Counties of Inyo and Mono Agriculture Department

First cut alfalfa – Hammil Valley, Mono County

2005 Annual Crop and Livestock Report
TO: A.G. Kawamura, Secretary
California Department of Food and Agriculture

and the Honorable

Inyo County Board of Supervisors
Linda Arcularius
Jim Blyeu
Susan Cash
Richard Cervantes
Ted Williams

Mono County Board of Supervisors
Tom Farnetti
D. "Hap" Hazard
Byng Hunt
Vikki Magee-Bauer

June 8, 2006

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Year</th>
<th>Head</th>
<th>LiveWeight</th>
<th>Unit</th>
<th>Price Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cattle &amp; Calves</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calves/Steers</td>
<td>2005</td>
<td>5,250</td>
<td>28,875</td>
<td>Cwt.</td>
<td>$110.00</td>
<td>$3,176,250</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>5,450</td>
<td>28,612</td>
<td>Cwt.</td>
<td>$101.00</td>
<td>$2,889,812</td>
</tr>
<tr>
<td>Heifers</td>
<td>2005</td>
<td>4,420</td>
<td>23,205</td>
<td>Cwt.</td>
<td>$105.00</td>
<td>$2,436,525</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>4,360</td>
<td>20,710</td>
<td>Cwt.</td>
<td>$ 98.00</td>
<td>$2,029,580</td>
</tr>
<tr>
<td>Cows</td>
<td>2005</td>
<td>2,200</td>
<td>24,200</td>
<td>Cwt.</td>
<td>$ 75.00</td>
<td>$1,815,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>2,600</td>
<td>26,000</td>
<td>Cwt.</td>
<td>$ 65.00</td>
<td>$1,690,000</td>
</tr>
<tr>
<td>Bulls</td>
<td>2005</td>
<td>225</td>
<td>3,375</td>
<td>Cwt.</td>
<td>$ 65.00</td>
<td>$ 219,375</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>225</td>
<td>3,037</td>
<td>Cwt.</td>
<td>$ 58.00</td>
<td>$ 176,146</td>
</tr>
<tr>
<td>Stockers (Gain)</td>
<td>2005</td>
<td>3,500</td>
<td></td>
<td>Cwt.</td>
<td>$  1.00</td>
<td>$1,225,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>3,500</td>
<td></td>
<td>Cwt.</td>
<td>$ 90.00</td>
<td>$ 945,000</td>
</tr>
<tr>
<td><strong>Sheep &amp; Lambs</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td>3,500</td>
<td>3,150</td>
<td>Cwt.</td>
<td>$ 78.00</td>
<td>$ 245,700</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>3,000</td>
<td>2,700</td>
<td>Cwt.</td>
<td>$ 83.00</td>
<td>$ 224,100</td>
</tr>
</tbody>
</table>

**Total Livestock**

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>$9,117,850</td>
</tr>
<tr>
<td>2004</td>
<td>$7,954,638</td>
</tr>
</tbody>
</table>
# COUNTY OF INYO

## FIELD CROPS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>HARVESTED ACREAGE</th>
<th>YIELD PER ACRE</th>
<th>TOTAL YIELD</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa Hay</td>
<td>2005</td>
<td>3,300</td>
<td>5.50</td>
<td>18,150</td>
<td>Ton</td>
<td>$130.00</td>
<td>$2,359,500</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>3,400</td>
<td>5.25</td>
<td>17,650</td>
<td>Ton</td>
<td>$115.00</td>
<td>$2,052,750</td>
</tr>
<tr>
<td>Miscellaneous Hay</td>
<td>2005</td>
<td>1,500</td>
<td>3.00</td>
<td>4,500</td>
<td>Ton</td>
<td>$120.00</td>
<td>$540,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>1,700</td>
<td>3.00</td>
<td>5,100</td>
<td>Ton</td>
<td>$100.00</td>
<td>$510,000</td>
</tr>
<tr>
<td>Irrigated Pasture</td>
<td>2005</td>
<td>17,000</td>
<td></td>
<td></td>
<td>Acre</td>
<td>$25.00</td>
<td>$425,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>16,900</td>
<td></td>
<td></td>
<td>Acre</td>
<td>$27.00</td>
<td>$456,300</td>
</tr>
<tr>
<td>Dry Grazing</td>
<td>2005</td>
<td>208,000</td>
<td></td>
<td></td>
<td>Acre</td>
<td>$2.25</td>
<td>$468,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>210,000</td>
<td></td>
<td></td>
<td>Acre</td>
<td>$2.75</td>
<td>$577,500</td>
</tr>
</tbody>
</table>

2005 $3,792,500
2004 $3,596,550

## MISCELLANEOUS CROP PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>ACREAGE</th>
<th>TOTAL YIELD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garlic</td>
<td>2005</td>
<td>0</td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>50</td>
<td></td>
<td>$125,000</td>
</tr>
<tr>
<td>Turf</td>
<td>2005</td>
<td>375</td>
<td></td>
<td>$3,104,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>260</td>
<td></td>
<td>$2,250,000</td>
</tr>
<tr>
<td>Miscellaneous Fruit</td>
<td>2005</td>
<td>30</td>
<td>20,000</td>
<td>$75,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>20</td>
<td>14,000</td>
<td>$65,000</td>
</tr>
<tr>
<td>Miscellaneous Vegetables</td>
<td>2005</td>
<td>0</td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>0</td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Miscellaneous Nursery</td>
<td>2005</td>
<td>0</td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>0</td>
<td></td>
<td>$0</td>
</tr>
</tbody>
</table>

