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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# El Dorado/Alpine Counties 2004-2009

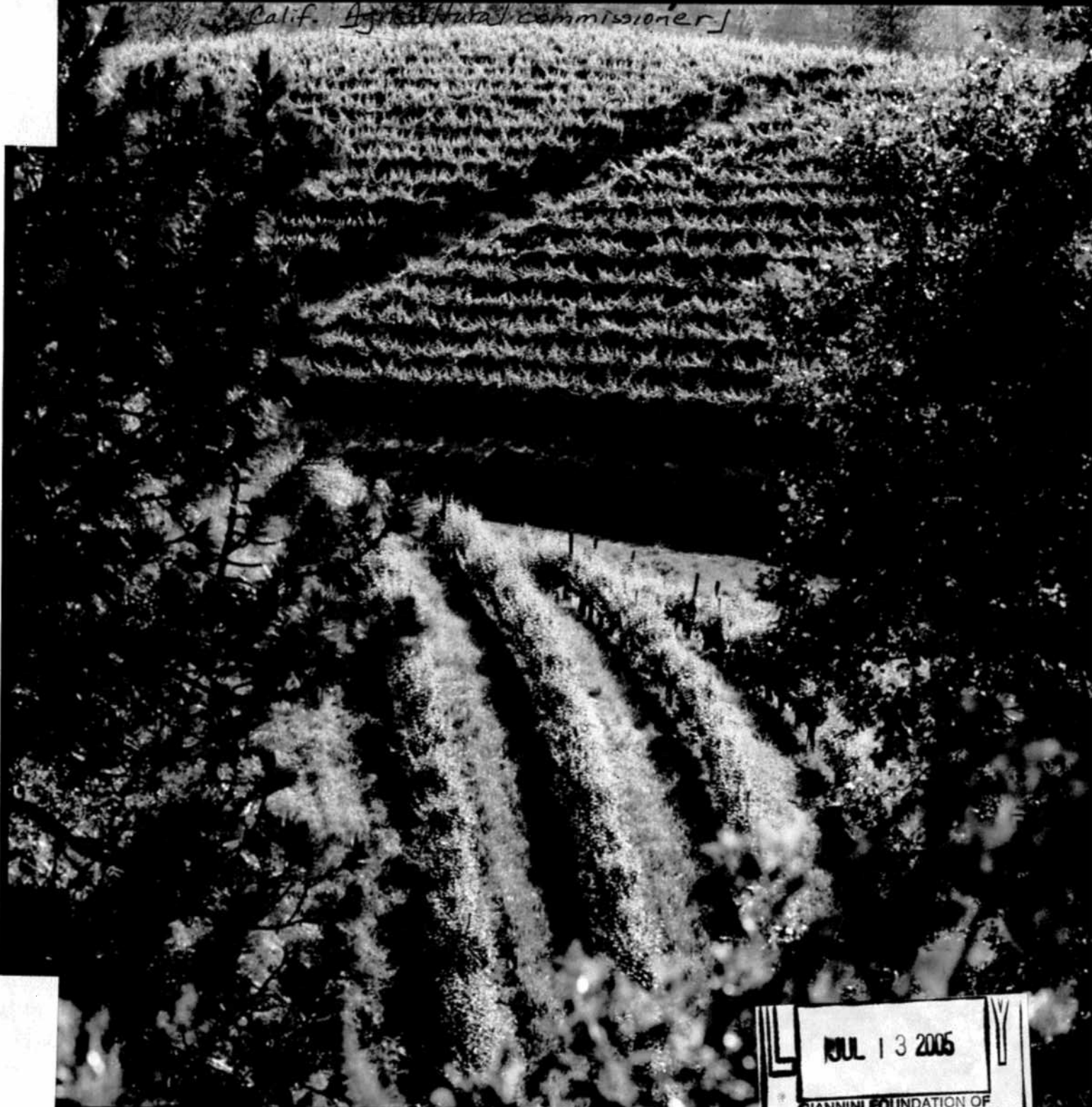
California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics,  
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# El Dorado~Alpine Counties

*Calif. Agricultural Commissioner*



JUL 13 2005  
GIANNINI FOUNDATION OF  
AGRICULTURAL ECONOMICS

2004

Agricultural Crop & Livestock Report



## DEPARTMENT OF AGRICULTURE WEIGHTS AND MEASURES

**WILLIAM J. STEPHANS**  
*Agricultural Commissioner*  
*Sealer of Weights and Measures*

311 Fair Lane  
Placerville, CA 95667  
(530) 621-5520  
(530) 626-4756 FAX  
eldcag@co.el-dorado.ca.us

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

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In accordance with Section 2279 of the California Food and Agricultural Code, I hereby submit the 2004 El Dorado & Alpine Counties Crop Report.

The El Dorado County gross crop value for 2004 is \$49.2 million, a 15.5% increase from the 2003 values. The rise in value is caused by many factors including a 17% increase in timber value and a 64% increase in livestock value which was attributed to better statistical reporting and higher unit prices.

The extremely hot/dry weather prior to wine grape harvest somewhat negatively affected the anticipated wine grape crop, which was projected to have a much higher yield. The adverse weather resulted in only a 4.2% increase in production with a corresponding increase of 4.5% in value from the previous year. El Dorado County wine grapes still received almost twice the State average price for all wine grape varieties.

The Alpine County gross agricultural value for 2004 was \$4.2 million which reflects the value of livestock, rangeland and pasture.

The monetary values in this report are F.O.B. (Freight On Board) and do not indicate net returns to the growers. The total economic impact of agriculture to El Dorado County is conservatively estimated at approximately \$444 million in 2004. This is an increase of over 12% when compared to the 2003 value. The wine industry alone had an estimated economic impact of \$201 million. Even with adverse conditions such as catastrophic wildfires and unseasonably cool, wet weather during the fall, Apple Hill's economic impact to the county was estimated at \$87 million.

I wish to express my appreciation to all of the individuals and organizations that contributed information to make this report possible. I would especially like to thank LeeAnne Mila, Agricultural Biologist/Standards Inspector, and Jana Rappetti, Ag Biology Tech, for compiling this report.

Respectfully Submitted,

  
WILLIAM J. STEPHANS  
Agricultural Commissioner/Sealer

# 2004 Crop Report

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### DEPARTMENTAL STAFF

**WILLIAM J. STEPHANS**  
*Agricultural Commissioner/  
Sealer of Weights and Measures*

**STEVEN G. BURTON**  
*Assistant Agricultural Commissioner  
Sealer of Weights and Measures*

### Agricultural Biologist/Standards Inspectors

CHARLENE CARVETH  
MARK COPPLE  
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GRETA SHUTLER  
KIRK T. TAYLOR  
WENDY WEST

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CHAR TIM, Executive Secretary  
DEANNA TOMPKINS, Secretary  
MYRNA TOW, Administrative Technician  
KIM WILSON, GIS Specialist

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*El Dorado County*

*Fruit and Nut Crops*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>PEARS</b>							
Bartlet - Fresh	2004			143	Tons	\$ 1,108	\$ 158,434
	2003			244	Tons	\$ 510	\$ 124,440
Cannery	2004			50	Tons	\$ 225	\$ 11,250
	2003			501	Tons	\$ 225	\$ 112,700
Juice	2004			65	Tons	\$ 10	\$ 6,500
	2003			609	Tons	\$ 20	\$ 12,180
<b>Total Bartlet</b>	2004	210	4.62	258	Tons	\$ 683	\$ 176,183
	2003	285	4.75	1,354	Tons	\$ 184	\$ 249,320
Bosc/Asian	2004	60	5.86	352	Tons	\$ 922	\$ 324,544
	2003	63	8.00	504	Tons	\$ 573	\$ 288,800
<b>TOTAL PEARS</b>	2004	270	5.61	434	Tons	\$ 767	\$ 500,727
	2003	348	5.37	1,858	Tons	\$ 290	\$ 538,120

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>APPLES</b>							
Fresh	2004			5,298	Tons	\$ 691	\$ 3,661,766
	2003			4,173	Tons	\$ 842	\$ 3,513,670
Cannery/Apple Hill Products	2004			1,589	Tons	\$ 190	\$ 302,190
	2003			2,084	Tons	\$ 235	\$ 489,740
Cider	2004			1,227	Tons	\$ 780	\$ 125,100
	2003			1,230	Tons	\$ 100	\$ 123,000
<b>TOTAL APPLES</b>	2004	837	8.22	8,114	Tons	\$ 470	\$ 4,089,056
	2003	835	8.97	7,487	Tons	\$ 551	\$ 4,126,410

*El Dorado County*

*Fruit and Nut Crops (continued)*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>WINE GRAPES</b>							
Bearing	2004	1710	2.46	4,209	Tons	\$ 1,095	\$ 4,608,23
	2003	1676	2.36	3,953	Tons	\$ 1,147	\$ 4,430,00
Non-Bearing	2004	446	Total Acreage = 2156				
	2003	639					

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
Cherries	2004	100	0.22	22	Tons	\$ 5,500	\$ 121,00
	2003	104	0.31	32	Tons	\$ 3,200	\$ 102,40
Peaches	2004	102	4.50	459	Tons	\$ 2,200	\$ 1,009,80
	2003	102	1.60	163	Tons	\$ 2,300	\$ 374,90
Plums	2004	57	4.14	236	Tons	\$ 1,378	\$ 325,20
	2003	57	1.54	88	Tons	\$ 1,235	\$ 108,68
Walnuts	2004	249	0.41	103	Tons	\$ 998	\$ 102,84
	2003	249	0.62	154	Tons	\$ 920	\$ 142,03

Totals	Year	Total Acreage	Production Per Acre	Total Production	Unit	Total Vlaue Per Unit	Total Value
<b>FRUIT &amp; NUT CROPS</b>	2004	3771	2.62	13,577	Tons	\$ 994	\$ 10,756,86
	2003	3371	4.07	13,735	Tons	\$ 715	\$ 9,822,54
<b>MINOR &amp; MISC. CROPS*</b>	2004						\$ 341,20
	2003						\$ 339,50

\*Minor and Miscellaneous includes: Truck Gardens, Berries, Nectarines, Citrus, Chestnuts, Avocados, Pumpkins, Tomatoes and Persimmons



# El Dorado County

## Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Value per Unit	Total Value
Cattle and Calves	2004	6189	66,232	cwt.**	\$ 81.20	\$ 5,378,055
	2003	4120	36,960	cwt.	\$ 77.05	\$ 2,847,800
Sheep and Lambs	2004	350	402	cwt.	\$ 78.20	\$ 31,436
	2003	505	498	cwt.	\$ 93.50	\$ 46,700
Hogs/Pigs	2004	501	900	cwt.	\$ 34.90	\$ 31,410
	2003	627	1,485	cwt.	\$ 34.90	\$ 51,800
Misc.*	2004					\$ 997,200
	2003					\$ 998,600
TOTAL LIVESTOCK	2004					\$ 6,438,101
	2003					\$ 3,944,900

\*Misc. Includes: Turkeys, Ducks, Geese, Chickens, Hatching Eggs, Llamas, Goats, Emu, Ostrich and Wool

\*\*cwt. = hundredweight = 100 pounds

## Apiary Products

	Year	Units	Total Value
Apiary Products	2004	614 Colonies	\$ 65,400
	2003	6,200 Colonies	\$ 418,000

Includes: Honey, Bees Wax, Pollen and Pollination

## Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value	
Hay, Tame	2004	354	652	Tons	\$ 115.00	\$ 74,980
	2003	348	644	Tons	\$ 91.00	\$ 58,600
Irrigated Pasture	2004	995		Acres	\$ 125.00	\$ 124,400
	2003	995		Acres	\$ 125.00	\$ 124,400
Rangeland (Dryland)	2004	245,000		Acres	\$ 12.00	\$ 2,940,000
	2003	245,000		Acres	\$ 12.00	\$ 2,940,000
TOTAL HAY AND PASTURE	2004					\$ 3,139,380
	2003					\$ 3,123,000



*El Dorado County*

*Nursery Products*

Crop	Year	Acreage	Value
TOTAL NURSERY	2004	27.9	\$ 2,064,8
	2003	45	\$ 2,054,8

*Christmas Trees*

	Year	Production	Unit	Unit	Value
Wholesale	2004	11,210	Each	\$ 20.25	\$ 227,0
	2003	10,750	Each	\$ 18.75	\$ 201,5
Choose and Cut	2004	67,800	Each	\$ 41.90	\$ 2,840,8
	2003	70,010	Each	\$ 39.90	\$ 2,793,4
TOTAL CHRISTMAS TREES	2004	79,010	Each	\$ 35.04	\$ 3,067,8
	2003	80,760	Each	\$ 37.08	\$ 2,994,9

*Timber Harvested and By-Products*

	Year	Production	Unit	Value
Private and Public Forest	2004	100,798	MBF	\$ 23,332,6
	2003	113,400	MBF	\$ 19,936,4
Wood Sales and Permits	2004	2,389	MBF	\$ 24,9
	2003	2,340	MBF	\$ 24,1
TOTAL TIMBER	2004	100,796		\$ 23,332,6
	2003			\$ 19,960,5

***Top Ten Wine Grape Varietals***

<b>Rank</b>	<b>Variety</b>	<b>2004 Value</b>	<b>2003 Ranking</b>
1	Cabernet Sauvignon	\$ 996,082	2
2	Zinfandel	\$ 814,718	1
3	Merlot	\$ 716,385	3
4	Syrah	\$ 608,222	4
5	Chardonnay	\$ 370,757	5
6	Cabernet Franc	\$ 168,126	8
7	Barbera	\$ 166,872	6
8	Petite Sirah	\$ 166,727	7
9	Sangiovese	\$ 93,825	10
10	Viognier	\$ 88,076	9

***Total Values For All Categories***

<b>Crop</b>	<b>Year</b>	<b>Value</b>
<b>Fruit and Nut</b>	2004	\$ 10,756,866
	2003	\$ 9,822,540
<b>Minor and Misc. Crops</b>	2004	\$ 341,200
	2003	\$ 339,500
<b>Apiary Products</b>	2004	\$ 65,400
	2003	\$ 418,000
<b>Livestock</b>	2004	\$ 6,438,101
	2003	\$ 3,944,900
<b>Hay and Pasture</b>	2004	\$ 3,139,380
	2003	\$ 3,123,000
<b>Nursery Products</b>	2004	\$ 2,064,895
	2003	\$ 2,054,800
<b>Christmas Trees</b>	2004	\$ 3,067,823
	2003	\$ 2,994,960
<b>Timber</b>	2004	\$ 23,332,623
	2003	\$ 19,960,550
<b>GRAND TOTAL</b>	2004	\$ 49,206,288
	2003	\$ 42,658,250

