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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/>.

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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,

George L. Milovich
Agricultural Commissioner

COUNTY OF INYO
LIVESTOCK

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
CATTLE & CALVES						
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
SHEEP & LAMBS						
	2005	3,500	3,150	Cwt.	\$ 78.00	\$ 245,700
	2004	3,000	2,700	Cwt.	\$ 83.00	\$ 224,100
TOTAL LIVESTOCK				2005	\$9,117,850	
				2004	\$7,954,638	

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
TOTAL FIELD CROPS						2005	\$3,792,500
						2004	\$3,596,550

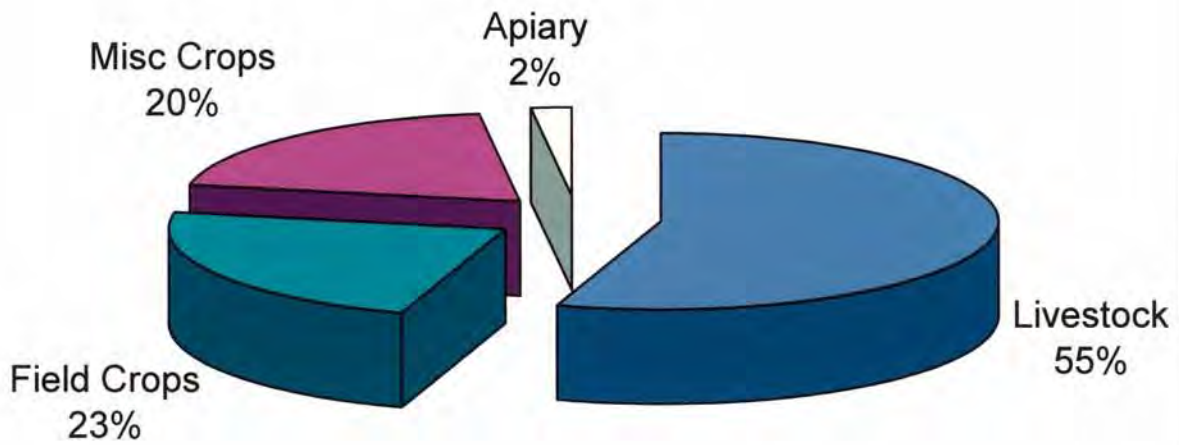
MISCELLANEOUS CROP PRODUCTION

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	
TOTAL MISCELLANEOUS CROP PRODUCTION				2005	\$3,179,000
				2004	\$2,340,000

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
TOTAL APIARY				2005	\$525,000
				2004	\$450,000

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
	=====	=====
TOTALS	\$14,341,188	\$16,614,350



COUNTY OF MONO
LIVESTOCK

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
CATTLE & CALVES						
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
SHEEP & LAMBS	2005	16,000	-	Cwt.	\$ 78.00	\$1,248,000
	2004	16,000	12,150	Cwt.	\$ 83.00	\$1,008,450
TOTAL LIVESTOCK				2005		\$17,115,500
				2004		\$12,811,030

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
TOTAL FIELD CROPS							
						2004	\$7,920,750

ROW CROP PRODUCTION

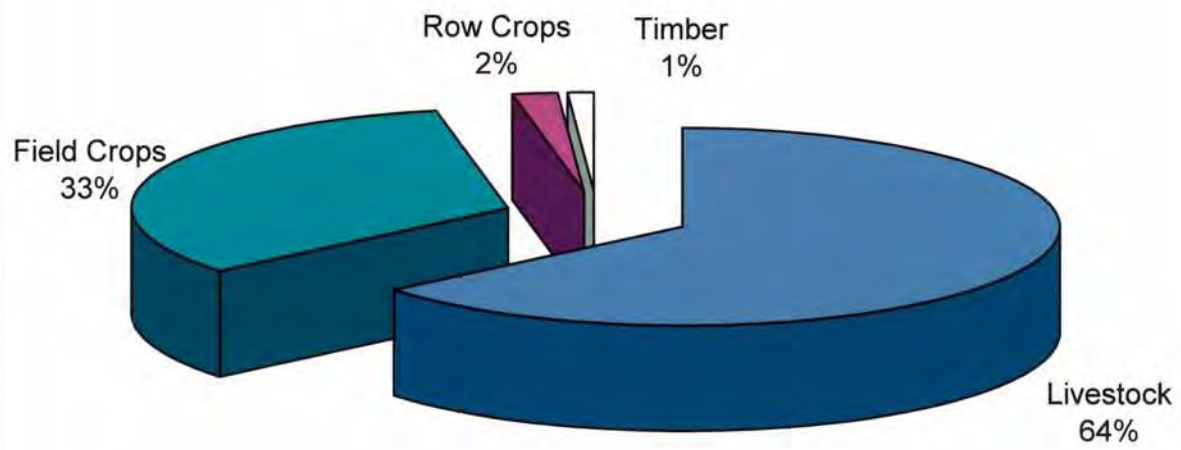
ITEM	YEAR	ACREAGE	TOTAL	
Garlic	2005	156	\$ 414,950	
	2004	240	\$ 500,000	
Carrots	2005	0	\$ 0	
	2004	600	\$5,000,000	
			2005	\$ 414,950
TOTAL ROW CROP PRODUCTION				
			2004	\$5,500,000

TIMBER

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

COUNTY OF MONO

2005 AGRICULTURAL VALUES





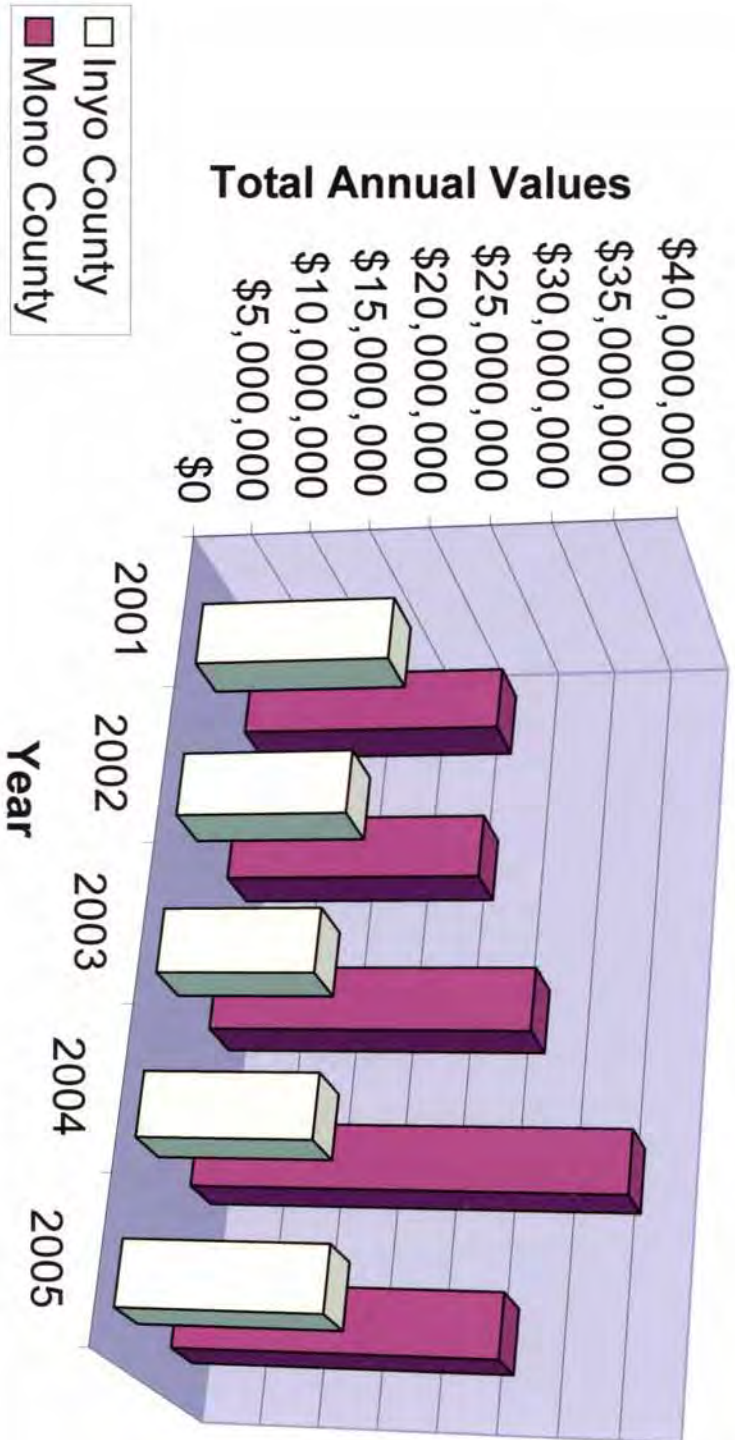
MONO COUNTY TOTALS

	<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
	=====	=====
TOTALS	\$26,308,780	\$26,973,450