2005 $3,179,000
2004 $2,340,000

## APIARY

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>PRODUCTION</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honey</td>
<td>2005</td>
<td>500,000</td>
<td>Lbs.</td>
<td>$1.05</td>
<td>$525,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>300,000</td>
<td>Lbs.</td>
<td>$1.50</td>
<td>$450,000</td>
</tr>
</tbody>
</table>

2005 $525,000
2004 $450,000
## INYO COUNTY TOTALS

<table>
<thead>
<tr>
<th></th>
<th>2004</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Livestock</td>
<td>$7,954,638</td>
<td>$9,117,850</td>
</tr>
<tr>
<td>Field Crops</td>
<td>3,596,550</td>
<td>3,792,500</td>
</tr>
<tr>
<td>Miscellaneous Crop Production</td>
<td>2,340,000</td>
<td>3,179,000</td>
</tr>
<tr>
<td>Apiary</td>
<td>450,000</td>
<td>525,000</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$14,341,188</strong></td>
<td><strong>$16,614,350</strong></td>
</tr>
</tbody>
</table>
# COUNTY OF MONO

## LIVESTOCK

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

**TOTAL LIVESTOCK**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>$17,115,500</td>
</tr>
<tr>
<td>2004</td>
<td>$12,811,030</td>
</tr>
</tbody>
</table>
## FIELD CROPS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>HARVESTED ACREAGE</th>
<th>YIELD PER ACRE</th>
<th>TOTAL YIELD</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa Hay</td>
<td>2005</td>
<td>9,600</td>
<td>5.50</td>
<td>52,800</td>
<td>Ton</td>
<td>$130.00</td>
<td>$6,864,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>8,300</td>
<td>5.50</td>
<td>45,650</td>
<td>Ton</td>
<td>$115.00</td>
<td>$5,449,750</td>
</tr>
<tr>
<td>Miscellaneous Hay</td>
<td>2005</td>
<td>2,200</td>
<td>3.50</td>
<td>7,700</td>
<td>Ton</td>
<td>$120.00</td>
<td>$924,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>2,500</td>
<td>3.50</td>
<td>8,750</td>
<td>Ton</td>
<td>$100.00</td>
<td>$875,000</td>
</tr>
<tr>
<td>Irrigated Pasture</td>
<td>2005</td>
<td>57,000</td>
<td>-</td>
<td>-</td>
<td>Acre</td>
<td>$25.00</td>
<td>$1,425,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>55,000</td>
<td>-</td>
<td>-</td>
<td>Acre</td>
<td>$28.00</td>
<td>$1,540,000</td>
</tr>
<tr>
<td>Dry Grazing</td>
<td>2005</td>
<td>80,000</td>
<td>-</td>
<td>-</td>
<td>Acre</td>
<td>$2.50</td>
<td>$200,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>80,000</td>
<td>-</td>
<td>-</td>
<td>Acre</td>
<td>$3.20</td>
<td>$256,000</td>
</tr>
</tbody>
</table>

2005 | $9,413,000
TOTAL FIELD CROPS

2004 | $7,920,750

## ROW CROP PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>ACREAGE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garlic</td>
<td>2005</td>
<td>156</td>
<td>$414,950</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>240</td>
<td>$500,000</td>
</tr>
<tr>
<td>Carrots</td>
<td>2005</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>600</td>
<td>$5,000,000</td>
</tr>
</tbody>
</table>

2005 | $414,950
TOTAL ROW CROP PRODUCTION

2004 | $5,500,000

## TIMBER

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber/Firewood</td>
<td>2005</td>
<td>$30,000</td>
</tr>
<tr>
<td></td>
<td>2004</td>
<td>$77,000</td>
</tr>
</tbody>
</table>

2005 | $30,000
TOTAL TIMBER

2004 | $77,000
### MONO COUNTY TOTALS

<table>
<thead>
<tr>
<th></th>
<th>2004</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Livestock</td>
<td>$12,811,030</td>
<td>$17,115,500</td>
</tr>
<tr>
<td>Field Crops</td>
<td>7,920,750</td>
<td>9,413,000</td>
</tr>
<tr>
<td>Row Crop Production</td>
<td>5,500,000</td>
<td>414,950</td>
</tr>
<tr>
<td>Timber</td>
<td>77,000</td>
<td>30,000</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$26,308,780</strong></td>
<td><strong>$26,973,450</strong></td>
</tr>
<tr>
<td>Year</td>
<td>Mono Jail Totals</td>
<td>Mono County Totals</td>
</tr>
<tr>
<td>------</td>
<td>------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>2000</td>
<td>$26,928,785</td>
<td>$27,122,455</td>
</tr>
<tr>
<td>2001</td>
<td>$26,639,950</td>
<td>$27,170,895</td>
</tr>
<tr>
<td>2002</td>
<td>$14,314,188</td>
<td>$13,292,690</td>
</tr>
<tr>
<td>2003</td>
<td>$13,043,590</td>
<td>$14,394,880</td>
</tr>
<tr>
<td>2004</td>
<td>$8,614,320</td>
<td>$8,761,930</td>
</tr>
<tr>
<td>2005</td>
<td>$3,354,750</td>
<td>$3,694,820</td>
</tr>
</tbody>
</table>

**Comparison Summary**

2001 - 2005
Percent of Normal (Mono Basin & Owens Valley) Eastern Sierra Nevada Runoff
### PEST ERADICATION