## Alpine County

### Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Value per Unit	Total Value
Cattle and Calves	2004	2000	31,500	cwt.**	\$ 81.20	\$ 2,557,80

\*\*cwt. = hundredweight = 100 pounds

### Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value
Hay, Tame	2004	7	14	Tons \$ 115.00	\$ 1,61
Irrigated Pasture	2004	940		Acres \$ 125.00	\$ 117,50
Rangeland (Dryland)	2004	130,000		Acres \$ 12.00	\$ 1,560,00
<b>TOTAL HAY AND PASTURE</b>	2004				\$ 1,679,11

## El Dorado & Alpine Counties

### Pest Management and Eradication

Pest	Agent/Mechanism	Scope of Program
Yellow Starthistle ( <i>Centaurea solstitialis</i> )	Mechanical/Chemical/Biocontrol	Management
Klamath Weed ( <i>Hypericum perforatum</i> )	Biocontrol	Management
Spotted Knapweed ( <i>Centaurea maculosa</i> )	Chemical/Mechanical	Eradication
Dalmation Toadflax ( <i>Linaria genistifolia</i> ssp. <i>dalmatica</i> )	Chemical	Eradication
Tall Whitetop ( <i>Lepidium latifolium</i> )	Chemical	Eradication
Oblong Spurge ( <i>Euphorbia oblongata</i> )	Chemical	Eradication
Canada Thistle ( <i>Cirsium arvense</i> )	Chemical	Eradication
Purple Loosestrife ( <i>Lythrum salicaria</i> )	Chemical	Eradication
Russian Knapweed ( <i>Acroptilon repens</i> )	Chemical	Eradication
Vine Mealybug ( <i>Planococcus ficus</i> )	Biocontrol/Chemical	Eradication
Striped Mealybug ( <i>Ferrisia gilli</i> )	Chemical	Eradication

# *Sustainable Agriculture Reporting for El Dorado and Alpine Counties*

## **Pest Exclusion**

*Prevents the introduction of detrimental pests that are not of common occurrence in California. Over **2,632 inspections at 639 locations** were made during 2004.*

## **Pest Detection**

*Monitoring program to detect pests that may have entered El Dorado County despite pest exclusion efforts. Over **800 traps** were placed in 2004 in both rural and urban areas to detect various pests.*

## **Pest Eradication**

*Includes chemical and mechanical treatments. **Vine Mealybug infected vineyards and a Striped Mealybug infestation were treated** by the growers in cooperation with this Department during the 2004 growing season.*

## **Pest Management**

*El Dorado County Noxious Weed Management Group: Coordinates invasive weed control, education and eradication among federal, state, county and private agencies within the Lake Tahoe Basin.*

*Glassy-winged Sharpshooter (GWSS) Pest Management Program: Includes inspections of all nursery stock shipped into the county from known GWSS infested areas. Over **400 insect traps** have been deployed and monitored throughout the county.*

*Biological Control Program: Releases insects and other organisms that act as natural enemies against noxious pests. Biocontrol projects include: Leaf beetle (*Chrysolina quadrigemina*) to **control Klamath Weed**. Seed weevil (*Eustenopus villosus*), the Peacock fly (*Chaetorellia australis*), the bud weevil (*Bangasternus orientalis*), the gall fly (*Urophora sirunaseva*), the flower weevil (*Larinus curtus*), the hairy weevil (*Eustenopus villosus*), and the rust fungus (*Puccinia jaceae* var. *solstitialis*) to **reduce the spread of Yellow Starthistle**. A parasitic wasp (*Encarsia partneopea*) is being utilized in the **control of Ash Whiteflies**. The El Dorado County Department of Agriculture monitors and relocates the organisms in cooperation with the California Department of Food and Agriculture.*

*Vertebrate Pest Management Program: Assists growers and homeowners in the control of deprecating vertebrate pests (i.e., mice, rats, etc.).*

*Wildlife Management Program: Provides management of wildlife that are deprecating livestock, property and/or presenting a hazard to public health and safety.*

## **Pesticide Monitoring**

*Monitoring program to protect public health, the environment and agricultural workers. This program is conducted in cooperation with the California Department of Pesticide Regulation.*

## **Commodity Evaluation and Marketing Programs**

Certified Farmer's Market Program: *Allows farmers to market directly to consumers at area Certified Farmer's Markets. Grower inspections are conducted by the Department to validate the registration. There were **51 growers** registered as certified growers with production areas within the county.*

Organic Program: *Includes registration by growers in order to market farm products as organically grown. Grower inspections are conducted by the Department to validate the registration. In 2004, **16 growers** were registered as organic, **representing 137 acres** under production.*

Standardization Program: *Protects consumers and the fresh fruit, nut and vegetable industry from distribution of substandard products. Standardization laws establish minimum specifications for maturity, quality and size of commodities (i.e., apples, pears) plus standard container pack and labeling. Quality Control inspections are also conducted on nursery stock, eggs and seeds.*

# El Dorado~Alpine Counties,

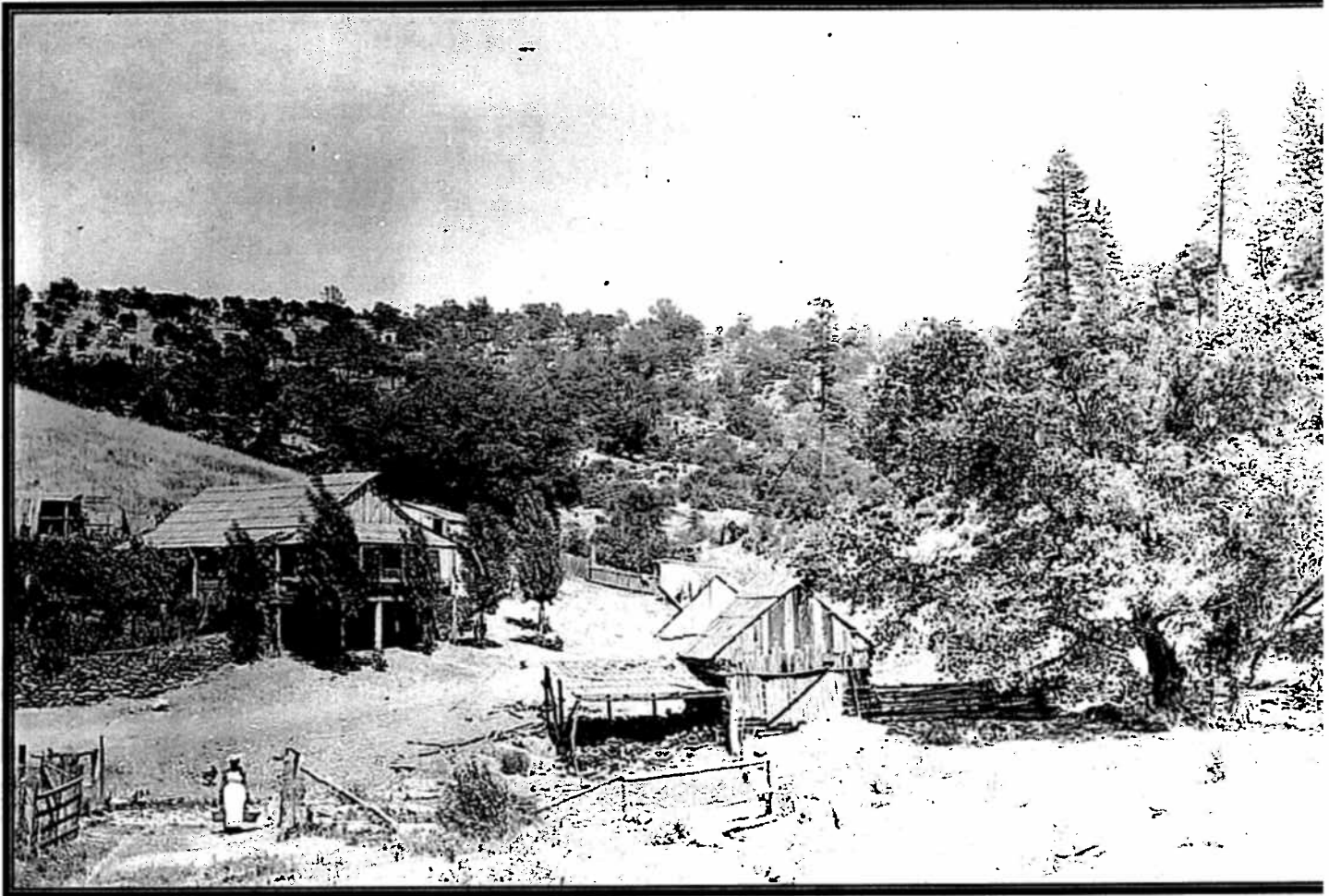
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2005

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# Agricultural Crop & Livestock Report



Neilsen Ranch Circa 1895

## **A Short History on Neilsen Ranch:**

Sometime during the late 1870's the first Neilsens, Magnus and Karoline, immigrated to the United States from Bornholm, Denmark. For Magnus, the dream of becoming a rancher was soon fulfilled with the establishment of a homestead just south of El Dorado, California. During his days as a Danish Merchant Marine, Magnus used a branding iron consisting of his initials, MN, to mark his personal trunks when aboard ship. Upon coming to America, his branding iron found new employment as the ranch's cattle brand. In the 1950's the original branding iron was retired as wall décor in the Neilsen's home; however, the initial MN brand is still in use today. Over time the ranch has passed down through the generations; today, it is owned and operated by Magnus and Karoline's great-grandson, Howard, and his wife Carolyn.

# MN





## DEPARTMENT OF AGRICULTURE WEIGHTS AND MEASURES

**William J. Stephans**  
Agricultural Commissioner  
Sealer of Weights and Measures

311 Fair Lane  
Placerville, CA 95667  
(530) 621-5520  
(530) 626-4756 FAX  
eldcag@co.el-dorado.ca.us

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In accordance with Section 2279 of the California Food and Agricultural Code, I hereby submit the 2005 El Dorado & Alpine Counties Crop Report.

The El Dorado County gross crop value for 2005 was \$42.9 million; this is an overall 12.8% decrease from the 2004 values. Declining values were caused by many factors, including a 28% decrease in timber, due to depressed timber values, as well as a 13.8% decrease in fruit and nut sales which resulted from adverse weather conditions during bloom set. Livestock values for both Alpine and El Dorado counties increased 24.8% due to an increase in value per hundredweight.

The weather favored 2005's wine grape crop. This resulted in a 10.3% increase in production from the previous year. In addition, the average price paid per ton increased by 6.9%. El Dorado County wine grapes still continue to receive more than twice the State average for all wine grape varieties.

The monetary values in this report are F.O.B. (Freight On Board) and do not reflect net returns or profits realized by the growers. It is estimated that the impact of agriculture on El Dorado County's economy totaled approximately \$434 million in 2005. The wine industry's economic impact was estimated at \$203 million, combined with Apple Hill's additional \$92 million, resulted in an overall \$295 million dollar boost to the El Dorado County economy.

I wish to express my appreciation to the many individuals and organizations that contributed information to make this report possible. Lee Anne Mila and Jesse Honeycutt, Agricultural Biologist/Standards Inspectors, compiled this report.

Respectfully Submitted,

WILLIAM J. STEPHANS  
Agricultural Commissioner  
Sealer of Weights and Measures

# 2005 Crop Report

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### DEPARTMENTAL STAFF

**WILLIAM J. STEPHANS**  
*Agricultural Commissioner*  
*Sealer of Weights and Measures*

**STEVEN G. BURTON**  
*Assistant Agricultural Commissioner*  
*Sealer of Weights and Measures*

#### *Agricultural Biologist* *Standards Inspectors*

Charlene Carveth, Senior  
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<http://www.co.el-dorado.ca.us/ag>  
*Cover photo, inside cover photo, and history of Neilson Ranch*  
*courtesy of Howard and Carolyn Neilsen*

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*El Dorado County*

*Fruit and Nut Crops*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>PEARS</b>							
Bartlet - Fresh	2005			36	Tons	\$ 333	\$ 12,048
	2004			143	Tons	\$ 1,108	\$ 158,444
Cannery	2005			20	Tons	\$ 235	\$ 4,700
	2004			50	Tons	\$ 225	\$ 11,250
Juice	2005			35	Tons	\$ 124	\$ 4,340
	2004			65	Tons	\$ 100	\$ 6,500
Total Bartlet	2005	44	2.05	91	Tons	\$ 231	\$ 21,088
	2004	210	1.23	258	Tons	\$ 683	\$ 176,183
Bosc/Asian	2005	39	2.24	87	Tons	\$ 1,361	\$ 118,407
	2004	60	5.87	352	Tons	\$ 922	\$ 324,544
TOTAL PEARS	2005	83					\$ 139,495
	2004	270					\$ 500,727

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>APPLES</b>							
Fresh	2005			4,257	Tons	\$ 602	\$ 2,562,714
	2004			5,298	Tons	\$ 691	\$ 3,661,766
Cannery/Apple Hill Products*	2005			2,040	Tons		\$ 387,945
	2004			1,589	Tons		\$ 302,190
Cider	2005			55,604	Gallons		\$ 333,621
	2004			1,227	Tons		\$ 125,100
TOTAL APPLES	2005	840					\$ 3,284,280
	2004	837					\$ 4,089,056

\* Includes all "Enhanced Agricultural Products" such as fruit/nut pies and jams

*El Dorado County*

*Fruit and Nut Crops (continued)*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Ave. Value per Unit	Total Value
<b>WINE GRAPES</b>							
Bearing	2005	1906	2.44	4,651	Tons	\$ 1,171	\$ 4,939,984
	2004	1710	2.46	4,207	Tons	\$ 1,095	\$ 4,608,235
Non-Bearing	2005	256	Total Acreage = 2162				
	2004	446					

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
Cherries	2005	90	0.10	9	Tons	\$ 3,967	\$ 35,703
	2004	100	0.22	22	Tons	\$ 5,500	\$ 121,000
Peaches	2005	101	2.15	217	Tons	\$ 2,476	\$ 537,292
	2004	102	4.50	459	Tons	\$ 2,200	\$ 1,009,800
Plums	2005	53	3.23	171	Tons	\$ 1,751	\$ 299,421
	2004	57	4.14	236	Tons	\$ 1,378	\$ 325,208
Walnuts	2005	239	0.15	36	Tons	\$ 980	\$ 35,280
	2004	249	0.41	103	Tons	\$ 998	\$ 102,840