COMPARISON SUMMARY

Inyo/Mono Agricultural Values 2001-2005

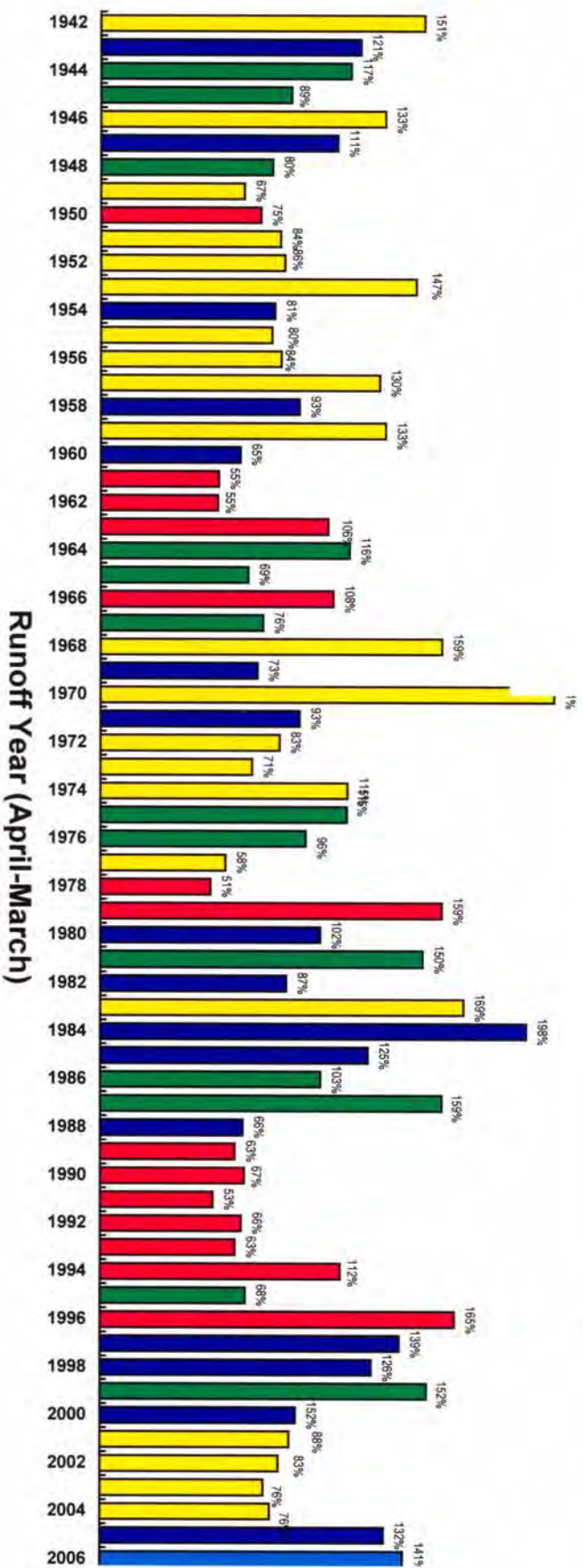


COMPARISON SUMMARY

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
COMBINED TOTALS	\$38,743,688	\$36,132,975	\$40,455,875	\$40,649,968	\$43,587,800

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
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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
CATTLE & CALVES						
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
SHEEP & LAMBS						
	2006	5,000	4,500	Cwt.	\$70.00	\$315,000
	2005	3,500	3,150	Cwt.	\$78.00	\$245,700
TOTAL LIVESTOCK				2006	\$9,755,120	
				2005	\$9,117,850	

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
TOTAL FIELD CROPS					2006	\$4,390,800	
					2005	\$3,792,500	

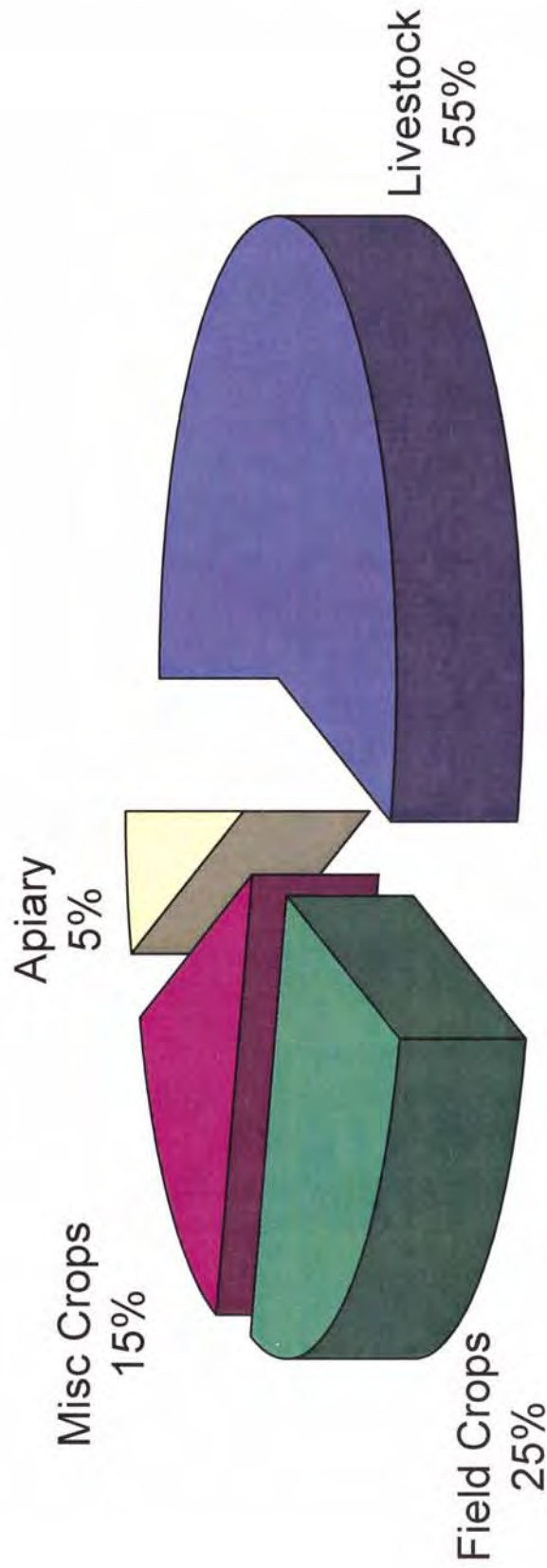
MISCELLANEOUS CROP PRODUCTION

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	
TOTAL MISCELLANEOUS CROP PRODUCTION				2006	\$3,100,000
				2005	\$3,179,000

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
TOTAL APIARY				2006	\$780,000
				2005	\$525,000

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/>
TOTALS	\$16,614,350	\$18,025,920



**COUNTY OF MONO
LIVESTOCK**

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PRICE PER UNIT	TOTAL
CATTLE & CALVES						
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
SHEEP & LAMBS	2006	18,000	16,200	Cwt.	\$70.00	\$1,134,000
	2005	16,000	14,400	Cwt.	\$78.00	\$1,248,000

TOTAL LIVESTOCK	2006	\$17,497,050
	2005	\$17,115,500

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
TOTAL FIELD CROPS					2006	\$11,594,000	
					2005	\$9,413,000	

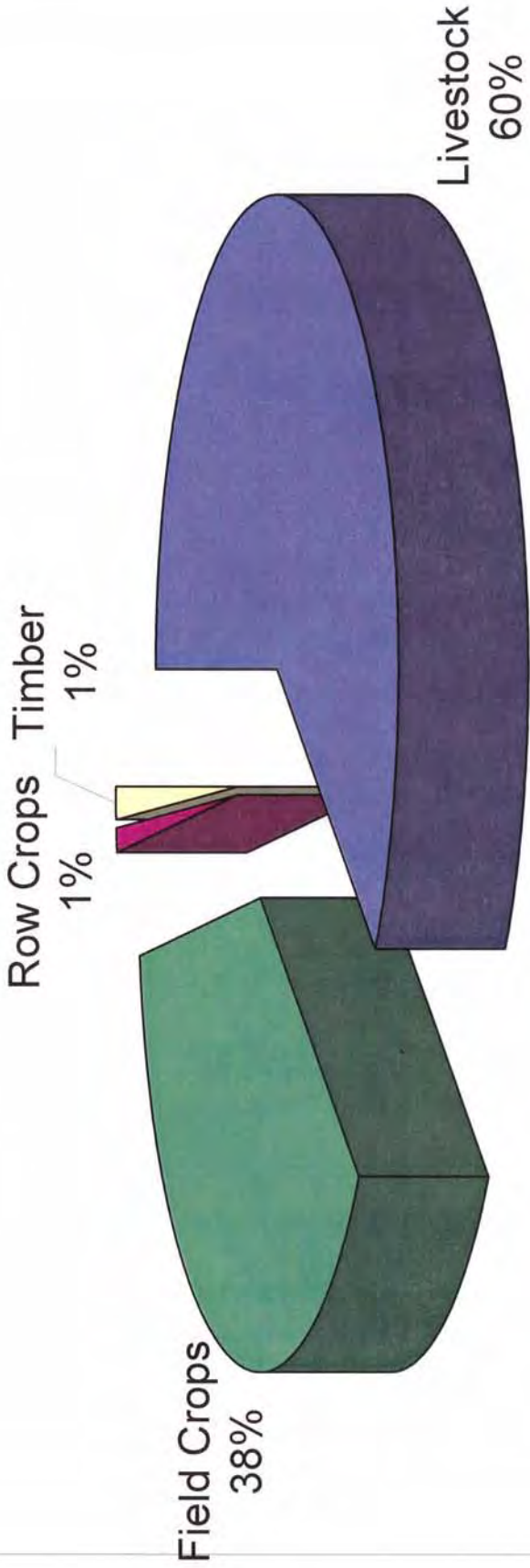
ROW CROP PRODUCTION

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

TIMBER

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

COUNTY OF MONO
2006 AGRICULTURAL VALUES



County of Mono (Continued)