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

### PEST EXCLUSION

**IMPORTED PLANT MATERIAL**

Exotic and/or target pests

Incoming plant material via UPS, air, truck, mail

3,268 shipments inspected

### 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
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  Tom Farnetti
Jim Biliueu  D. "Hap" Hazard
Susan Cash  Byng Hunt
Richard Cervantes  Vikki Magee-Bauer
Beverly Brown  Bill Reid

June 14, 2007

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 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

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

**TOTAL LIVESTOCK**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>$9,755,120</td>
</tr>
<tr>
<td>2005</td>
<td>$9,117,850</td>
</tr>
</tbody>
</table>
### FIELD CROPS

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

### MISCELLANEOUS CROP PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>ACREAGE</th>
<th>TOTAL YIELD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turf</td>
<td>2006</td>
<td>375</td>
<td>~</td>
<td>$3,000,000</td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td>375</td>
<td>~</td>
<td>$3,104,000</td>
</tr>
<tr>
<td>Miscellaneous Fruit</td>
<td>2006</td>
<td>30</td>
<td>25,000</td>
<td>$100,000</td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td>30</td>
<td>20,000</td>
<td>$75,000</td>
</tr>
<tr>
<td><strong>TOTAL MISCELLANEOUS CROP PRODUCTION</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$3,100,000</strong></td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td></td>
<td></td>
<td><strong>$3,179,000</strong></td>
</tr>
</tbody>
</table>

### APIARY

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>PRODUCTION</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honey</td>
<td>2006</td>
<td>650,000</td>
<td>Lbs.</td>
<td>$1.20</td>
<td>$780,000</td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td>500,000</td>
<td>Lbs.</td>
<td>$1.05</td>
<td>$525,000</td>
</tr>
<tr>
<td><strong>TOTAL APIARY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$780,000</strong></td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td></td>
<td></td>
<td></td>
<td><strong>$525,000</strong></td>
</tr>
</tbody>
</table>
### INYO COUNTY TOTALS

<table>
<thead>
<tr>
<th>Description</th>
<th>2005</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Livestock</td>
<td>$9,117,850</td>
<td>$9,755,120</td>
</tr>
<tr>
<td>Field Crops</td>
<td>$3,792,500</td>
<td>$4,390,800</td>
</tr>
<tr>
<td>Miscellaneous Crop Production</td>
<td>$3,179,000</td>
<td>$3,100,000</td>
</tr>
<tr>
<td>Apiary</td>
<td>$525,000</td>
<td>$780,000</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$16,614,350</strong></td>
<td><strong>$18,025,920</strong></td>
</tr>
</tbody>
</table>
## COUNTY OF MONO

### LIVESTOCK

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

**TOTAL LIVESTOCK**  
2006 $17,497,050  
2005 $17,115,500
## FIELD CROPS

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

## ROW CROP PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>ACREAGE</th>
<th>TOTAL YIELD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garlic</td>
<td>2006</td>
<td>150</td>
<td>~</td>
<td>$220,000</td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td>156</td>
<td>~</td>
<td>$414,950</td>
</tr>
<tr>
<td><strong>TOTAL ROW CROP PRODUCTION</strong></td>
<td>2006</td>
<td></td>
<td></td>
<td><strong>$220,000</strong></td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td></td>
<td></td>
<td><strong>$414,950</strong></td>
</tr>
</tbody>
</table>

## TIMBER

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber/Firewood</td>
<td>2006</td>
<td>$25,000</td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td>$30,000</td>
</tr>
<tr>
<td><strong>TOTAL TIMBER</strong></td>
<td>2006</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td></td>
</tr>
</tbody>
</table>
## Mono County Totals

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Livestock</td>
<td>$17,115,500</td>
<td>$17,497,050</td>
</tr>
<tr>
<td>Field Crops</td>
<td>$9,413,000</td>
<td>$11,594,000</td>
</tr>
<tr>
<td>Miscellaneous Crop Production</td>
<td>$414,950</td>
<td>$220,000</td>
</tr>
<tr>
<td>Apriary</td>
<td>$30,000</td>
<td>$25,000</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$26,973,450</strong></td>
<td><strong>$29,336,050</strong></td>
</tr>
<tr>
<td></td>
<td>2002</td>
<td>2003</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------</td>
<td>-----------</td>
</tr>
<tr>
<td>INYO COUNTY TOTALS</td>
<td>$14,239,480</td>
<td>$13,043,625</td>
</tr>
<tr>
<td>MONO COUNTY TOTALS</td>
<td>$21,893,495</td>
<td>$27,412,250</td>
</tr>
<tr>
<td>COMBINED TOTALS</td>
<td>$36,132,975</td>
<td>$40,455,875</td>
</tr>
</tbody>
</table>
ANNUAL SUSTAINABLE AGRICULTURE REPORTING

PEST ERADICATION

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

PEST EXCLUSION

IMPORTED PLANT MATERIAL

Exotic and/or target pests  | Incoming plant material via UPS, air, truck, mail | 1,005 shipments inspected

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.
2007 Annual Crop and Livestock Report
TO: A.G. Kawamura, Secretary  
California Department of Food and Agriculture  
and the Honorable  
Inyo County Board of Supervisors  
Linda Arcularius  
Jim Bilyeu  
Beverly Brown  
Susan Cash  
Richard Cervantes  
Mono County Board of Supervisors  
Tom Farnetti  
D. "Hap" Hazard  
Byng Hunt  
Vikki Magee-Bauer  
Bill Reid

