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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Inyo-Mono County 2005-2009

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics,  
<http://giannini.ucop.edu/>.

The work was completed by the staff of the Giannini Foundation Library, University of California, Berkeley, <http://are.berkeley.edu/library/>. **Please contact the Library to consult the originals.**

# Counties of Inyo and Mono Agriculture Department



First cut alfalfa – Hammil Valley, Mono County

## 2005 Annual Crop and Livestock Report



## Counties of Inyo-Mono



GEORGE L. MILOVICH  
AGRICULTURAL COMMISSIONER  
DIRECTOR OF WEIGHTS AND MEASURES  
207 W. SOUTH ST. • BISHOP, CA 93514 • TELEPHONE (760) 873-7860

inyomono@inyocoag.com

June 8, 2006

TO: A.G. Kawamura, Secretary  
California Department of Food and Agriculture

and the Honorable

Inyo County Board of Supervisors

Mono County Board of Supervisors

Linda Arcularius  
Jim Bilyeu  
Susan Cash  
Richard Cervantes  
Ted Williams

Tom Farnetti  
D. "Hap" Hazard  
Byng Hunt  
Vikki Magee-Bauer

It is my pleasure to present the 2005 Agricultural Crop and Livestock Report. This report is a compilation of crop production and estimated values of commodities grown in Inyo and Mono Counties.

The combined Counties' agricultural production for 2005 totaled \$43,587,800 which represents a .94% increase from 2004.

Beef and alfalfa production was strong for 2005 and continues to be our primary production crops. Row crop production was down due to the loss of carrots grown in this region.

Agriculture continues as the second largest industry and an integral part of Inyo and Mono Counties' economy. Values represented here are gross agricultural values only and are submitted in accordance with Section 2279 of the California Food and Agriculture Code.

My appreciation goes out to the growers and agencies that provide data and to my staff for their help and vigilance in putting this report together.

Sincerely,

A handwritten signature in black ink, appearing to read "George L. Milovich".

George L. Milovich  
Agricultural Commissioner

**COUNTY OF INYO**  
**LIVESTOCK**

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
<b>CATTLE &amp; CALVES</b>						
Calves/Steers	2005	5,250	28,875	Cwt.	\$110.00	\$3,176,250
	2004	5,450	28,612	Cwt.	\$101.00	\$2,889,812
Heifers	2005	4,420	23,205	Cwt.	\$105.00	\$2,436,525
	2004	4,360	20,710	Cwt.	\$ 98.00	\$2,029,580
Cows	2005	2,200	24,200	Cwt.	\$ 75.00	\$1,815,000
	2004	2,600	26,000	Cwt.	\$ 65.00	\$1,690,000
Bulls	2005	225	3,375	Cwt.	\$ 65.00	\$ 219,375
	2004	225	3,037	Cwt.	\$ 58.00	\$ 176,146
Stockers (gain)	2005	3,500	-	Cwt.	\$ 1.00	\$1,225,000
	2004	3,500	-	Cwt.	\$ 90.00	\$ 945,000
<b>SHEEP &amp; LAMBS</b>						
	2005	3,500	3,150	Cwt.	\$ 78.00	\$ 245,700
	2004	3,000	2,700	Cwt.	\$ 83.00	\$ 224,100
<b>TOTAL LIVESTOCK</b>				2005	<b>\$9,117,850</b>	
				2004	<b>\$7,954,638</b>	

County of Inyo (continued)

**FIELD CROPS**

ITEM	YEAR	HARVESTED ACREAGE	YIELD PER ACRE	TOTAL YIELD	UNIT	PRICE PER UNIT	TOTAL
Alfalfa	2005	3,300	5.50	18,150	Ton	\$130.00	\$2,359,500
Hay	2004	3,400	5.25	17,850	Ton	\$115.00	\$2,052,750
Miscellaneous	2005	1,500	3.00	4,500	Ton	\$120.00	\$ 540,000
Hay	2004	1,700	3.00	5,100	Ton	\$100.00	\$ 510,000
Irrigated	2005	17,000	-	-	Acre	\$ 25.00	\$ 425,000
Pasture	2004	16,900	-	-	Acre	\$ 27.00	\$ 456,300
Dry Grazing	2005	208,000	-	-	Acre	\$ 2.25	\$ 468,000
	2004	210,000	-	-	Acre	\$ 2.75	\$ 577,500
<b>TOTAL FIELD CROPS</b>					2005	<b>\$3,792,500</b>	
					2004	<b>\$3,596,550</b>	

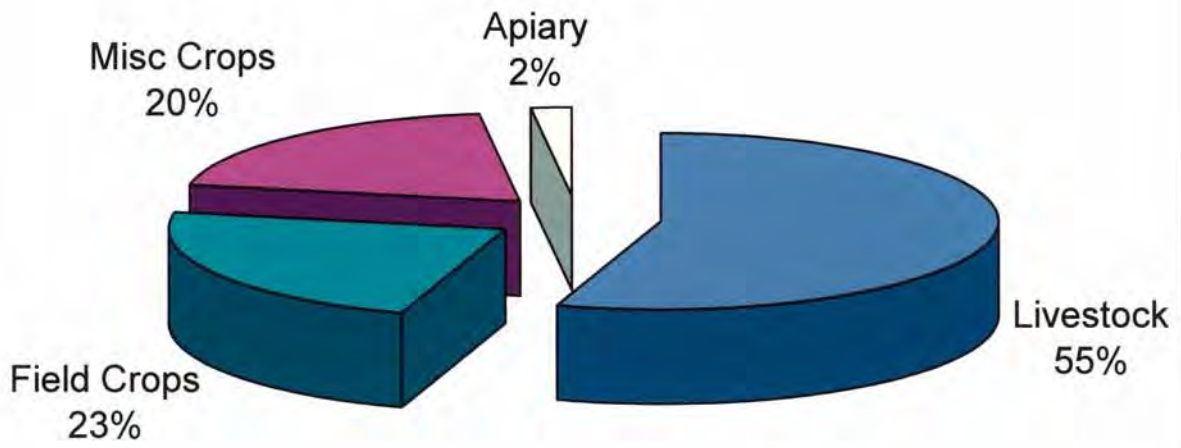
**MISCELLANEOUS CROP PRODUCTION**

ITEM	YEAR	ACREAGE	TOTAL YIELD	TOTAL	
Garlic	2005	0	-	\$ 0	
	2004	50	-	\$ 125,000	
Turf	2005	375	-	\$3,104,000	
	2004	260	-	\$2,250,000	
Miscellaneous	2005	30	20,000	\$ 75,000	
Fruit	2004	20	14,000	\$ 65,000	
Miscellaneous	2005	0	-	\$ 0	
Vegetables	2004	0	-	\$ 0	
Miscellaneous	2005	0	-	\$ 0	
Nursery	2004	0	-	\$ 0	
<b>TOTAL MISCELLANEOUS CROP PRODUCTION</b>				2005	<b>\$3,179,000</b>
				2004	<b>\$2,340,000</b>

**APIARY**

ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL
Honey	2005	500,000	Lbs.	\$1.05	\$ 525,000
	2004	300,000	Lbs.	\$1.50	\$ 450,000
<b>TOTAL APIARY</b>				2005	<b>\$525,000</b>
				2004	<b>\$450,000</b>

**COUNTY OF INYO**  
**2005 AGRICULTURAL VALUES**





## INYO COUNTY TOTALS

	2004 =====	2005 =====
Livestock	\$ 7,954,638	\$ 9,117,850
Field Crops	3,596,550	3,792,500
Miscellaneous Crop Production	2,340,000	3,179,000
Apiary	450,000	525,000
	=====	=====
<b>TOTALS</b>	<b>\$14,341,188</b>	<b>\$16,614,350</b>



**COUNTY OF MONO**  
**LIVESTOCK**

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
<b>CATTLE &amp; CALVES</b>						
Calves/Steers	2005	7,200	39,600	Cwt.	\$110.00	\$4,356,000
	2004	6,800	35,000	Cwt.	\$101.00	\$3,535,000
Heifers	2005	6,200	32,550	Cwt.	\$105.00	\$3,417,750
	2004	5,800	26,000	Cwt.	\$ 98.00	\$2,548,000
Cows	2005	2,500	30,000	Cwt.	\$ 75.00	\$2,250,000
	2004	2,300	23,000	Cwt.	\$ 65.00	\$1,495,000
Bulls	2005	250	3,750	Cwt.	\$ 65.00	\$ 243,750
	2004	230	3,010	Cwt.	\$ 58.00	\$ 174,580
Stockers (gain)	2005	16,000	-	Cwt.	\$ 1.00	\$5,600,000
	2004	15,000	-	Cwt.	\$ 90.00	\$4,050,000
<b>SHEEP &amp; LAMBS</b>						
	2005	16,000	-	Cwt.	\$ 78.00	\$1,248,000
	2004	16,000	12,150	Cwt.	\$ 83.00	\$1,008,450
<b>TOTAL LIVESTOCK</b>				2005	<b>\$17,115,500</b>	
				2004	<b>\$12,811,030</b>	

**FIELD CROPS**

ITEM	YEAR	HARVESTED ACREAGE	YIELD PER ACRE	TOTAL YIELD	UNIT	PRICE PER UNIT	TOTAL
Alfalfa	2005	9,600	5.50	52,800	Ton	\$130.00	\$6,864,000
Hay	2004	8,300	5.50	45,650	Ton	\$115.00	\$5,249,750
Miscellaneous	2005	2,200	3.50	7,700	Ton	\$120.00	\$ 924,000
Hay	2004	2,500	3.50	8,750	Ton	\$100.00	\$ 875,000
Irrigated	2005	57,000	-	-	Acre	\$ 25.00	\$1,425,000
Pasture	2004	55,000	-	-	Acre	\$ 28.00	\$1,540,000
Dry Grazing	2005	80,000	-	-	Acre	\$ 2.50	\$ 200,000
	2004	80,000	-	-	Acre	\$ 3.20	\$ 256,000
						2005	\$9,413,000
<b>TOTAL FIELD CROPS</b>							
						2004	\$7,920,750

**ROW CROP PRODUCTION**

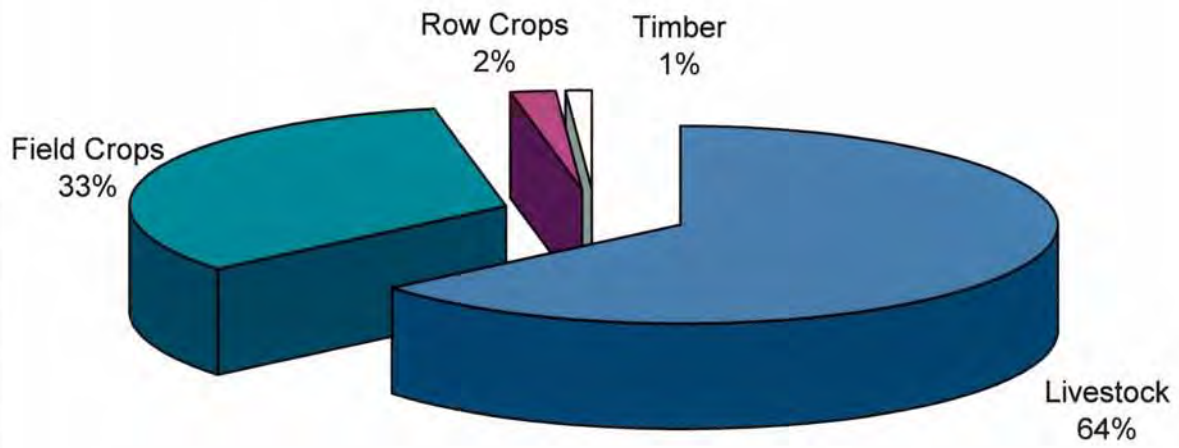
ITEM	YEAR	ACREAGE	TOTAL	
Garlic	2005	156	\$ 414,950	
	2004	240	\$ 500,000	
Carrots	2005	0	\$ 0	
	2004	600	\$5,000,000	
			2005	\$ 414,950
<b>TOTAL ROW CROP PRODUCTION</b>				
			2004	\$5,500,000

**TIMBER**

ITEM	YEAR	TOTAL	
Timber/Firewood	2005	\$ 30,000	
	2004	\$ 77,000	
		2005	\$ 30,000
<b>TOTAL TIMBER</b>			
		2004	\$ 77,000

# COUNTY OF MONO

## 2005 AGRICULTURAL VALUES





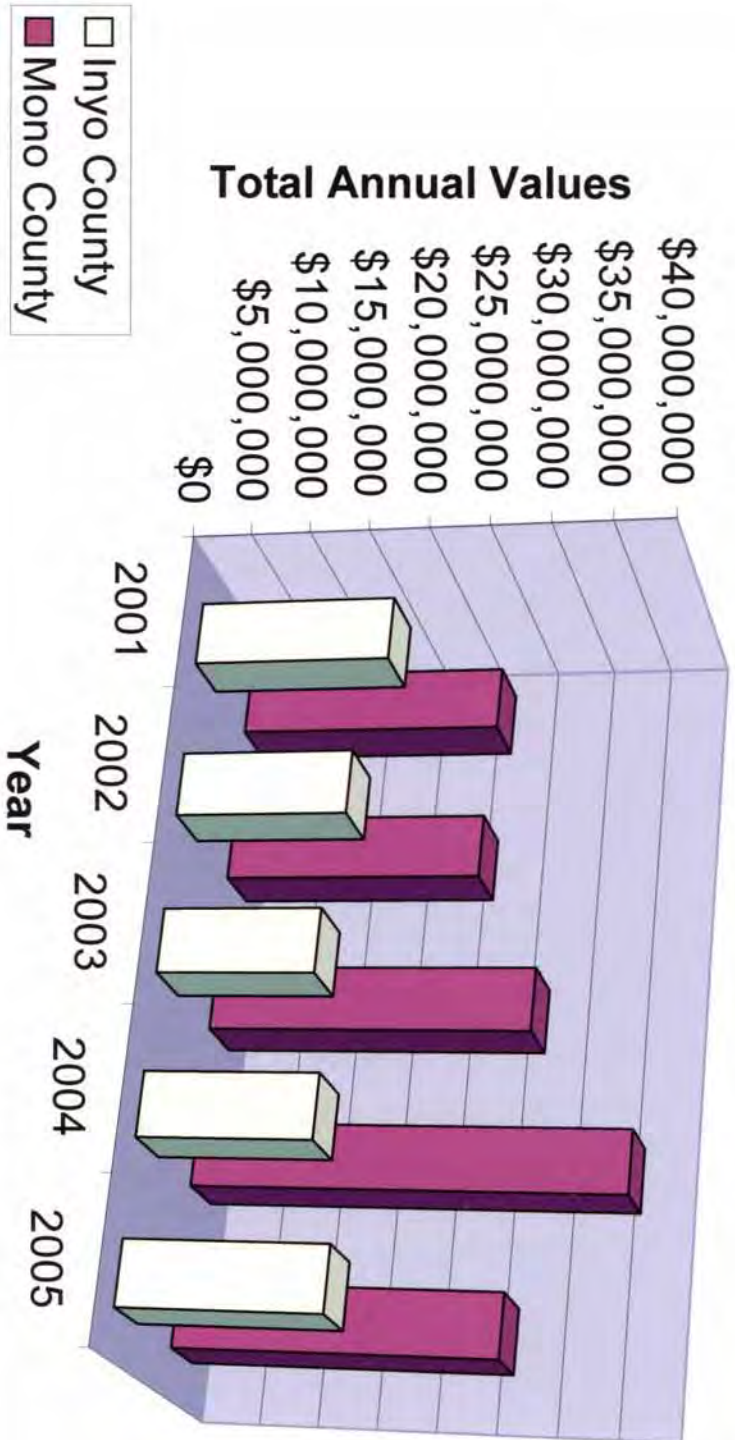
### MONO COUNTY TOTALS

	<u>2004</u>	<u>2005</u>
Livestock	\$12,811,030	\$17,115,500
Field Crops	7,920,750	9,413,000
Row Crop Production	5,500,000	414,950
Timber	77,000	30,000
	=====	=====
<b>TOTALS</b>	<b>\$26,308,780</b>	<b>\$26,973,450</b>



# COMPARISON SUMMARY

Inyo/Mono Agricultural Values 2001-2005

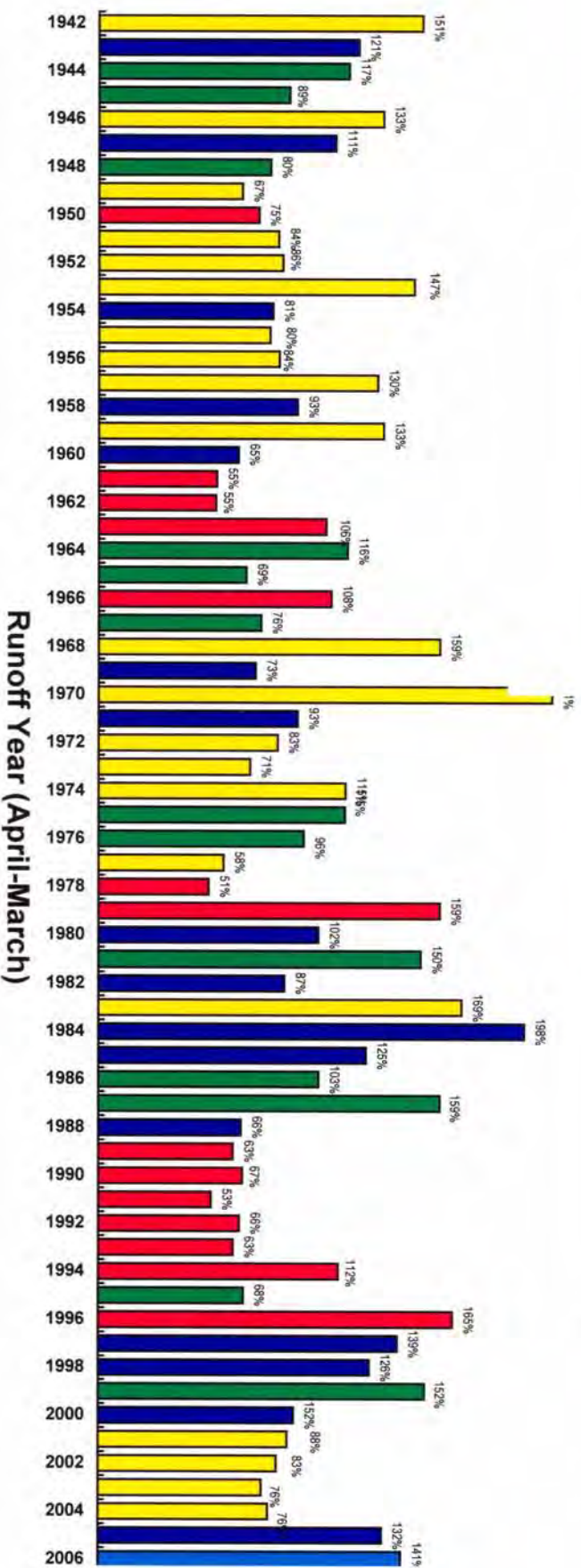


# COMPARISON SUMMARY

2001 -- 2005

	2001 =====	2002 =====	2003 =====	2004 =====	2005 =====
INYO COUNTY TOTALS	\$16,389,438	\$14,239,480	\$13,043,625	\$14,341,188	\$16,614,350
MONO COUNTY TOTALS	\$22,354,250	\$21,893,495	\$27,412,250	\$26,308,780	\$26,973,450
<b>COMBINED TOTALS</b>	<b>\$38,743,688</b>	<b>\$36,132,975</b>	<b>\$40,455,875</b>	<b>\$40,649,968</b>	<b>\$43,587,800</b>

# EASTERN SIERRA NEVADA RUNOFF (Mono Basin & Owens Valley) Percent of Normal



## ANNUAL SUSTAINABLE AGRICULTURE REPORTING

### PEST ERADICATION

PEST	AGENT/MECHANISM	SCOPE OF PROGRAM
Puncture Vine	Biological control (Stem and Seed Weevils)	25 sites
Dalmatian Toadflax	Mechanical	1 site
Yellow Star Thistle	Mechanical	3 sites
Russian Knapweed	Herbicide	7 sites
Hoary Cress	Herbicide	2 site
Canada Thistle	Herbicide	20 sites
Spotted Knapweed	Herbicide	2 sites
Halogeton	Mechanical	4 sites
Russian Thistle	Herbicide	1 site
Scotch Thistle	Herbicide	5 sites
Camelthorn	Herbicide	1 site
Saltcedar	Biological control (Tamarisk Leaf Eating Beetle)	3 sites
Saltcedar	Mechanical/Herbicide	100 sites
Perennial Pepperweed	Mechanical/Herbicide	82 sites

### PEST EXCLUSION

#### IMPORTED PLANT MATERIAL

Exotic and/or target pests	Incoming plant material via UPS, air, truck, mail	3,268 shipments inspected
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### ORGANIC FARMING STATISTICS

Three organic farms registered in 2005

### EASTERN SIERRA CERTIFIED FARMERS MARKET

5 growers participated in the 2005 Farmers Markets.  
Commodities sold included melons, tree fruit, row crops, herbs and honey.