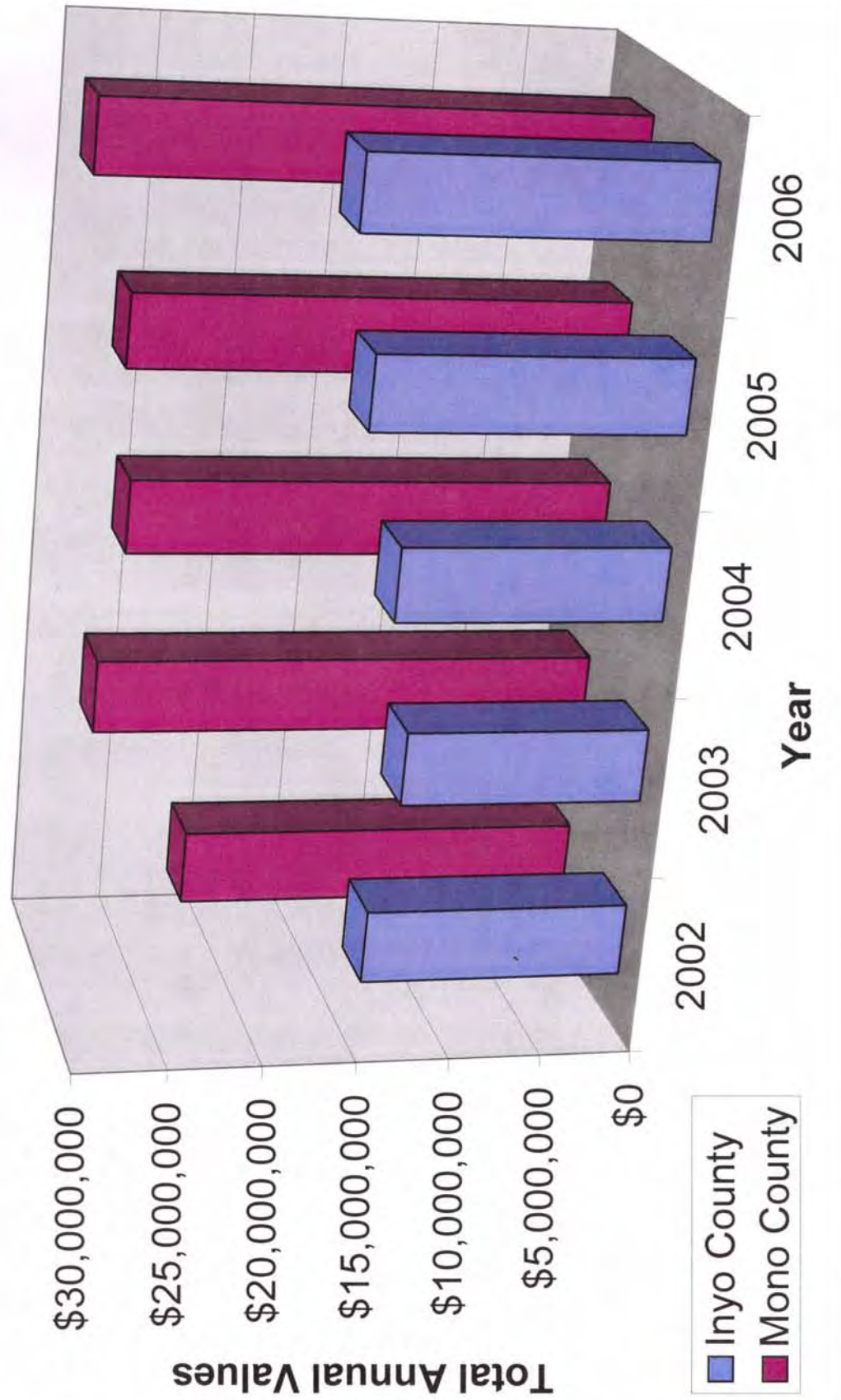
MONO COUNTY TOTALS

	<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
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TOTALS	\$26,973,450	\$29,336,050



COMPARISON SUMMARY

Inyo/Mono Agricultural Values 2002-2006





COMPARISON SUMMARY

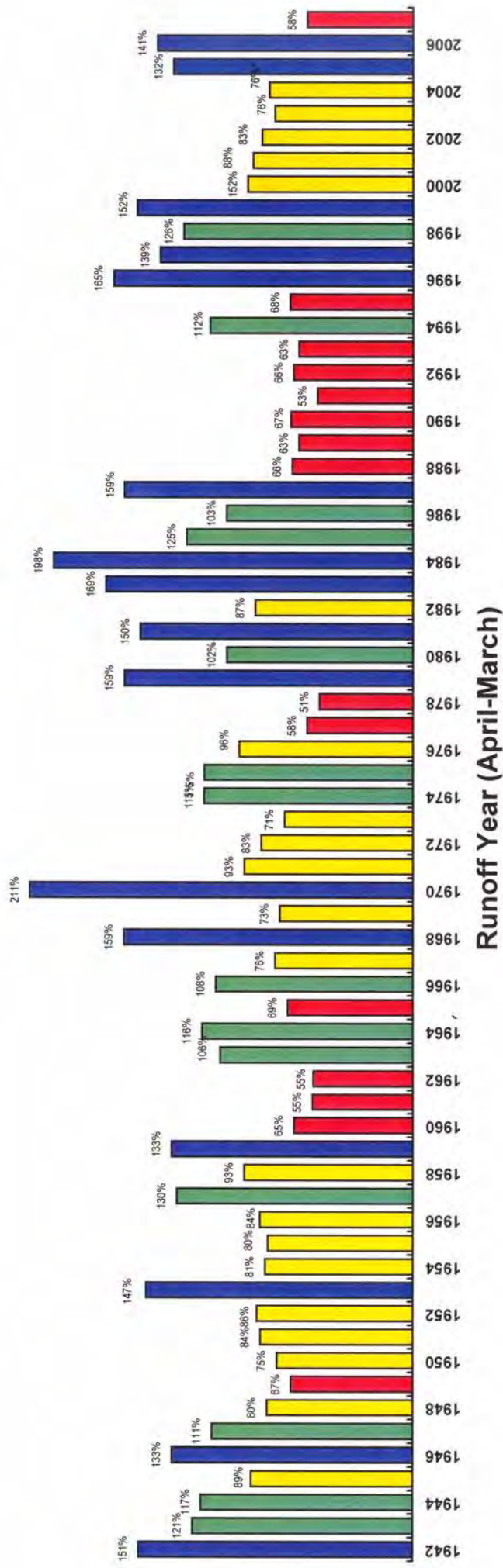
2002 -- 2006

	<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/>					
COMBINED TOTALS	\$36,132,975	\$40,455,875	\$40,649,968	\$43,587,800	\$47,361,970



EASTERN SIERRA NEVADA RUNOFF (Mono Basin & Owens Valley)

Percent of Normal



█ >130% of normal
█ normal to 130% of normal
█ 70% of normal to normal
█ <70% of normal

ANNUAL SUSTAINABLE AGRICULTURE REPORTING

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

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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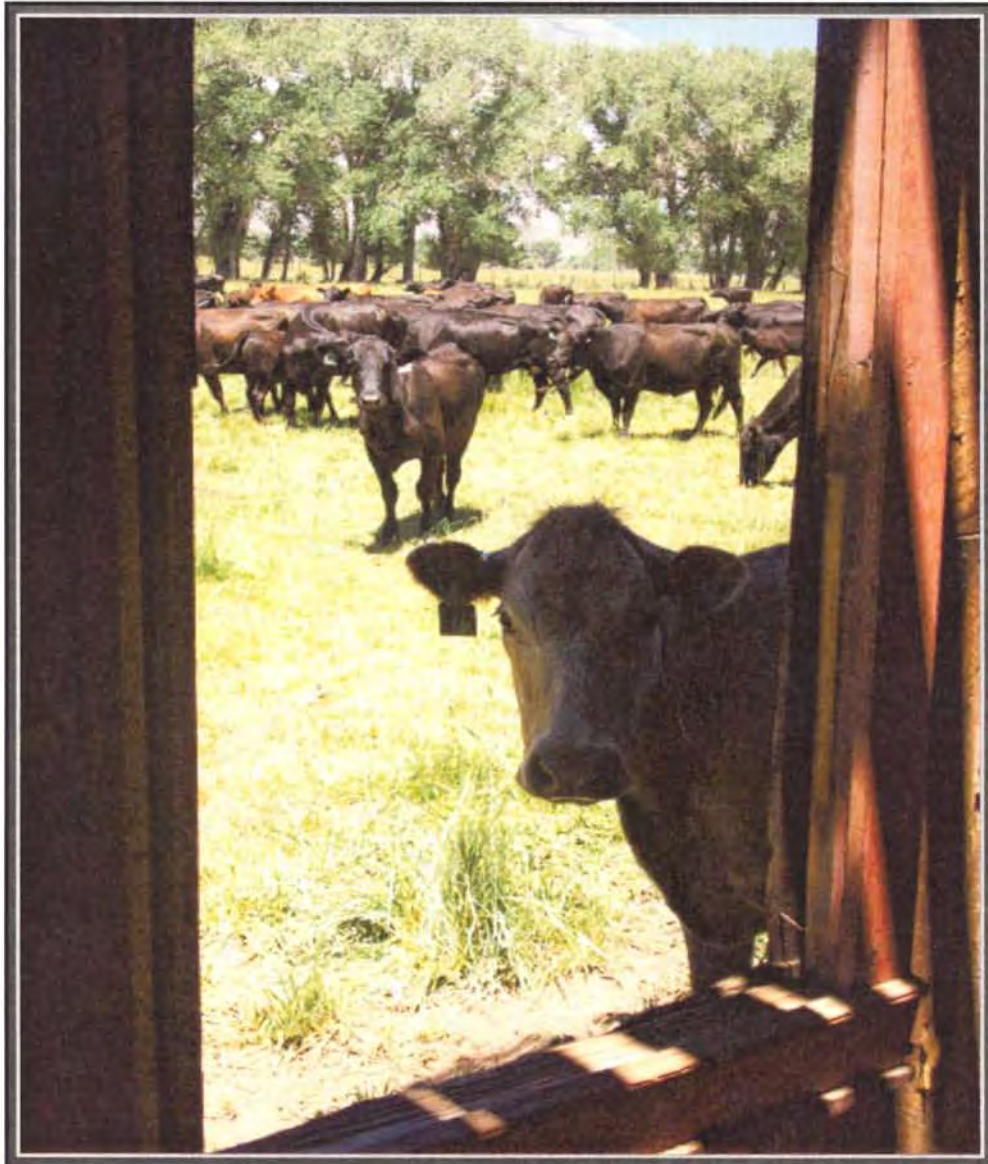
ORGANIC FARMING STATISTICS

Six organic farms registered in 2006

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

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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 125th anniversary of the California Agricultural Commissioner and Sealer Association.

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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 *

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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 *

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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 solely dedicated to range management of the Eastern Sierras and the detection, eradication, and management of noxious, non-native weed species.

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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.