Totals	Year	Total Acreage	Total Value
FRUIT & NUT CROPS	2005	3568	\$ 9,271,455
	2004	3771	\$ 10,756,866
MINOR & MISC. CROPS*	2005		\$ 209,456
	2004		\$ 341,200

\*Minor and Miscellaneous includes: Truck Gardens, Berries, Nectarines, Citrus, Chestnuts, Avocados, Pumpkins, Tomatoes and Persimmons

*El Dorado County*

*Livestock*

Crop	Year	Number of Head	Total Live Weight	Unit	Average Unit Value	Total Value
Cattle and Calves	2005	6943	74,301	cwt.**	\$ 89.40	\$ 6,642,509
	2004	6189	66,232	cwt.	\$ 81.20	\$ 5,378,055
Goats and Kids	2005	2178		per head	\$ 125.00	\$ 272,250
	2004					
Sheep and Lambs	2005	220	253	cwt.	\$ 86.02	\$ 21,763
	2004	350	402	cwt.	\$ 78.20	\$ 31,436
Misc.*	2005					\$ 1,100,220
	2004					\$ 997,200
TOTAL LIVESTOCK	2005					\$ 8,036,742
	2004					\$ 6,438,101

\*Misc. Includes: Turkeys, Ducks, Geese, Chickens, Hatching Eggs, Llamas, Alpacas, Hogs/Pigs, Emu, Ostrich and Wool/Byproducts

\*\*cwt. = hundredweight = 100 pounds

*Apiary Products*

	Year	Units	Total Value
Apiary Products	2005	570 Colonies	\$ 57,000
	2004	614 Colonies	\$ 65,400

Includes: Honey, Bees Wax, Pollen and Pollination

*Hay and Pasture*

Crop	Year	Acres	Units	Value Per Unit	Total Value	
Hay, Tame	2005	271	461	Tons	\$ 115.00	\$ 53,015
	2004	354	652	Tons	\$ 115.00	\$ 74,980
Irrigated Pasture	2005	869		Acres	\$ 125.00	\$ 108,625
	2004	995		Acres	\$ 125.00	\$ 124,400
Rangeland (Dryland)	2005	286,000		Acres	\$ 12.00	\$ 3,432,000
	2004	245,000		Acres	\$ 12.00	\$ 2,940,000
TOTAL HAY AND PASTURE	2005					\$ 3,593,640
	2004					\$ 3,139,380

*El Dorado County*

*Nursery Products*

Crop	Year	Acreage	Value
TOTAL NURSERY	2005	25	\$ 1,800,07
	2004	28	\$ 2,064,89

*Christmas Trees*

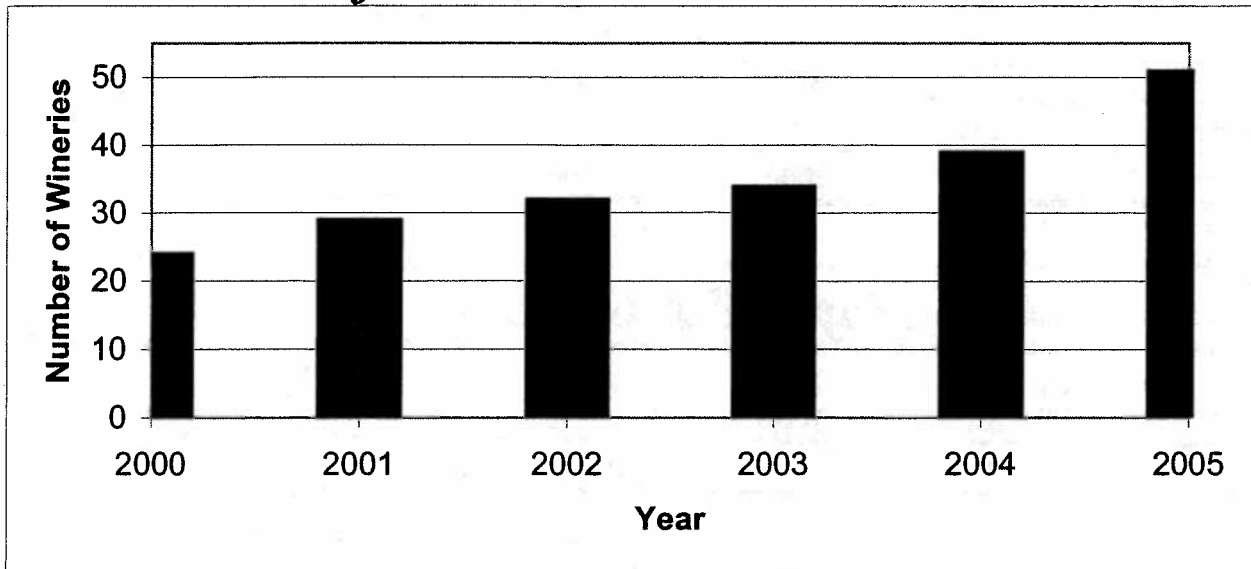
	Year	Production	Unit	Unit	Value
Wholesale	2005	10,980	Each	\$ 21.13	\$ 232,00
	2004	11,210	Each	\$ 20.25	\$ 227,00
Choose and Cut	2005	67,600	Each	\$ 42.90	\$ 2,900,04
	2004	67,800	Each	\$ 41.90	\$ 2,840,82
TOTAL CHRISTMAS TREES	2005				\$ 3,132,04
	2004				\$ 3,067,82

*Timber Harvested and By-Products*

	Year	Production	Unit	Value
Private and Public Forest	2005	90,019	MBF	\$ 16,797,84
	2004	100,798	MBF	\$ 23,332,62
Wood Sales and Permits	2005	2,045	MBF	\$ 23,19
	2004	2,389	MBF	\$ 24,99
TOTAL TIMBER	2005	92,064	MBF	\$ 16,821,03
	2004	100,796	MBF	\$ 23,357,61

*El Dorado County*

*Number of Wineries Over the Past 5 Years*



*Total Values For All Categories*

Crop	Year	Value
Fruit and Nut	2005	\$ 9,267,782
	2004	\$ 10,756,866
Minor and Misc. Crops	2005	\$ 209,456
	2004	\$ 341,200
Apiary Products	2005	\$ 57,000
	2004	\$ 65,400
Livestock	2005	\$ 8,036,742
	2004	\$ 6,438,101
Hay and Pasture	2005	\$ 3,593,640
	2004	\$ 3,139,380
Nursery Products	2005	\$ 1,800,073
	2004	\$ 2,064,895
Christmas Trees	2005	\$ 3,132,047
	2004	\$ 3,067,823
Timber	2005	\$ 16,821,036
	2004	\$ 23,357,613
GRAND TOTAL	2005	\$ 42,917,776
	2004	\$ 49,231,278



## Alpine County

### Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Value per Unit	Total Value
Cattle and Calves	2005	2000	31,500	cwt.**	\$ 89.40	\$ 2,816,100
Cattle and Calves	2004	2000	31,500	cwt.	\$ 81.20	\$ 2,557,800

\*\*cwt. = hundredweight = 100 pounds

### Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value
Hay, Tame	2005	7	14 Tons	\$ 115.00	\$ 1,610
	2004	7	14 Tons	\$ 115.00	\$ 1,610
Irrigated Pasture	2005	1,100	Acres	\$ 125.00	\$ 137,500
	2004	940	Acres	\$ 125.00	\$ 117,500
Rangeland (Dryland)	2005	123,000	Acres	\$ 12.00	\$ 1,476,000
	2004	130,000	Acres	\$ 12.00	\$ 1,560,000
TOTAL HAY AND PASTURE	2005				\$ 1,615,110
	2004				\$ 1,679,110

## El Dorado & Alpine Counties

### Pest Management and Eradication

Pest	Agent/Mechanism	Scope of Program
Yellow Starthistle ( <i>Centaurea solstitialis</i> )	Mechanical/Chemical/Biocontrol	Management
Klamath Weed ( <i>Hypericum perforatum</i> )	Biocontrol	Management
Spotted Knapweed ( <i>Centaurea maculosa</i> )	Chemical/Mechanical	Eradication
Dalmation Toadflax ( <i>Linaria genistifolia ssp. dalmatica</i> )	Chemical	Eradication
Tall Whitetop ( <i>Lepidium latifolium</i> )	Chemical	Eradication
Oblong Spurge ( <i>Euphorbia oblongata</i> )	Chemical	Eradication
Canada Thistle ( <i>Cirsium arvense</i> )	Chemical	Eradication
Purple Loosestrife ( <i>Lythrum salicaria</i> )	Chemical	Eradication
Russian Knapweed ( <i>Acroptilon repens</i> )	Chemical	Eradication
Vine Mealybug ( <i>Planococcus ficus</i> )	Biocontrol/Chemical	Eradication
Striped Mealybug ( <i>Ferrisia gilli</i> )	Chemical	Eradication

# *Sustainable Agriculture Reporting for El Dorado and Alpine Counties*

## Pest Exclusion

*Prevents the introduction of detrimental pests that are not of common occurrence in California. Over **2,417 inspections at 546 locations** were made during 2005.*

## Pest Detection

*Monitoring program to detect pests that may have entered El Dorado County despite pest exclusion efforts. Over **800 traps** were placed in 2005 in both rural and urban areas to detect various pests.*

## Pest Eradication

*Includes chemical and mechanical treatments. **Vine Mealybug** infected vineyards and a **Striped Mealybug** infestation were treated by the growers in cooperation with this Department during the 2005 growing season.*

## Pest Management

*El Dorado County Noxious Weed Management Group: Coordinates invasive weed control, education and eradication among federal, state, county and private agencies within the Lake Tahoe Basin.*

*Glassy-winged Sharpshooter (GWSS) Pest Management Program: Includes inspections of all nursery stock shipped into the county from known GWSS infested areas. Over **400 insect traps** have been deployed and monitored throughout the county.*

*Biological Control Program: Releases insects and other organisms that act as natural enemies against noxious pests. Biocontrol projects include: Leaf beetle (*Chrysolina quadrigemina*) to **control Klamath Weed**. Seed weevil (*Eustenopus villosus*), the Peacock fly (*Chaetorellia australis*), the bud weevil (*Bangasternus orientalis*), the gall fly (*Urophora sirunaseva*), the flower weevil (*Larinus curtus*), the hairy weevil (*Eustenopus villosus*), and the rust fungus (*Puccinia jaceae* var. *solstitialis*) to **reduce the spread of Yellow Starthistle**. A parasitic wasp (*Encarsia partneopea*) is being utilized in the **control of Ash Whiteflies**. The El Dorado County Department of Agriculture monitors and relocates the organisms in cooperation with the California Department of Food and Agriculture.*

*Vertebrate Pest Management Program: Assists growers and homeowners in the control of deprecating vertebrate pests (i.e., mice, rats, etc.).*

*Wildlife Management Program: Provides management of wildlife that are deprecating livestock, property and/or presenting a hazard to public health and safety.*

## Pesticide Monitoring

*Monitoring program to protect public health, the environment and agricultural workers. This program is conducted in cooperation with the California Department of Pesticide Regulation.*

## Commodity Evaluation and Marketing Programs

**Certified Farmer's Market Program:** *Allows farmers to market directly to consumers at area Certified Farmer's Markets. Grower inspections are conducted by the Department to validate the registration.*

There were **45 growers** registered as certified growers with production areas within the county.

**Organic Program:** *Includes registration by growers in order to market farm products as organically grown. Grower inspections are conducted by the Department to validate the registration. In 2005, 16 growers* were registered as organic, **representing 158 acres** under production.

**Standardization Program:** *Protects consumers and the fresh fruit, nut and vegetable industry from distribution of substandard products. Standardization laws establish minimum specifications for maturity, quality and size of commodities (i.e., apples, pears) plus standard container pack and labeling. Quality Control inspections are also conducted on nursery stock, eggs and seeds.*

## The Ever Changing Face of Agriculture in El Dorado County

**Then: 1954**

Top Crops	Income	Quantity
apples*	\$ 102,232	1,189 tons
pears	\$ 2,753,055	39,870 tons
wine grapes	\$ -	none reported
eggs	\$ 230,000	600,000 dozen
wool	\$ 42,000	86,950 lbs.
fryers/hens	\$ 97,750	425,000 lbs.
milk fat	\$ 70,560	65,000 lbs.
cattle	\$ 632,512	13,600 head
sheep	\$ 179,200	11,200 head
swine	\$ 55,000	2,500 head
turkey	\$ 248,080	44,300 head
timber	\$ -	none reported

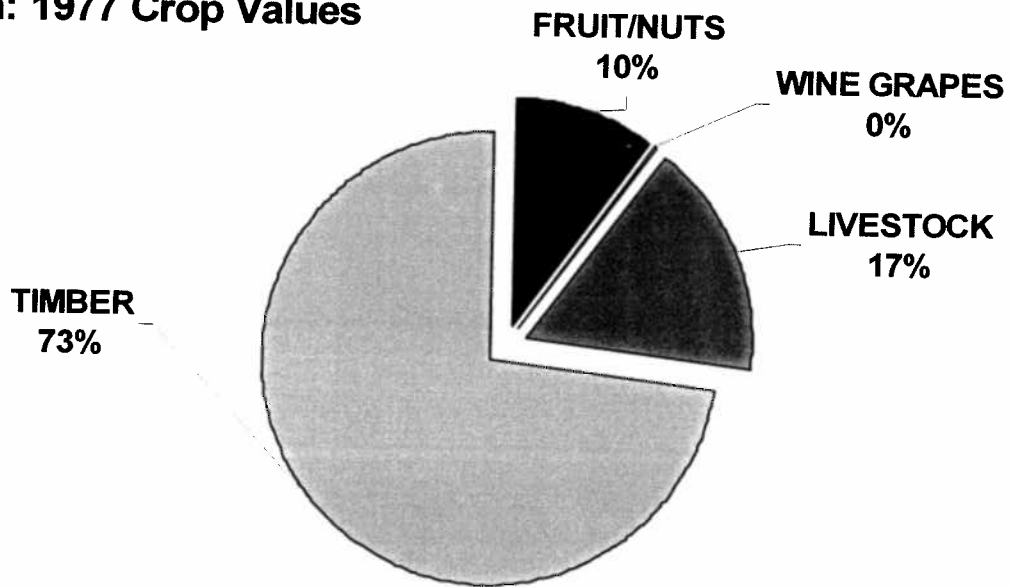
\*1954's apple production of 3.87 tons per acre was significantly lower than 1952's 6.61 tons per acre & 1956's 9.17 tons per acre