# Counties of Inyo and Mono Agriculture Department



Point Ranch Livestock Scale ~ Bridgeport, Mono County

(Photo: Nathan Reade)

## 2006 Annual Crop and Livestock Report



## Counties of Inyo-Mono



GEORGE L. MILOVICH  
AGRICULTURAL COMMISSIONER  
DIRECTOR OF WEIGHTS AND MEASURES  
207 W. SOUTH ST. • BISHOP, CA 93514 • TELEPHONE (760) 873-7860  
inyomonoag@gmail.com

June 14, 2007

TO: A.G. Kawamura, Secretary  
California Department of Food and Agriculture

and the Honorable

Inyo County Board of Supervisors

Mono County Board of Supervisors

Linda Arcularius  
Jim Bilyeu  
Susan Cash  
Richard Cervantes  
Beverly Brown

Tom Farnetti  
D. "Hap" Hazard  
Byng Hunt  
Vikki Magee-Bauer  
Bill Reid

It is my pleasure to present the 2006 Agricultural Crop and Livestock Report. This report is a compilation of crop production and estimated values of commodities grown in Inyo and Mono Counties.

The combined Counties' agricultural production for 2006 totaled \$47,361,970, which represents an approximate 1% increase from 2005.

An exceptionally wet year provided excellent forage and field crop yields. Price levels remained steady even though the U.S. export to Asian markets are yet to recover from past years.

Agriculture continues as the second largest industry and an integral part of Inyo and Mono Counties' economy. Values represented here are gross agricultural values only and are submitted in accordance with Section 2279 of the California Food and Agriculture Code.

My appreciation goes out to the growers and agencies that provide data and to Alyse for her help and vigilance in putting this report together.

Sincerely,

George L. Milovich  
Agricultural Commissioner

"Weights and measures may be ranked among the necessities of life to every individual of human society. They enter into the economical arrangements and daily concerns of every family. They are necessary to every occupation of human industry; to the distribution and security of every species of property; to every transaction of trade and commerce; to the labors of the husbandman; to the ingenuity of the artificer; to the studies of the philosopher; to the researches of the antiquarian; to the navigation of the mariner, and the marches of the soldier; to all the exchanges of peace, and all the operations of war. The knowledge of them, as in established use, is among the first elements of education, and is often learned by those who learn nothing else, not even to read and write. This knowledge is riveted in the memory by the habitual application of it to the employments of men throughout life."

**-John Quincy Adams**



## COUNTY OF INYO

### LIVESTOCK

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
<b>CATTLE &amp; CALVES</b>						
Calves/Steers	2006	5,600	30,800	Cwt.	\$112.00	\$3,449,600
	2005	5,250	28,875	Cwt.	\$110.00	\$3,176,250
Heifers	2006	4,760	24,990	Cwt.	\$108.00	\$2,698,920
	2005	4,420	23,205	Cwt.	\$105.00	\$2,436,525
Cows	2006	2,300	25,300	Cwt.	\$72.00	\$1,821,600
	2005	2,200	24,200	Cwt.	\$75.00	\$1,815,000
Bulls	2006	200	3,000	Cwt.	\$70.00	\$210,000
	2005	225	3,375	Cwt.	\$65.00	\$219,375
Stockers (gain)	2006	4,000	~	~	~	\$1,260,000
	2005	3,500	~	~	~	\$1,225,000
<b>SHEEP &amp; LAMBS</b>						
	2006	5,000	4,500	Cwt.	\$70.00	\$315,000
	2005	3,500	3,150	Cwt.	\$78.00	\$245,700
<b>TOTAL LIVESTOCK</b>				<b>2006</b>	<b>\$9,755,120</b>	
				<b>2005</b>	<b>\$9,117,850</b>	

County of Inyo (Continued)

**FIELD CROPS**

ITEM	YEAR	HARVESTED ACREAGE	YIELD PER ACRE	TOTAL YIELD	UNIT	PRICE PER UNIT	TOTAL
Alfalfa Hay	2006	3,000	6.00	18,000	Ton	\$132.00	\$2,376,000
	2005	3,300	5.50	18,150	Ton	\$130.00	\$2,359,500
Miscellaneous Hay	2006	1,650	4.00	6,600	Ton	\$128.00	\$844,800
	2005	1,500	3.00	4,500	Ton	\$120.00	\$540,000
Irrigated Pasture	2006	17,000	~	~	Acre	\$26.00	\$442,000
	2005	17,000	~	~	Acre	\$25.00	\$425,000
Dry Grazing	2006	208,000	~	~	Acre	\$3.50	\$728,000
	2005	208,000	~	~	Acre	\$2.25	\$468,000
<b>TOTAL FIELD CROPS</b>					<b>2006</b>	<b>\$4,390,800</b>	
					<b>2005</b>	<b>\$3,792,500</b>	

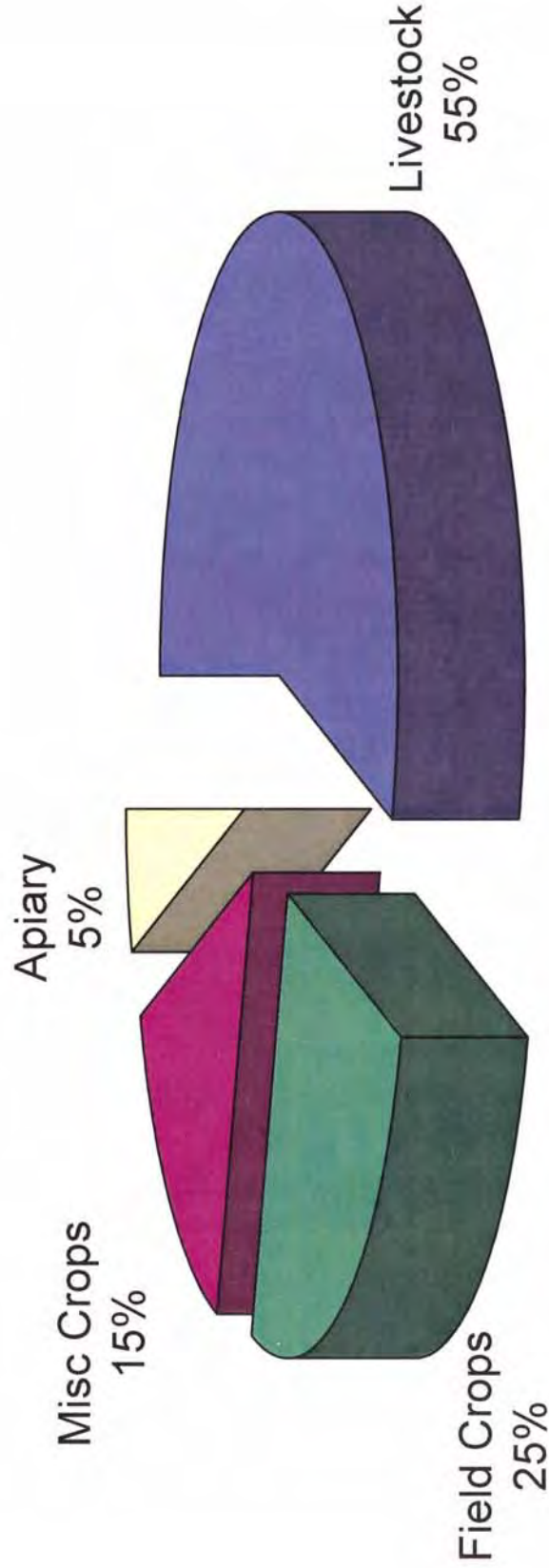
**MISCELLANEOUS CROP PRODUCTION**

ITEM	YEAR	ACREAGE	TOTAL YIELD	TOTAL	
Turf	2006	375	~	\$3,000,000	
	2005	375	~	\$3,104,000	
Miscellaneous Fruit	2006	30	25,000	\$100,000	
	2005	30	20,000	\$75,000	
<b>TOTAL MISCELLANEOUS CROP PRODUCTION</b>				<b>2006</b>	<b>\$3,100,000</b>
				<b>2005</b>	<b>\$3,179,000</b>

**APIARY**

ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL
Honey	2006	650,000	Lbs.	\$1.20	\$780,000
	2005	500,000	Lbs.	\$1.05	\$525,000
<b>TOTAL APIARY</b>				<b>2006</b>	<b>\$780,000</b>
				<b>2005</b>	<b>\$525,000</b>

**COUNTY OF INYO**  
**2006 AGRICULTURAL VALUES**





### INYO COUNTY TOTALS

	<u>2005</u>	<u>2006</u>
Livestock	\$9,117,850	\$9,755,120
Field Crops	\$3,792,500	\$4,390,800
Miscellaneous Crop Production	\$3,179,000	\$3,100,000
Apriary	\$525,000	\$780,000
	<hr/>	<hr/>
<b>TOTALS</b>	<b>\$16,614,350</b>	<b>\$18,025,920</b>



**COUNTY OF MONO  
LIVESTOCK**

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
<b>CATTLE &amp; CALVES</b>						
Calves/Steers	2006	7,500	41,250	Cwt.	\$112.00	\$4,620,000
	2005	7,200	39,600	Cwt.	\$110.00	\$4,356,000
Heifers	2006	6,400	33,600	Cwt.	\$108.00	\$3,628,800
	2005	6,200	32,550	Cwt.	\$105.00	\$3,417,750
Cows	2006	3,000	33,000	Cwt.	\$72.00	\$2,376,000
	2005	2,500	30,000	Cwt.	\$75.00	\$2,250,000
Bulls	206	215	3,225	Cwt.	\$70.00	\$225,750
	2005	250	3,750	Cwt.	\$65.00	\$243,750
Stockers (gain)	2006	17,500	~	~	~	\$5,512,500
	2005	16,000	~	~	~	\$5,600,000
<b>SHEEP &amp; LAMBS</b>	2006	18,000	16,200	Cwt.	\$70.00	\$1,134,000
	2005	16,000	14,400	Cwt.	\$78.00	\$1,248,000

<b>TOTAL LIVESTOCK</b>	<b>2006</b>	<b>\$17,497,050</b>
	<b>2005</b>	<b>\$17,115,500</b>

County of Mono (Continued)

**FIELD CROPS**

ITEM	YEAR	HARVESTED ACREAGE	YIELD PER ACRE	TOTAL YIELD	UNIT	PRICE PER UNIT	TOTAL
Alfalfa Hay	2006	10,000	6.00	60,000	Ton	\$132.00	\$7,920,000
	2005	9,600	5.50	52,800	Ton	\$130.00	\$6,864,000
Miscellaneous Hay	2006	3,500	4.00	14,000	Ton	\$128.00	\$1,792,000
	2005	2,200	3.50	7,700	Ton	\$120.00	\$924,000
Irrigated Pasture	2006	57,000	~	~	Acre	\$26.00	\$1,482,000
	2005	57,000	~	~	Acre	\$25.00	\$1,425,000
Dry Grazing	2006	80,000	~	~	Acre	\$5.00	\$400,000
	2005	80,000	~	~	Acre	\$2.50	\$200,000
<b>TOTAL FIELD CROPS</b>					<b>2006</b>	<b>\$11,594,000</b>	
					<b>2005</b>	<b>\$9,413,000</b>	

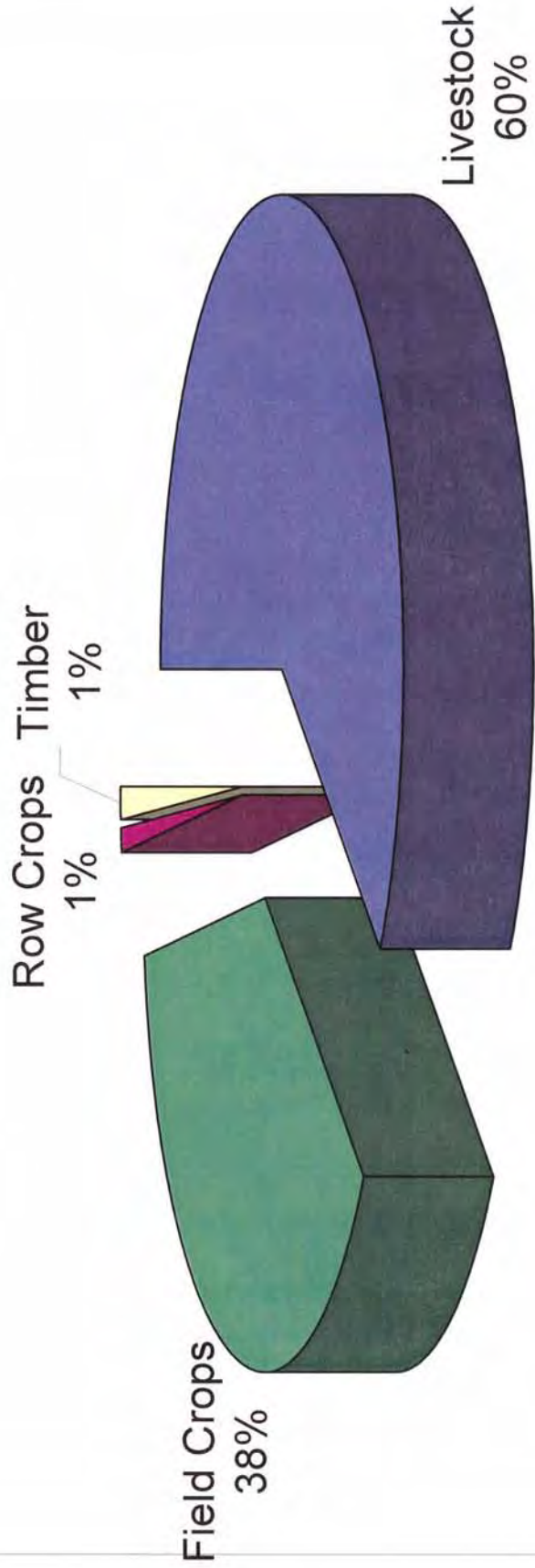
**ROW CROP PRODUCTION**

ITEM	YEAR	ACREAGE	TOTAL YIELD	TOTAL
Garlic	2006	150	~	\$220,000
	2005	156	~	\$414,950
<b>TOTAL ROW CROP PRODUCTION</b>				<b>2006</b>
				<b>2005</b>
				<b>\$220,000</b>
				<b>\$414,950</b>

**TIMBER**

ITEM	YEAR	TOTAL
Timber/Firewood	2006	\$25,000
	2005	\$30,000
<b>TOTAL TIMBER</b>		<b>2006</b>
		<b>2005</b>
		<b>\$25,000</b>
		<b>\$30,000</b>

**COUNTY OF MONO**  
**2006 AGRICULTURAL VALUES**



County of Mono (Continued)