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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.

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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
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Incorporated Cities/Towns:

Bishop

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Summer High -- 98°

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Big Pine
Cartago
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Lone Pine
Olancha
Pearsonville
Shoshone
Tecopa



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Land Area (square miles)	3,044
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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
CATTLE & CALVES						
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
SHEEP & LAMBS						
	2007	5,000	4,500	Cwt.	\$78.00	\$351,000
	2006	5,000	4,500	Cwt.	\$70.00	\$315,000

TOTAL LIVESTOCK	2007	\$10,261,250
	2006	\$9,755,120

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
TOTAL FIELD CROPS					2007	\$5,648,800	
					2006	\$4,390,800	

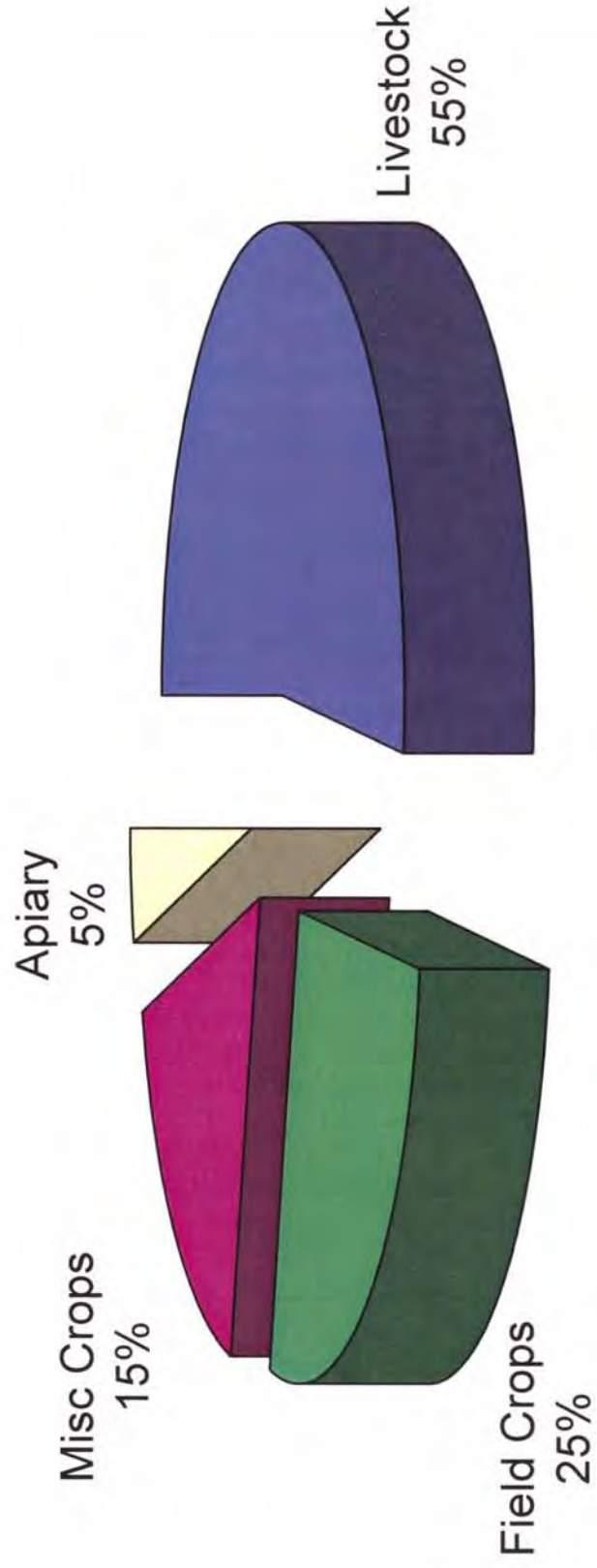
MISCELLANEOUS CROP PRODUCTION

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
TOTAL MISCELLANEOUS CROP PRODUCTION				2007
				2006
				\$3,327,000
				\$3,100,000

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
TOTAL APIARY				2006	\$742,500
				2005	\$780,000

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/>
TOTALS	\$18,025,920	\$19,979,550



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
TOTAL FIELD CROPS					2006	\$16,568,750	
					2005	\$11,594,000	

ROW CROP PRODUCTION

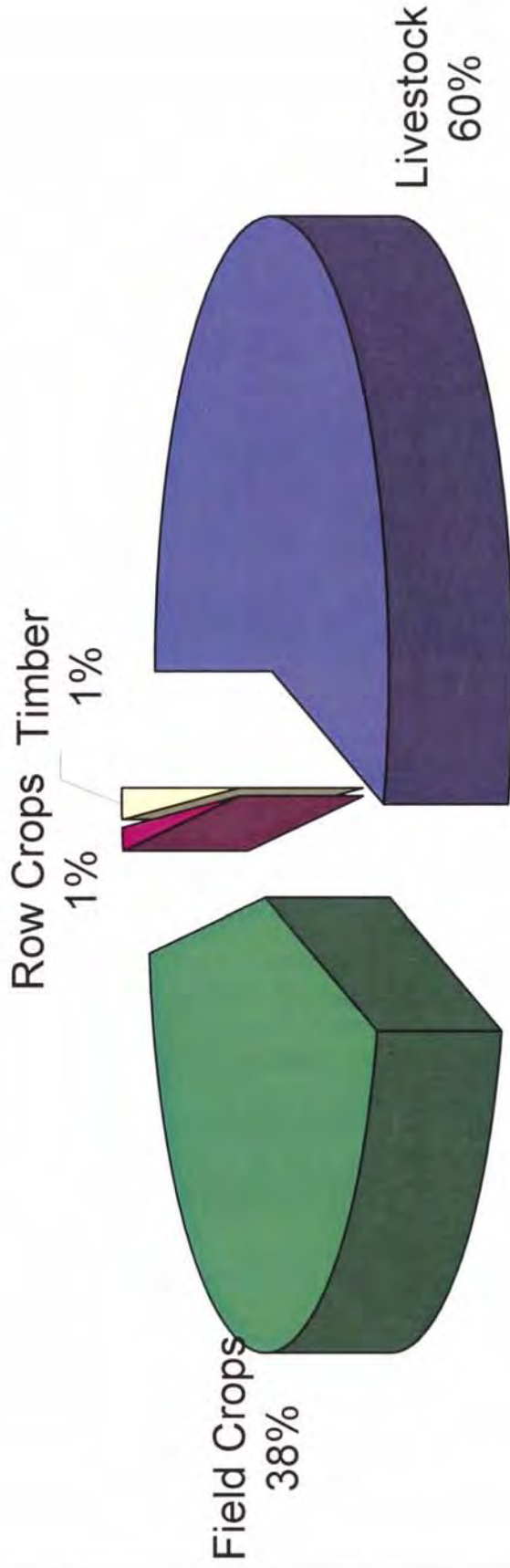
ITEM	YEAR	ACREAGE	TOTAL YIELD	TOTAL
Garlic	2007	63	~	\$90,000
	2006	150	~	\$220,000
TOTAL ROW CROP PRODUCTION				2007
				2006
				\$90,000
				\$220,000

TIMBER

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

COUNTY OF MONO

2007 AGRICULTURAL VALUES



County of Mono (Continued)



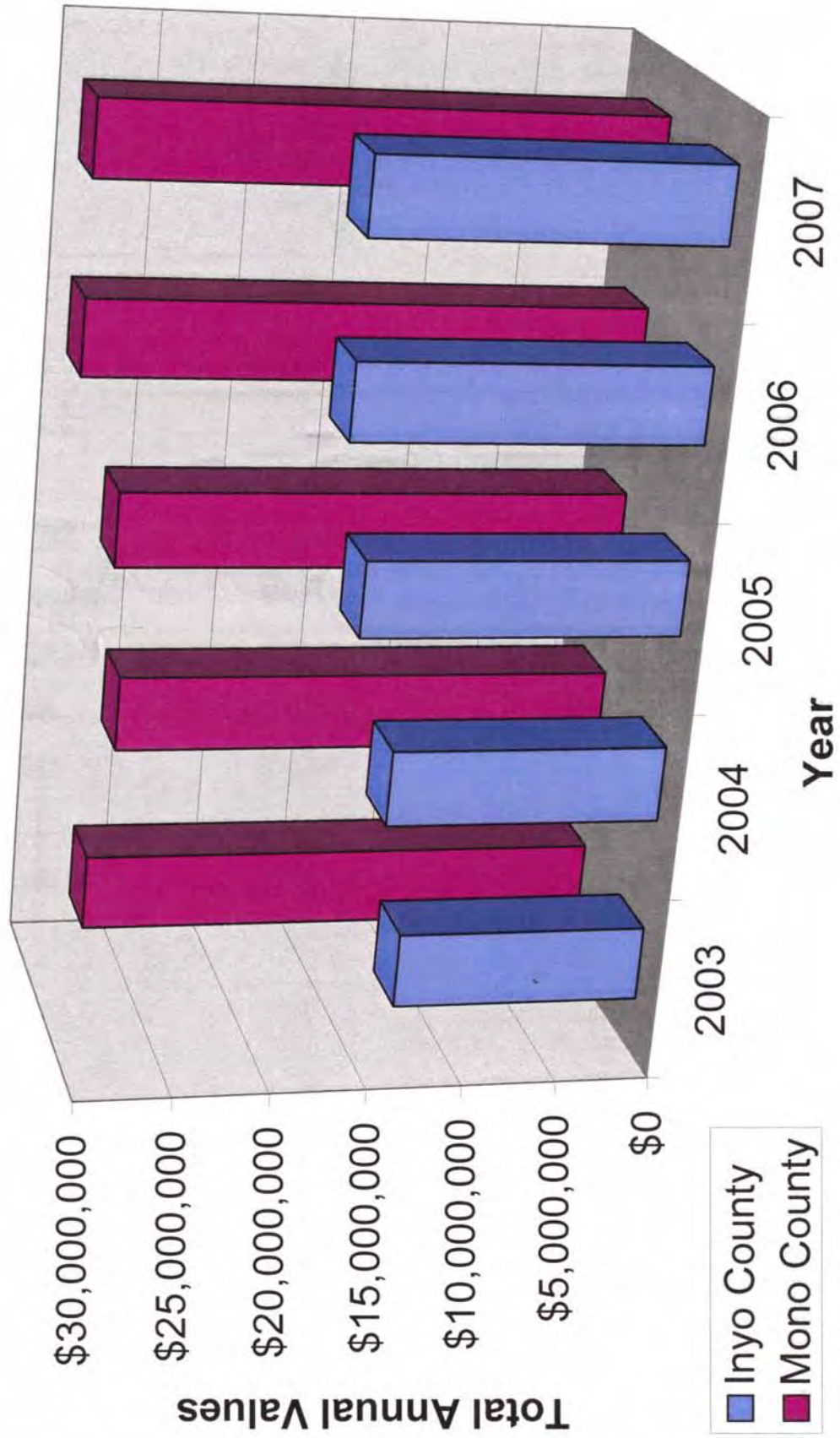
MONO COUNTY TOTALS

	<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/>
TOTALS	\$29,336,050	\$36,924,350