**And Now: 2005**

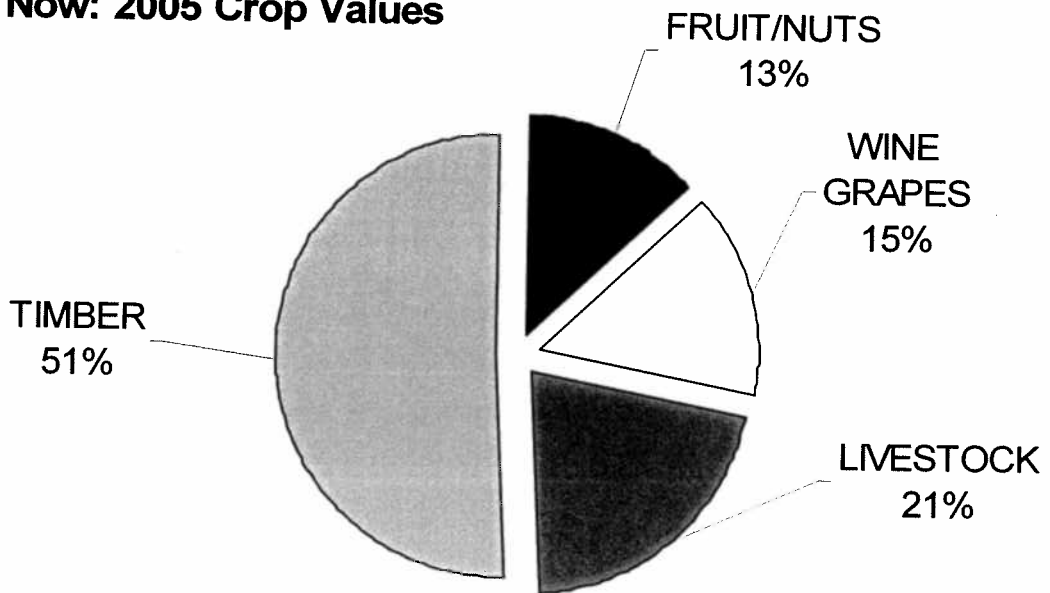
Crop Comparison	Income	Quantity	
apples	\$ 3,284,280	4,257 tons	↑
pears	\$ 135,822	178 tons	↓
wine grapes	\$ 4,939,984	4,651 tons	↑
eggs	\$ -	none reported	↓
wool	\$ -	none reported	↓
fryers/hens	\$ -	none reported	↓
milk fat	\$ -	none reported	↓
cattle	\$ 6,642,509	6,943 head	↓
sheep	\$ 21,763	220 head	↓
swine	\$ 110,220	502 head	↓
turkey	\$ -	none reported	↓
timber	\$16,821,036	92,064 MBF	↑

**The Ever Changing Face of Agriculture in El Dorado County (Continued)**

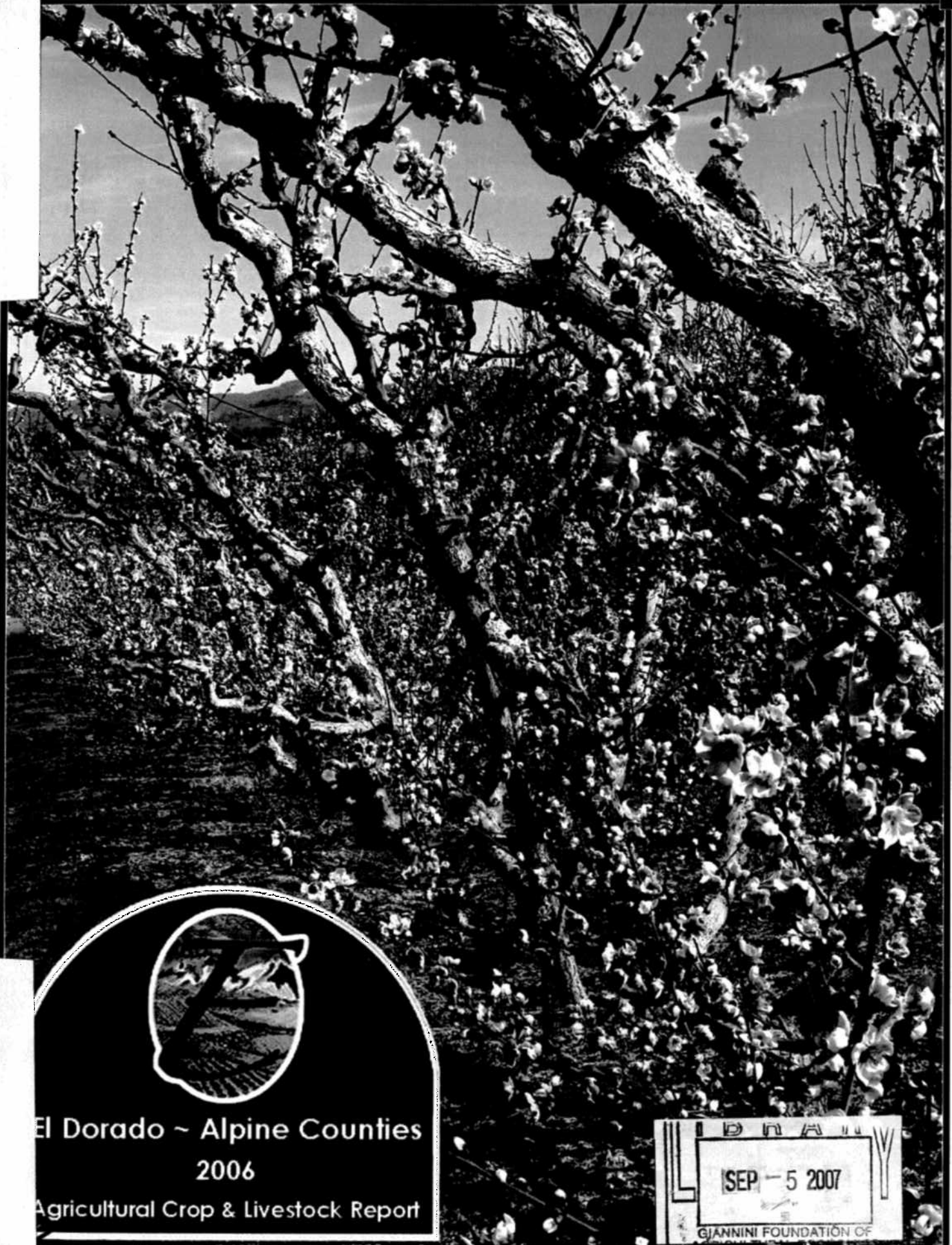

**Then: 1977 Crop Values**



**And Now: 2005 Crop Values**





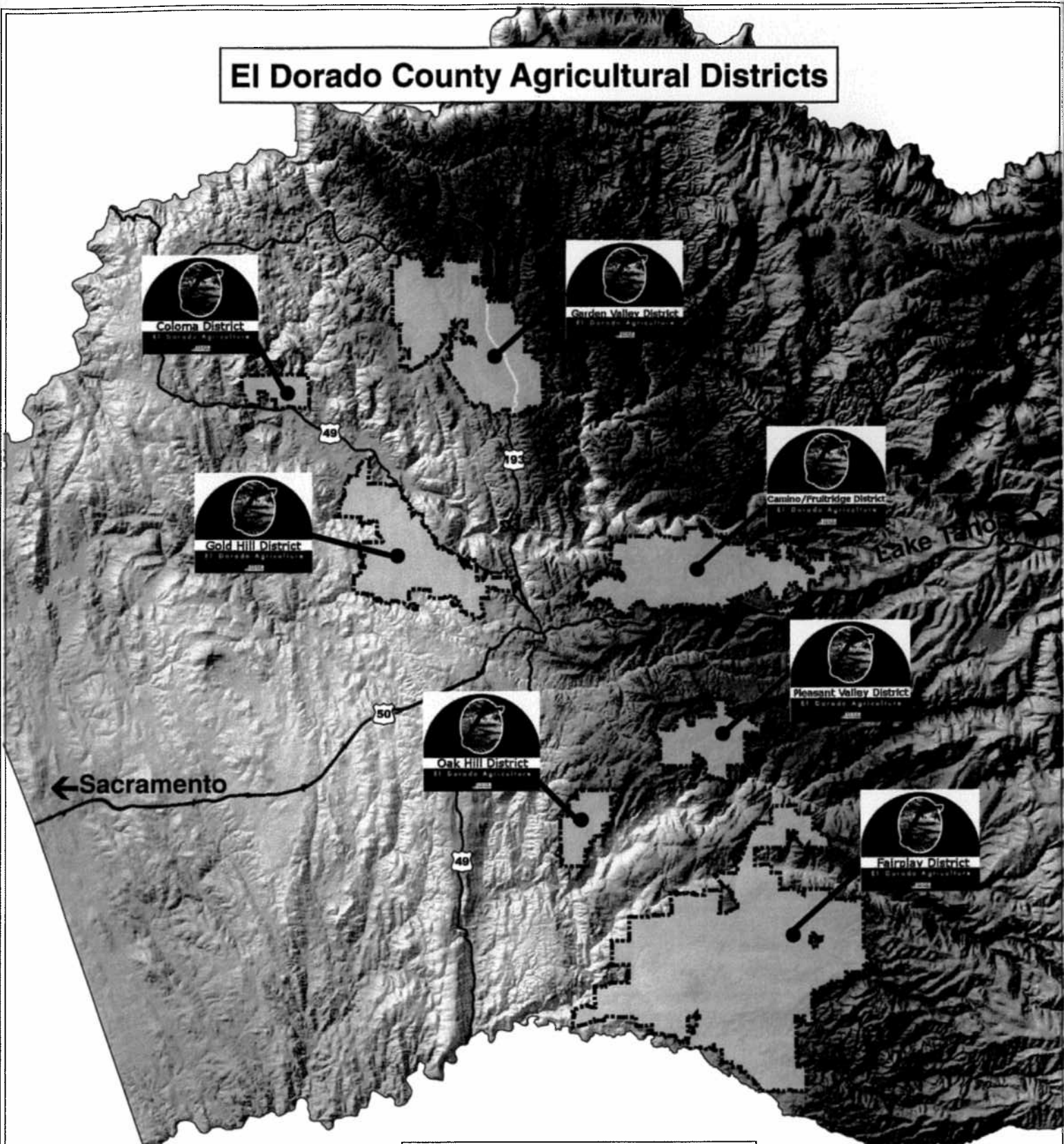
El Dorado ~ Alpine Counties  
2006  
Agricultural Crop & Livestock Report

DRAY

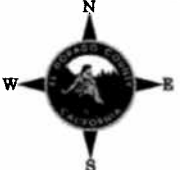
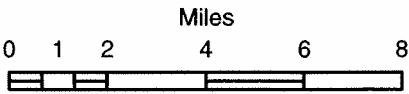
SEP - 5 2007

GIANNINI FOUNDATION OF

# El Dorado County Agricultural Districts



**"Agricultural Districts"**  
are maintained to  
conserve, protect, and encourage  
agricultural activities  
throughout the County.





## DEPARTMENT OF AGRICULTURE WEIGHTS AND MEASURES

**William J. Stephans**  
Agricultural Commissioner  
Sealer of Weights and Measures

311 Fair Lane  
Placerville, CA 95667 -  
(530) 621-5520  
(530) 626-4756 FAX  
eldcag@co.el-dorado.ca.us

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

### BOARD OF SUPERVISORS

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In accordance with Section 2279 of the California Food and Agricultural Code, I hereby submit the 2006 El Dorado & Alpine Counties Crop Report.

The El Dorado County gross crop value for 2006 was \$58.8 million; this is an overall 37.0% increase from the 2005 values. This rise in values was caused by multiple factors including a 75.0% increase in timber, due to fire salvage, and a 25.8% increase in fruit and nut sales resulting from more accurate data collection. Better statistical reporting from local beekeepers also led to a substantial 308.9% increase in apiary values.

The 2006 wine grape crop yielded a higher tonnage per acre. This resulted in a 25.2% increase in production over the previous year. Total wine grape tonnage sold outside of El Dorado County increased 97.7% from 859 tons in 2005 to 1698 tons in 2006.

The monetary values in this report are F.O.B. (Freight On Board) and do not reflect net returns or profits realized by the growers. It is estimated that the impact of agriculture on El Dorado County's economy totaled approximately \$502 million in 2006. The wine industry's economic impact was estimated at \$220 million, combined with Apple Hill's additional \$95 million, resulted in an overall \$315 million dollar boost to the El Dorado County economy.

The Alpine County gross crop value for 2006 was \$4.9 million; this is an overall 10.3% increase from the 2005 value.

I wish to express my appreciation to the many individuals and organizations that contributed information to make this report possible.