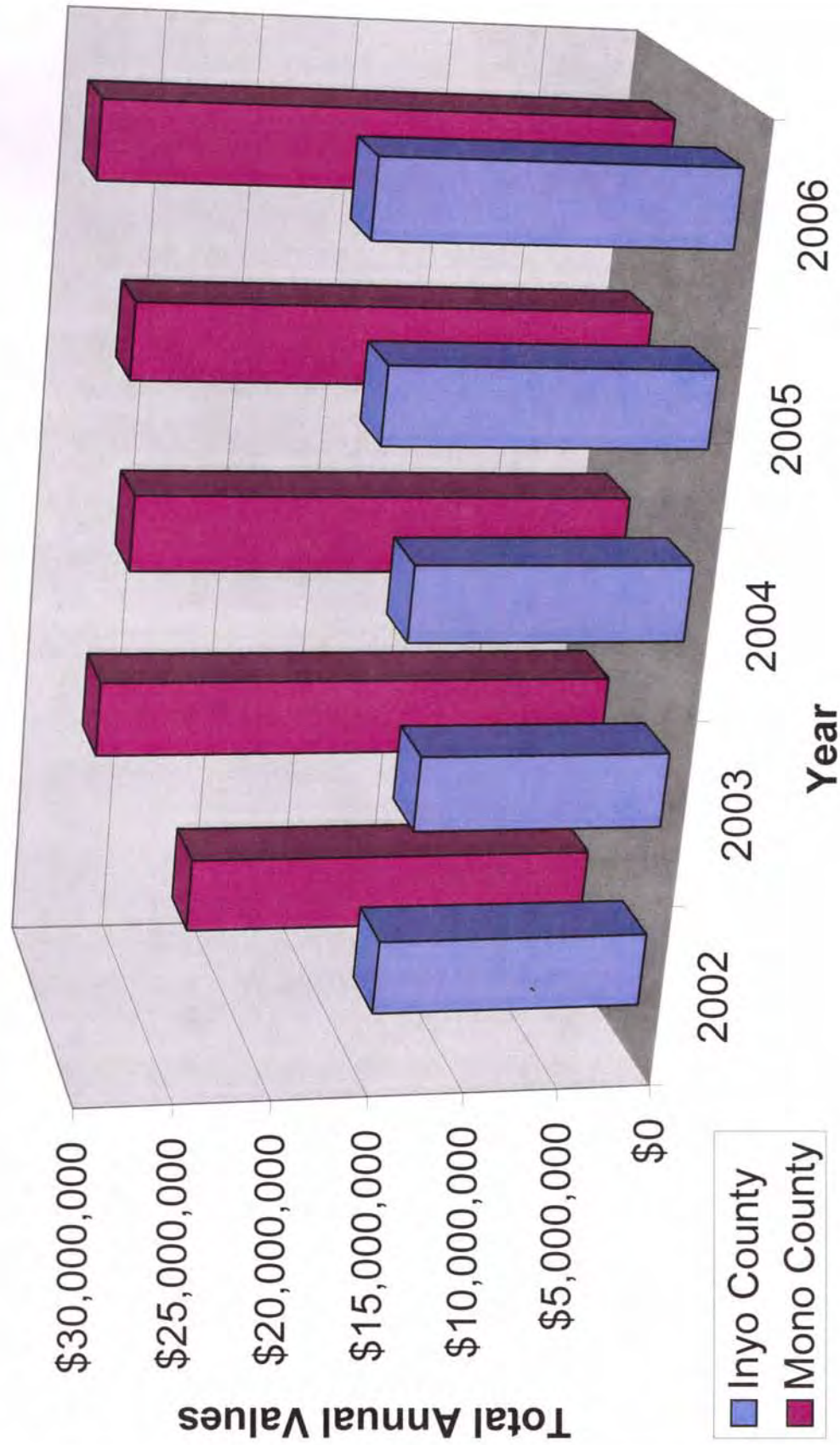
**MONO COUNTY TOTALS**

	<u>2005</u>	<u>2006</u>
Livestock	\$17,115,500	\$17,497,050
Field Crops	\$9,413,000	\$11,594,000
Miscellaneous Crop Production	\$414,950	\$220,000
Apriary	\$30,000	\$25,000
	<hr/>	<hr/>
<b>TOTALS</b>	<b>\$26,973,450</b>	<b>\$29,336,050</b>



# COMPARISON SUMMARY

## Inyo/Mono Agricultural Values 2002-2006





COMPARISON SUMMARY

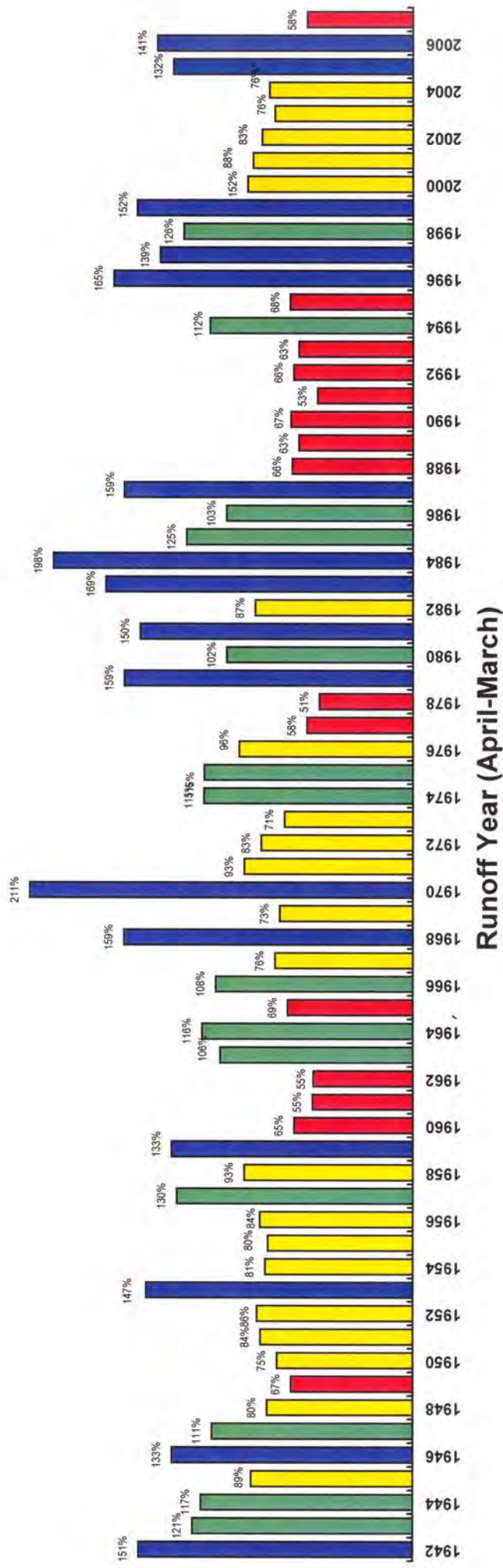
2002 -- 2006

	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
INYO COUNTY TOTALS	\$14,239,480	\$13,043,625	\$14,341,188	\$16,614,350	\$18,025,920
MONO COUNTY TOTALS	\$21,893,495	\$27,412,250	\$26,308,780	\$26,973,450	\$29,336,050
<hr/>					
<b>COMBINED TOTALS</b>	<b>\$36,132,975</b>	<b>\$40,455,875</b>	<b>\$40,649,968</b>	<b>\$43,587,800</b>	<b>\$47,361,970</b>



# EASTERN SIERRA NEVADA RUNOFF (Mono Basin & Owens Valley)

Percent of Normal



# ANNUAL SUSTAINABLE AGRICULTURE REPORTING

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## PEST ERADICATION

PEST	AGENT/MECHANISM	SCOPE OF PROGRAM
Puncture Vines	Biological control (Stem and Seed Weevils)	25 sites
Dalmation Toadflax	Mechanical	2 sites
Yellow Star Thistle	Mechanical	2 sites
Russian Knapweed	Herbicide	8 sites
Hoary Cress	Herbicide	2 sites
Canada Thistle	Herbicide	20 sites
Spotted Knapweed	Herbicide	2 sites
Halogeton	Mechanical	4 sites
Scotch Thistle	Herbicide	5 sites
Camelthorn	Herbicide	1 site
Saltcedar	Biological control (Tamarisk Leaf Eating Beetle)	3 sites
Saltcedar	Mechanical/Herbicide	100 sites
Perennial Pepperweed	Mechanical/Herbicide	89 sites

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## PEST EXCLUSION

### IMPORTED PLANT MATERIAL

Exotic and/or target pests	Incoming plant material via UPS, air, truck, mail	1,005 shipments inspected
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## ORGANIC FARMING STATISTICS

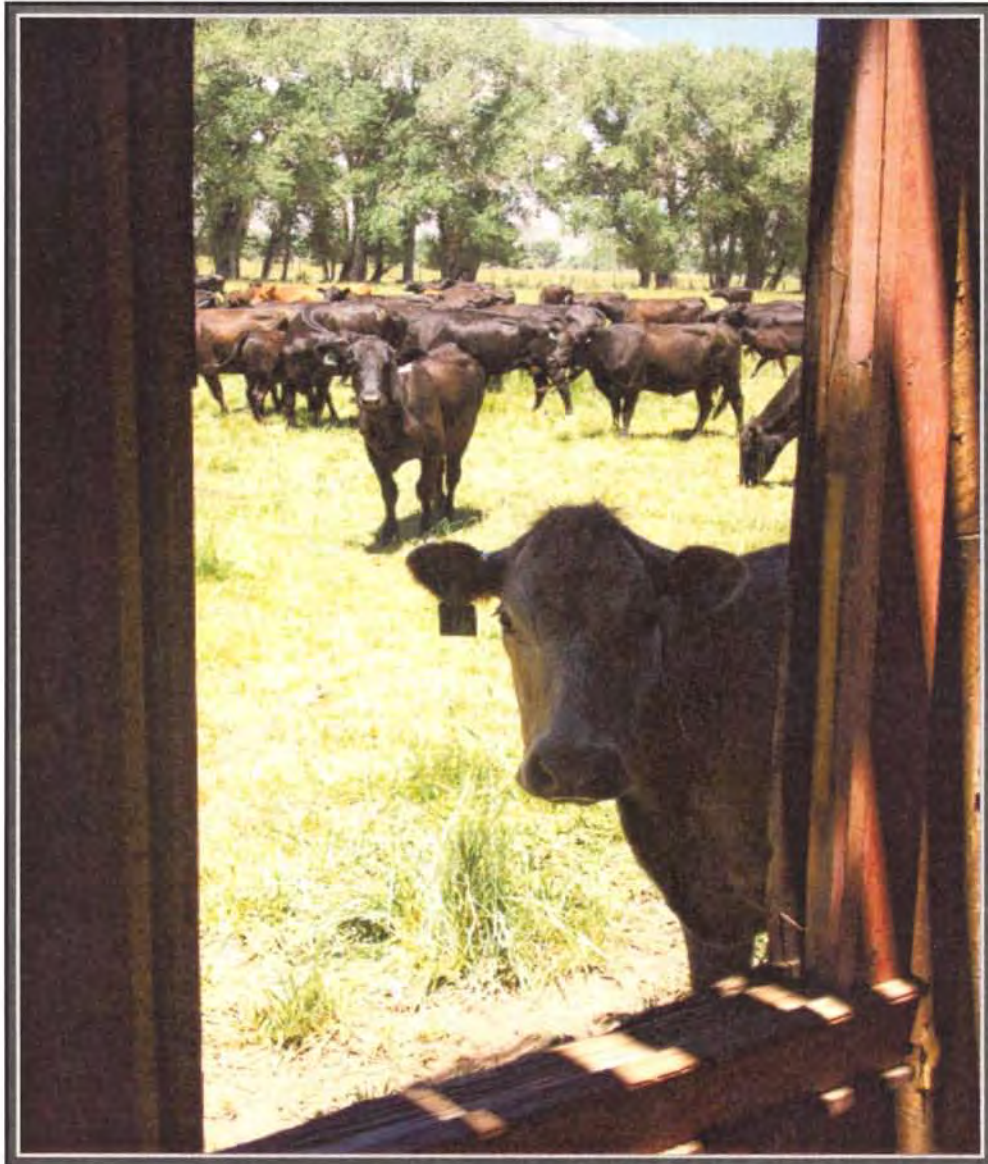
Six organic farms registered in 2006

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## EASTERN SIERRA CERTIFIED FARMERS MARKET

5 growers participated in the 2006 Farmers Markets.  
Commodities sold including melons, tree fruit, row crops, herbs and honey.

# Counties of Inyo and Mono Agriculture Department



Evans Ranch ~ Round Valley

Photo: John Schrader

## 2007 Annual Crop and Livestock Report



## Counties of Inyo & Mono



George L. Milovich  
Agricultural Commissioner  
Director of Weights and Measures  
207 W. South Street, Bishop, CA 93514  
Telephone - (760) 873-7860 Fax - (760) 872-1610  
<http://www.InyoMonoAgriculture.com>  
E-mail - InyoMonoAg@gmail.com

July 9, 2008

TO: A.G. Kawamura, Secretary  
California Department of Food and Agriculture

and the Honorable

Inyo County Board of Supervisors

Mono County Board of Supervisors

Linda Arcularius  
Jim Bilyeu  
Beverly Brown  
Susan Cash  
Richard Cervantes

Tom Farnetti  
D. "Hap" Hazard  
Byng Hunt  
Vikki Magee-Bauer  
Bill Reid

It is my pleasure to present the 2007 Agricultural Crop and Livestock Report. This report is a compilation of crop production and estimated values of commodities grown in Inyo and Mono Counties.

The combined Counties' agricultural production for 2007 totaled \$56,903,900.00, which represents an approximate 17% increase from 2006.

One of our driest years in recent history led to reductions in both livestock numbers and some row crops. Alfalfa, due to factors such as high corn prices led to an increase in value. Our high desert protein rich alfalfa hay continues to be in demand.

Agriculture continues as one of the integral parts of Inyo and Mono Counties' economy. Values represented here are gross agricultural values only and are submitted in accordance with Section 2279 of the California Food and Agriculture Code.

My appreciation goes out to the growers and agencies that provided data and to Robin and Jennifer for their help and vigilance in putting this report together.

Sincerely,

George L. Milovich  
Agricultural Commissioner

/jfs

**Inyo and Mono Counties  
Agricultural Commissioner's Office:**

**Agriculture and Weights and Measures Departments**

**Eastern Sierra Weed Management Area, a joint powers program**

**Owens Valley Mosquito Abatement Program**

**Mission Statement**

The Inyo and Mono Counties' Agricultural Commissioner's Office is entrusted with the mission of protecting the agriculture industry of the Counties and its environment, ensuring the health and safety of the Counties' citizens, and fostering confidence and equity in the market place through education and the fair and uniform enforcement of laws, regulations, and ordinances enacted by the people of the State of California and the Counties of Inyo and Mono.

**Staff**

George L. Milovich - Agricultural Commissioner / Director of Weights and Measures

John Schrader - Deputy Agricultural Commissioner / Deputy Director of Weights and Measures

Robin Conklin - Executive Secretary

Jennifer Sarten - Account Technician I

Nathan Reade - Program Coordinator / Eastern Sierra Weed Management Area

Carlos Paz - Field Technician II

Scott Gadea – Field Assistant

Joshua Tyerman – Field Assistant

Jerrold Oser - Manager / Owens Valley Mosquito Abatement Program

Robert Miller - Mosquito Control Technician III

Bruce Mack - Field Technician I

Casey Freeman - Field Technician I

David Miller - Mosquito Helper

Michael Harrison – Mosquito Helper

## The Evolution of Agriculture and Weights and Measures

The California Department of Food and Agriculture traces its origins to the needs of 100 years ago to protect the State's crops from the ravages of pests both domestic and imported. Then, as now, one of the principle weapons employed was a legal device called a "quarantine", which derives from the French word "quarante", meaning "forty". The quarantine came about as a detention device, its first use being in the year 1340 when passengers on ships bound for Venice, Italy, were detained on board ship for 40 days. This was considered a long enough period to determine whether or not those passengers carried with them the Black Plague, which was killing many people in Europe in the mid-14th century.

California's first statewide program, which was the start of the present Department of Food and Agriculture, began with "An Act For the Promotion of Viticultural Industries of the State" on April 5, 1880. It provides for the appointment of a Board of State Viticultural Commissioners whose duties included the study of the grape root rot disease, *Phylloxera*. The Act specified that the University of California was responsible for instruction and experiments - a concept still existing today - giving the University the authority for research and the Department the regulatory functions. The Act provided for seven viticultural districts.

Until the year 1911, the duties of the State Board of Horticulture, the State Commissioner of Horticulture, county boards of horticulture commissioners and the county horticulture commissioners were limited to just a few obligations. They had to do with preventing the introduction into the state of the pests from outside its boundaries, prevention of spread of insect pests and plant diseases through the media of nursery stock, fruit boxes, and other containers, and the inspection of nurseries. The years that followed would find the duties not only intensified in the same areas, but expanded into many other aspects of agriculture.

In the beginning the regulatory concern was to protect the California farmer from the depredations of exotic pests. After 1911, these duties were to be expanded to include concerns of the market place (standardization), and such cultural aids as assistance to the farmer in weed control and control of rodents and other damaging creatures. Later, they would enlarge to assure the farmer honest weights and measures, and protection from unscrupulous middlemen. Finally, the regulations would blossom into the full relationship of the farmer and the consumer.

Today, the California Department of Food and Agriculture and County Agricultural Commissioners are as busy helping the consumer as they are the farmer. They keep exotic pests away from the farmer's fields by fighting them in city gardens, where they nearly always are found first in the State. By so doing, they are affording city people as much protection as farmers, for these pests generally can wreak as much havoc in the city as in the country. They provide for, and oversee, standardization practices, thus insuring the farmers good markets for their products and insuring quality for consumers. They promote marketing of goods in a variety of ways, also assuring quality and quantity to consumers. They look after the health of livestock and plants, and the same benefits accrue to the consumer. They insist on measurement standards that also have dual blessings; and they assure the consumer and the farmer protection against the careless use of pesticides, thus affording protection to both people and the environment.

2005 was the 125<sup>th</sup> anniversary of the California Agricultural Commissioner and Sealer Association.

## **INYO and MONO COUNTIES AGRICULTURAL COMMISSIONER'S OFFICE**

The mission of the Inyo and Mono Counties Agricultural Commissioner's Office is to promote and protect the agricultural industry of the Counties, its environment, and to ensure the health and safety of all of its citizens. The department is also responsible for fostering confidence and equity in the marketplace.

The following are the main program areas:

### **ENVIRONMENTAL PROTECTION**

We protect the health and safety of all Inyo/Mono residents, its agricultural industries and its environment with a series of comprehensive regulatory programs designed to prevent the introduction of exotic pests and to ensure the safe use of pesticides. The five programs utilized to achieve these goals include:

\* Pest Exclusion \* Pest Detection \* Pest Eradication \* Pest Management \* Pesticide Enforcement \*

### **CONSUMER PROTECTION AND PRODUCT QUALITY**

Product quality programs are designed to ensure the production and sales of quality eggs, honey, fruits, vegetables, and nursery and seed products. The six programs include:

\* Fruit and Vegetable Quality Control \* Organic Food Production \*  
\* Egg Quality Control \* Certified Farmers' Markets \* Nursery Inspection \* Seed Inspection \*

### **SPECIAL AGRICULTURAL SERVICES**

Other special, mandated services acted upon by our department include:

\* Apiary Inspection \* Crop Statistics \* Sustainable Agriculture \*

### **WEIGHTS AND MEASURES**

Equity and fairness is the name of the game. Gasoline, firewood, a loaf of bread, or fruits and vegetables... Any item purchased is sold by weight, measure, or count. We protect the public from purchasing goods that are short weight or measure, and we protect businesses from giving their products and profits away when they use devices that could be inaccurate. We also verify that prices are correctly scanned at the counter, petroleum products meet quality standards, and weighmasters provide their customers accurate weighing devices. The eight programs in this category include:

\* Weight Verification \* Measurement Verification \* Petroleum \* Transaction Verification \*  
\* Electronic Meters \* Compressed Gas Meters \* Weighmaster \* Device Repairmen Regulation \*

### **EASTERN SIERRA WEED MANAGEMENT AREA**

This division consists of federal, state, county, and local agencies and entities of which the Agricultural Commissioner is the administrator. The Eastern Sierra Weed Management Area is solely dedicated to range management of the Eastern Sierras and the detection, eradication, and management of noxious, non-native weed species.

### **OWENS VALLEY MOSQUITO CONTROL PROGRAM**

The overall purpose of this program is to provide the public with a consistent level of mosquito control that directly reduces the threat of disease transmission and the spread of large nuisance populations of mosquitoes.