July 9, 2008

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

/sfs
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

Jerroid 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.
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

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>County Seat</td>
<td>Independence</td>
</tr>
<tr>
<td>County Population (2000 census)</td>
<td>17,946</td>
</tr>
<tr>
<td>Land Area (square miles)</td>
<td>10,142</td>
</tr>
<tr>
<td>Persons per Square Mile</td>
<td>1.77</td>
</tr>
<tr>
<td>Highest Elevation (Mount Whitney)</td>
<td>14,492 Feet</td>
</tr>
<tr>
<td>Lowest Elevation (Bad Water, Death Valley National Park)</td>
<td>282 feet below sea level</td>
</tr>
<tr>
<td>Land in Federal Ownership</td>
<td>92.0%</td>
</tr>
<tr>
<td>Land in State Ownership</td>
<td>2.4%</td>
</tr>
<tr>
<td>Land in City of Los Angeles Ownership</td>
<td>3.9%</td>
</tr>
<tr>
<td>Land in Private Ownership</td>
<td>1.7%</td>
</tr>
</tbody>
</table>

Incorporated Cities/Towns:  
Bishop

Unincorporated Areas:  
Big Pine  
Cartago  
Independence  
Lone Pine  
Olancha  
Pearsonville  
Shoshone  
Tecopa

Average Climate:
Bishop  
Summer High -- 98°  
Winter Low -- 22°
Death Valley  
Summer High -- 115°  
Winter Low -- 37°

MONO COUNTY – GENERAL INFORMATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>County Seat</td>
<td>Bridgeport</td>
</tr>
<tr>
<td>County Population (2000 census)</td>
<td>12,853</td>
</tr>
<tr>
<td>Land Area (square miles)</td>
<td>3,044</td>
</tr>
<tr>
<td>Persons per Square Mile</td>
<td>4.22</td>
</tr>
<tr>
<td>Highest Elevation (White Mountain)</td>
<td>14,242 Feet</td>
</tr>
<tr>
<td>Land in Federal Ownership</td>
<td>84.73%</td>
</tr>
<tr>
<td>Land in State Ownership</td>
<td>3.57%</td>
</tr>
<tr>
<td>Land in City of Los Angeles Ownership</td>
<td>3.24%</td>
</tr>
<tr>
<td>Land in Private Ownership</td>
<td>7.83%</td>
</tr>
</tbody>
</table>

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 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

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

TOTAL LIVESTOCK

<table>
<thead>
<tr>
<th>YEAR</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>$10,261,250</td>
</tr>
<tr>
<td>2006</td>
<td>$9,755,120</td>
</tr>
</tbody>
</table>
### FIELD CROPS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>HARVESTED ACREAGE</th>
<th>YIELD PER ACRE</th>
<th>TOTAL YIELD</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa Hay</td>
<td>2007</td>
<td>3,100</td>
<td>6.00</td>
<td>18,600</td>
<td>Ton</td>
<td>$165.00</td>
<td>$3,069,000</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>3,000</td>
<td>6.00</td>
<td>18,000</td>
<td>Ton</td>
<td>$132.00</td>
<td>$2,376,000</td>
</tr>
<tr>
<td>Miscellaneous Hay</td>
<td>2007</td>
<td>2,000</td>
<td>4.00</td>
<td>8,000</td>
<td>Ton</td>
<td>$165.00</td>
<td>$1,320,000</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>1,650</td>
<td>4.00</td>
<td>6,600</td>
<td>Ton</td>
<td>$128.00</td>
<td>$844,800</td>
</tr>
<tr>
<td>Irrigated Pasture</td>
<td>2007</td>
<td>17,000</td>
<td>~</td>
<td>~</td>
<td>Acre</td>
<td>$27.00</td>
<td>$459,000</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>17,000</td>
<td>~</td>
<td>~</td>
<td>Acre</td>
<td>$26.00</td>
<td>$442,000</td>
</tr>
<tr>
<td>Dry Grazing</td>
<td>2007</td>
<td>208,000</td>
<td>~</td>
<td>~</td>
<td>Acre</td>
<td>$3.85</td>
<td>$804,800</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>208,000</td>
<td>~</td>
<td>~</td>
<td>Acre</td>
<td>$3.50</td>
<td>$728,000</td>
</tr>
<tr>
<td><strong>TOTAL FIELD CROPS</strong></td>
<td>2007</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$5,648,800</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$4,390,800</td>
</tr>
</tbody>
</table>

### MISCELLANEOUS CROP PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>ACREAGE</th>
<th>TOTAL YIELD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turf</td>
<td>2007</td>
<td>375</td>
<td>~</td>
<td>$3,200,000</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>375</td>
<td>~</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>Dates (Misc. Fruits)</td>
<td>2007</td>
<td>30</td>
<td>30,000</td>
<td>$127,000</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>30</td>
<td>25,000</td>
<td>$100,000</td>
</tr>
<tr>
<td><strong>TOTAL MISCELLANEOUS CROP PRODUCTION</strong></td>
<td>2007</td>
<td></td>
<td></td>
<td>$3,327,000</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td></td>
<td></td>
<td>$3,100,000</td>
</tr>
</tbody>
</table>