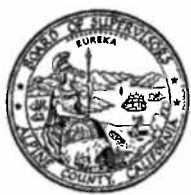
Respectfully Submitted,

WILLIAM J. STEPHANS  
Agricultural Commissioner  
Sealer of Weights and Measures



# 2006 Crop Report

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### DEPARTMENTAL STAFF

**WILLIAM J. STEPHANS**  
*Agricultural Commissioner/  
Sealer of Weights and Measures*

**STEVEN G. BURTON**  
*Assistant Agricultural Commissioner  
Sealer of Weights and Measures*

### Agricultural Biologist/ Standards Inspectors

DAVID BAFUS  
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CHRIS FLORES  
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HEATHER MELESKI  
LEE ANNE MILA  
GRETA SHUTLER

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DEANNA TOMPKINS, Secretary  
MYRNA TOW, Administrative Technician

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*El Dorado County*

*Fruit and Nut Crops*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>PEARS</b>							
Bartlet - Fresh	2006			264	Tons	\$ 767	\$ 202,488
	2005			36	Tons	\$ 335	\$ 12,120
Cannery	2006			87	Tons	\$ 74	\$ 6,448
	2005			20	Tons	\$ 235	\$ 4,700
Juice	2006			153	Tons	\$ 88	\$ 13,464
	2005			35	Tons	\$ 124	\$ 4,340
<b>Total Bartlet</b>	2006	79	6.38	504	Tons	\$ 441	\$ 222,400
	2005	44	2.07	91	Tons	\$ 231	\$ 21,088
Bosc/Asian	2006	46	6.26	288	Tons	\$ 931	\$ 268,200
	2005	39	2.23	87	Tons	\$ 1,361	\$ 118,407
<b>TOTAL PEARS</b>	2006	125					\$ 490,600
	2005	83					\$ 139,495

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>APPLES</b>							
Fresh	2006			5,200	Tons	\$ 646	\$ 3,359,200
	2005			4,257	Tons	\$ 602	\$ 2,562,714
Cannery/Apple Hill Products*	2006			2,921	Tons		\$ 555,487
	2005			2,040	Tons		\$ 387,945
Cider	2006			53,254	Gallons		\$ 367,453
	2005			55,604	Gallons		\$ 333,621
<b>TOTAL APPLES</b>	2006	847					\$ 4,282,139
	2005	840					\$ 3,284,280

\* Includes all "Enhanced Agricultural Products" such as fruit/nut pies and jams

*El Dorado County*

*Fruit and Nut Crops (continued)*

Crop	Year	Acreage	Production Per Acre	Total Production	Total Production Value
<b>WINE GRAPES</b>					
Bearing	2006	1864	3.07	5,720	\$ 6,186,521
	2005	1906	2.44	4,651	\$ 4,939,984
Non-Bearing	2006	194	Total Acreage = 2058		
	2005	256			

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
Cherries	2006	88	0.10	9	Tons	\$ 3,885	\$ 34,965
	2005	90	0.10	9	Tons	\$ 3,967	\$ 35,703
Peaches	2006	105	1.92	202	Tons	\$ 2,451	\$ 495,102
	2005	101	2.15	217	Tons	\$ 2,476	\$ 537,292
Plums	2006	52	0.60	31	Tons	\$ 1,698	\$ 52,638
	2005	53	3.23	171	Tons	\$ 1,751	\$ 299,421
Walnuts	2006	219	0.35	76	Tons	\$ 1,600	\$ 121,600
	2005	239	0.15	36	Tons	\$ 980	\$ 35,280

Totals	Year	Total Acreage	Total Value
<b>FRUIT &amp; NUT CROPS</b>	2006	3494	\$ 11,663,565
	2005	3568	\$ 9,271,455
<b>MINOR &amp; MISC. CROPS*</b>	2006		\$ 230,505
	2005		\$ 209,456

\*Minor and Miscellaneous includes: Truck Gardens, Berries, Nectarines, Citrus, Chestnuts, Avocados, Pumpkins, Tomatoes and Persimmons

# El Dorado County

## Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Average Unit Value	Total Value
Cattle and Calves	2006	7048	75,425	cwt.**	\$ 89.40	\$ 6,742,995
	2005	6943	74,301	cwt.	\$ 89.40	\$ 6,642,509
Goats and Kids	2006	2696		per head	\$ 219.69	\$ 592,284
	2005	2178		per head	\$ 125.00	\$ 272,250
Sheep and Lambs	2006	275	273	cwt.	\$ 71.48	\$ 19,514
	2005	220	253	cwt.	\$ 86.02	\$ 21,763
Misc.*	2006					\$ 1,145,898
	2005					\$ 1,100,220
TOTAL LIVESTOCK	2006					\$ 8,500,691
	2005					\$ 8,036,742

\*Misc. Includes: Turkeys, Ducks, Geese, Chickens, Hatching Eggs, Llamas, Alpacas, Hogs/Pigs, Emu, Ostrich and Wool/Byproducts

\*\*cwt. = hundredweight = 100 pounds

## Apiary Products

	Year	Units	Total Value
Apiary Products	2006	2000 colonies	\$ 233,056
	2005	570 colonies	\$ 57,000

Includes: Honey, Bees Wax, Pollen and Pollination

## Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value
Hay, Tame	2006	268	455 Tons	\$ 117.00	\$ 53,235
	2005	271	461 Tons	\$ 115.00	\$ 53,015
Irrigated Pasture	2006	927	Acres	\$ 128.00	\$ 118,656
	2005	869	Acres	\$ 125.00	\$ 108,625
Rangeland (Dryland)	2006	286,000	Acres	\$ 13.00	\$ 3,718,000
	2005	286,000	Acres	\$ 12.00	\$ 3,432,000
TOTAL HAY AND PASTURE	2006				\$ 3,889,891
	2005				\$ 3,593,640

*El Dorado County*

***Nursery Products***

Crop	Year	Acreage	Value
TOTAL NURSERY	2006	22	\$ 1,504,482
	2005	25	\$ 1,800,073

***Christmas Trees***

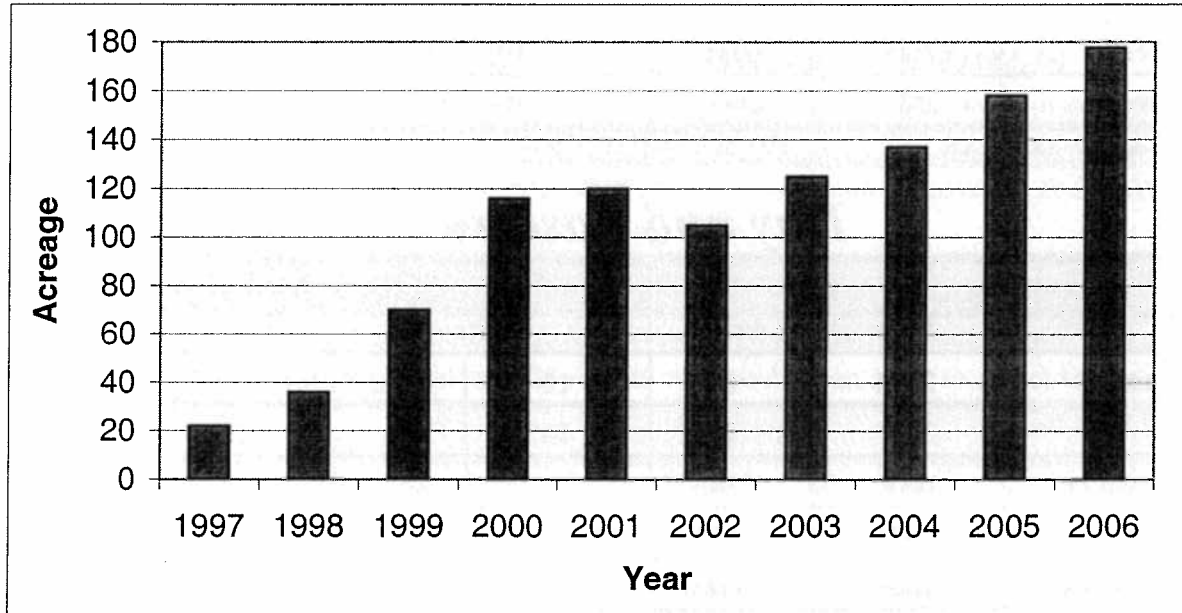
	Year	Production	Unit	Unit	Value
Wholesale	2006	10,568	Each	\$ 25.37	\$ 268,110
	2005	10,980	Each	\$ 21.13	\$ 232,000
Choose and Cut	2006	68,720	Each	\$ 44.38	\$ 3,049,792
	2005	67,600	Each	\$ 42.90	\$ 2,900,040
TOTAL CHRISTMAS TREES	2006				\$ 3,317,902
	2005				\$ 3,132,040

***Timber Harvested and By-Products***

	Year	Production	Unit	Value
Private and Public Forest	2006	211,706	MBF	\$ 29,418,831
	2005	90,019	MBF	\$ 16,797,841
Wood Sales and Permits	2006	76,270	MBF	\$ 24,570,000
	2005	2,045	MBF	\$ 23,190,000
TOTAL TIMBER	2006	287,976		\$ 29,443,400
	2005	92,064		\$ 16,821,030

*El Dorado County*

*Organic Farm Acreage In El Dorado County*



*Total Values For All Categories*

Crop	Year	Value
Fruit and Nut	2006	\$ 11,663,565
	2005	\$ 9,271,455
Minor and Misc. Crops	2006	\$ 230,505
	2005	\$ 209,456
Apiary Products	2006	\$ 233,056
	2005	\$ 57,000
Livestock	2006	\$ 8,500,691
	2005	\$ 8,036,742
Hay and Pasture	2006	\$ 3,889,891
	2005	\$ 3,593,640
Nursery Products	2006	\$ 1,504,482
	2005	\$ 1,800,073
Christmas Trees	2006	\$ 3,317,904
	2005	\$ 3,132,047
Timber	2006	\$ 29,443,403
	2005	\$ 16,821,036
GRAND TOTAL	2006	\$ 58,783,497
	2005	\$ 42,921,449

## Alpine County

### Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Value per Unit	Total Value
Cattle and Calves	2006	2140	33,702	cwt.**	\$ 89.40	\$ 3,012,959
Cattle and Calves	2005	2000	31,500	cwt.	\$ 89.40	\$ 2,816,100

\*\*cwt. = hundredweight = 100 pounds

### Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value
Hay, Tame	2006	8	16 Tons	\$ 116.00	\$ 1,856
	2005	7	14 Tons	\$ 115.00	\$ 1,610
Irrigated Pasture	2006	1,143	Acres	\$ 125.00	\$ 142,875
	2005	1,100	Acres	\$ 125.00	\$ 137,500
Rangeland (Dryland)	2006	133,000	Acres	\$ 13.00	\$ 1,729,000
	2005	123,000	Acres	\$ 12.00	\$ 1,476,000
Timber	2006		51 MBF	\$ 54.51	\$ 2,780
	2005				
TOTAL HAY AND PASTURE	2006				\$ 1,873,731
	2005				\$ 1,615,110

## El Dorado & Alpine Counties

### Pest Management and Eradication

Pest	Agent/Mechanism	Scope of Program
Yellow Starthistle ( <i>Centaurea solstitialis</i> )	Mechanical/Chemical/Biocontrol	Management
Klamath Weed ( <i>Hypericum perforatum</i> )	Biocontrol	Management
Spotted Knapweed ( <i>Centaurea maculosa</i> )	Chemical/Mechanical	Eradication
Dalmation Toadflax ( <i>Linaria genistifolia</i> ssp. <i>dalmatica</i> )	Chemical	Eradication
Tall Whitetop ( <i>Lepidium latifolium</i> )	Chemical	Eradication
Oblong Spurge ( <i>Euphorbia oblongata</i> )	Chemical	Eradication
Canada Thistle ( <i>Cirsium arvense</i> )	Chemical	Eradication
Purple Loosestrife ( <i>Lythrum salicaria</i> )	Chemical	Eradication
Russian Knapweed ( <i>Acroptilon repens</i> )	Chemical	Eradication
Vine Mealybug ( <i>Planococcus ficus</i> )	Biocontrol/Chemical	Eradication
Striped Mealybug ( <i>Ferrisia gilli</i> )	Chemical	Eradication



## *Sustainable Agriculture Reporting for El Dorado and Alpine Counties*

<b>Pest Exclusion</b>
<i>Prevents the introduction of detrimental pests that are not of common occurrence in California. Over <b>1152 inspections at 423 locations</b> were made during 2006.</i>
<b>Pest Detection</b>
<i>Monitoring program to detect pests that may have entered El Dorado County despite pest exclusion efforts. Over <b>900 traps</b> were placed in 2006 in both rural and urban areas to detect various pests.</i>
<b>Pest Eradication</b>
<i>Includes chemical and mechanical treatments. Vine Mealybug infected vineyards and a Striped Mealybug infestation were treated by the growers in cooperation with this Department during the 2006 growing season.</i>
<b>Pest Management</b>
<i>El Dorado County Noxious Weed Management Group: Coordinates invasive weed control, education and eradication among federal, state, county and private agencies within the Lake Tahoe Basin.</i>
<i>Glassy-winged Sharpshooter (GWSS) Pest Management Program: Includes inspections of all nursery stock shipped into the county from known GWSS infested areas. Over <b>400 insect traps</b> have been deployed and monitored throughout the county.</i>
<i>Biological Control Program: Releases insects and other organisms that act as natural enemies against noxious pests. Biocontrol projects include: Leaf beetle (<i>Chrysolina quadrigemina</i>) to <b>control Klamath Weed</b>. Seed weevil (<i>Eustenopus villosus</i>), the Peacock fly (<i>Chaetorellia australis</i>), the bud weevil (<i>Bangasternus orientalis</i>), the gall fly (<i>Urophora sirunaseva</i>), the flower weevil (<i>Larinus curtus</i>), the hairy weevil (<i>Eustenopus villosus</i>), and the rust fungus (<i>Puccinia jaceae</i> var. <i>solstitialis</i>) to <b>reduce the spread of Yellow Starthistle</b>. A parasitic wasp (<i>Encarsia partneopea</i>) is being utilized in the <b>control of Ash Whiteflies</b>. The El Dorado County Department of Agriculture monitors and relocates the organisms in cooperation with the California Department of Food and Agriculture.</i>
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<i>Monitoring program to protect public health, the environment and agricultural workers. This program is conducted in cooperation with the California Department of Pesticide Regulation.</i>

## Commodity Evaluation and Marketing Programs

Certified Farmer's Market Program: Allows farmers to market directly to consumers at area Certified Farmer's Markets. Grower inspections are conducted by the Department to validate the registration. There were **43 growers** registered as certified growers with production areas within the county.

Organic Program: Includes registration by growers in order to market farm products as organically grown. Grower inspections are conducted by the Department to validate the registration. In 2006, **18 growers** were registered as organic, **representing 177 acres** under production.

Standardization Program: Protects consumers and the fresh fruit, nut and vegetable industry from distribution of substandard products. Standardization laws establish minimum specifications for maturity, quality and size of commodities (i.e., apples, pears) plus standard container pack and labeling. Quality Control inspections are also conducted on nursery stock, eggs and seeds.