### **ADMINISTRATIVE AND EDUCATION OUTREACH**

The Agricultural Commissioner/Sealer of Weights and Measures is responsible for the administration of these programs. Staff also participates in a wide range of special projects intended to benefit Inyo/Mono citizens such as legislative process, public information, education outreach efforts, joint multi-agencies cooperation and inter-county agencies activities.

## INYO COUNTY – GENERAL INFORMATION

County Seat	Independence
County Population (2000 census)	17,945
Land Area (square miles)	10,142
Persons per Square Mile	1.77
Highest Elevation (Mount Whitney)	14,492 Feet
Lowest Elevation (Bad Water, Death Valley National Park)	282 feet below sea level
Land in Federal Ownership	92.0%
Land in State Ownership	2.4%
Land in City of Los Angeles Ownership	3.9%
Land in Private Ownership	1.7%

### Incorporated Cities/Towns:

Bishop

### Average Climate:

Bishop

Summer High -- 98°

Winter Low -- 22°

Death Valley

Summer High -- 115°

Winter Low -- 37°

### Unincorporated Areas:

Big Pine  
Cartago  
Independence  
Lone Pine  
Olancha  
Pearsonville  
Shoshone  
Tecopa



## MONO COUNTY – GENERAL INFORMATION

County Seat	Bridgeport
County Population (2000 census)	12,853
Land Area (square miles)	3,044
Persons per Square Mile	4.22
Highest Elevation (White Mountain)	14,242 Feet
Land in Federal Ownership	84.73%
Land in State Ownership	3.57%
Land in City of Los Angeles Ownership	3.24%
Land in Private Ownership	7.83%

### Incorporated Cities/Towns:

Mammoth Lakes

### Average Climate:

Bridgeport

Summer High -- 81°

Winter Low -- 8°

Chalfant Valley

Summer High -- 98°

Winter Low -- 22°

### Unincorporated Areas:

Benton  
Bridgeport  
Chalfant Valley  
Coleville  
Hammil Valley  
June Lake  
Lee Vining  
Tom's Place  
Walker



"Weights and measures may be ranked among the necessaries of life to every individual of human society. They enter into the economical arrangements and daily concerns of every family. They are necessary to every occupation of human industry; to the distribution and security of every species of property; to every transaction of trade and commerce; to the labors of the husbandman; to the ingenuity of the artificer; to the studies of the philosopher; to the researches of the antiquarian; to the navigation of the mariner, and the marches of the soldier; to all the exchanges of peace, and all the operations of war. The knowledge of them, as in established use, is among the first elements of education, and is often learned by those who learn nothing else, not even to read and write. This knowledge is riveted in the memory by the habitual application of it to the employments of men throughout life."

-John Quincy Adams



## COUNTY OF INYO

### LIVESTOCK

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
<b>CATTLE &amp; CALVES</b>						
Calves/Steers	2007	5,300	30,500	Cwt.	\$114.00	\$3,477,000
	2006	5,600	30,800	Cwt.	\$112.00	\$3,449,600
Heifers	2007	4,500	23,625	Cwt.	\$110.00	\$2,598,750
	2006	4,760	24,990	Cwt.	\$108.00	\$2,698,920
Cows	2007	2,250	24,750	Cwt.	\$74.00	\$1,831,500
	2006	2,300	25,300	Cwt.	\$72.00	\$1,821,600
Bulls	2007	215	2,900	Cwt.	\$70.00	\$203,000
	2006	200	3,000	Cwt.	\$70.00	\$210,000
Stockers (gain)	2007	4,500	~	~	~	\$1,800,000
	2006	4,000	~	~	~	\$1,260,000
<b>SHEEP &amp; LAMBS</b>						
	2007	5,000	4,500	Cwt.	\$78.00	\$351,000
	2006	5,000	4,500	Cwt.	\$70.00	\$315,000

<b>TOTAL LIVESTOCK</b>	<b>2007</b>	<b>\$10,261,250</b>
	<b>2006</b>	<b>\$9,755,120</b>

County of Inyo (Continued)

**FIELD CROPS**

ITEM	YEAR	HARVESTED ACREAGE	YIELD PER ACRE	TOTAL YIELD	UNIT	PRICE PER UNIT	TOTAL
Alfalfa Hay	2007	3,100	6.00	18,600	Ton	\$165.00	\$3,069,000
	2006	3,000	6.00	18,000	Ton	\$132.00	\$2,376,000
Miscellaneous Hay	2007	2,000	4.00	8,000	Ton	\$165.00	\$1,320,000
	2006	1,650	4.00	6,600	Ton	\$128.00	\$844,800
Irrigated Pasture	2007	17,000	~	~	Acre	\$27.00	\$459,000
	2006	17,000	~	~	Acre	\$26.00	\$442,000
Dry Grazing	2007	208,000	~	~	Acre	\$3.85	\$800,800
	2006	208,000	~	~	Acre	\$3.50	\$728,000
<b>TOTAL FIELD CROPS</b>					<b>2007</b>	<b>\$5,648,800</b>	
					<b>2006</b>	<b>\$4,390,800</b>	

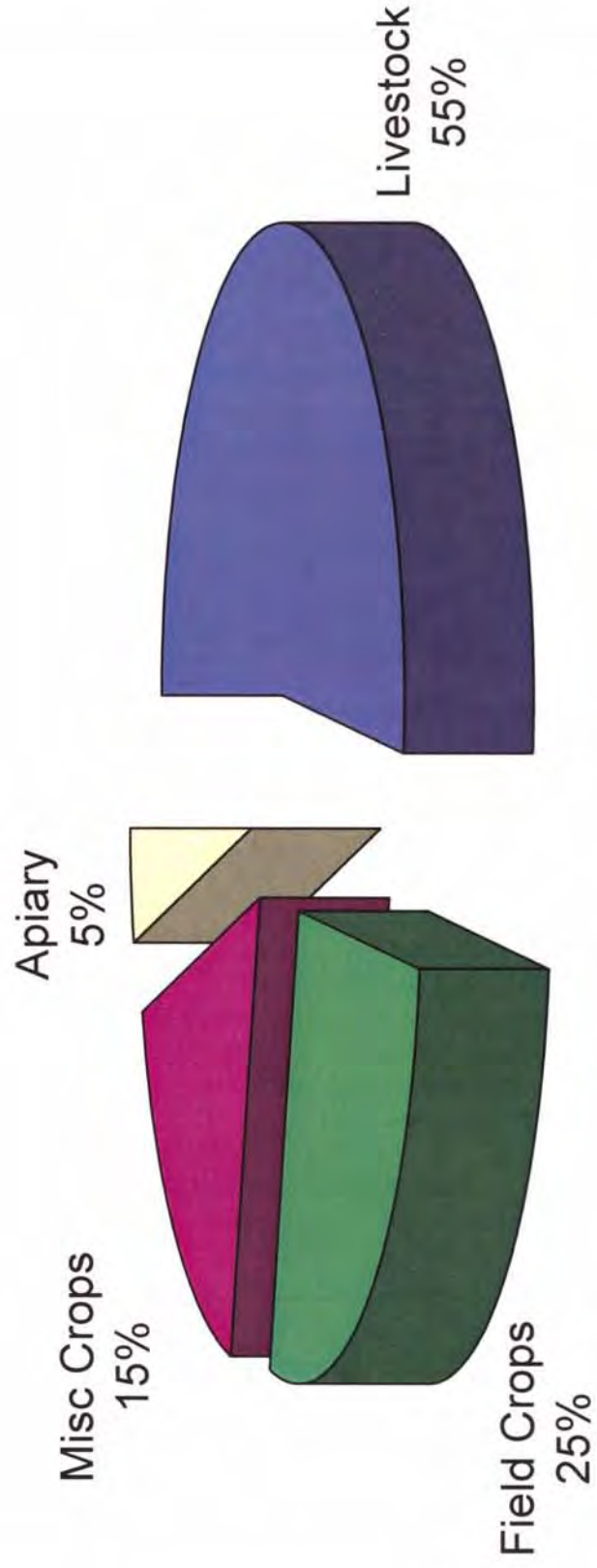
**MISCELLANEOUS CROP PRODUCTION**

ITEM	YEAR	ACREAGE	TOTAL YIELD	TOTAL
Turf	2007	375	~	\$3,200,000
	2006	375	~	\$3,000,000
Dates (Misc. Fruits)	2007	30	30,000	\$127,000
	2006	30	25,000	\$100,000
<b>TOTAL MISCELLANEOUS CROP PRODUCTION</b>				<b>2007</b>
				<b>2006</b>
				<b>\$3,327,000</b>
				<b>\$3,100,000</b>

**APIARY**

ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL
Honey	2007	550,000	Lbs.	\$1.35	\$742,500
	2006	650,000	Lbs.	\$1.20	\$780,000
<b>TOTAL APIARY</b>				<b>2006</b>	<b>\$742,500</b>
				<b>2005</b>	<b>\$780,000</b>

# COUNTY OF INYO 2007 AGRICULTURAL VALUES





**INYO COUNTY TOTALS**

	<u>2006</u>	<u>2007</u>
Livestock	\$9,755,120	\$10,261,250
Field Crops	\$4,390,800	\$5,648,800
Miscellaneous Crop Production	\$3,100,000	\$3,327,000
Apriary	\$780,000	\$742,500
	<hr/>	<hr/>
<b>TOTALS</b>	<b>\$18,025,920</b>	<b>\$19,979,550</b>



County of Mono (Continued)

**FIELD CROPS**

ITEM	YEAR	HARVESTED ACREAGE	YIELD PER ACRE	TOTAL YIELD	UNIT	PRICE PER UNIT	TOTAL
Alfalfa Hay	2007	11,000	6.25	68,750	Ton	\$165.00	\$11,343,750
	2006	10,000	6.00	60,000	Ton	\$132.00	\$7,920,000
Miscellaneous Hay	2007	5,000	4.00	20,000	Ton	\$165.00	\$3,300,000
	2006	3,500	4.00	14,000	Ton	\$128.00	\$1,792,000
Irrigated Pasture	2007	55,000	~	~	Acre	\$27.00	\$1,485,000
	2006	57,000	~	~	Acre	\$26.00	\$1,482,000
Dry Grazing	2007	80,000	~	~	Acre	\$5.50	\$440,000
	2006	80,000	~	~	Acre	\$5.00	\$400,000
<b>TOTAL FIELD CROPS</b>					<b>2006</b>	<b>\$16,568,750</b>	
					<b>2005</b>	<b>\$11,594,000</b>	

**ROW CROP PRODUCTION**

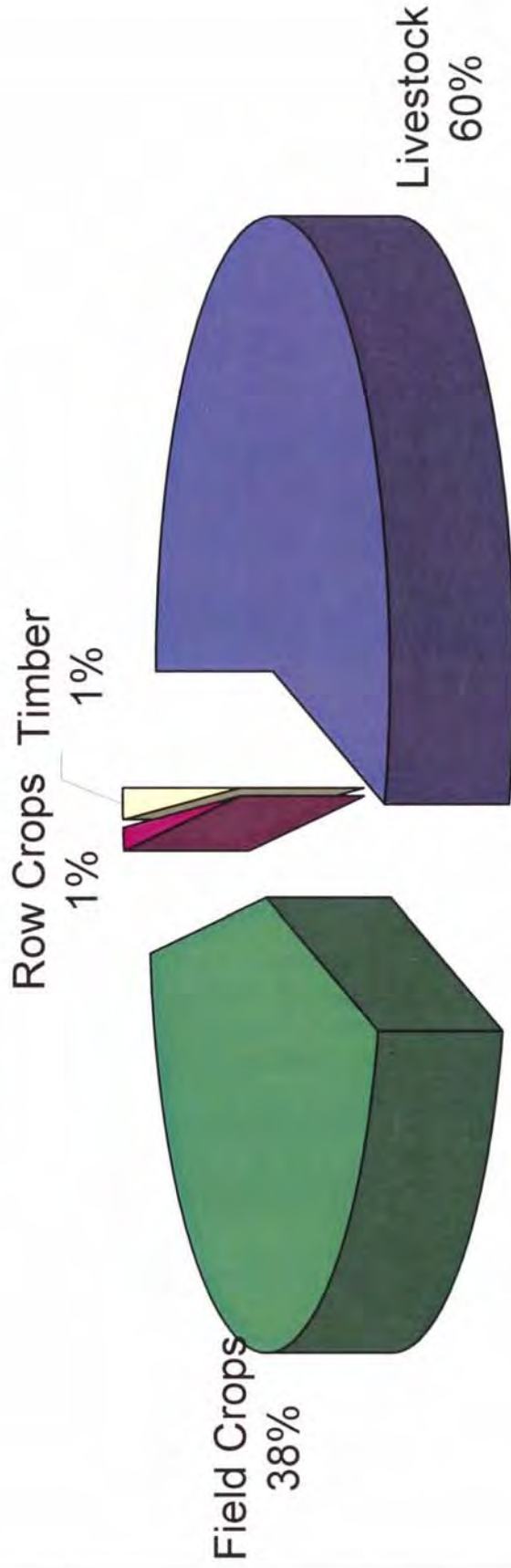
ITEM	YEAR	ACREAGE	TOTAL YIELD	TOTAL
Garlic	2007	63	~	\$90,000
	2006	150	~	\$220,000
<b>TOTAL ROW CROP PRODUCTION</b>				<b>2007</b>
				<b>2006</b>
				<b>\$90,000</b>
				<b>\$220,000</b>

**TIMBER**

ITEM	YEAR	TOTAL
Timber/Firewood	2007	\$38,000
	2006	\$25,000
<b>TOTAL TIMBER</b>		<b>2007</b>
		<b>2006</b>
		<b>\$38,000</b>
		<b>\$25,000</b>

# COUNTY OF MONO

## 2007 AGRICULTURAL VALUES



County of Mono (Continued)



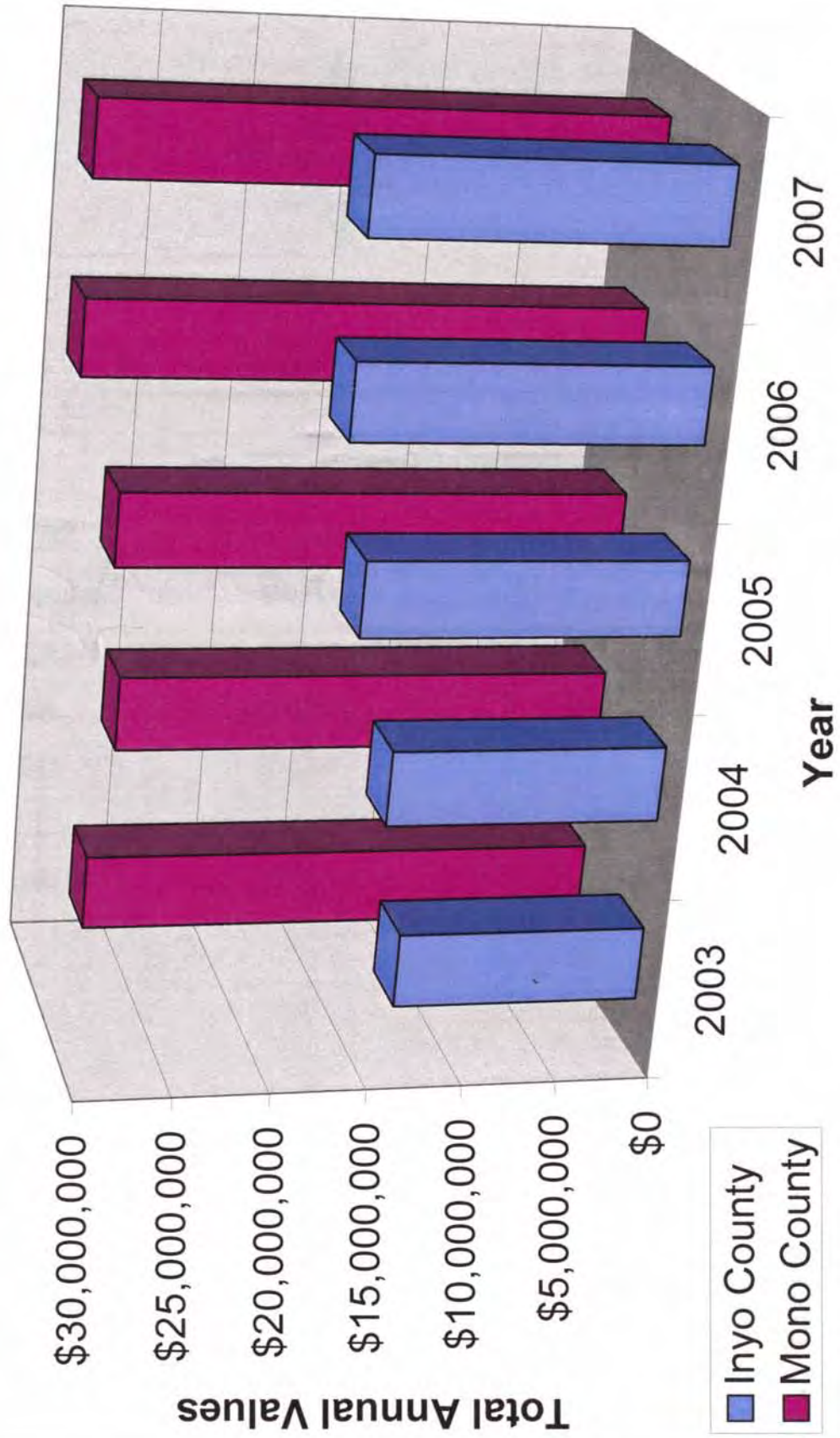
**MONO COUNTY TOTALS**

	<u>2006</u>	<u>2007</u>
Livestock	\$17,497,050	\$20,227,600
Field Crops	\$11,594,000	\$16,568,750
Miscellaneous Crop Production	\$220,000	\$90,000
Apriary	\$25,000	\$38,000
	<hr/>	<hr/>
<b>TOTALS</b>	<b>\$29,336,050</b>	<b>\$36,924,350</b>



# COMPARISON SUMMARY

## Inyo/Mono Agricultural Values 2003-2007





COMPARISON SUMMARY

2003 --- 2007

	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>
INYO COUNTY TOTALS	\$13,043,625	\$14,341,188	\$16,614,350	\$18,025,920	\$19,979,550
MONO COUNTY TOTALS	\$27,412,250	\$26,308,780	\$26,973,450	\$29,336,050	\$36,924,350
<hr/>					
<b>COMBINED TOTALS</b>	<b>\$40,455,875</b>	<b>\$40,649,968</b>	<b>\$43,587,800</b>	<b>\$47,361,970</b>	<b>\$56,903,900</b>



# ANNUAL SUSTAINABLE AGRICULTURE REPORTING

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## PEST ERADICATION

PEST	AGENT/MECHANISM	SCOPE OF PROGRAM
Puncture Vines	Biological control (Stem and Seed Weevils)	25 sites
Dalmation Toadflax	Mechanical	2 sites
Yellow Star Thistle	Mechanical	2 sites
Russian Knapweed	Herbicide	8 sites
Hoary Cress	Herbicide	2 sites
Canada Thistle	Herbicide	20 sites
Spotted Knapweed	Herbicide	2 sites
Halogeton	Mechanical	5 sites
Scotch Thistle	Herbicide	5 sites
Camelthorn	Herbicide	1 site
Saltcedar	Biological control (Tamarisk Leaf Eating Beetle)	3 sites
Saltcedar	Mechanical/Herbicide	100 sites
Perennial Pepperweed	Mechanical/Herbicide	91 sites

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## PEST EXCLUSION

### IMPORTED PLANT MATERIAL

Exotic and/or target pests	Incoming plant material via UPS, air, truck, mail	1,256 shipments inspected
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## ORGANIC FARMING STATISTICS

4 organic farms registered in 2007

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## EASTERN SIERRA CERTIFIED FARMERS MARKET

4 growers participated in the 2007 Farmers Markets.  
Commodities sold including melons, tree fruit, row crops, herbs and honey.