### APIARY

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>PRODUCTION</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honey</td>
<td>2007</td>
<td>550,000</td>
<td>Lbs.</td>
<td>$1.35</td>
<td>$742,500</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>650,000</td>
<td>Lbs.</td>
<td>$1.20</td>
<td>$780,000</td>
</tr>
<tr>
<td><strong>TOTAL APIARY</strong></td>
<td>2006</td>
<td></td>
<td></td>
<td></td>
<td>$742,500</td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td></td>
<td></td>
<td></td>
<td>$780,000</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>2007</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------</td>
<td>----------</td>
<td>----------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Livestock</td>
<td>$9,755,120</td>
<td>$10,261,250</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Crops</td>
<td>$4,390,800</td>
<td>$5,648,800</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Miscellaneous Crop Production</td>
<td>$3,100,000</td>
<td>$3,327,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Apriary</td>
<td>$780,000</td>
<td>$742,500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$18,025,920</strong></td>
<td><strong>$19,979,550</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# County of Mono (Continued)

## FIELD CROPS

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

## ROW CROP PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>ACREAGE</th>
<th>TOTAL YIELD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garlic</td>
<td>2007</td>
<td>63</td>
<td>~</td>
<td>$90,000</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>150</td>
<td>~</td>
<td>$220,000</td>
</tr>
<tr>
<td><strong>TOTAL ROW CROP PRODUCTION</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$90,000</strong></td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td></td>
<td></td>
<td><strong>$220,000</strong></td>
</tr>
</tbody>
</table>

## TIMBER

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber/Firewood</td>
<td>2007</td>
<td>$38,000</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>$25,000</td>
</tr>
<tr>
<td><strong>TOTAL TIMBER</strong></td>
<td>2007</td>
<td><strong>$38,000</strong></td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td><strong>$25,000</strong></td>
</tr>
</tbody>
</table>
COUNTY OF MONO
2007 AGRICULTURAL VALUES

- Field Crops: 38%
- Row Crops: 1%
- Timber: 1%
- Livestock: 60%
## MONO COUNTY TOTALS

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Livestock</td>
<td>$17,497,050</td>
<td>$20,227,600</td>
</tr>
<tr>
<td>Field Crops</td>
<td>$11,594,000</td>
<td>$16,568,750</td>
</tr>
<tr>
<td>Miscellaneous Crop Production</td>
<td>$220,000</td>
<td>$90,000</td>
</tr>
<tr>
<td>Apriary</td>
<td>$25,000</td>
<td>$38,000</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$29,336,050</strong></td>
<td><strong>$36,924,350</strong></td>
</tr>
</tbody>
</table>
## COMPARISON SUMMARY

### 2003 --- 2007

<table>
<thead>
<tr>
<th></th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INYO COUNTY TOTALS</strong></td>
<td>$13,043,625</td>
<td>$14,341,188</td>
<td>$16,614,350</td>
<td>$18,025,920</td>
<td>$19,979,550</td>
</tr>
<tr>
<td><strong>MONO COUNTY TOTALS</strong></td>
<td>$27,412,250</td>
<td>$26,308,780</td>
<td>$26,973,450</td>
<td>$29,336,050</td>
<td>$36,924,350</td>
</tr>
<tr>
<td><strong>COMBINED TOTALS</strong></td>
<td>$40,455,875</td>
<td>$40,649,968</td>
<td>$43,587,800</td>
<td>$47,361,970</td>
<td>$56,903,900</td>
</tr>
</tbody>
</table>
ANNUAL SUSTAINABLE AGRICULTURE REPORTING

PEST ERADICATION

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

PEST EXCLUSION

IMPORTED PLANT MATERIAL

Exotic and/or target pests | Incoming plant material via UPS, air, truck, mail | 1,256 shipments inspected

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:

  o Understanding the Dangers of Agroterrorism; and,

  o 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.
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.
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

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
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
Walter Davison – Mosquito Helper
Scott Gadea – Field Assistant
Joshua Tyerman – Field Assistant

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 Pond”, near Bishop, Inyo County
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-Eauer
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

/JLS
The Evolution of Agriculture and Weights and Measures

The California Agricultural Commissioners trace their origins back 125 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.

2005 was the 125th anniversary of the California Agricultural Commissioner and Sealer Association.

Photo: Rangeland surrounding Crowley Lake, Mono County
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

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

**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

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

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

**TOTAL LIVESTOCK**

<table>
<thead>
<tr>
<th></th>
<th>2008</th>
<th>2007</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$10,508,480</td>
<td>$10,261,250</td>
</tr>
</tbody>
</table>

Photo: Livestock near Big Pine, Inyo County
<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>HARVESTED ACREAGE</th>
<th>YIELD PER ACRE</th>
<th>TOTAL YIELD</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa Hay</td>
<td>2008</td>
<td>3,000</td>
<td>6.00</td>
<td>18,000</td>
<td>Ton</td>
<td>$215.00</td>
<td>$3,870,000</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>3,100</td>
<td>6.00</td>
<td>18,600</td>
<td>Ton</td>
<td>$165.00</td>
<td>$3,069,000</td>
</tr>
<tr>
<td>Miscellaneous Hay</td>
<td>2008</td>
<td>1,800</td>
<td>3.75</td>
<td>6,750</td>
<td>Ton</td>
<td>$210.00</td>
<td>$1,417,500</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>2,000</td>
<td>4.00</td>
<td>8,000</td>
<td>Ton</td>
<td>$165.00</td>
<td>$1,320,000</td>
</tr>
<tr>
<td>Irrigated Pasture</td>
<td>2008</td>
<td>17,000</td>
<td>~</td>
<td>~</td>
<td>Acre</td>
<td>$26.00</td>
<td>$442,000</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>17,000</td>
<td>~</td>
<td>~</td>
<td>Acre</td>
<td>$27.00</td>
<td>$459,000</td>
</tr>
<tr>
<td>Dry Grazing</td>
<td>2008</td>
<td>208,000</td>
<td>~</td>
<td>~</td>
<td>Acre</td>
<td>$4.00</td>
<td>$832,000</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>208,000</td>
<td>~</td>
<td>~</td>
<td>Acre</td>
<td>$3.85</td>
<td>$800,800</td>
</tr>
</tbody>
</table>