## The Ever Changing Face of Agriculture in El Dorado County

**Then: 1981**

Top Crops	Income	Quantity
apples*	\$ 2,054,900	10,466 tons
pears	\$ 1,739,500	10,204 tons
wine grapes	\$ 471,500	924 tons
hogs/pigs	\$ 326,600	3,993 head
cattle/calves	\$ 7,656,400	13,376 head
poultry	\$ 1,238,300	none reported
hay tame	\$ 292,400	1,700 acres
pasture	\$ 337,500	4,500 acres
rangeland	\$ 1,000,000	250,000 acres
nursery	\$ 781,800	8,483,000 plants
Christmas trees	\$ 501,600	48,555 units
timber	\$ 15,473,000	none reported

\*In 1981, apples had a tons per acre value of 19.17

**And Now: 2006**

Crop Comparison	Income	Quantity
apples	\$ 4,282,139	8,476 tons ↓
pears	\$ 490,600	792 tons ↓
wine grapes	\$ -	5,720 tons ↑
hogs/pigs	\$ 110,220	502 head ↓
cattle	\$ 6,742,995	7,048 head ↓
poultry	\$ -	none reported ↓
hay tame	\$ 53,235	268 acres ↓
pasture	\$ 118,656	927 acres ↓
rangeland	\$ 3,718,000	286,000 acres ↑
nursery	\$ 1,504,482	22 acres ↓
Christmas trees	\$ 3,317,904	79,288 units ↑
timber	\$ 29,443,403	287,976 MBF ↑





El Dorado ~ Alpine Counties

2007

Agricultural Crop & Livestock Report



## *About The Cover:*

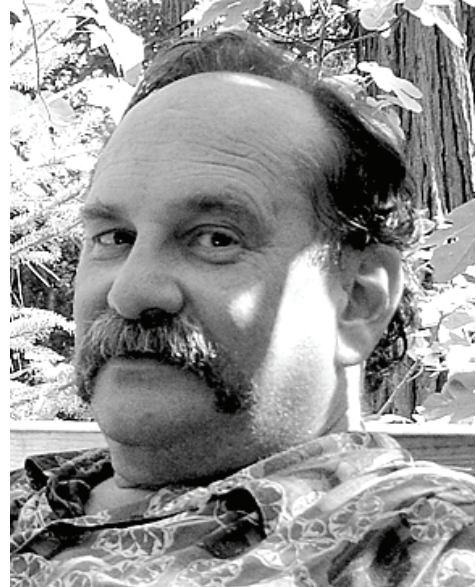
# **Sierra Pacific Industries**

Sierra Pacific Industries, a family owned business since 1949, owns and manages approximately 1.8 million acres of forestland in California. To Sierra Pacific Industries (SPI), sustainable forest management means more than planting trees.

Today's industry is concerned about all aspects of forest health, including wildlife habitat, native plant species and water quality. Harvesting trees and producing wood products for the consumer today is much different than it was fifty or a hundred years ago. Technology has dramatically improved, and with it, the ability to monitor forest conditions and lessen the overall impact on the environment.

SPI employs modern forest management practices that closely mimic natural forest events. SPI has invested in state-of-the-art equipment to optimize every fiber of every tree and they are a voluntary partner in the Sustainable Forestry Initiative to help ensure forests are here for generations to come. The expertise of SPI's registered professional foresters and natural resource specialists guarantees that wildlife habitats, water quality and other forest values are protected.

# In dedication to Steve Burton 1952 - 2008



The 2007 El Dorado ~ Alpine Counties Crop Report is dedicated to the memory of Assistant Agricultural Commissioner/Sealer Steve Burton, who worked for the El Dorado County Department of Agriculture for 26 years. Beginning his agricultural career as an Agricultural Inspector for Santa Clara County in 1979, Steve joined the El Dorado County Department of Agriculture as a Senior Agricultural Biologist in 1982. In 1997 Steve was promoted to Assistant Agricultural Commissioner/Sealer, where he managed all of the various programs.

Steve took his position as Assistant Agricultural Commissioner/Sealer as an honor and loved being an advocate for the agricultural community. Good natured, Steve never balked at a chance to show his generosity or share his wisdom. One of the duties Steve thoroughly enjoyed was serving as our master barbeque chef at the annual Agriculture Roundtable Dinner and Ag Tour functions.

Steve's sense of humor and quick wit lightened many a day at the office. His untimely passing on February 17, 2008 saddened everyone who had the great pleasure of knowing him. He will be missed.





# *The County of El Dorado*

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## *Department of Agriculture Weights & Measures*

*William J. Stephans, Agricultural Commissioner*

*Sealer of Weights and Measures*

---

*311 Fair Lane  
Placerville, CA 95667*

*Phone (530) 621-5520*

*Fax (530) 626-4756*

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

---

### **BOARD OF SUPERVISORS**

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In accordance with Section 2279 of the California Food and Agricultural Code, I hereby submit the 2007 El Dorado & Alpine Counties Crop Report.

The El Dorado County gross crop value for 2007 was \$53.2 million which is an overall decrease of 9.5% from the 2006 values. The decline in values was largely due a 40% decrease in timber values. In addition, the 2007 wine grape crop yielded a lower tonnage per acre that resulted in a 12.1% decrease in production when compared to the previous year. However, better reporting from growers, combined with higher stone fruit crop production led to a 43.3% increase in fruits and nuts category, a 157.5% increase in apiary production and a 44.6% increase in nursery values for 2007.

The monetary values in this report are F.O.B. (Freight On Board) and do not reflect net returns or profits realized by the growers. It is estimated that the impact of agriculture on El Dorado County's economy totaled approximately \$440 million in 2007 of which the wine industry contributed an estimated \$187 million while Apple Hill added another \$98 million.

The Alpine County gross crop value for 2007 was \$4.7 million; this is a slight decrease from the 2006 value.

I wish to express my appreciation to the many individuals and organizations that contributed information to make this report possible.

Respectfully Submitted,

WILLIAM J. STEPHANS  
Agricultural Commissioner  
Sealer of Weights and Measures

*El Dorado County*

*Fruit and Nut Crops*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>PEARS</b>							
Bartlet/Bosc	2007			305	Tons	\$ 1,600	\$ 488,000
	2006			296	Tons	\$ 786	\$ 232,656
Cannery	2007			89	Tons	\$ 62	\$ 5,518
	2006			87	Tons	\$ 74	\$ 6,438
<b>Total Bart/Bosc</b>	2007	84	4.69	394	Tons	\$ 1,253	\$ 493,518
	2006	84	4.56	383	Tons	\$ 624	\$ 239,094
Asian	2007	41	6.34	260	Tons	\$ 2,000	\$ 520,000
	2006	41	6.20	254	Tons	\$ 937	\$ 237,998
<b>TOTAL PEARS</b>	2007	125					\$ 1,013,518
	2006	125					\$ 477,092

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>APPLES</b>							
Fresh	2007			5,378	Tons	\$ 1,336	\$ 7,185,008
	2006			5,200	Tons	\$ 646	\$ 3,359,200
Cannery/Apple Hill Products*	2007			3,072	Tons		\$ 583,680
	2006			2,921	Tons		\$ 555,487
Juice/Cider	2007			55,627	Gallons		\$ 383,826
	2006			53,254	Gallons		\$ 367,453
<b>TOTAL APPLES</b>	2007	845					\$ 8,152,514
	2006	847					\$ 4,282,140

\* Includes all "Enhanced Agricultural Products" such as fruit/nut pies and jams



*El Dorado County*

*Fruit and Nut Crops (continued)*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Ave. Value per Unit	Total Value
Bearing	2007	1747	2.88	5,029	Tons	\$ 1,228	\$ 6,021,458
	2006	1864	3.07	5,720	Tons	\$ 1,262	\$ 6,186,521
Non-Bearing	2007	353	Total Acreage = 2099				
	2006	194					

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
Cherries	2007	51	0.78	40	Tons	\$ 4,800	\$ 192,000
	2006	88	0.10	9	Tons	\$ 3,885	\$ 34,965
Peaches	2007	105	3.28	344	Tons	\$ 2,640	\$ 908,160
	2006	105	1.92	202	Tons	\$ 2,451	\$ 495,102
Plums	2007	52	2.96	154	Tons	\$ 1,960	\$ 301,840
	2006	52	0.60	31	Tons	\$ 1,698	\$ 52,638
Walnuts	2007	158	0.50	79	Tons	\$ 1,580	\$ 124,820
	2006	219	0.35	76	Tons	\$ 1,600	\$ 121,600

Totals	Year	Total Acreage	Total Value
FRUIT & NUT CROPS	2007	3436	\$ 16,714,310
	2006	3494	\$ 11,650,058
MINOR & MISC. CROPS*	2007		\$ 566,817
	2006		\$ 230,505

\*Minor and Miscellaneous includes: Truck Gardens, Berries, Nectarines, Citrus, Chestnuts, Avocados, Olives, Pumpkins, Tomatoes and Persimmons

# El Dorado County

## Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Average Unit Value	Total Value
Cattle and Calves	2007	7025	72,896	cwt.**	\$ 90.28	\$ 6,581,051
	2006	7048	75,425	cwt.	\$ 89.40	\$ 6,742,995
Goats and Kids	2007	2500		per head	\$ 214.12	\$ 535,300
	2006	2696		per head	\$ 219.69	\$ 592,284
Misc.*	2007					\$ 1,568,463
	2006					\$ 1,165,412
TOTAL LIVESTOCK	2007					\$ 8,684,814
	2006					\$ 8,500,691

\*Misc. Includes: Turkeys, Ducks, Geese, Chickens, Hatching Eggs, Llamas, Alpacas, Hogs/Pigs, Sheep, Emu, Ostrich and Wool/By-products

\*\*cwt. = hundredweight = 100 pounds

## Apiary Products

	Year	Units	Total Value
Apiary Products	2007	4000 colonies	\$ 600,000
	2006	2000 colonies	\$ 233,056

Includes: Honey, Bees Wax, Pollen and Pollination

## Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value	
Hay, Tame	2007	216	367	Tons	\$ 121.00	\$ 44,407
	2006	268	455	Tons	\$ 117.00	\$ 53,235
Irrigated Pasture	2007	927		Acres	\$ 128.00	\$ 118,656
	2006	927		Acres	\$ 128.00	\$ 118,656
Rangeland (Dryland)	2007	233,000		Acres	\$ 13.00	\$ 3,029,000
	2006	286,000		Acres	\$ 13.00	\$ 3,718,000
TOTAL HAY AND PASTURE	2007					\$ 3,192,063
	2006					\$ 3,889,891

*El Dorado County*

*Nursery Products*

<b>Crop</b>	<b>Year</b>	<b>Acreage</b>	<b>Value</b>
<b>TOTAL NURSERY</b>	2007	40	\$ 2,168,978
	2006	22	\$ 1,504,482

*Christmas Trees*

	<b>Year</b>	<b>Production</b>	<b>Unit</b>	<b>Unit</b>	<b>Value</b>
<b>Wholesale</b>	2007	8,454	Each	\$ 25.34	\$ 214,224
	2006	10,568	Each	\$ 25.37	\$ 268,110
<b>Choose and Cut</b>	2007	54,976	Each	\$ 45.50	\$ 2,501,408
	2006	68,720	Each	\$ 44.38	\$ 3,049,794
<b>TOTAL CHRISTMAS TREES</b>	2007				\$ 2,715,632
	2006				\$ 3,317,904

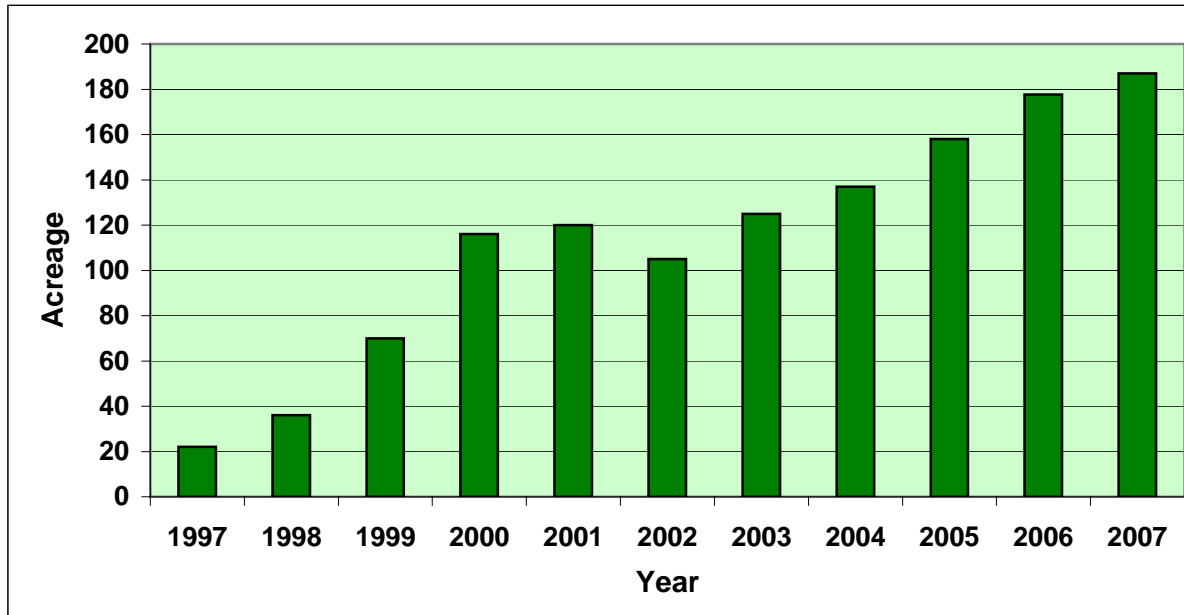
*Timber Harvested and By-Products*

	<b>Year</b>	<b>Production</b>	<b>Unit</b>	<b>Value</b>
<b>Private and Public Forest</b>	2007	91,055	MBF	\$ 18,521,478
	2006	211,706	MBF	\$ 29,418,831
<b>Wood Sales and Permits</b>	2007	2,517	MBF	\$ 38,436
	2006*	76,270	MBF	\$ 24,572
<b>TOTAL TIMBER</b>	2007	93,572		\$ 18,559,914
	2006	287,976		\$ 29,443,403

\*Inconsistent data received from source

*El Dorado County*

***Organic Farm Acreage In El Dorado County***



***Total Values For All Categories***

<b>Crop</b>	<b>Year</b>	<b>Value</b>
<b>Fruit and Nut</b>	2007	\$ 16,714,310
	2006	\$ 11,650,058
<b>Minor and Misc. Crops</b>	2007	\$ 566,817
	2006	\$ 230,505
<b>Apiary Products</b>	2007	\$ 600,000
	2006	\$ 233,056
<b>Livestock</b>	2007	\$ 8,684,814
	2006	\$ 8,500,691
<b>Hay and Pasture</b>	2007	\$ 3,192,063
	2006	\$ 3,889,891
<b>Nursery Products</b>	2007	\$ 2,168,978
	2006	\$ 1,504,482
<b>Christmas Trees</b>	2007	\$ 2,715,632
	2006	\$ 3,317,904
<b>Timber</b>	2007	\$ 18,559,914
	2006	\$ 29,443,403
<b>GRAND TOTAL</b>	2007	\$ 53,202,528
	2006	\$ 58,769,990