## **OUTREACH PROGRAM**

During 2007, the Inyo Mono Counties' Agriculture Department sponsored:

- Three pesticide safety seminars, with over 150 professional card holders attending, to meet state continuing education requirements;
- Two all day seminars were provided for local ranchers and growers, first line responders, and Homeland Security California Post Certified card holders on:
  - Understanding the Dangers of Agroterrorism; and,
  - Principles of Preparedness for Agroterrorism – Food System Disasters.

The Department's inspection surveillance area, which encompasses over 10,000 square miles, reached out to Northern Mono County, involving several California and Nevada field crop growers located in the Antelope Valley area to the southern tip of Inyo County, involving a large, commercial turf grass farm in Sandy Valley, near Las Vegas, Nevada.

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# Counties of Inyo and Mono Agriculture Department



2008 Crop and Livestock Report

**Inyo and Mono Counties Agricultural Commissioner's Office:**

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**Agriculture and Weights and Measures Departments**

**Eastern Sierra Weed Management Area, a joint powers program**

**Owens Valley Mosquito Abatement Program**

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**This and previous year's crop reports can also be viewed online at:**

**<http://www.inyomonoagriculture.com/page5.html>**

Cover Photo: Sheep in Little Round Valley, Mono County  
Inside Photo: Sunflowers in "Farmer's Ponds", near Bishop, Inyo County



# Counties of Inyo & Mono



George L. Milovich  
Agricultural Commissioner  
Director of Weights and Measures  
207 W. South Street, Bishop, CA 93514  
Telephone - (760) 873-7860 Fax - (760) 872-1610  
<http://www.inyomonoagriculture.com>  
E-mail - [inyomonoag@gmail.com](mailto:inyomonoag@gmail.com)

May 21, 2009

TO: A.G. Kawamura, Secretary, California Department of Food and Agriculture  
And The Honorable Boards of Supervisors:

**County of Inyo**

Linda Arcularius  
Beverly Brown  
Susan Cash  
Richard Cervantes  
Marty Fortney

**County of Mono**

Tom Farnetti  
D. "Hap" Hazard  
Byng Hunt  
Vikki Magee-Bauer  
Bill Reid

It is my pleasure to present the 2008 Agricultural Crop and Livestock Report. This report is a compilation of crop production and estimated values of commodities grown in Inyo and Mono Counties.

The combined Counties' agricultural production for 2008 totaled \$62,608,000.00, which represents an approximate 10% increase from 2007.

Some of the most drastic swings in crop values throughout California have affected many field crops such as Inyo/Mono Counties' alfalfa. Livestock values have moved, but are maintaining a more stable price.

Agriculture continues as one of the integral parts of Inyo and Mono Counties' economy. Values represented here are gross agricultural values only and are submitted in accordance with Section 2279 of the California Food and Agriculture Code.

My appreciation goes out to the growers, ranchers and agencies that provided data and to Nathan, Robin and Jennifer for their help and vigilance in putting this report together.

Sincerely,

  
George L. Milovich  
Agricultural Commissioner

/jfs

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Today, the California Department of Food and Agriculture and County Agricultural Commissioners are as busy helping the consumer as they are the farmer. They keep exotic pests away from the farmer's fields by fighting them in city gardens, where they nearly always are found first in the State. By so doing, they are affording city people as much protection as farmers, for these pests generally can wreak as much havoc in the city as in the country. They provide for, and oversee, standardization practices, thus insuring the farmers good markets for their products and insuring quality for consumers. They promote marketing of goods in a variety of ways, also assuring quality and quantity to consumers. They look after the health of livestock and plants, and the same benefits accrue to the consumer. They insist on measurement standards that also have dual blessings; and they assure the consumer and the farmer protection against the careless use of pesticides, thus affording protection to both people and the environment.

2005 was the 125<sup>th</sup> anniversary of the California Agricultural Commissioner and Sealer Association.

Photo: Rangeland surrounding Crowley Lake, Mono County

**INYO and MONO COUNTIES  
AGRICULTURAL COMMISSIONER'S OFFICE**

The mission of the Inyo and Mono Counties Agricultural Commissioner's Office is to promote and protect the agricultural industry of the Counties, its environment, and to ensure the health and safety of all of its citizens. The department is also responsible for fostering confidence and equity in the marketplace.

The following are the main program areas:

**ENVIRONMENTAL PROTECTION**

We protect the health and safety of all Inyo/Mono residents, its agricultural industries and its environment with a series of comprehensive regulatory programs designed to prevent the introduction of exotic pests and to ensure the safe use of pesticides. The five programs utilized to achieve these goals include:

\* Pest Exclusion \* Pest Detection \* Pest Eradication \* Pest Management \* Pesticide Enforcement \*

**CONSUMER PROTECTION AND PRODUCT QUALITY**

Product quality programs are designed to ensure the production and sales of quality eggs, honey, fruits, vegetables, and nursery and seed products. The six programs include:

\* Fruit and Vegetable Quality Control \* Organic Food Production \*  
\* Egg Quality Control \* Certified Farmers' Markets \* Nursery Inspection \* Seed Inspection \*

**SPECIAL AGRICULTURAL SERVICES**

Other special, mandated services acted upon by our department include:

\* Apiary Inspection \* Crop Statistics \* Sustainable Agriculture \*

**WEIGHTS AND MEASURES**

Equity and fairness is the name of the game. Gasoline, firewood, a loaf of bread, or fruits and vegetables... Any item purchased is sold by weight, measure, or count. We protect the public from purchasing goods that are short weight or measure, and we protect businesses from giving their products and profits away when they use devices that could be inaccurate. We also verify that prices are correctly scanned at the counter, petroleum products meet quality standards, and weighmasters provide their customers accurate weighing devices. The eight programs in this category include:

\* Weight Verification \* Measurement Verification \* Petroleum \* Transaction Verification \*  
\* Electronic Meters \* Compressed Gas Meters \* Weighmaster \* Device Repairmen Regulation \*

**EASTERN SIERRA WEED MANAGEMENT AREA**

This division consists of federal, state, county, and local agencies and entities of which the Agricultural Commissioner is the administrator. The Eastern Sierra Weed Management Area is dedicated to range management of the Eastern Sierras and the detection, eradication, and management of noxious, non-native weed species.

**OWENS VALLEY MOSQUITO CONTROL PROGRAM**

The overall purpose of this program is to provide the public with a consistent level of mosquito control that directly reduces the threat of disease transmission and the spread of large nuisance populations of mosquitoes.

**ADMINISTRATIVE AND EDUCATION OUTREACH**

The Agricultural Commissioner/Sealer of Weights and Measures is responsible for the administration of these programs. Staff also participates in a wide range of special projects intended to benefit Inyo/Mono citizens such as legislative process, public information, education outreach efforts, joint multi-agencies cooperation and inter-county agencies activities.

## Inyo County—General Information

County Seat	Independence
County Population (2000 census)	17,945
Land Area (square miles)	10,142
Persons per Square Mile	1.77
Highest Elevation (Mount Whitney)	14,492 feet
Lowest Elevation (Badwater, Death Valley National Park)	282 feet below sea level
Land in Federal Ownership	92.0%
Land in State Ownership	2.4%
Land in City of Los Angeles Ownership	3.9%
Land in Private Ownership	1.7%

Incorporated Cities/Towns:

Bishop

Average Climate:

Bishop:

Summer High—98°  
Winter Low—22°

Death Valley:

Summer High—115°  
Winter Low—37°



Unincorporated Areas:

Big Pine  
Cartago  
Independence  
Lone Pine  
Olancha  
Pearsonville  
Shoshone  
Tecopa

## Mono County—General Information

County Seat	Bridgeport
County Population (2000 census)	12,853
Land Area (square miles)	3,044
Persons per Square Mile	4.22
Highest Elevation (White Mountain)	14,242 feet
Land in Federal Ownership	84.7%
Land in State Ownership	3.6%
Land in City of Los Angeles Ownership	3.2%
Land in Private Ownership	7.8%

Incorporated Cities/Towns:

Mammoth Lakes

Average Climate:

Bridgeport:

Summer High—81°  
Winter Low—8°

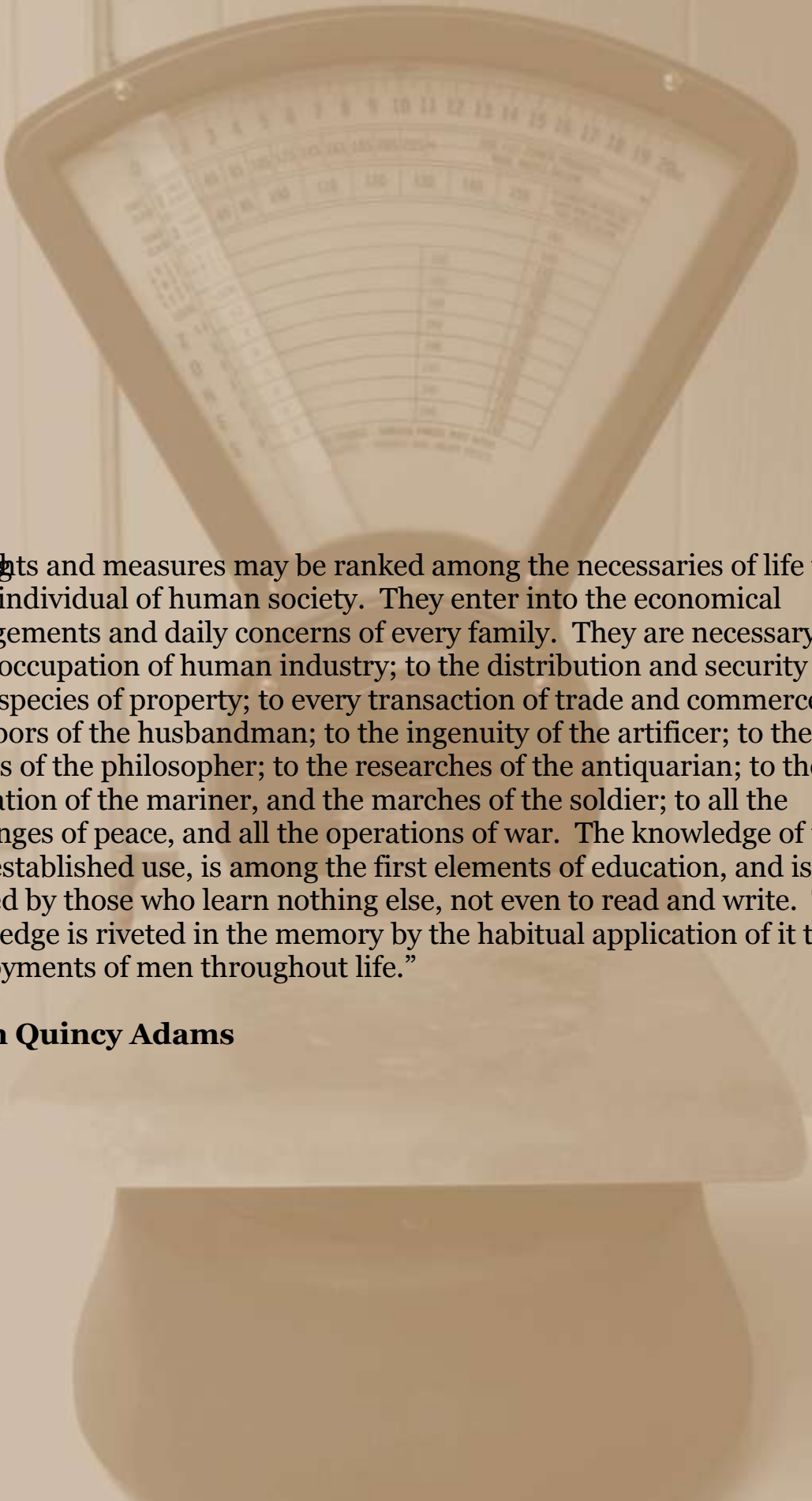
Chalfant Valley:

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Unincorporated Areas:

Benton  
Bridgeport  
Chalfant Valley  
Coleville  
Hammil Valley  
June Lake  
Lee Vining  
Tom's Place  
Walker



– Weights and measures may be ranked among the necessities of life to every individual of human society. They enter into the economical arrangements and daily concerns of every family. They are necessary to every occupation of human industry; to the distribution and security of every species of property; to every transaction of trade and commerce; to the labors of the husbandman; to the ingenuity of the artificer; to the studies of the philosopher; to the researches of the antiquarian; to the navigation of the mariner, and the marches of the soldier; to all the exchanges of peace, and all the operations of war. The knowledge of them, as in established use, is among the first elements of education, and is often learned by those who learn nothing else, not even to read and write. This knowledge is riveted in the memory by the habitual application of it to the employments of men throughout life.”

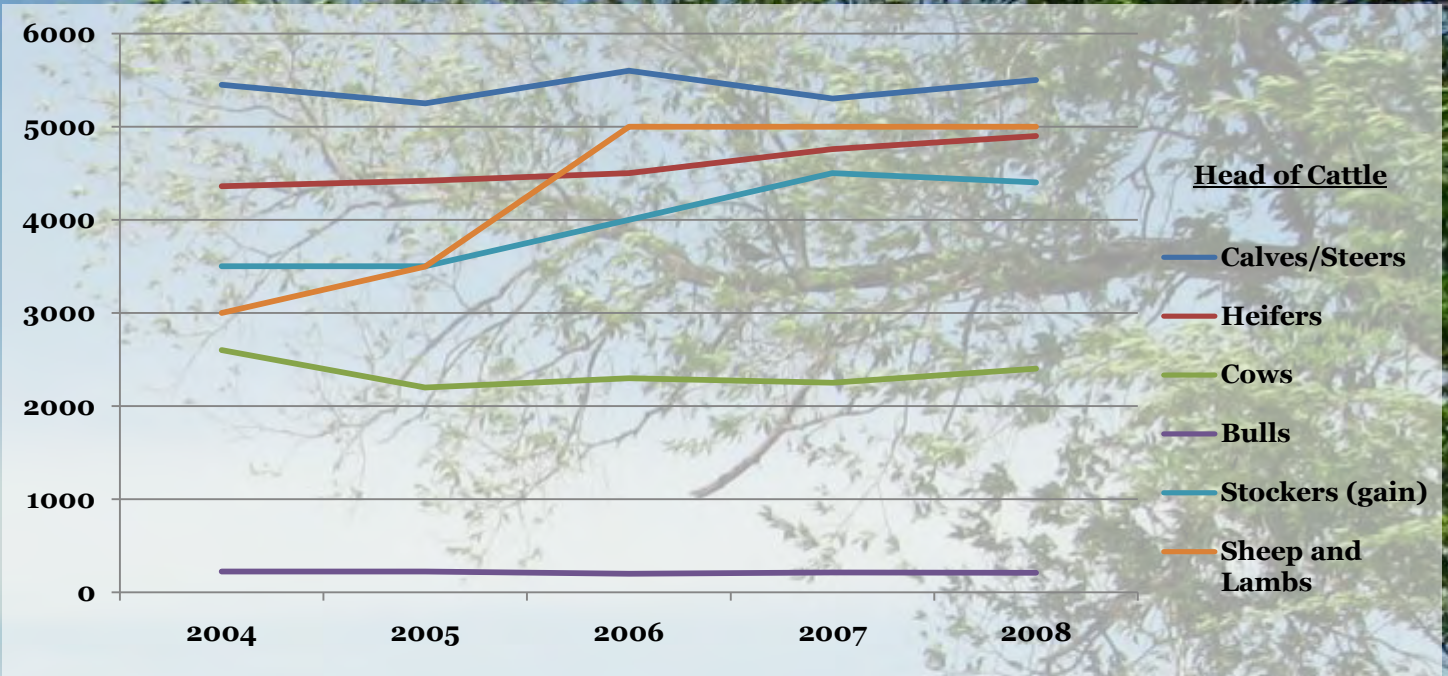
**-John Quincy Adams**

# COUNTY OF INYO

## LIVESTOCK

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
Calves/Steers	2008	5,500	33,000	Cwt.	\$108.00	\$3,564,000
	2007	5,300	30,500	Cwt.	\$114.00	\$3,477,000
Heifers	2008	4,900	28,175	Cwt.	\$104.00	\$2,930,200
	2007	4,500	23,625	Cwt.	\$110.00	\$2,598,750
Cows	2008	2400	26,400	Cwt.	\$78.00	\$2,059,200
	2007	2,250	24,750	Cwt.	\$74.00	\$1,831,500
Bulls	2008	210	2,835	Cwt.	\$68.00	\$192,780
	2007	215	2,900	Cwt.	\$70.00	\$203,000
Stockers (gain)	2008	4,400	~	~	~	\$1,540,000
	2007	4,500	~	~	~	\$1,800,000
Sheep and Lambs	2008	5,000	4,500	Cwt.	\$91.00	\$409,500
	2007	5,000	4,500	Cwt.	\$78.00	\$351,000
<b>TOTAL LIVESTOCK</b>			<b>2008</b>	<b>\$10,508,480</b>		
			<b>2007</b>	<b>\$10,261,250</b>		

Photo: Livestock near Big Pine, Inyo County





# MISCELLANEOUS CROP PRODUCTION

ITEM	YEAR	ACREAGE	TOTAL YIELD	TOTAL
Turf	2008	375	~	\$3,200,000
	2007	375	~	\$3,200,000
Dates (Misc. Fruits)	2008	30	35,000	\$140,000
	2007	30	30,000	\$127,000
TOTAL MISCELLANEOUS CROP PRODUCTION			2008	\$3,340,000
			2007	\$3,327,000

# APIARY

ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL
Honey	2008	700,000	Lbs.	\$1.50	\$1,050,000
	2007	550,000	Lbs.	\$1.35	\$742,500
TOTAL APIARY				2008	\$1,050,000
				2007	\$742,500