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/>					
COMBINED TOTALS	\$40,455,875	\$40,649,968	\$43,587,800	\$47,361,970	\$56,903,900



ANNUAL SUSTAINABLE AGRICULTURE REPORTING

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

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

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

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Eastern Sierra Weed Management Area, a joint powers 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
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Telephone - (760) 873-7860 Fax - (760) 872-1610
<http://www.inyomonoagriculture.com>
E-mail - 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.

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Photo: Rangeland surrounding Crowley Lake, Mono County

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Winter Low—8°

Chalfant Valley:

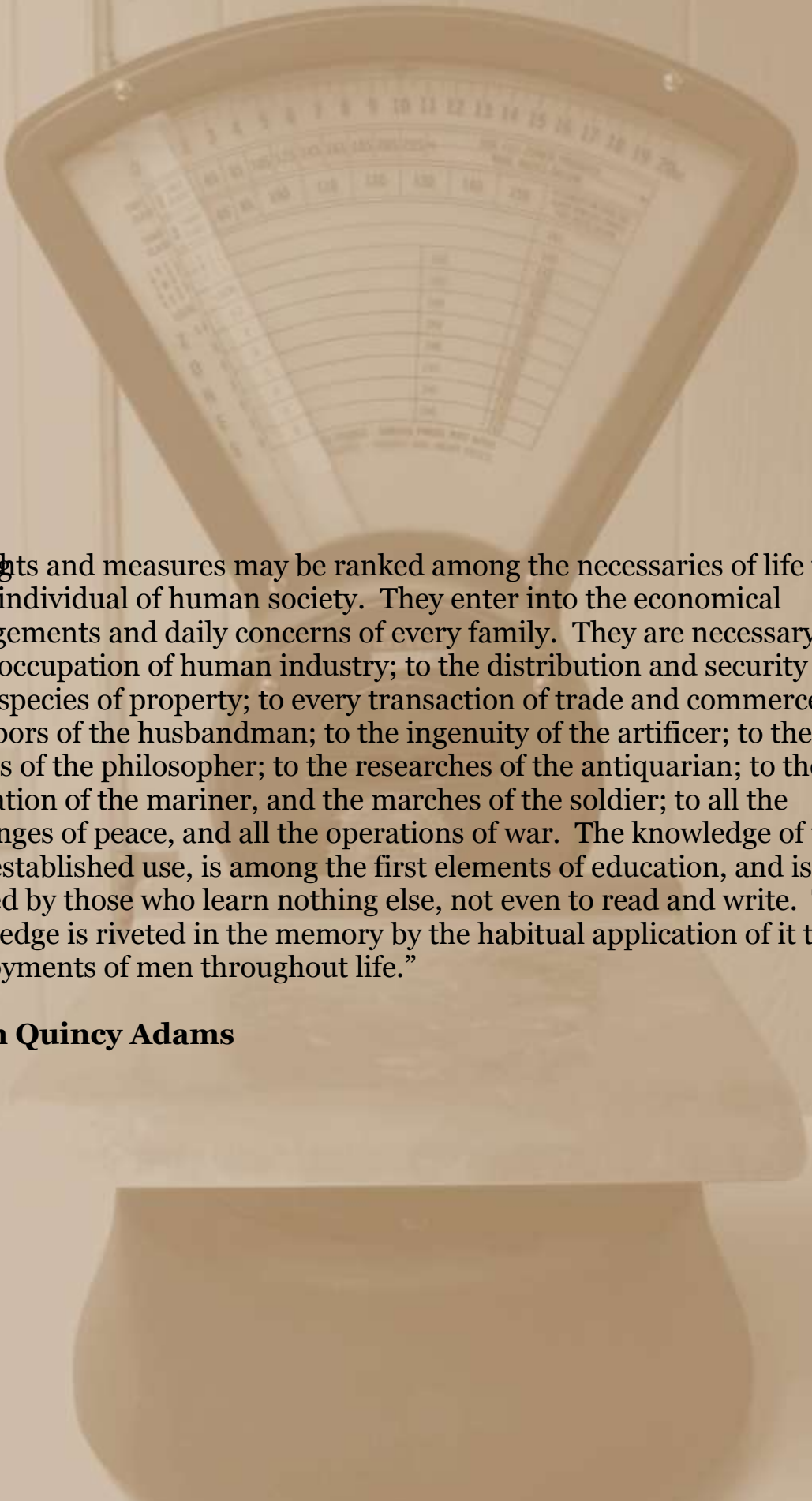
Summer High—98°

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 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.”

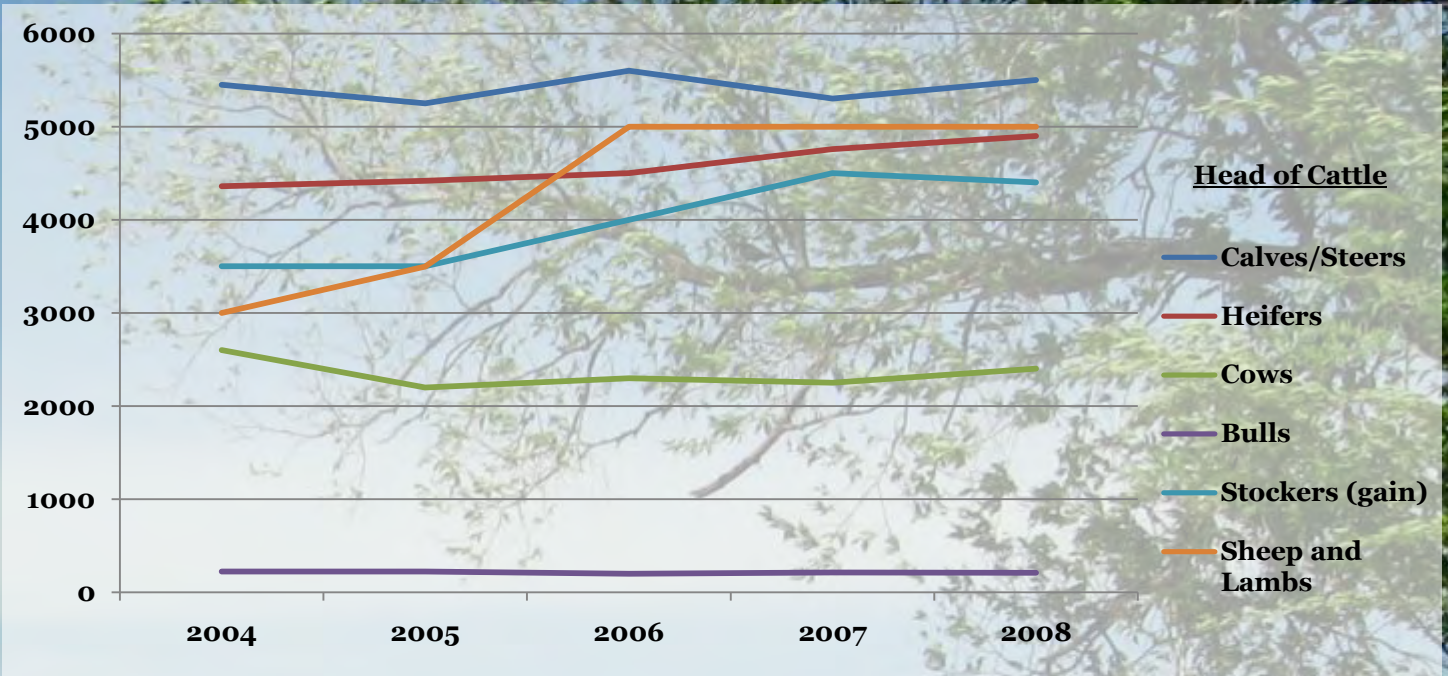
-John Quincy Adams

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	2,400	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
TOTAL LIVESTOCK			2008	\$10,508,480		
			2007	\$10,261,250		