**TOTAL FIELD CROPS**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>$6,561,500</td>
</tr>
<tr>
<td>2007</td>
<td>$5,648,800</td>
</tr>
</tbody>
</table>
### MISCELLANEOUS CROP PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>ACREAGE</th>
<th>TOTAL YIELD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turf</td>
<td>2008</td>
<td>375</td>
<td>~</td>
<td>$3,200,000</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>375</td>
<td>~</td>
<td>$3,200,000</td>
</tr>
<tr>
<td>Dates (Misc. Fruits)</td>
<td>2008</td>
<td>30</td>
<td>35,000</td>
<td>$140,000</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>30</td>
<td>30,000</td>
<td>$127,000</td>
</tr>
</tbody>
</table>

**TOTAL MISCELLANEOUS CROP PRODUCTION**

- **2008**: $3,340,000
- **2007**: $3,327,000

### APIARY

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>PRODUCTION</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honey</td>
<td>2008</td>
<td>700,000</td>
<td>Lbs.</td>
<td>$1.50</td>
<td>$1,050,000</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>550,000</td>
<td>Lbs.</td>
<td>$1.35</td>
<td>$742,500</td>
</tr>
</tbody>
</table>

**TOTAL APIARY**

- **2008**: $1,050,000
- **2007**: $742,500
<table>
<thead>
<tr>
<th></th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LIVESTOCK</strong></td>
<td>$10,261,250</td>
<td>$10,508,480</td>
</tr>
<tr>
<td><strong>FIELD CROPS</strong></td>
<td>$5,648,800</td>
<td>$6,561,500</td>
</tr>
<tr>
<td><strong>MISCELLANEOUS CROP PRODUCTION</strong></td>
<td>$3,327,000</td>
<td>$3,340,000</td>
</tr>
<tr>
<td><strong>APIARY</strong></td>
<td>$742,500</td>
<td>$1,050,000</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2007</strong></td>
<td>$19,979,550</td>
<td></td>
</tr>
<tr>
<td><strong>2008</strong></td>
<td></td>
<td>$21,459,980</td>
</tr>
</tbody>
</table>

Photo: Alfalfa planting near Independence, Inyo County
<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>HEAD</th>
<th>LIVEWEIGHT</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Calves/Steers</strong></td>
<td>2008</td>
<td>7,300</td>
<td>43,800</td>
<td>Cwt.</td>
<td>$108.00</td>
<td>$4,730,400</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>7,200</td>
<td>41,400</td>
<td>Cwt.</td>
<td>$114.00</td>
<td>$4,719,600</td>
</tr>
<tr>
<td><strong>Heifers</strong></td>
<td>2008</td>
<td>6,350</td>
<td>37,548</td>
<td>Cwt.</td>
<td>$104.00</td>
<td>$3,904,992</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>6,300</td>
<td>33,075</td>
<td>Cwt.</td>
<td>$110.00</td>
<td>$3,638,250</td>
</tr>
<tr>
<td><strong>Cows</strong></td>
<td>2008</td>
<td>2,800</td>
<td>30,800</td>
<td>Cwt.</td>
<td>$78.00</td>
<td>$2,402,400</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>2,800</td>
<td>28,000</td>
<td>Cwt.</td>
<td>$74.00</td>
<td>$2,072,000</td>
</tr>
<tr>
<td><strong>Bulls</strong></td>
<td>2008</td>
<td>200</td>
<td>2,700</td>
<td>Cwt.</td>
<td>$68.00</td>
<td>$183,600</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>200</td>
<td>2,700</td>
<td>Cwt.</td>
<td>$70.00</td>
<td>$189,000</td>
</tr>
<tr>
<td><strong>Stockers (gain)</strong></td>
<td>2008</td>
<td>20,000</td>
<td>~</td>
<td>~</td>
<td>~</td>
<td>$8,000,000</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>20,000</td>
<td>~</td>
<td>~</td>
<td>~</td>
<td>$8,000,000</td>
</tr>
<tr>
<td><strong>Sheep and Lambs</strong></td>
<td>2008</td>
<td>16,500</td>
<td>20,625</td>
<td>Cwt.</td>
<td>$91.00</td>
<td>$1,876,875</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>16,500</td>
<td>20,625</td>
<td>Cwt.</td>
<td>$78.00</td>
<td>$1,608,750</td>
</tr>
</tbody>
</table>

**TOTAL LIVESTOCK**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>$21,098,267</td>
</tr>
<tr>
<td>2007</td>
<td>$20,227,600</td>
</tr>
</tbody>
</table>
# FIELD CROPS

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

**TOTAL FIELD CROPS**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>$19,746,250</td>
</tr>
<tr>
<td>2007</td>
<td>$16,568,750</td>
</tr>
</tbody>
</table>

New garlic in tents, Hammil Valley, Mono County
### ROW CROP PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>ACREAGE</th>
<th>TOTAL YIELD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garlic</td>
<td>2008</td>
<td>65</td>
<td>~</td>
<td>$280,000</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>63</td>
<td>~</td>
<td>$90,000</td>
</tr>
</tbody>
</table>