# COUNTY OF INYO

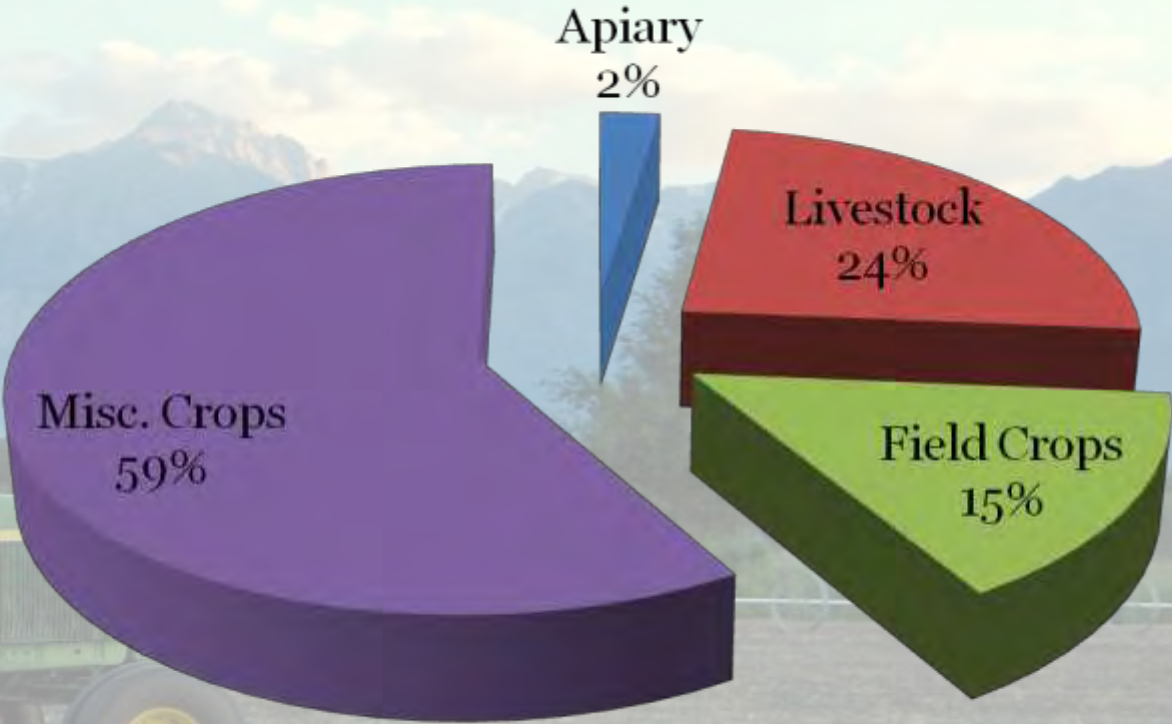
## 2008 AGRICULTURAL VALUES

	2007	2008
<b>LIVESTOCK</b>	<b>\$10,261,250</b>	<b>\$10,508,480</b>
<b>FIELD CROPS</b>	<b>\$5,648,800</b>	<b>\$6,561,500</b>
<b>MISCELLANEOUS CROP PRODUCTION</b>	<b>\$3,327,000</b>	<b>\$3,340,000</b>
<b>APIARY</b>	<b>\$742,500</b>	<b>\$1,050,000</b>
<b>TOTALS</b>	<b>2008</b>	<b>\$21,459,980</b>
	<b>2007</b>	<b>\$19,979,550</b>

Photo: Alfalfa planting near Independence, Inyo County

# INYO COUNTY TOTALS

## Agricultural Values

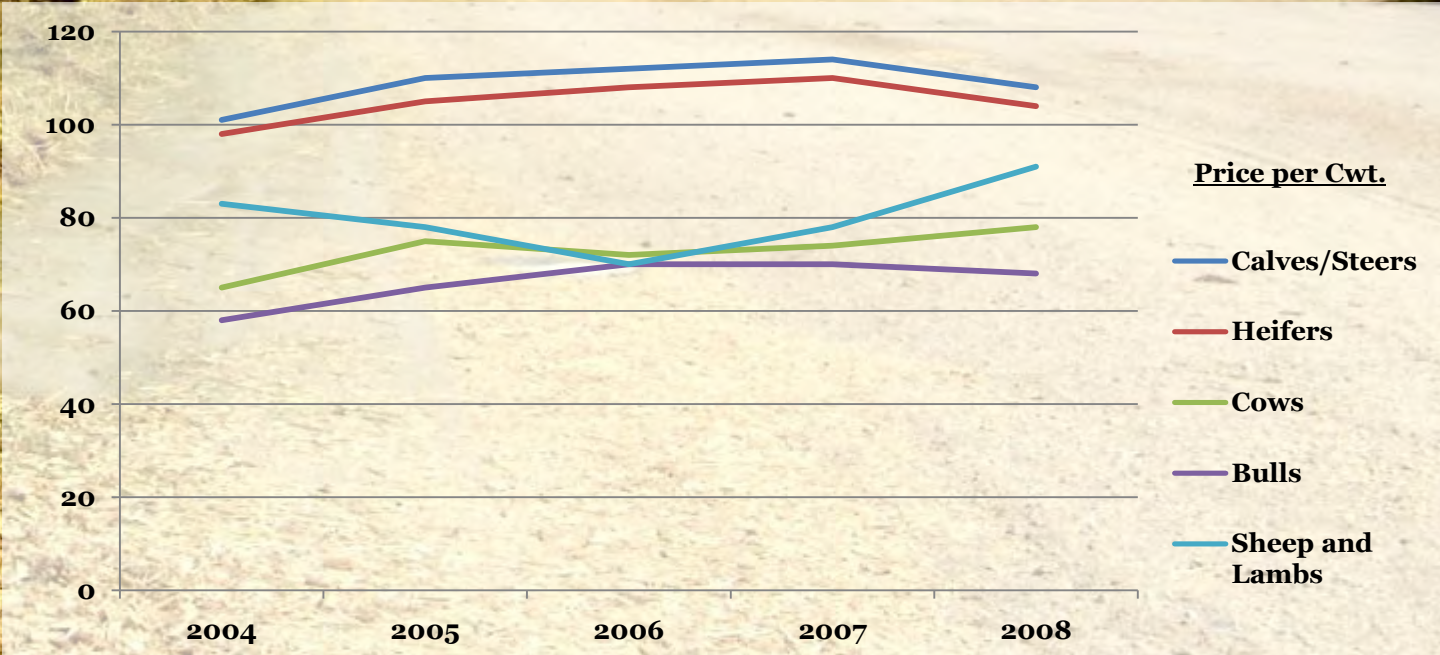
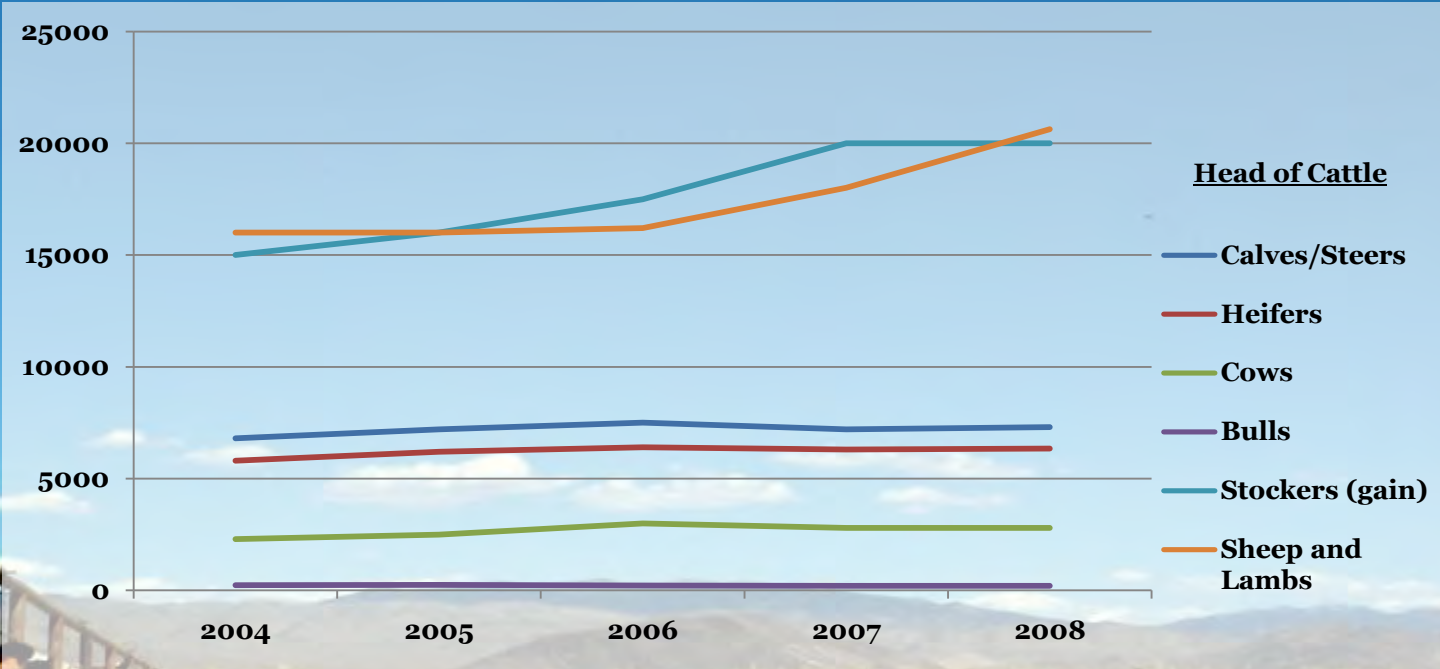


# COUNTY OF MONO

## LIVESTOCK

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
Calves/Steers	2008	7,300	43,800	Cwt.	\$108.00	\$4,730,400
	2007	7,200	41,400	Cwt.	\$114.00	\$4,719,600
Heifers	2008	6,350	37,548	Cwt.	\$104.00	\$3,904,992
	2007	6,300	33,075	Cwt.	\$110.00	\$3,638,250
Cows	2008	2,800	30,800	Cwt.	\$78.00	\$2,402,400
	2007	2,800	28,000	Cwt.	\$74.00	\$2,072,000
Bulls	2008	200	2,700	Cwt.	\$68.00	\$183,600
	2007	200	2,700	Cwt.	\$70.00	\$189,000
Stockers (gain)	2008	20,000	~	~	~	\$8,000,000
	2007	20,000	~	~	~	\$8,000,000
Sheep and Lambs	2008	16,500	20,625	Cwt.	\$91.00	\$1,876,875
	2007	16,500	20,625	Cwt.	\$78.00	\$1,608,750
TOTAL LIVESTOCK				2008	\$21,098,267	
				2007	\$20,227,600	

Photo: Holstein cattle, Fish Lake Valley, Mono County



# COUNTY OF MONO

## FIELD CROPS

ITEM	YEAR	HARVESTED ACREAGE	YIELD PER ACRE	TOTAL YIELD	UNIT	PRICE PER UNIT	TOTAL
Alfalfa Hay	2008	10,500	6.00	63,000	Ton	\$215.00	\$13,545,000
	2007	11,000	6.25	68,750	Ton	\$165.00	\$11,343,750
Miscellaneous Hay	2008	5,500	3.75	20,625	Ton	\$210.00	\$4,331,250
	2007	5,000	4.00	20,000	Ton	\$165.00	\$3,300,000
Irrigated Pasture	2008	55,000	~	~	Acre	\$26.00	\$1,430,000
	2007	55,000	~	~	Acre	\$27.00	\$1,485,000
Dry Grazing	2008	80,000	~	~	Acre	\$5.50	\$440,000
	2007	80,000	~	~	Acre	\$5.50	\$440,000
<b>TOTAL FIELD CROPS</b>				<b>2008</b>		<b>\$19,746,250</b>	
				<b>2007</b>		<b>\$16,568,750</b>	

New garlic in tents, Hammil Valley, Mono County

# ROW CROP PRODUCTION

ITEM	YEAR	ACREAGE	TOTAL YIELD	TOTAL
Garlic	2008	65	~	\$280,000
	2007	63	~	\$90,000
<b>TOTAL MISCELLANEOUS CROP PRODUCTION</b>			<b>2008</b>	<b>\$280,000</b>
			<b>2007</b>	<b>\$90,000</b>

# TIMBER

ITEM	YEAR	TOTAL
Timber/Firewood	2008	\$24,000
	2007	\$38,000
<b>TOTAL TIMBER</b>		<b>2008</b>
		<b>2007</b>
		<b>\$24,000</b>
		<b>\$38,000</b>

# COUNTY OF MONO

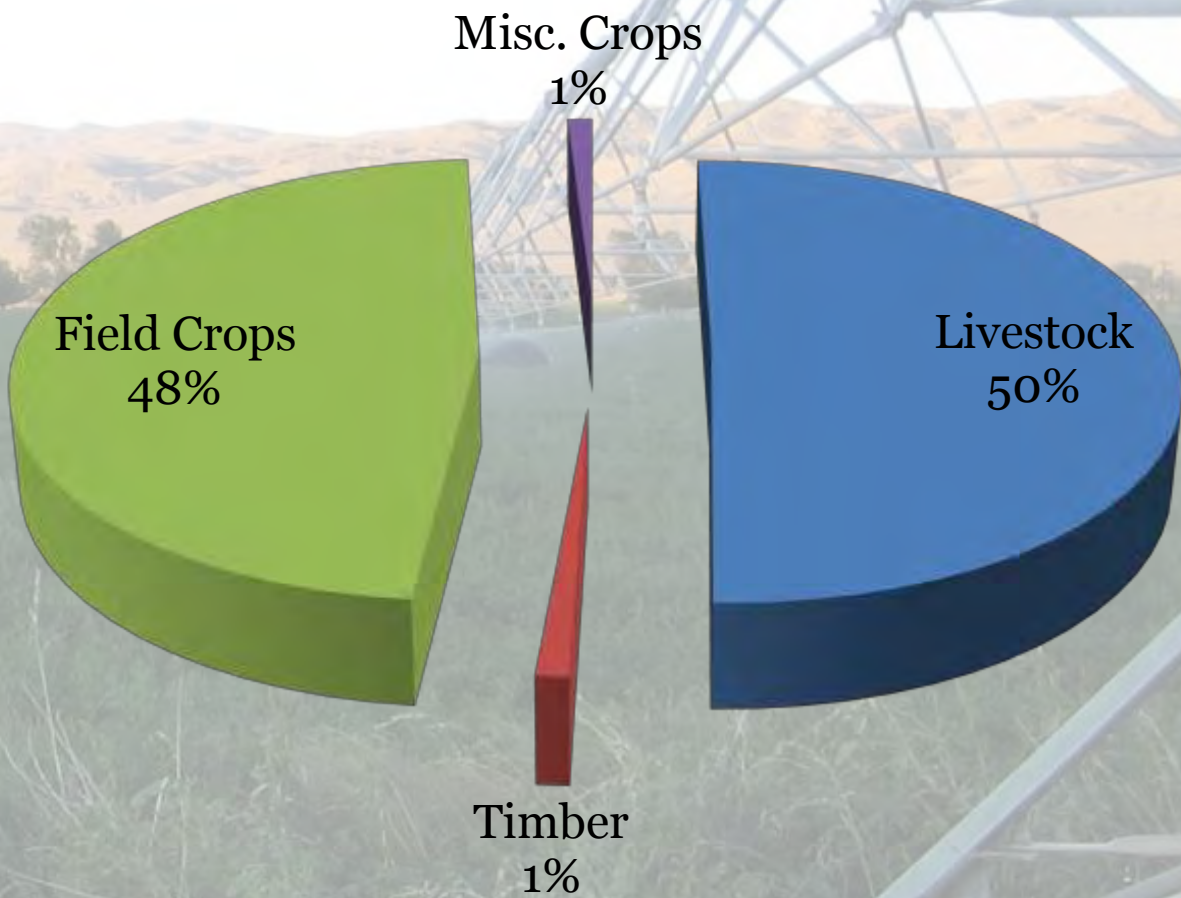
## 2008 AGRICULTURAL VALUES

	2007	2008
<b>LIVESTOCK</b>	<b>\$20,227,600</b>	<b>\$21,098,267</b>
<b>FIELD CROPS</b>	<b>\$16,568,750</b>	<b>\$19,746,250</b>
<b>MISCELLANEOUS CROP PRODUCTION</b>	<b>\$90,000</b>	<b>\$280,000</b>
<b>TIMBER</b>	<b>\$38,000</b>	<b>\$24,000</b>
<b>TOTALS</b>	<b>2008</b>	<b>\$41,148,517</b>
	<b>2007</b>	<b>\$36,924,350</b>