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

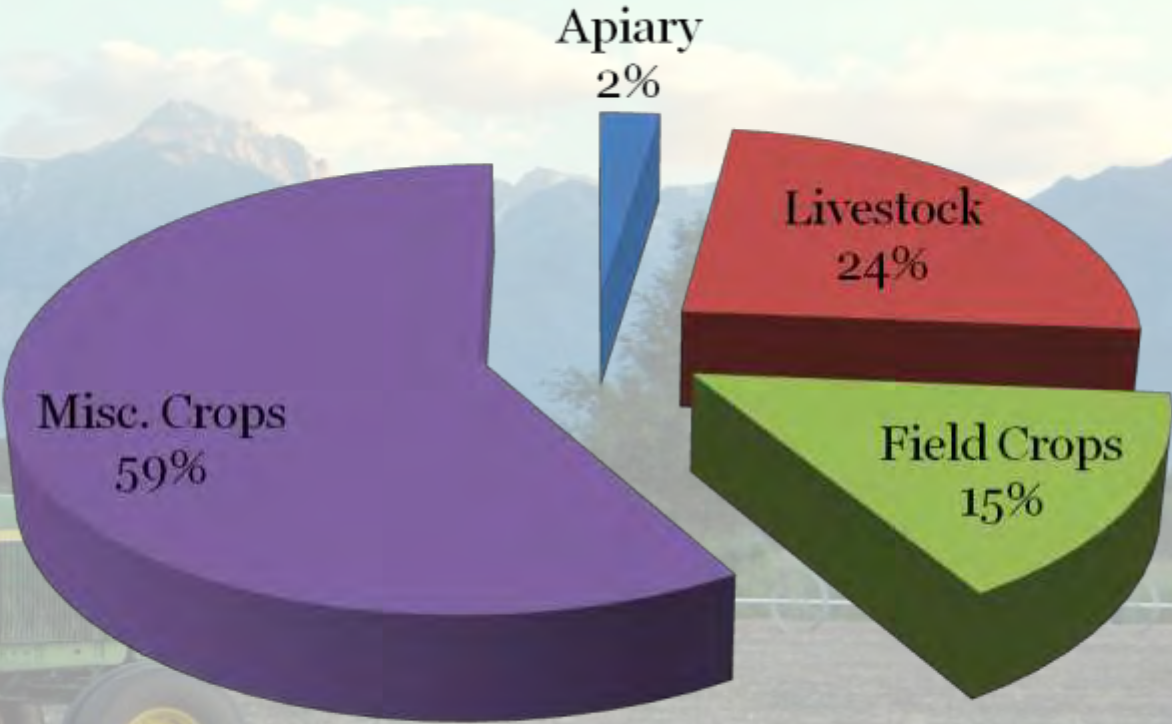
2008 AGRICULTURAL VALUES

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

Photo: Alfalfa planting near Independence, Inyo County

INYO COUNTY TOTALS

Agricultural Values

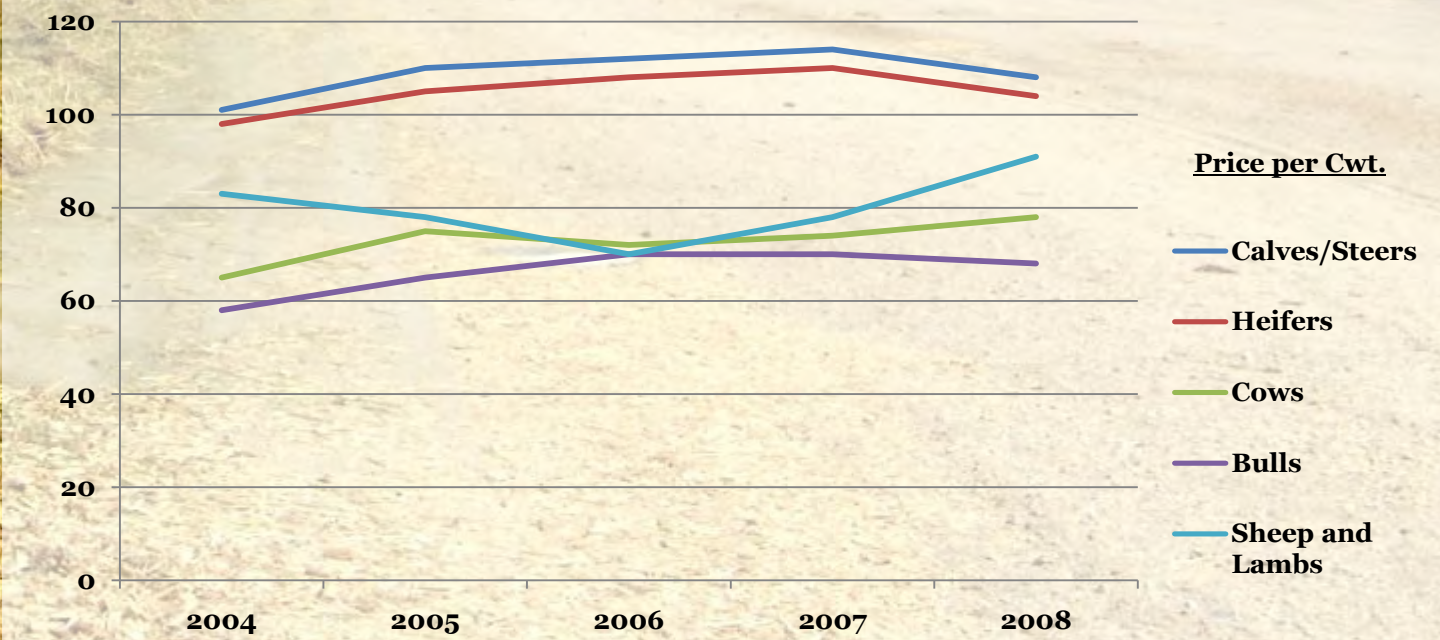
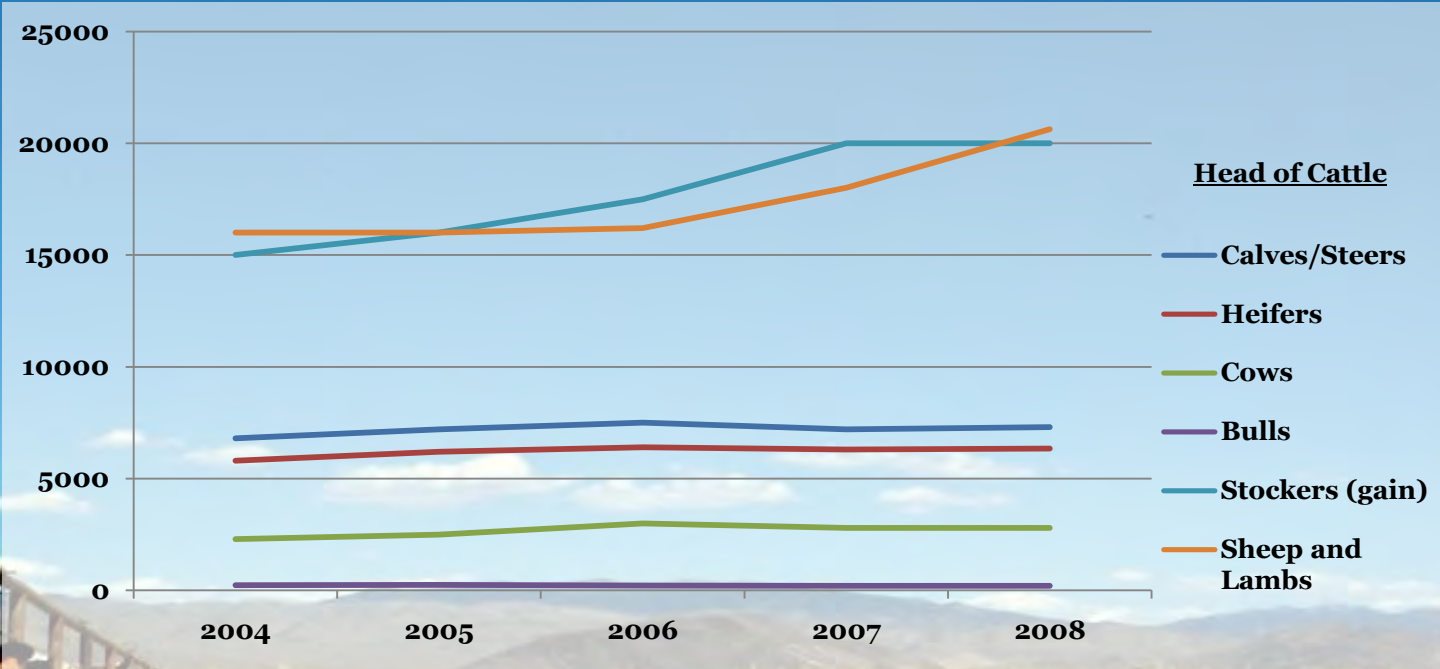


COUNTY OF MONO

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
TOTAL FIELD CROPS				2008		\$19,746,250	
				2007		\$16,568,750	

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
TOTAL MISCELLANEOUS CROP PRODUCTION			2008	\$280,000
			2007	\$90,000