**TOTAL MISCELLANEOUS CROP PRODUCTION**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>$280,000</td>
</tr>
<tr>
<td>2007</td>
<td>$90,000</td>
</tr>
</tbody>
</table>

### TIMBER

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber/Firewood</td>
<td>2008</td>
<td>$24,000</td>
</tr>
<tr>
<td></td>
<td>2007</td>
<td>$38,000</td>
</tr>
</tbody>
</table>

**TOTAL TIMBER**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>$24,000</td>
</tr>
<tr>
<td>2007</td>
<td>$38,000</td>
</tr>
<tr>
<td></td>
<td>2007</td>
</tr>
<tr>
<td>----------------------</td>
<td>------------</td>
</tr>
<tr>
<td>LIVESTOCK</td>
<td>$20,227,600</td>
</tr>
<tr>
<td>FIELD CROPS</td>
<td>$16,568,750</td>
</tr>
<tr>
<td>MISCELLANEOUS CROP PRODUCTION</td>
<td>$90,000</td>
</tr>
<tr>
<td>TIMBER</td>
<td>$38,000</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>2007</strong></td>
</tr>
<tr>
<td></td>
<td>$36,924,350</td>
</tr>
</tbody>
</table>
Agricultural Values

- Field Crops: 48%
- Livestock: 50%
- Misc. Crops: 1%
- Timber: 1%
## COMPARISON SUMMARY

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

Photo: Organic alfalfa in early spring, Benton, Mono County
### PEST ERADICATION

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

### 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.
Counts of Inyo and Mono Agricultural Commissioner’s Office

2009 Crop and Livestock Report
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 Sartain

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
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.
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

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

### Incorporated Cities/Towns:
- Bishop

### Unincorporated Areas:
- Big Pine
- Cartago
- Independence
- Lone Pine
- Oehler
- 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

<table>
<thead>
<tr>
<th>County Population (2000 census)</th>
<th>12,853</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Area (square miles)</td>
<td>3,044</td>
</tr>
<tr>
<td>Persons per Square Mile</td>
<td>4.22</td>
</tr>
<tr>
<td>Highest Elevation (White Mountain)</td>
<td>14,242 feet</td>
</tr>
<tr>
<td>Land in Federal Ownership</td>
<td>84.7%</td>
</tr>
<tr>
<td>Land in State Ownership</td>
<td>3.6%</td>
</tr>
<tr>
<td>Land in City of Los Angeles Ownership</td>
<td>3.2%</td>
</tr>
<tr>
<td>Land in Private Ownership</td>
<td>7.8%</td>
</tr>
</tbody>
</table>

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°F
- Winter Low—8°F

Chalfant Valley:
- Summer High—98°F
- Winter Low—22°F

"Weights and measures may be ranked among the necessary 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
<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>HEAD</th>
<th>LIVESTOCK</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calves/Steers</td>
<td>2009</td>
<td>5,650</td>
<td>33,960</td>
<td>Cwt.</td>
<td>$100.00</td>
<td>$3,396,000</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>5,500</td>
<td>33,000</td>
<td>Cwt.</td>
<td>$108.00</td>
<td>$3,564,000</td>
</tr>
<tr>
<td>Heflers</td>
<td>2009</td>
<td>5,050</td>
<td>29,040</td>
<td>Cwt.</td>
<td>$98.00</td>
<td>$2,845,920</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>4,900</td>
<td>28,175</td>
<td>Cwt.</td>
<td>$104.00</td>
<td>$2,930,200</td>
</tr>
<tr>
<td>Cows</td>
<td>2009</td>
<td>2,470</td>
<td>27,170</td>
<td>Cwt.</td>
<td>$60.00</td>
<td>$1,630,200</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>2,400</td>
<td>26,400</td>
<td>Cwt.</td>
<td>$78.00</td>
<td>$2,059,200</td>
</tr>
<tr>
<td>Bulls</td>
<td>2009</td>
<td>220</td>
<td>2,970</td>
<td>Cwt.</td>
<td>$55.00</td>
<td>$163,350</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>210</td>
<td>2,835</td>
<td>Cwt.</td>
<td>$68.00</td>
<td>$192,780</td>
</tr>
<tr>
<td>Stockers (gain)</td>
<td>2009</td>
<td>4,540</td>
<td>~</td>
<td>~</td>
<td>~</td>
<td>$1,461,880</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>4,400</td>
<td>~</td>
<td>~</td>
<td>~</td>
<td>$1,540,000</td>
</tr>
<tr>
<td>Sheep and Lambs</td>
<td>2009</td>
<td>5,000</td>
<td>5,000</td>
<td>Cwt.</td>
<td>$100.00</td>
<td>$500,000</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>5,000</td>
<td>4,500</td>
<td>Cwt.</td>
<td>$91.00</td>
<td>$409,500</td>
</tr>
</tbody>
</table>

TOTAL LIVESTOCK

<table>
<thead>
<tr>
<th>YEAR</th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$9,997,350</td>
<td>$10,508,480</td>
</tr>
</tbody>
</table>
## FIELD CROPS