Photo: Alfalfa field, Fish lake Valley, Mono County

# MONO COUNTY TOTALS

## Agricultural Values



# COUNTIES OF INYO AND MONO

## COMPARISON SUMMARY

### COMPARISON SUMMARY

2004—2008



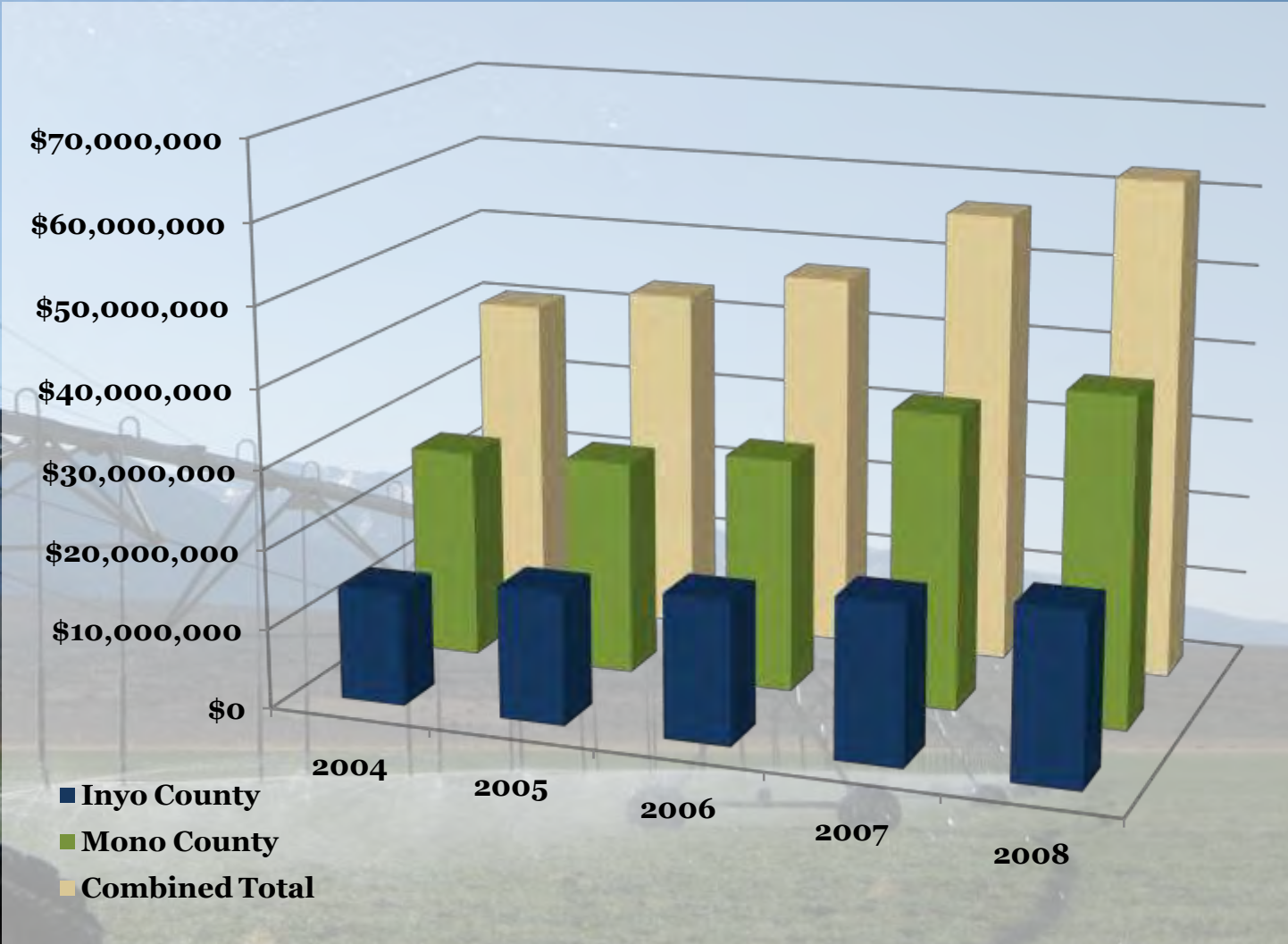
	2004	2005	2006	2007	2008
 <b>INYO COUNTY TOTALS</b>	\$14,341,188	\$16,614,350	\$18,025,920	\$19,979,550	\$21,459,980
 <b>MONO COUNTY TOTALS</b>	\$26,308,780	\$26,973,450	\$29,336,050	\$36,924,350	\$41,148,517
<b>COMBINED TOTALS</b>	\$40,649,968	\$43,587,800	\$47,361,970	\$56,903,900	\$62,608,497

Photo: Organic alfalfa in early spring, Benton, Mono County



# COUNTIES OF INYO AND MONO SUSTAINABLE AGRICULTURE

## PEST ERADICATION

PEST	AGENT/MECHANISM	SCOPE OF PROGRAM
Puncturevine	Biological Control	25 sites
Dalmatian Toadflax	Mechanical	1 site
Yellow Starthistle	Mechanical	1 site
Russian Knapweed	Herbicide	9 sites
Hoary Cress	Herbicide	2 sites
Canada Thistle	Herbicide	20 sites
Spotted Knapweed	Herbicide	2 sites
Halogeton	Mechanical	12 sites
Scotch Thistle	Herbicide	5 sites
Camelthorn	Herbicide	1 site
Saltcedar	Biological Control	3 sites
Saltcedar	Herbicide	100 sites
Perennial Pepperweed	Herbicide	96 sites

## PEST EXCLUSION

### IMPORTED PLANT MATERIAL

Exotic and/or target pests in incoming plant material via UPS, FedEx, US Mail

12,750 shipments inspected

## ORGANIC FARMING STATISTICS

4 organic farms registered in 2008

## EASTERN SIERRA CERTIFIED FARMERS MARKET

7 growers participated in the 2008 Farmers Markets. Commodities sold included: apples, peaches, pears, grapes, berries, plums, cherries, apricots, nectarines, pumpkins, cabbage, cilantro, lettuce, squash, onions, eggplant, tomatoes, beets, peppers, carrots, spinach, corn, cucumbers, tomatillos, beans, cantaloupe, and herbs.

During 2008, the Inyo/Mono Counties' Agriculture Department sponsored:

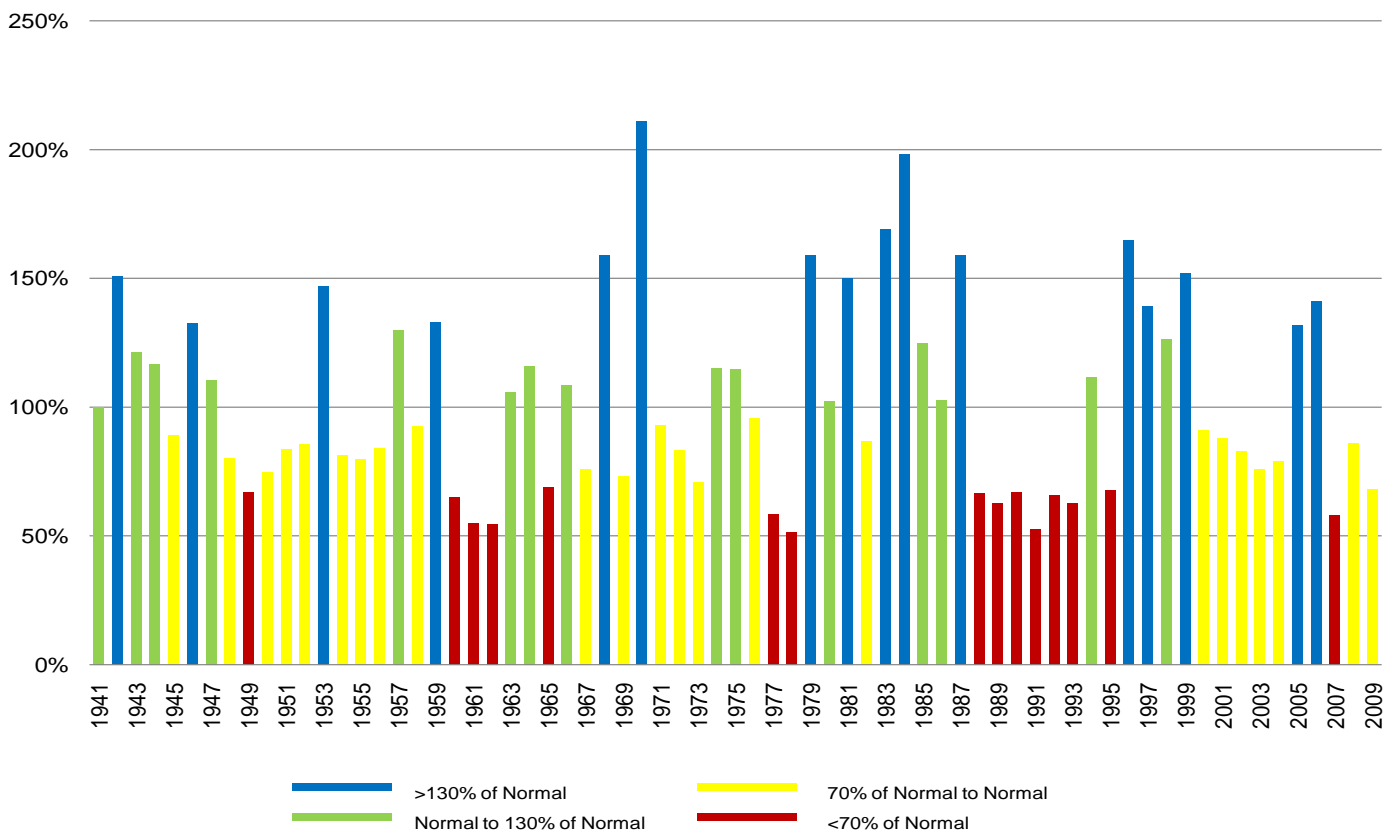
- ⇒ 3 pesticide safety seminars, with 110 professional card holders and private applicators attending, to meet state continuing education requirements;
- ⇒ Meetings were held on the feasibility of a local natural beef market with about 60 industry people attending;
- ⇒ Six educational workshops for local groups.

The Department's inspection surveillance area, which encompasses over 10,000 square miles, provided outreach from northern Mono County, including several California and Nevada field crop growers located in the Antelope Valley area, to the southern tip of Inyo County, including a large commercial turf grass farm in the Sandy Valley, near Las Vegas, Nevada. The Inyo/Mono Agricultural Commissioner's office is tasked with the surveillance of 50% of the California/Nevada border for pests that could endanger the agricultural industry of California.

## WEIGHTS AND MEASURES ENFORCEMENT

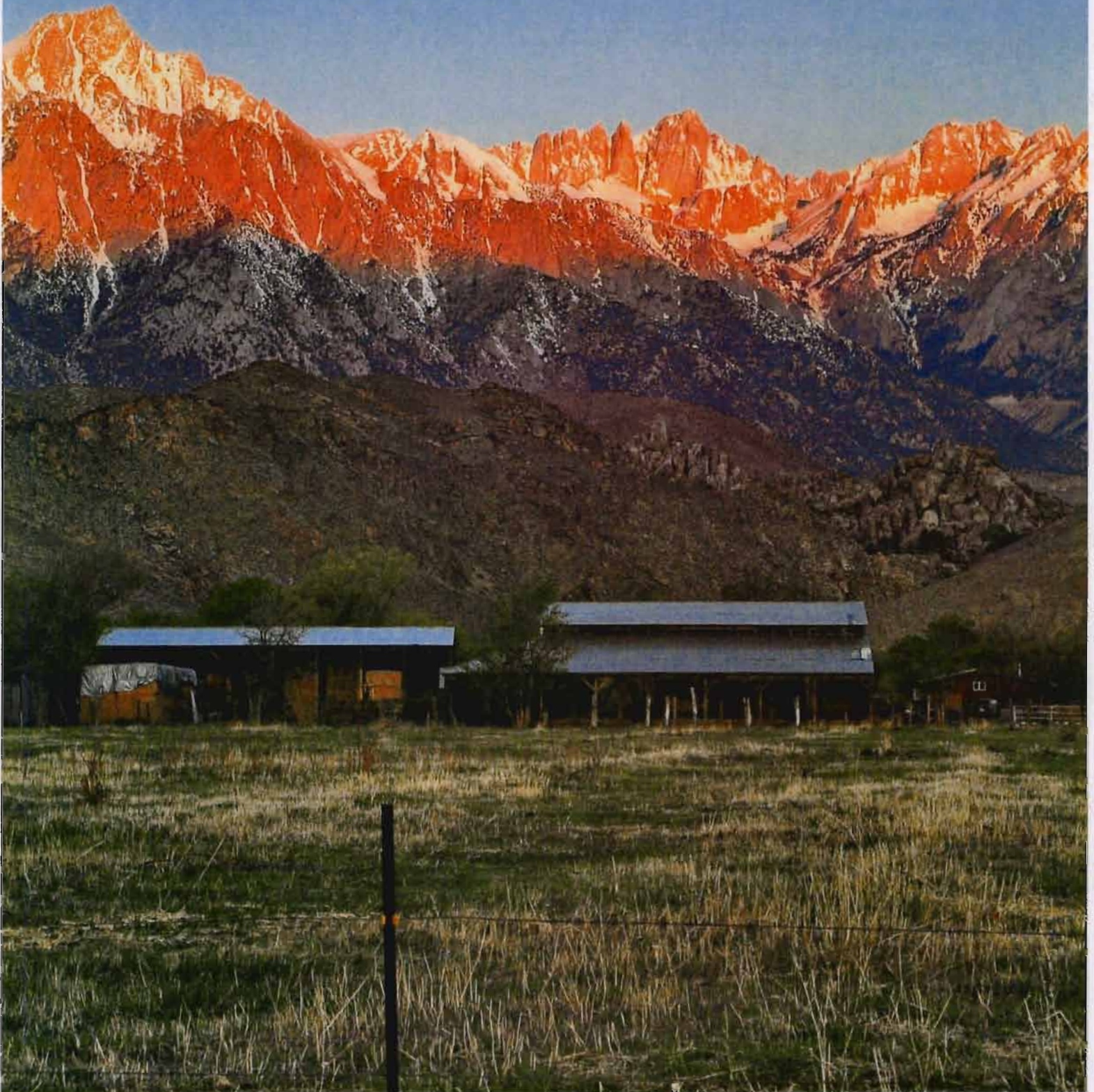
Over 1,200 devices were inspected in 2008 to ensure accuracy within state tolerances which included: 936 retail fuel meters, 161 small retail scales, 42 livestock scales, 24 vehicle scales, 11 hopper scales, and numerous vapor and electric meters. During 2008, there were 42 consumer complaints received by the Inyo/Mono Counties' Weights and Measures Department, which resulted in 9 Notice of Violations issued. The Weights and Measures department also conducted several scanner audits to ensure accuracy of price scanners in stores, and labeling audits to ensure the accuracy of the labeled contents of pre-packaged goods. Regular inspections protect consumers from misrepresentation and maintain fair competition between sellers.

### Eastern Sierra Nevada Runoff (Mono Basin & Owens Valley)



Counties of Inyo and Mono Agricultural Commissioner's Office

# 2009 Crop and Livestock Report



**CONTENTS:**

1. Letter from the Commissioner
2. Evolution of Agriculture and Weights and Measures Programs
3. Summary of the Divisions of the Agricultural Commissioner's Office
4. County Overview – Inyo County
5. County Overview – Mono County

**INYO COUNTY**

6. Livestock
7. Field Crops
8. Miscellaneous Crop Production/Apiary
9. County Summary

**MONO COUNTY**

10. Livestock
11. Field Crops
12. Row Crop Production/Timber
13. County Summary

**INYO AND MONO COUNTIES**

14. Comparison
15. Sustainable Agriculture
16. Outreach/Weights and Measures Enforcement
17. Sierra Nevada Runoff Chart

**Agriculture and Weights and Measures Departments**

**Eastern Sierra Weed Management Area,  
a joint powers program**

**Owens Valley Mosquito Abatement Program**

**Staff:**

**Agricultural Commissioner / Director of Weights and Measures**  
George L. Milovich

**Deputy Agricultural Commissioner / Deputy Director of Weights and Measures**  
John Schrader

**Executive Secretary**  
Robin Conklin

**Account Technician I**  
Jennifer Sarten

**Program Coordinator / Eastern Sierra Weed Management Area**  
Nathan Reade

**Field Technician II – Weed Management**  
Carlos Paz

**Field Assistant – Weed Management**  
Scott Gadea  
Joshua Tyerman

**Manager / Owens Valley Mosquito Abatement Program**  
Jerrold Oser

**Mosquito Control Technician III**  
Robert Miller

**Field Technician II – Mosquito Abatement**  
Bruce Mack

**Mosquito Technician II**  
Casey Freeman

**Mosquito Assistant**  
David Miller  
Walter Davison

This and previous year's crop reports can also be viewed online at:

<http://www.inyomonoagriculture.com/page5.html>



# Counties of Inyo & Mono



George L. Milovich  
Agricultural Commissioner  
Director of Weights and Measures  
207 W. South Street, Bishop, CA 93514  
Telephone - (760) 873-7860 Fax - (760) 872-1610  
<http://www.inyomonoagriculture.com>  
E-mail - [inyomonoag@gmail.com](mailto:inyomonoag@gmail.com)

April 20, 2010

TO: A.G. Kawamura, Secretary California Department of Food and Agriculture  
And The Honorable Board of Supervisors:

**County of Inyo**

Linda Arcularius  
Beverly Brown  
Susan Cash  
Richard Cervantes  
Marty Fortney

**County of Mono**

Tom Farnetti  
D. "Hap" Hazard  
Byng Hunt  
Vikki Magee-Bauer  
Robert Peters

It is my pleasure to present the 2009 Agricultural Crop and Livestock Report. This report is a compilation of crop production and estimated values of commodities grown in Inyo and Mono Counties.

The combined Counties' agricultural production for 2009 totaled \$51,824,655; which represents a decrease of 17.2% from 2008.

The reduction in dairy prices and economic downturns have lead to drastic alfalfa price decreases, as many dairies did not pay for premium hay. Beef production remained steady for 2009, keeping up with the demand for quality beef. Modification in seed production resulted in a reduction in acres of garlic planted in 2009.

Agriculture continues as one of the integral parts of Inyo and Mono Counties' economy. Values represented here are gross agricultural values only and are submitted in accordance with Section 2279 of the California Food and Agriculture Code.

Agriculture is still the most important industry to the state of California. Civilizations dating back to ancient Greece have crumbled following the demise of their agricultural production.

My appreciation goes out to the growers, ranchers and agencies that provided data and to Nathan, Robin and Jennifer for their help and vigilance in putting this report together.

Sincerely,

George L. Milovich  
Agricultural Commissioner

## The Evolution of Agriculture and Weights and Measures

The California Agricultural Commissioners trace their origins back 130 years; their goal is protection of the State's crops from the ravages of pests both domestic and imported. Then, as now, one of the principle weapons employed was a legal device called a "quarantine", which derives from the French word "quarante", meaning "forty". The quarantine came about as a detention device, its first use being in the year 1340 when passengers on ships bound for Venice, Italy, were detained on board ship for 40 days. This was considered a long enough period to determine whether or not those passengers carried with them the Black Plague, which was killing many people in Europe in the mid-14th century.

California's first statewide program, which was the start of the present Department of Food and Agriculture, began with "An Act For the Promotion of Viticultural Industries of the State" on April 5, 1880. It provides for the appointment of a Board of State Viticultural Commissioners whose duties included the study of the grape root rot disease, *Phylloxera*. The Act specified that the University of California was responsible for instruction and experiments - a concept still existing today - giving the University the authority for research and the Department the regulatory functions. The Act provided for seven viticultural districts.

Until the year 1911, the duties of the State Board of Horticulture, the State Commissioner of Horticulture, county boards of horticulture commissioners and the county horticulture commissioners were limited to just a few obligations. They had to do with preventing the introduction into the state of the pests from outside its boundaries, prevention of spread of insect pests and plant diseases through the media of nursery stock, fruit boxes, and other containers, and the inspection of nurseries. The years that followed would find the duties not only intensified in the same areas, but expanded into many other aspects of agriculture.

In the beginning the regulatory concern was to protect the California farmer from the depredations of exotic pests. After 1911, these duties were to be expanded to include concerns of the market place (standardization), and such cultural aids as assistance to the farmer in weed control and control of rodents and other damaging creatures. Later, they would enlarge to assure the farmer honest weights and measures, and protection from unscrupulous middlemen. Finally, the regulations would blossom into the full relationship of the farmer and the consumer.

