle	Chemical	1.5
Squarrose knapweed	Chemical	0.325
Spotted knapweed	Chemical/Mechanical	12.42
Dalmatian toadflax	Chemical/Mechanical	3.13
Yellow starthistle	Chemical/Mechanical	1.9
Tall whitetop	Chemical	8.98
Short whitetop	Chemical	2.5
Diffuse knapweed	Chemical	0.5
Puncturevine	Chemical/ Biological	3.5
Rush skeletonweed	Chemical	2.5
Russian knapweed	Chemical	103
Leafy spurge	Chemical	1
Showy milkweed	Chemical	1
Purple starthistle	Chemical	2.5

### **PEST EXCLUSION**

Exotic Pests and/or Target Pests	Incoming plant material via UPS Air, Truck or Mail	Shipments Inspected
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### **PEST DETECTION**

Gypsy Moth	110 Traps in Lassen County	None Detected
Japanese Beetle	2 Traps in Lassen County	None Detected
Light Brown Apple Moth	75 traps in Lassen County	None Detected

# Facts about Lassen County

Lassen County is located 226 miles north of Sacramento in the northeastern corner of California. Its eastern border is the state of Nevada and it is surrounded by Modoc, Shasta, Plumas and Sierra Counties. It is about the size of the state of Connecticut. The average elevation is 4,245 above sea level. The terrain varies from open valleys and mountain meadows to forested plateaus, and high mountain peaks and ranges. The average summer high is 89° and average winter daytime temperatures are in the 40's.

## GENERAL FACTS

Land area: 4557 sq. mi. or 2,916,480 acres

Water area: 163.1 sq. mi.

Population density: 8 people per square mile

County population in July 2008: 34,574 (41% urban, 59% rural)

## AGRICULTURE IN LASSEN COUNTY

Average size of farms: 1150 acres

The value of livestock, poultry, and their products as a percentage of the total market value of agricultural products sold: 43.09%

Harvested cropland as a percentage of land in farms: 8.94%

Irrigated harvested cropland as a percentage of land in farms: 77.57%

The percentage of farms operated by a family or individual: 87.59%

Average age of principal farm operators: 55 years

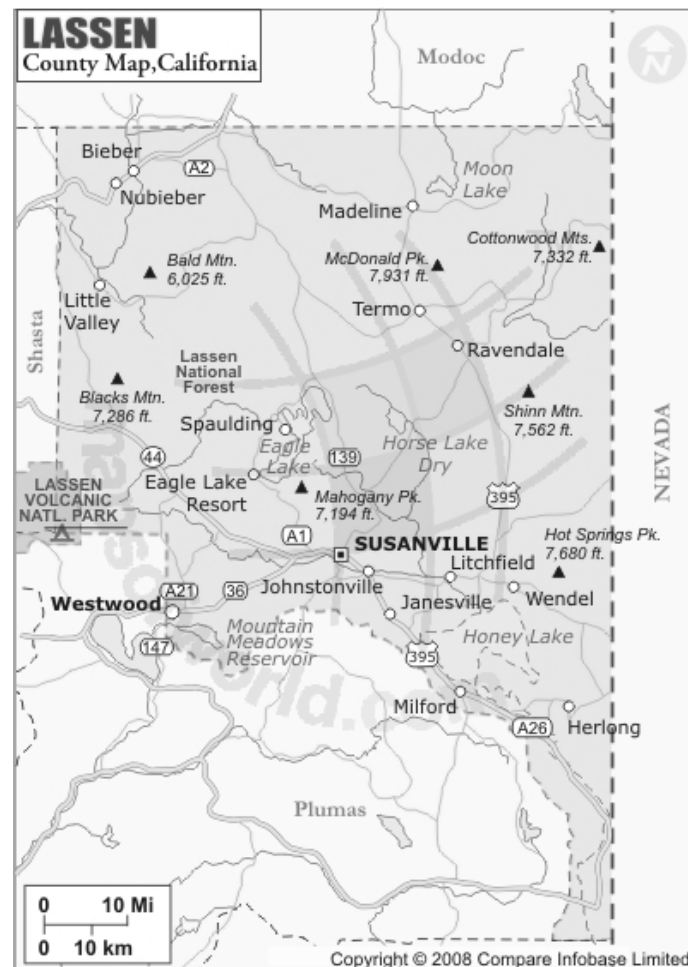
Average number of cattle and calves per 100 acres of all land in farms: 10.24

Milk cows as a percentage of all cattle and calves: 0.08%

All wheat for grain: 1446 harvested acres

Vegetables: 438 harvested acres

Land in orchards: 24 acres



# 2009 National Environmental Stewardship Award



Ramsey, Callie, Darrell and Dallice Wood

Leavitt Lake Ranches, owned and operated by Darrell Wood, his wife Callie, son Ramsey and daughter Dallice was the recipient of the 2009 National Environmental Stewardship Award. This family has ranching in their blood, with ties dating back to the 1860's.

Like many young couples, Darrell and Callie started with little more than a vision of what they wanted in the future. Their vision, to restore ranches that had been owned by Darrell's family, was the driving force that brought them to where they are today. Little by little they began to acquire ranches and cattle, and eventually were able to buy property formerly owned by family.

Today their registered and commercial Angus herd consists of 600 mother cows, 400 yearlings. They own 3670 acres of private land, farm 600 acres of alfalfa and 900 acres of irrigated pasture. In addition, they manage 25,000 acres of Bureau of Land Management permits and lease 11,000 acres for winter and summer range.

Through a variety of practices, the Wood family has strived to protect and improve the land and the wildlife habitat upon which they make their living.