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

**TOTAL FIELD CROP PRODUCTION**

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>$4,767,500</td>
<td>$6,561,500</td>
</tr>
</tbody>
</table>
## MISCELLANEOUS CROP PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>HARVESTED ACREAGE</th>
<th>TOTAL YIELD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turf</td>
<td>2009</td>
<td>250</td>
<td>~</td>
<td>$2,285,000</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>375</td>
<td>~</td>
<td>$3,200,000</td>
</tr>
<tr>
<td>Dates (Misc. Fruits)</td>
<td>2009</td>
<td>30</td>
<td>35,000</td>
<td>$140,000</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>30</td>
<td>35,000</td>
<td>$140,000</td>
</tr>
</tbody>
</table>

**TOTAL MISCELLANEOUS CROP PRODUCTION**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>$2,425,000</td>
</tr>
<tr>
<td>2008</td>
<td>$3,340,000</td>
</tr>
</tbody>
</table>

## APIARY PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>PRODUCTION</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honey</td>
<td>2009</td>
<td>775,000</td>
<td>Lbs.</td>
<td>$2.50</td>
<td>$1,937,500</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>700,000</td>
<td>Lbs.</td>
<td>$1.50</td>
<td>$1,050,000</td>
</tr>
</tbody>
</table>

**TOTAL APIARY PRODUCTION**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>$1,937,500</td>
</tr>
<tr>
<td>2008</td>
<td>$1,050,000</td>
</tr>
</tbody>
</table>
## INYO COUNTY TOTALS

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

## INYO COUNTY AGRICULTURAL VALUES - 2009

- **Field Crops**: 25%
- **Miscellaneous Crop Production**: 13%
- **Apiary**: 10%
- **Livestock**: 52%
<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>HEAD</th>
<th>LIVEWEIGHT</th>
<th>UNIT</th>
<th>PRICE PER UNIT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calves/Steers</td>
<td>2009</td>
<td>7,520</td>
<td>45,120</td>
<td>Cwt.</td>
<td>$100.00</td>
<td>$4,512,000</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>7,300</td>
<td>43,800</td>
<td>Cwt.</td>
<td>$108.00</td>
<td>$4,730,400</td>
</tr>
<tr>
<td>Heifers</td>
<td>2009</td>
<td>6,540</td>
<td>34,335</td>
<td>Cwt.</td>
<td>$98.00</td>
<td>$3,364,830</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>6,350</td>
<td>33,338</td>
<td>Cwt.</td>
<td>$104.00</td>
<td>$3,467,152</td>
</tr>
<tr>
<td>Cows</td>
<td>2009</td>
<td>2,880</td>
<td>31,680</td>
<td>Cwt.</td>
<td>$60.00</td>
<td>$1,900,800</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>2,800</td>
<td>30,800</td>
<td>Cwt.</td>
<td>$78.00</td>
<td>$2,059,200</td>
</tr>
<tr>
<td>Bulls</td>
<td>2009</td>
<td>210</td>
<td>2,835</td>
<td>Cwt.</td>
<td>$55.00</td>
<td>$155,925</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>200</td>
<td>2,700</td>
<td>Cwt.</td>
<td>$68.00</td>
<td>$183,600</td>
</tr>
<tr>
<td>Stockers (gain)</td>
<td>2009</td>
<td>20,600</td>
<td>~</td>
<td>~</td>
<td>~</td>
<td>$7,600,000</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>20,000</td>
<td>~</td>
<td>~</td>
<td>~</td>
<td>$8,000,000</td>
</tr>
<tr>
<td>Sheep and Lambs</td>
<td>2009</td>
<td>16,500</td>
<td>20,625</td>
<td>Cwt.</td>
<td>$100.00</td>
<td>$2,062,500</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>16,500</td>
<td>20,625</td>
<td>Cwt.</td>
<td>$91.00</td>
<td>$1,867,875</td>
</tr>
</tbody>
</table>

**TOTAL LIVESTOCK**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>2009</th>
<th>$19,596,055</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2008</td>
<td>$21,098,267</td>
</tr>
</tbody>
</table>

2009 Annual Crop and Livestock Report
Page 10
### FIELD CROPS

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

**TOTAL FIELD CROP PRODUCTION**

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$13,053,750</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td></td>
</tr>
<tr>
<td></td>
<td>$19,746,250</td>
<td></td>
</tr>
</tbody>
</table>

2009 Annual Crop and Livestock Report
Page 11
### ROW CROP PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>ACREAGE</th>
<th>TOTAL YIELD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garlic</td>
<td>2009</td>
<td>8</td>
<td>~</td>
<td>$32,000</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>65</td>
<td>~</td>
<td>$280,000</td>
</tr>
</tbody>
</table>

**TOTAL ROW CROP PRODUCTION**

- **2009**: $32,000
- **2008**: $280,000

### TIMBER PRODUCTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber/Firewood</td>
<td>2009</td>
<td>$15,500</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>$24,000</td>
</tr>
</tbody>
</table>

**TOTAL TIMBER PRODUCTION**

- **2009**: $15,500
- **2008**: $24,000
### MONO COUNTY TOTALS

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

### Mono County Agricultural Values - 2009

- **Field Crops**: 40%
- **Livestock**: 60%
- **Timber**: <1%

**Row Crop Production**: >1%
## Comparison Summary

### INYO AND MONO COUNTIES

#### COMPARISON SUMMARY

**2005-2009**

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

![Bar chart](chart.png)

2009 Annual Crop and Livestock Report
Page 14
## INVASIVE PLANT TARGETS

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

## PEST EXCLUSION

Exotic and/or target pests in incoming plant material via UPS, FedEx, and US Mail: 13,652 Shipments Inspected
I NY O AND M O N O C O U N T I E S

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

2009 Annual Crop and Livestock Report
Page 16
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.