TIMBER

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

COUNTY OF MONO

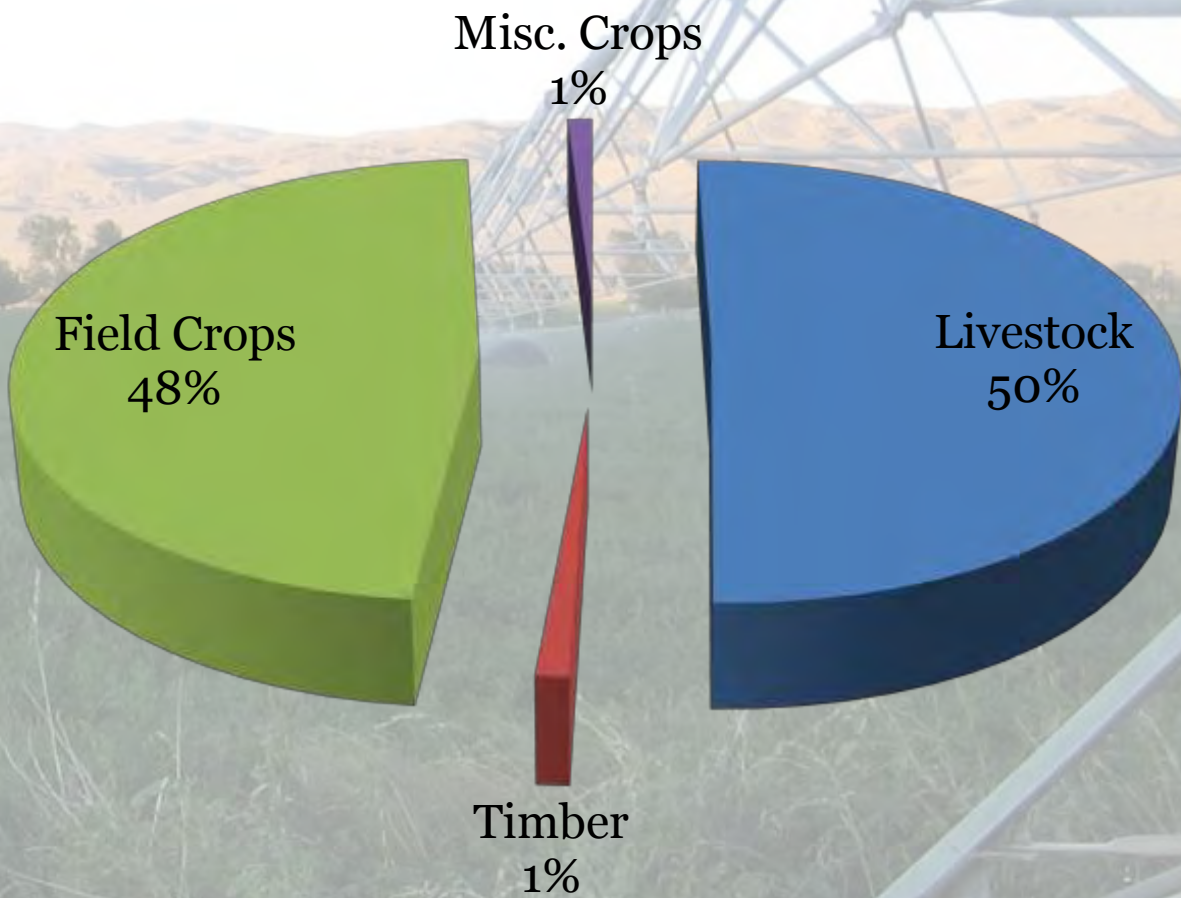
2008 AGRICULTURAL VALUES

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

Photo: Alfalfa field, Fish lake Valley, Mono County

MONO COUNTY TOTALS

Agricultural Values



COUNTIES OF INYO AND MONO

COMPARISON SUMMARY

COMPARISON SUMMARY

2004—2008



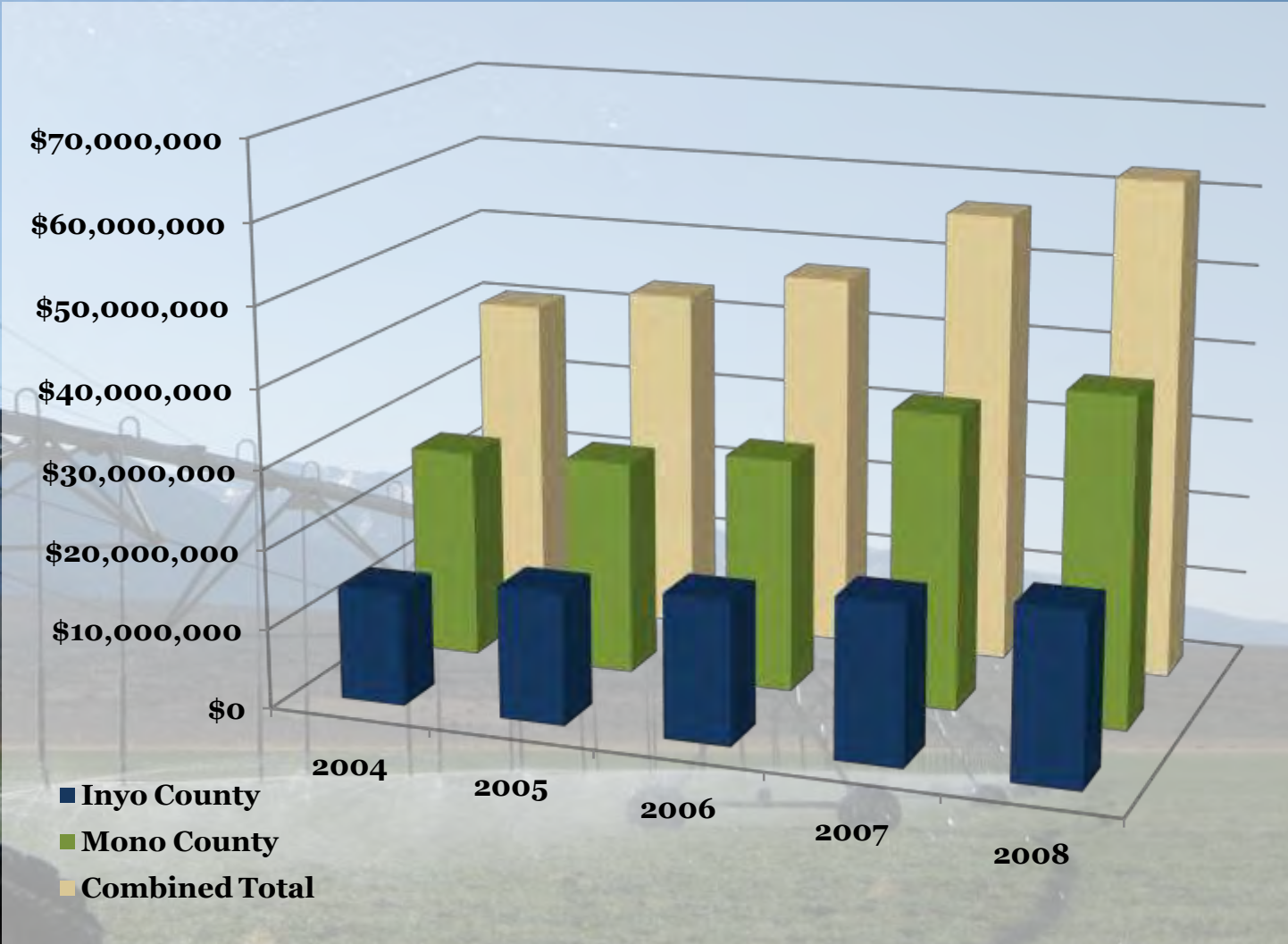
	2004	2005	2006	2007	2008
 INYO COUNTY TOTALS	\$14,341,188	\$16,614,350	\$18,025,920	\$19,979,550	\$21,459,980
 MONO COUNTY TOTALS	\$26,308,780	\$26,973,450	\$29,336,050	\$36,924,350	\$41,148,517
COMBINED TOTALS	\$40,649,968	\$43,587,800	\$47,361,970	\$56,903,900	\$62,608,497

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:

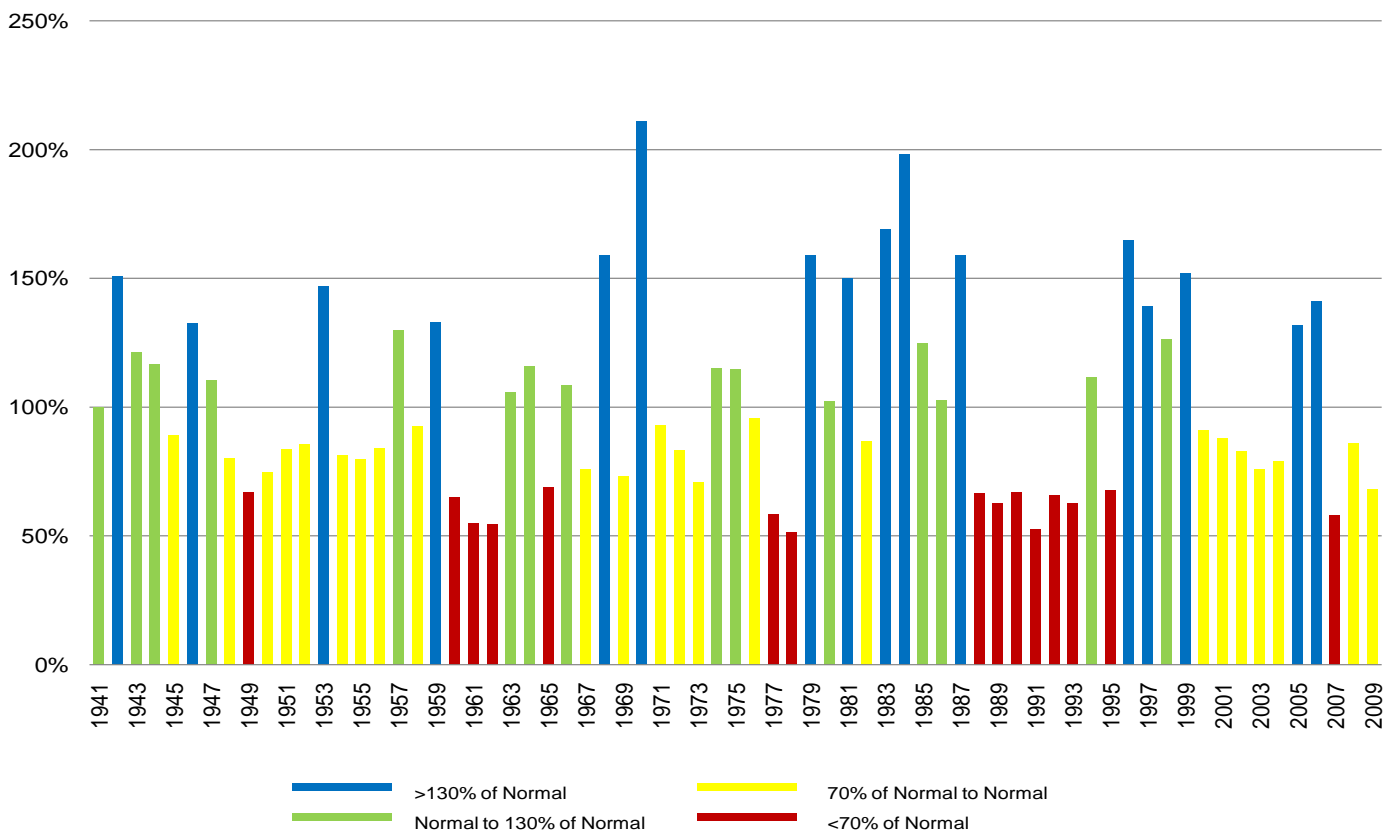
- ⇒ 3 pesticide safety seminars, with 110 professional card holders and private applicators attending, to meet state continuing education requirements;
- ⇒ Meetings were held on the feasibility of a local natural beef market with about 60 industry people attending;
- ⇒ Six educational workshops for local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