# Alpine County

## Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Value per Unit	Total Value
Cattle and Calves	2007	2079	31,564	cwt.**	\$ 90.28	\$ 2,849,598
Cattle and Calves	2006	2140	33,702	cwt.	\$ 89.40	\$ 3,012,959

\*\*cwt. = hundredweight = 100 pounds

## Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value	
Hay, Tame	2007	8	16	Tons	\$ 121.00	\$ 1,936
	2006	8	16	Tons	\$ 116.00	\$ 1,856
Irrigated Pasture	2007	1,143		Acres	\$ 125.00	\$ 142,875
	2006	1,143		Acres	\$ 125.00	\$ 142,875
Rangeland (Dryland)	2007	133,000		Acres	\$ 13.00	\$ 1,729,000
	2006	133,000		Acres	\$ 13.00	\$ 1,729,000
Timber	2007		0	MBF	\$ -	\$ -
	2006		51		\$ 54.51	\$ 2,780
<b>TOTAL HAY AND</b>	2007					\$ 1,873,811
<b>PASTURE</b>	2006					\$ 1,873,731

## El Dorado & Alpine Counties

### Pest Management and Eradication

Pest	Agent/Mechanism	Scope of Program
<b>Yellow Starthistle</b> ( <i>Centaurea solstitialis</i> )	Mechanical/Chemical/Biocontrol	Management
<b>Klamath Weed</b> ( <i>Hypericum perforatum</i> )	Biocontrol	Management
<b>Spotted Knapweed</b> ( <i>Centaurea maculosa</i> )	Chemical/Mechanical	Eradication
<b>Dalmation Toadflax</b> ( <i>Linaria genistifolia</i> ssp. <i>dalmatica</i> )	Chemical	Eradication
<b>Tall Whitetop</b> ( <i>Lepidium latifolium</i> )	Chemical	Eradication
<b>Oblong Spurge</b> ( <i>Euphorbia oblongata</i> )	Chemical	Eradication
<b>Canada Thistle</b> ( <i>Cirsium arvense</i> )	Chemical	Eradication
<b>Purple Loosestrife</b> ( <i>Lythrum salicaria</i> )	Chemical	Eradication
<b>Russian Knapweed</b> ( <i>Acroptilon repens</i> )	Chemical	Eradication
<b>Vine Mealybug</b> ( <i>Planococcus ficus</i> )	Biocontrol/Chemical	Eradication
<b>Striped Mealybug</b> ( <i>Ferrisia gilli</i> )	Chemical	Eradication

# *Sustainable Agriculture Reporting for El Dorado and Alpine Counties*

## **Pest Exclusion**

*Prevents the introduction of detrimental pests that are not of common occurrence in California. Over **1224 inspections at 359 locations** were made during 2007.*

## **Pest Detection**

*Monitoring program to detect pests that may have entered El Dorado County despite pest exclusion efforts. Over **900 traps** were placed in 2007 in both rural and urban areas to detect various pests.*

## **Pest Eradication**

*Includes chemical and mechanical treatments. Vine Mealybug infected vineyards and a Striped Mealybug infestation were treated by the growers in cooperation with this Department during the 2007 growing season.*

## **Pest Management**

El Dorado County Noxious Weed Management Group: *Coordinates invasive weed control, education and eradication among federal, state, county and private agencies within the Lake Tahoe Basin.*

Glassy-winged Sharpshooter (GWSS) Pest Management Program: *Includes inspections of all nursery stock shipped into the county from known GWSS infested areas. Over **400 insect traps** have been deployed and monitored throughout the county.*

Biological Control Program: *Releases insects and other organisms that act as natural enemies against noxious pests. Biocontrol projects include: Leaf beetle (*Chrysolina quadrigemina*) to **control Klamath Weed**. Seed weevil (*Eustenopus villosus*), the Peacock fly (*Chaetorellia australis*), the bud weevil (*Bangasternus orientalis*), the gall fly (*Urophora sirunaseva*), the flower weevil (*Larinus curtus*), the hairy weevil (*Eustenopus villosus*), and the rust fungus (*Puccinia jaceae* var. *solstitialis*) to **reduce the spread of Yellow Starthistle**. A parasitic wasp (*Encarsia partneopea*) is being utilized in the **control of Ash Whiteflies**. The El Dorado County Department of Agriculture monitors and relocates the organisms in cooperation with the California Department of Food and Agriculture.*

Vertebrate Pest Management Program: *Assists growers and homeowners in the control of deprecating vertebrate pests (i.e., mice, rats, etc.).*

Wildlife Management Program: *Provides management of wildlife that are deprecating livestock, property and/or presenting a hazard to public health and safety.*

## **Pesticide Monitoring**

*Monitoring program to protect public health, the environment and agricultural workers. This program is conducted in cooperation with the California Department of Pesticide Regulation.*



## Commodity Evaluation and Marketing Programs

Certified Farmer's Market Program: *Allows farmers to market directly to consumers at area Certified Farmer's Markets. Grower inspections are conducted by the Department to validate the registration. There were **55 growers** registered as certified growers with production areas within the county.*

Organic Program: *Includes registration by growers in order to market farm products as organically grown. Grower inspections are conducted by the Department to validate the registration. In 2007, **20 growers** were registered as organic, **representing 187 acres** under production.*

Standardization Program: *Protects consumers and the fresh fruit, nut and vegetable industry from distribution of substandard products. Standardization laws establish minimum specifications for maturity, quality and size of commodities (i.e., apples, pears) plus standard container pack and labeling. Quality Control inspections are also conducted on nursery stock, eggs and seeds.*







**El Dorado ~ Alpine Counties**

**2008**

**Agricultural Crop & Livestock Report**



## DEPARTMENT OF AGRICULTURE WEIGHTS AND MEASURES

**William J. Stephans**  
Agricultural Commissioner  
Sealer of Weights and Measures

311 Fair Lane  
Placerville, CA 95667  
(530) 621-5520  
(530) 626-4756 FAX  
eldcag@co.el-dorado.ca.us

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

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Norma Santiago	District 5	Tom Sweeney	District 5

In accordance with Section 2279 of the California Food and Agricultural Code, I hereby submit the 2008 El Dorado & Alpine Counties Crop Report.


The El Dorado County gross crop value for 2008 was \$35.4 million which is an overall decrease of 33.5% from the 2007 values. The decline in total value was mainly due to weather related damage caused by low springtime temperatures and a dramatic decrease in timber harvesting. Specifically, timber values saw a precipitous 67.6% decrease from the prior year while many of the other crops experienced lower harvests of higher quality fruits.

The monetary values in this report are F.O.B. (Freight On Board) and do not reflect net returns or profits realized by the growers. It is estimated that the impact of agriculture on El Dorado County's economy totaled approximately \$377 million in 2008 of which the wine industry contributed an estimated \$171 million while Apple Hill added another \$101 million.

The Alpine County gross crop value for 2008 was estimated to be \$4.1 million which is a \$600,000 decrease from the 2007 value.

I wish to express my sincere appreciation to the many individuals and organizations that have contributed information to make this report possible. I particularly wish to thank members of my staff, Heather Meleski and Jesse Honeycutt, for compiling, tabulating and formatting the data.

Respectfully Submitted,

  
WILLIAM J. STEPHANS  
Agricultural Commissioner  
Sealer of Weights and Measures

# 2008 Crop Report

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### **DEPARTMENTAL STAFF**

**WILLIAM J. STEPHANS**  
*Agricultural Commissioner*  
*Sealer of Weights and Measures*

**CHARLENE CARVETH**  
*Deputy Agricultural Commissioner*  
*Deputy Sealer of Weights and Measures*

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#### **Seasonal Ag. Technician**

MIKE DENTON  
JOHN GRAHAM

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DEANNA TOMPKINS  
MYRNA TOW

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*El Dorado County*

*Fruit and Nut Crops*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>PEARS</b>							
Bartlet/Bosc	2008			427	Tons	\$ 1,580	\$ 674,660
	2007			305	Tons	\$ 1,600	\$ 488,000
Cannery	2008			42	Tons	\$ 41	\$ 1,722
	2007			89	Tons	\$ 62	\$ 5,518
<b>Total Bart/Bosc</b>	2008	84	5.58	469	Tons	\$ 1,442	\$ 676,382
	2007	84	4.69	394	Tons	\$ 1,253	\$ 493,518
Asian	2008	41	10.15	416	Tons	\$ 3,420	\$ 1,422,720
	2007	41	6.34	260	Tons	\$ 2,000	\$ 520,000
<b>TOTAL PEARS</b>	2008	125					\$ 2,099,102
	2007	125					\$ 1,013,518

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>APPLES</b>							
Fresh	2008			3,765	Tons	\$ 1,360	\$ 5,120,400
	2007			5,378	Tons	\$ 1,336	\$ 7,185,008
Cannery/Apple Hill Products*	2008			2,200	Tons		\$ 418,000
	2007			3,072	Tons		\$ 583,680
Juice/Cider	2008			44,566	Gallons		\$ 307,060
	2007			55,627	Gallons		\$ 383,826
<b>TOTAL APPLES</b>	2008	845					\$ 5,845,460
	2007	845					\$ 8,152,514

\* Includes all "Enhanced Agricultural Products" such as fruit/nut pies and jams

*El Dorado County*

*Fruit and Nut Crops (continued)*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Ave. Value per Unit	Total Value
<b>WINE GRAPES</b>							
Bearing	2008	1901	2.20	4,182	Tons	\$ 1,265	\$ 5,229,088
	2007	1747	2.88	5,029	Tons	\$ 1,228	\$ 6,021,458
Non-Bearing	2008	319	Total Acreage = 2220				
	2007	353					

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
Cherries	2008	50	0.22	11	Tons	\$ 5,580	\$ 61,380
	2007	51	0.78	40	Tons	\$ 4,800	\$ 192,000
Peaches	2008	105	1.34	141	Tons	\$ 2,740	\$ 386,340
	2007	105	3.28	344	Tons	\$ 2,640	\$ 908,160
Plums	2008	52	1.60	83	Tons	\$ 2,000	\$ 166,000
	2007	52	2.96	154	Tons	\$ 1,960	\$ 301,840
Walnuts	2008	145	0.33	48	Tons	\$ 1,360	\$ 65,280
	2007	158	0.50	79	Tons	\$ 1,580	\$ 124,820
Olives	2008	33	0.29	10	Tons	\$ 4,000	\$ 38,000
	2007*	0		0	Tons	\$ -	\$ -

\*2008 is first year olives are being reported as a separate category

Totals	Year	Total Acreage	Total Value
<b>FRUIT &amp; NUT CROPS</b>	2008	3575	\$ 13,891,569
	2007	3435	\$ 16,714,310
<b>MINOR &amp; MISC. CROPS*</b>	2008		\$ 561,000
	2007		\$ 566,817

\*Minor and Miscellaneous includes: Truck Gardens, Berries, Nectarines, Citrus, Chestnuts, Avocados, Pumpkins, Tomatoes and Persimmons



# El Dorado County

## Livestock

	Year	Number of Head	Total Live Weight	Unit	Average Unit Value	Total Value
Cattle and Calves	2008	6146	63,304	cwt.**	\$ 85.80	\$ 5,431,483
	2007	7025	72,896	cwt.	\$ 90.28	\$ 6,581,051
Goats and Kids***	2008	2500		per head	\$ 210.00	\$ 525,000
	2007	2500		per head	\$ 214.12	\$ 535,300
Misc.*	2008					\$ 1,254,770
	2007					\$ 1,568,463
TOTAL LIVESTOCK	2008					\$ 7,211,253
	2007					\$ 8,684,814

\*Misc. Includes: Turkeys, Ducks, Geese, Chickens, Hatching Eggs, Llamas, Alpacas, Hogs/Pigs, Sheep, Emu, Ostrich and Wool/By-products

\*\*cwt. = hundredweight = 100 pounds

\*\*\*Goats and Kids represents - Meat, Dairy, Show and By-products

## Apiary Products

	Year	Units	Total Value
Apiary Products	2008	4000 colonies	\$ 650,000
	2007	4000 colonies	\$ 600,000

Includes: Honey, Bees Wax, Pollen and Pollination

## Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value
Hay, Tame	2008	216	281	Tons \$ 135.00	\$ 37,935
	2007	216	367	Tons \$ 121.00	\$ 44,407
Irrigated Pasture	2008	927		Acres \$ 142.00	\$ 131,634
	2007	927		Acres \$ 128.00	\$ 118,656
Rangeland (Dryland)	2008	233,000		Acres \$ 12.00	\$ 2,796,000
	2007	233,000		Acres \$ 13.00	\$ 3,029,000
TOTAL HAY AND PASTURE	2008				\$ 2,965,569
	2007				\$ 3,192,063

*El Dorado County*

*Nursery Products*

	<b>Year</b>	<b>Acreage</b>	<b>Value</b>
<b>TOTAL NURSERY</b>	2008	40	\$ 1,560,001
	2007	40	\$ 2,168,978