Today, the California Department of Food and Agriculture and County Agricultural Commissioners are as busy helping the consumer as they are the farmer. They keep exotic pests away from the farmer's fields by fighting them in city gardens, where they nearly always are found first in the State. By so doing, they are affording city people as much protection as farmers, for these pests generally can wreak as much havoc in the city as in the country. They provide for, and oversee, standardization practices, thus insuring the farmers good markets for their products and insuring quality for consumers. They promote marketing of goods in a variety of ways, also assuring quality and quantity to consumers. They look after the health of livestock and plants, and the same benefits accrue to the consumer. They insist on measurement standards that also have dual blessings; and they assure the consumer and the farmer protection against the careless use of pesticides, thus affording protection to both people and the environment.

2010 is the 129<sup>th</sup> anniversary of the California Agricultural Commissioner and Sealer Association.

The Agriculture and Weights & Measures Department would like to recognize the 25 years of service to the Department from retiring Administrative Secretary Robin Conklin. Many Agricultural Commissioners that have contacted our office through the years have commented on Robin's depth of knowledge of regulations and issues, which was on par with Senior Biologists. Robin was instrumental in the publication of the crop and livestock report for many years, and has been a great asset to all of the various functions of the Department.



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This division consists of federal, state, county, and local agencies and entities of which the Agricultural Commissioner is the administrator. The Eastern Sierra Weed Management Area is dedicated to range management of the Eastern Sierras and the detection, eradication, and management of noxious, non-native weed species.

**OWENS VALLEY MOSQUITO CONTROL PROGRAM**

The overall purpose of this program is to provide the public with a consistent level of mosquito control that directly reduces the threat of disease transmission and the spread of large nuisance populations of mosquitoes.

**ADMINISTRATIVE AND EDUCATION OUTREACH**

The Agricultural Commissioner/Sealer of Weights and Measures is responsible for the administration of these programs. Staff also participates in a wide range of special projects intended to benefit Inyo/Mono citizens such as legislative process, public information, education outreach efforts, joint multi-agencies cooperation and inter-county agencies activities.

## Inyo County General Information

County Seat	Independence
County Population (2000 census)	17,945
Land Area (square miles)	10,142
Persons per Square Mile	1.77
Highest Elevation (Mount Whitney)	14,492 feet
Lowest Elevation (Badwater, Death Valley National Park)	282 feet below sea level
Land in Federal Ownership	92.0%
Land in State Ownership	2.4%
Land in City of Los Angeles Ownership	3.9%
Land in Private Ownership	1.7%

Incorporated Cities/Towns:  
Bishop

Unincorporated Areas:

Big Pine  
Cartago  
Independence  
Lone Pine  
Olancho  
Pearsonville  
Shoshone  
Tecopa

Average Climate:

Bishop:

Summer High—98°  
Winter Low—22°

Death Valley:

Summer High—115°  
Winter Low—37°



## Mono County General Information

County Seat	Bridgeport
County Population (2000 census)	12,853
Land Area (square miles)	3,044
Persons per Square Mile	4.22
Highest Elevation (White Mountain)	14,242 feet
Land in Federal Ownership	84.7%
Land in State Ownership	3.6%
Land in City of Los Angeles Ownership	3.2%
Land in Private Ownership	7.8%

Incorporated Cities/Towns:

Mammoth Lakes

Unincorporated Areas:

Benton  
 Bridgeport  
 Chalfant Valley  
 Coleville  
 Hammil Valley  
 June Lake  
 Lee Vining  
 Tom's Place  
 Walker



Average Climate:

Bridgeport:

Summer High—81°  
 Winter Low—8°

Chalfant Valley:

Summer High—98°  
 Winter Low—22°

*"Weights and measures may be ranked among the necessities of life to every individual of human society. They enter into the economical arrangements and daily concerns of every family. They are necessary to every occupation of human industry; to the distribution and security of every species of property; to every transaction of trade and commerce; to the labors of the husbandman; to the ingenuity of the artificer; to the studies of the philosopher; to the researches of the antiquarian; to the navigation of the mariner, and the marches of the soldier; to all the exchanges of peace, and all the operations of war. The knowledge of them, as in established use, is among the first elements of education, and is often learned by those who learn nothing else, not even to read and write. This knowledge is riveted in the memory by the habitual application of it to the employments of men throughout life."*

**-John Quincy Adams**



# Livestock

INYO COUNTY

## LIVESTOCK

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
Calves/Steers	2009	5,650	33,960	Cwt.	\$100.00	\$3,396,000
	2008	5,500	33,000	Cwt.	\$108.00	\$3,564,000
Heifers	2009	5,050	29,040	Cwt.	\$98.00	\$2,845,920
	2008	4,900	28,175	Cwt.	\$104.00	\$2,930,200
Cows	2009	2,470	27,170	Cwt.	\$60.00	\$1,630,200
	2008	2,400	26,400	Cwt.	\$78.00	\$2,059,200
Bulls	2009	220	2,970	Cwt.	\$55.00	\$163,350
	2008	210	2,835	Cwt.	\$68.00	\$192,780
Stockers (gain)	2009	4,540	~	~	~	\$1,461,880
	2008	4,400	~	~	~	\$1,540,000
Sheep and Lambs	2009	5,000	5,000	Cwt.	\$100.00	\$500,000
	2008	5,000	4,500	Cwt.	\$91.00	\$409,500

<b>TOTAL LIVESTOCK</b>	<b>2009</b>	<b>\$ 9,997,350</b>
	<b>2008</b>	<b>\$10,508,480</b>

# Field Crops

## FIELD CROPS

ITEM	YEAR	HARVESTED ACREAGE	YIELD PER ACRE	TOTAL YIELD	UNIT	PRICE PER UNIT	TOTAL
Alfalfa Hay	2009	3,200	6.50	20,800	Ton	\$125.00	\$2,600,000
	2008	3,000	6.00	18,000	Ton	\$215.00	\$3,870,000
Miscellaneous Hay	2009	1,700	4.00	6,800	Ton	\$120.00	\$816,000
	2008	1,800	3.75	6,750	Ton	\$210.00	\$1,417,500
Irrigated Pasture	2009	17,000	~	~	Acre	\$27.50	\$467,500
	2008	17,000	~	~	Acre	\$26.00	\$442,000
Dry Grazing	2009	208,000	~	~	Acre	\$4.25	\$884,000
	2008	208,000	~	~	Acre	\$4.00	\$832,000
<b>TOTAL FIELD CROP PRODUCTION</b>				<b>2009</b>			<b>\$4,767,500</b>
				<b>2008</b>			<b>\$6,561,500</b>



# Misc. Crop Production / Apiary

INYO COUNTY

## MISCELLANEOUS CROP PRODUCTION

ITEM	YEAR	HARVESTED ACREAGE	TOTAL YIELD	TOTAL
Turf	2009	250	~	\$2,285,000
	2008	375	~	\$3,200,000
Dates (Misc. Fruits)	2009	30	35,000	\$140,000
	2008	30	35,000	\$140,000
<b>TOTAL MISCELLANEOUS CROP PRODUCTION</b>			<b>2009</b>	<b>\$2,425,000</b>
			<b>2008</b>	<b>\$3,340,000</b>

## APIARY PRODUCTION

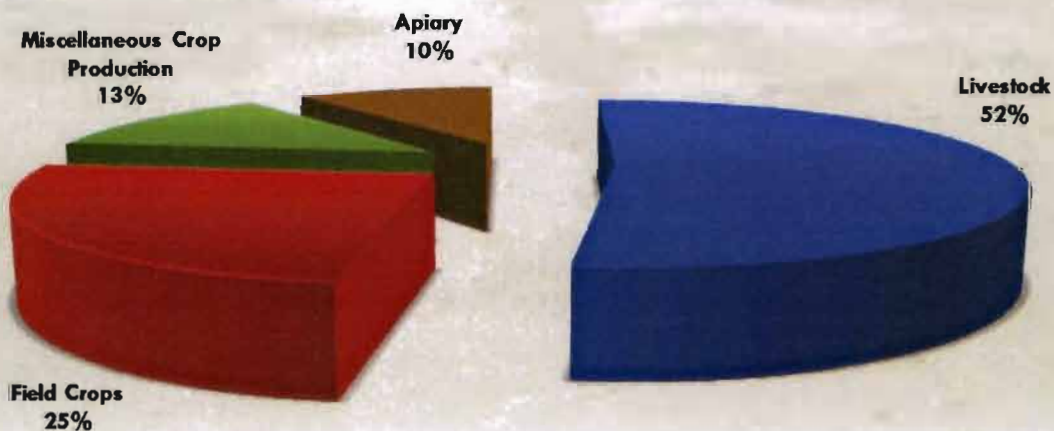
ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL
Honey	2009	775,000	Lbs.	\$2.50	\$1,937,500
	2008	700,000	Lbs.	\$1.50	\$1,050,000
<b>TOTAL APIARY PRODUCTION</b>			<b>2009</b>	<b>\$1,937,500</b>	
			<b>2008</b>	<b>\$1,050,000</b>	

# Inyo County Summary

## INYO COUNTY TOTALS

	2008	2009
LIVESTOCK	\$10,508,480	\$9,997,350
FIELD CROPS	\$6,561,500	\$4,767,500
MISCELLANEOUS CROP PRODUCTION	\$3,340,000	\$2,425,000
APIARY	\$1,050,000	\$1,937,500
<b>TOTALS</b>	<b>2009</b>	<b>\$19,127,350</b>
	<b>2008</b>	<b>\$21,459,980</b>

## INYO COUNTY AGRICULTURAL VALUES - 2009



# Livestock

MONO COUNTY

## LIVESTOCK

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
Calves/Steers	2009	7,520	45,120	Cwt.	\$100.00	\$4,512,000
	2008	7,300	43,800	Cwt.	\$108.00	\$4,730,400
Heifers	2009	6,540	34,335	Cwt.	\$98.00	\$3,364,830
	2008	6,350	33,338	Cwt.	\$104.00	\$3,467,152
Cows	2009	2,880	31,680	Cwt.	\$60.00	\$1,900,800
	2008	2,800	30,800	Cwt.	\$78.00	\$2,059,200
Bulls	2009	210	2,835	Cwt.	\$55.00	\$155,925
	2008	200	2,700	Cwt.	\$68.00	\$183,600
Stockers (gain)	2009	20,600	~	~	~	\$7,600,000
	2008	20,000	~	~	~	\$8,000,000
Sheep and Lambs	2009	16,500	20,625	Cwt.	\$100.00	\$2,062,500
	2008	16,500	20,625	Cwt.	\$91.00	\$1,867,875

<b>TOTAL LIVESTOCK</b>	<b>2009</b>	<b>\$19,596,055</b>
	<b>2008</b>	<b>\$21,098,267</b>

# Field Crops

## FIELD CROPS

ITEM	YEAR	HARVESTED ACREAGE	YIELD PER ACRE	TOTAL YIELD	UNIT	PRICE PER UNIT	TOTAL
Alfalfa Hay	2009	11,000	6.25	68,750	Ton	\$125.00	\$8,593,750
	2008	10,500	6.00	63,000	Ton	\$215.00	\$13,545,000
Miscellaneous Hay	2009	5,000	4.00	20,000	Ton	\$120.00	\$2,400,000
	2008	5,500	3.75	20,625	Ton	\$210.00	\$4,331,250
Irrigated Pasture	2009	55,000	~	~	Acre	\$28.00	\$1,540,000
	2008	55,000	~	~	Acre	\$26.00	\$1,430,000
Dry Grazing	2009	80,000	~	~	Acre	\$6.50	\$520,000
	2008	80,000	~	~	Acre	\$5.50	\$440,000

### TOTAL FIELD CROP PRODUCTION

2009

\$13,053,750

2008

\$19,746,250

# Row Crop Production / Timber

MONO COUNTY

## ROW CROP PRODUCTION

ITEM	YEAR	ACREAGE	TOTAL YIELD	TOTAL
Garlic	2009	8	~	\$32,000
	2008	65	~	\$280,000
<b>TOTAL ROW CROP PRODUCTION</b>			<b>2009</b>	<b>\$32,000</b>
			<b>2008</b>	<b>\$280,000</b>

## TIMBER PRODUCTION

ITEM	YEAR	TOTAL	
Timber/Firewood	2009	\$15,500	
	2008	\$24,000	
<b>TOTAL TIMBER PRODUCTION</b>		<b>2009</b>	<b>\$15,500</b>
		<b>2008</b>	<b>\$24,000</b>



# Mono County Summary

## MONO COUNTY TOTALS

	2008	2009
LIVESTOCK	\$21,098,267	\$19,596,055
FIELD CROPS	\$19,746,250	\$13,053,750
ROW CROP PRODUCTION	\$280,000	\$32,000
TIMBER	\$24,000	\$15,500
<b>TOTALS</b>	<b>2009</b>	<b>\$32,697,305</b>
	<b>2008</b>	<b>\$41,148,517</b>

## Mono County Agricultural Values - 2009



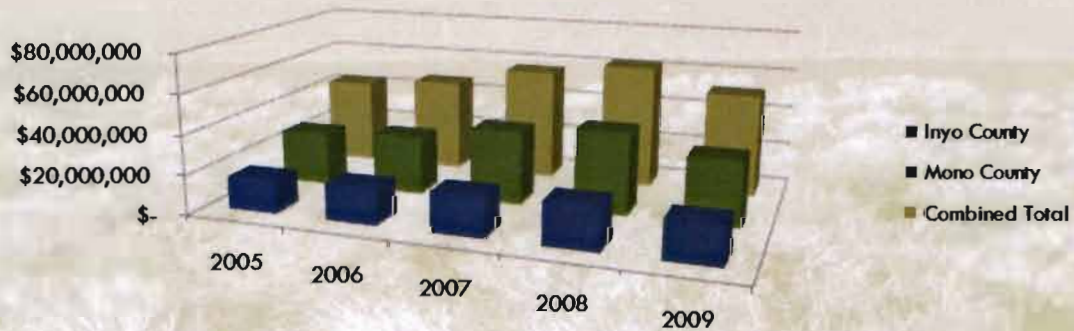
# Comparison Summary

## INYO AND MONO COUNTIES

### COMPARISON SUMMARY

2005-2009

	2005	2006	2007	2008	2009
<b>INYO COUNTY TOTALS</b>	\$16,614,350	\$18,025,920	\$19,979,550	\$21,459,980	\$19,127,350
<b>MONO COUNTY TOTALS</b>	\$26,973,450	\$29,336,050	\$36,924,350	\$41,148,517	\$32,697,305
<b>COMBINED TOTALS</b>	\$43,587,800	\$47,361,970	\$56,903,900	\$62,608,497	\$51,824,655



# Sustainable Agriculture

## INVASIVE PLANT TARGETS

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>NUMBER OF SITES</u>	<u>GROSS ACRES</u>
Puncturevine	Biological Control	25 sites	~
Dalmatian Toadflax	Mechanical	1 site	220
Yellow Starthistle	Mechanical	1 site	13
Russian Knapweed	Herbicide	9 sites	3,302
Hoary Cress	Herbicide	2 sites	3
Canada Thistle	Herbicide	20 sites	3,289
Spotted Knapweed	Herbicide	2 sites	3
Halogeton	Mechanical	12 sites	4,392
Scotch Thistle	Herbicide	5 sites	1,247
Camelthorn	Herbicide	1 site	94
Saltcedar	Biological Control	3 sites	~
Saltcedar	Herbicide	100 sites	~
Perennial Pepperweed	Herbicide	96 sites	27,456

## PEST EXCLUSION

Exotic and/or target pests in incoming plant material via UPS, FedEx, and US Mail:

13,652 Shipments Inspected

# Organic and Outreach Programs

## INYO AND MONO COUNTIES

### ORGANIC FARMING STATISTICS:

There were 3 organic farms registered in 2009.

### EASTERN SIERRA CERTIFIED FARMERS MARKET:

20 Growers participated in the 2009 Farmers Markets. Commodities sold included: apples, peaches, pears, grapes, berries, plums, cherries, apricots, nectarines, pumpkins, cabbage, lettuce, squash, onions, eggplant, tomatoes, beets, peppers, carrots, spinach, corn, cucumbers, tomatillos, beans, cantaloupe, watermelons, zucchini, peas, Swiss chard, radishes, kale, broccoli, potatoes, rhubarb, shallots, figs, pecans, turnips, rutabaga, celery, cut flowers and herbs.

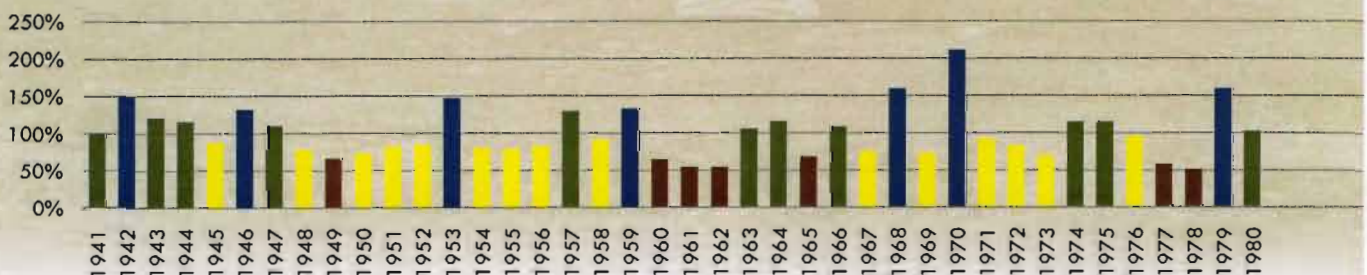
### OUTREACH PROGRAM

During 2009, the Inyo/Mono Counties' Agriculture Department sponsored:

- 3 pesticide safety seminars with 110 professional card holders and private applicators attending, to meet California state continuing education requirements;
- A final review of a full feasibility study for natural beef marketing, with over 100 attendees;
- 4 educational workshops for local groups.

The Department's inspection surveillance area, which encompasses over 10,000 square miles, provided outreach from northern Mono County, including several California and Nevada field crop growers located in the Antelope Valley area, to the southern tip of Inyo County, including a large commercial turf grass farm in the Sandy Valley, near Las Vegas, Nevada. The Inyo/Mono Agricultural Commissioner's office is tasked with the surveillance of 50% of the California/Nevada border for pests that could endanger the agricultural industry of California.

### EASTERN SIERRA PRECIPITATION CHART



# Weights and Measures

INYO AND MONO COUNTIES

## WEIGHTS AND MEASURES ENFORCEMENT

Over 1,200 devices were inspected in 2009 to ensure accuracy within California state tolerances. These devices included:

- 1,017 retail fuel meters;
- 128 small retail scales;
- 50 livestock scales;
- 23 vehicle scales;
- 10 hopper scales;
- 8000 vapor and electric meters (10 year cycle).

Of the 1,200+ devices inspected, 13 Notice of Violations were issued. All consumer complaints received by the Inyo/Mono Counties' Weights and Measures Department resulted in further inspections throughout the year. The Weights and Measures Department also conducted several scanner audits to ensure accuracy of price scanners in stores, and labeling audits to ensure the accuracy of labeled contents of pre-packaged goods. Regular inspections protect consumers from misrepresentation and maintain fair competition between sellers.