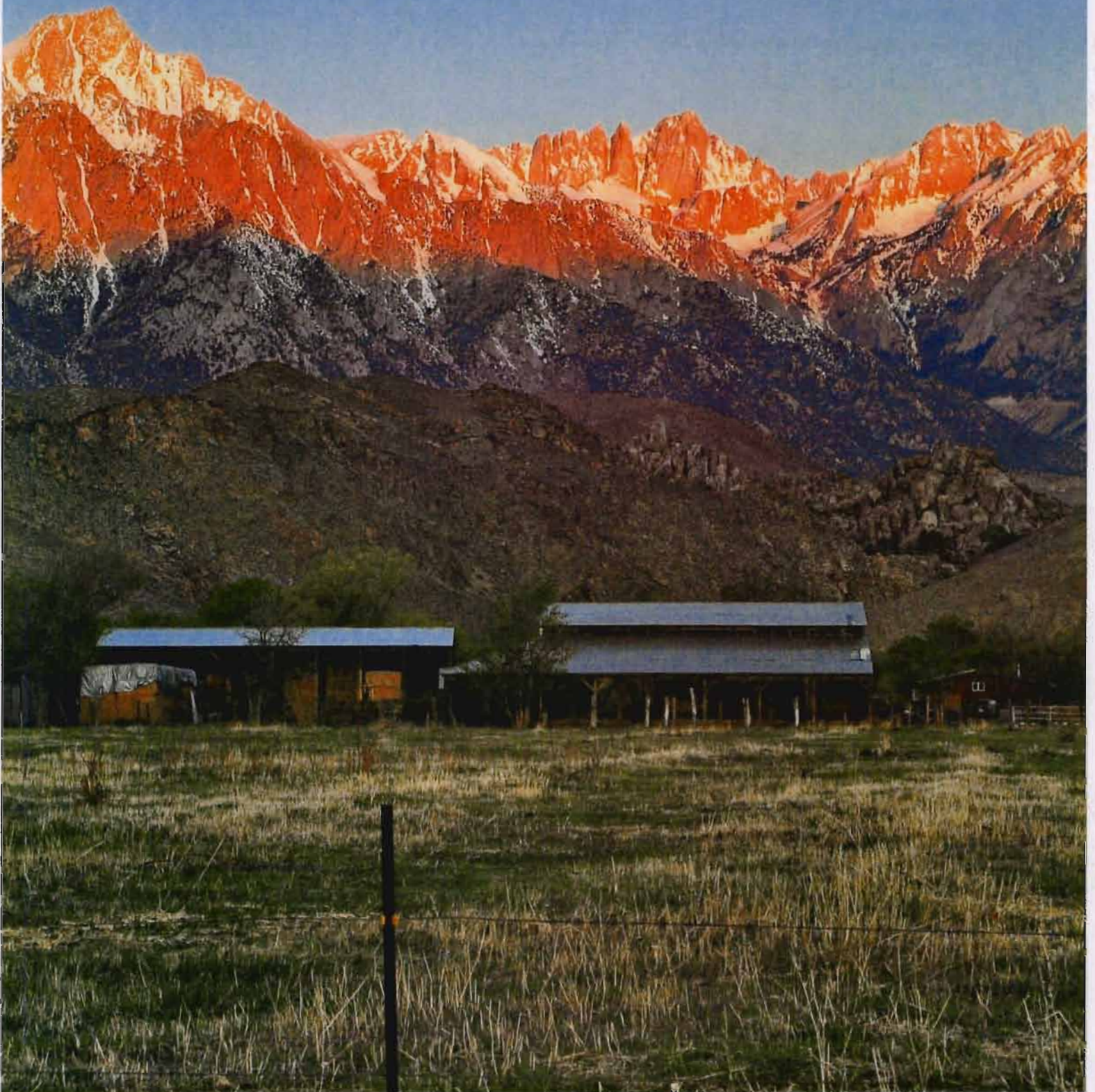
Over 1,200 devices were inspected in 2008 to ensure accuracy within state tolerances which included: 936 retail fuel meters, 161 small retail scales, 42 livestock scales, 24 vehicle scales, 11 hopper scales, and numerous vapor and electric meters. During 2008, there were 42 consumer complaints received 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



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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
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12. Row Crop Production/Timber
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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

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 129th 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.



**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, protect the 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

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

TOTAL LIVESTOCK	2009	\$ 9,997,350
	2008	\$10,508,480

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
TOTAL FIELD CROP PRODUCTION				2009			\$4,767,500
				2008			\$6,561,500



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
TOTAL MISCELLANEOUS CROP PRODUCTION			2009	\$2,425,000
			2008	\$3,340,000

APIARY PRODUCTION

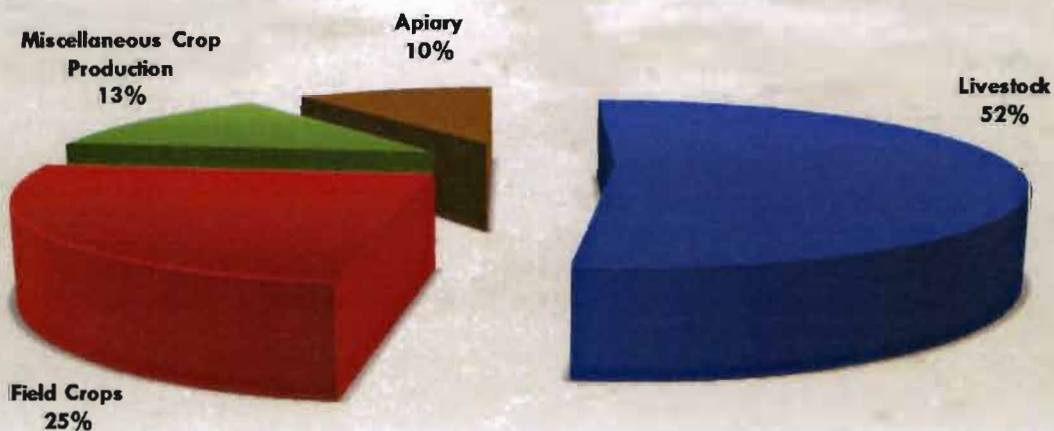
ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL
Honey	2009	775,000	Lbs.	\$2.50	\$1,937,500
	2008	700,000	Lbs.	\$1.50	\$1,050,000
TOTAL APIARY PRODUCTION			2009	\$1,937,500	
			2008	\$1,050,000	

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
TOTALS	2009	\$19,127,350
	2008	\$21,459,980

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

TOTAL LIVESTOCK	2009	\$19,596,055
	2008	\$21,098,267

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
TOTAL ROW CROP PRODUCTION			2009	\$32,000
			2008	\$280,000

TIMBER PRODUCTION

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



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
TOTALS	2009	\$32,697,305
	2008	\$41,148,517

Mono County Agricultural Values - 2009



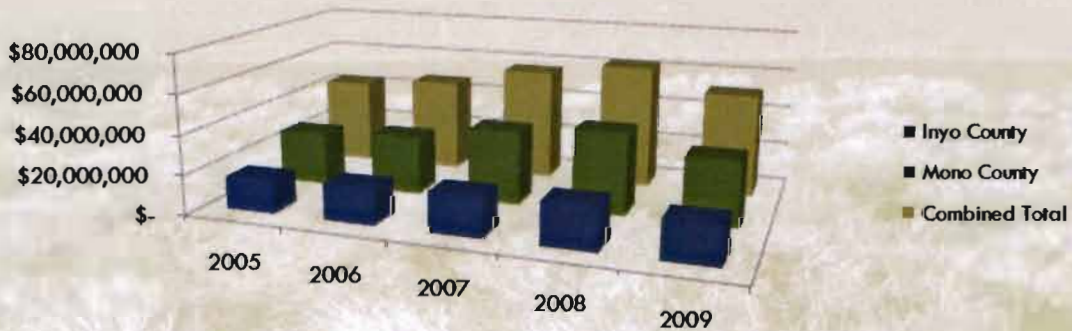
Comparison Summary

INYO AND MONO COUNTIES

COMPARISON SUMMARY

2005-2009

	2005	2006	2007	2008	2009
INYO COUNTY TOTALS	\$16,614,350	\$18,025,920	\$19,979,550	\$21,459,980	\$19,127,350
MONO COUNTY TOTALS	\$26,973,450	\$29,336,050	\$36,924,350	\$41,148,517	\$32,697,305
COMBINED TOTALS	\$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.

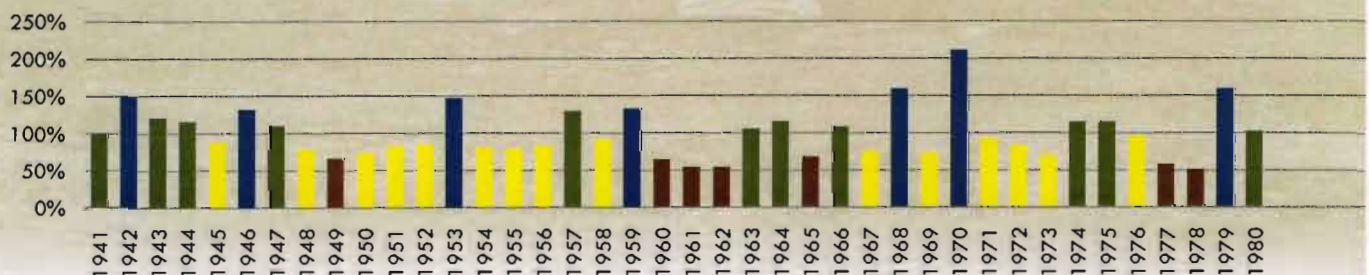
OUTREACH PROGRAM

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.