*Christmas Trees*

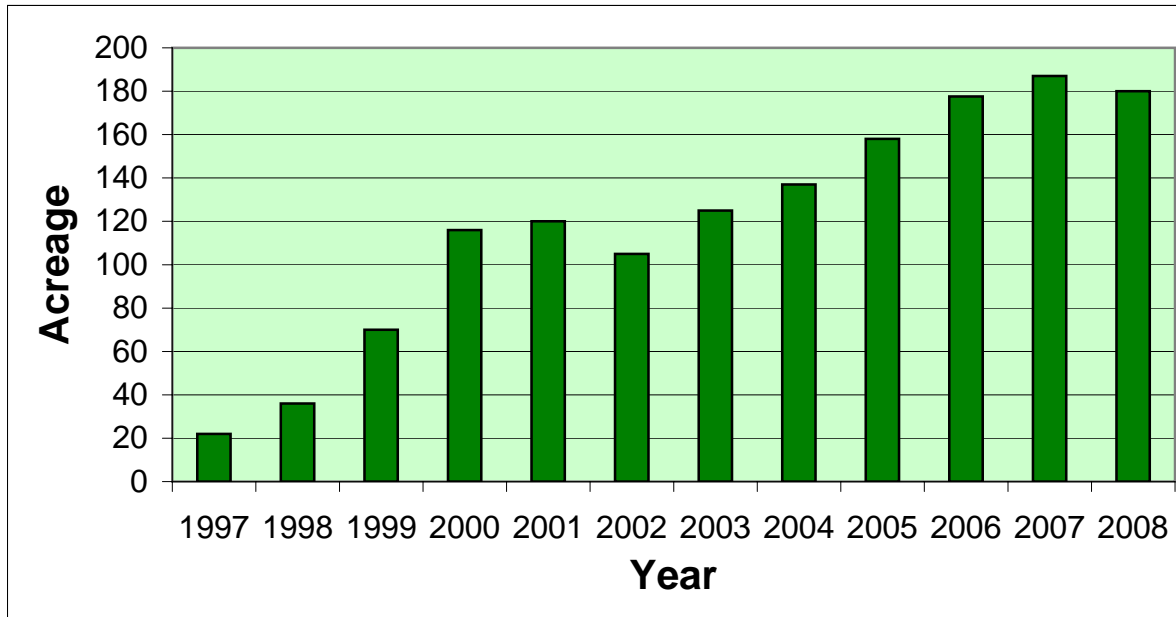
	<b>Year</b>	<b>Production</b>	<b>Unit</b>	<b>Unit</b>	<b>Value</b>
<b>Wholesale</b>	2008	8,412	Each	\$ 25.00	\$ 210,300
	2007	8,454	Each	\$ 25.34	\$ 214,224
<b>Choose and Cut</b>	2008	54,701	Each	\$ 42.23	\$ 2,310,023
	2007	54,976	Each	\$ 45.50	\$ 2,501,408
<b>TOTAL CHRISTMAS TREES</b>	2008				\$ 2,520,323
	2007				\$ 2,715,632

*Timber Harvested and By-Products*

	<b>Year</b>	<b>Production</b>	<b>Unit</b>	<b>Value</b>
<b>Private and Public Forest</b>	2008	44,726	MBF	\$ 5,963,675
	2007	91,055	MBF	\$ 18,521,478
<b>Wood Sales and Permits</b>	2008	2,443	MBF	\$ 57,406
	2007	2,517	MBF	\$ 38,436
<b>TOTAL TIMBER</b>	2008	47,169		\$ 6,021,081
	2007	93,572		\$ 18,559,914

# *El Dorado County*

## *Registered Organic Farm Acreage In El Dorado County*



## *Total Values For All Categories*

<b>Crop</b>	<b>Year</b>	<b>Value</b>
<b>Fruit and Nut</b>	2008	\$ 13,891,569
	2007	\$ 16,714,310
<b>Minor and Misc. Crops</b>	2008	\$ 561,000
	2007	\$ 566,817
<b>Apiary Products</b>	2008	\$ 650,000
	2007	\$ 600,000
<b>Livestock</b>	2008	\$ 7,211,253
	2007	\$ 8,684,814
<b>Hay and Pasture</b>	2008	\$ 2,965,569
	2007	\$ 3,192,063
<b>Nursery Products</b>	2008	\$ 1,560,001
	2007	\$ 2,168,978
<b>Christmas Trees</b>	2008	\$ 2,520,323
	2007	\$ 2,715,632
<b>Timber</b>	2008	\$ 6,021,081
	2007	\$ 18,559,914
<b>GRAND TOTAL</b>	2008	\$ 35,380,796
	2007	\$ 53,202,528

# Alpine County

## Livestock

	Year	Number of Head	Total Live Weight	Unit	Value per Unit	Total Value
Cattle and Calves	2008	1820	27,646	cwt.**	\$ 85.80	\$ 2,372,027
Cattle and Calves	2007	2079	31,564	cwt.	\$ 90.28	\$ 2,849,598

\*\*cwt. = hundredweight = 100 pounds

## Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value
Hay, Tame	2008	8	16 Tons	\$ 135.00	\$ 2,160
	2007	8	16 Tons	\$ 121.00	\$ 1,936
Irrigated Pasture	2008	1,143	Acres	\$ 125.00	\$ 142,875
	2007	1,143	Acres	\$ 125.00	\$ 142,875
Rangeland (Dryland)	2008	133,000	Acres	\$ 12.00	\$ 1,596,000
	2007	133,000	Acres	\$ 13.00	\$ 1,729,000
<b>TOTAL HAY AND PASTURE</b>	2008				\$ 1,741,035
	2007				\$ 1,873,811

## El Dorado & Alpine Counties

### Pest Management and Eradication

Pest	Agent/Mechanism	Scope of Program
Canada thistle ( <i>Cirsium arvense</i> )	Chemical/Mechanical	Eradication
Diffuse knapweed ( <i>Centaurea diffusa</i> )	Chemical/Mechanical	Eradication
Gill's Mealybug ( <i>Ferrisia gilli</i> )	Chemical	Management
Hoary cress ( <i>Cardaria pubescens</i> )	Chemical/Mechanical	Eradication
Oblong spurge ( <i>Euphorbia oblongata</i> )	Chemical/Mechanical	Eradication
Purple loosestrife ( <i>Lythrum salicaria</i> )	Chemical/Mechanical	Eradication
Russian knapweed ( <i>Acroptilon repens</i> )	Chemical/Mechanical	Eradication
Skeletonweed ( <i>Chondrilla juncea</i> )	Chemical/Mechanical	Management
Spotted knapweed ( <i>Centaurea maculosa</i> )	Chemical/Mechanical	Eradication
Tall whitetop ( <i>Lepidium latifolium</i> )	Chemical/Mechanical	Eradication
Toadflax ssp. ( <i>Linaria genistifolia</i> )	Chemical/Mechanical	Eradication
Yellow starthistle ( <i>Centaurea solstitialis</i> )	Mechanical/Chemical/Bio-control	Management

# *Sustainable Agriculture Reporting for El Dorado and Alpine Counties*

<b>Pest Exclusion</b>
<i>Prevents the introduction of detrimental pests that are not of common occurrence in California. Over <b>1709 inspections at 444 locations</b> were made during 2008.</i>
<b>Pest Detection</b>
<i>Monitoring program to detect pests that may have entered El Dorado County despite pest exclusion efforts. Over <b>900 traps</b> were placed in 2008 in both rural and urban areas to detect various pests.</i>
<b>Pest Eradication</b>
<i>Includes chemical and mechanical treatments. Gill's Mealybug infestations were treated by the growers in cooperation with this Department during the 2008 growing season.</i>
<b>Pest Management</b>
<i><u>El Dorado County Noxious Weed Management Group:</u> Coordinates invasive weed control, education and eradication among federal, state, county and private agencies along the west slope, within the Lake Tahoe Basin and throughout Alpine County.</i>
<i><u>Glassy-winged Sharpshooter (GWSS) Pest Management Program:</u> Includes inspections of all nursery stock shipped into the county from known GWSS infested areas. Over <b>400 insect traps</b> have been deployed and monitored throughout the county.</i>
<i><u>Biological Control Program:</u> Releases insects and other organisms that act as natural enemies against noxious pests. Biocontrol projects include: Leaf beetle (<i>Chrysolina quadrigemina</i>) to <b>control Klamath Weed</b>. Seed weevil (<i>Eustenopus villosus</i>), the Peacock fly (<i>Chaetorellia australis</i>), the bud weevil (<i>Bangasternus orientalis</i>), the gall fly (<i>Urophora sirunaseva</i>), the flower weevil (<i>Larinus curtus</i>), the hairy weevil (<i>Eustenopus villosus</i>), and the rust fungus (<i>Puccinia jaceae</i> var. <i>solstitialis</i>) to <b>reduce the spread of Yellow Starthistle</b>. The El Dorado County Department of Agriculture monitors and relocates the organisms in cooperation with the California Department of Food and Agriculture.</i>
<i><u>Vertebrate Pest Management Program:</u> Assists growers and homeowners in the control of destructive vertebrate pests (i.e., mice, rats, etc.).</i>
<i><u>Wildlife Management Program:</u> Provides management of wildlife that are deprecating livestock, property and/or presenting a hazard to public health and safety in El Dorado and Alpine County.</i>
<b>Pesticide Monitoring</b>
<i>Monitoring program to protect public health, property, the environment and agricultural workers. This program is conducted in partnership with the California Department of Pesticide Regulation.</i>

## Commodity Evaluation and Marketing Programs

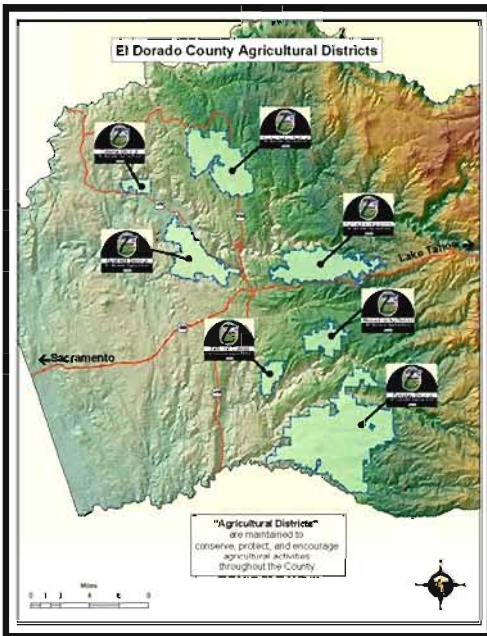
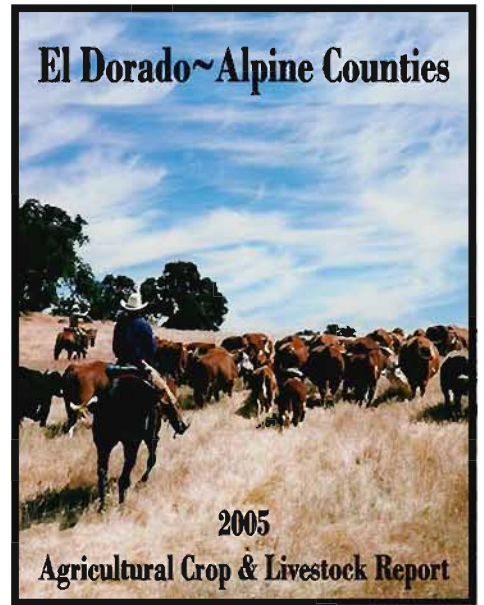
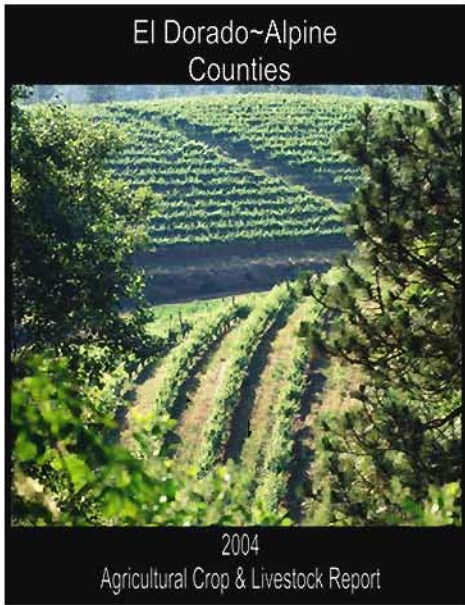
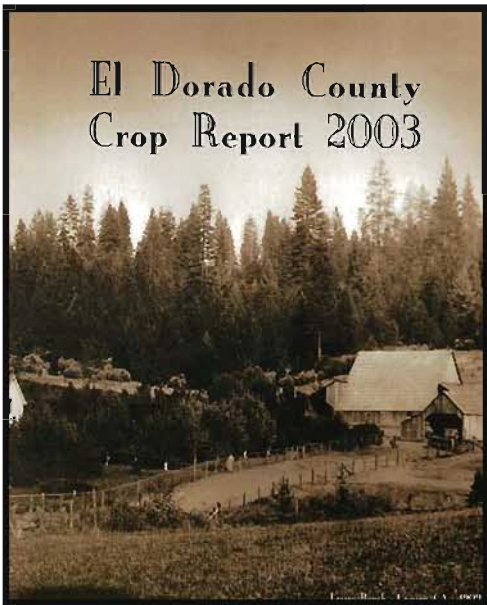
**Certified Farmer's Market Program:** *Allows farmers to market directly to consumers at area Certified Farmer's Markets. Grower inspections are conducted by the Department to validate the registration. There were **56 growers** registered as certified growers with production areas within the county.*

**Organic Program:** *Includes registration by growers in order to market farm products as organically grown. Grower inspections are conducted by the Department to validate the registration. In 2008, **18 growers** were registered as organic, **representing 180 acres** under production.*

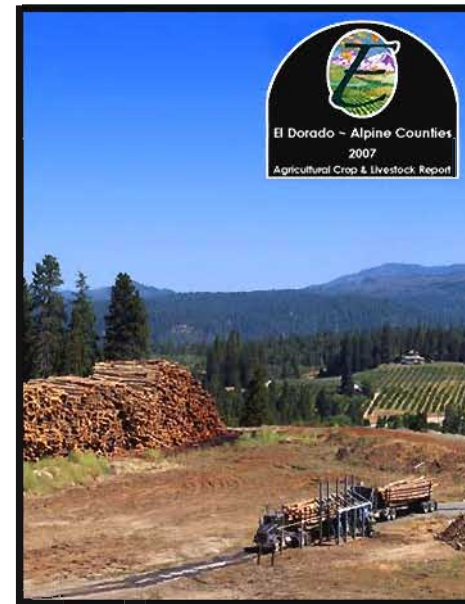
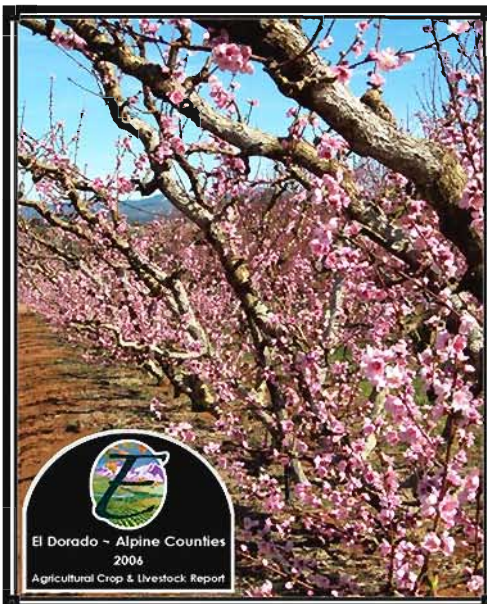
**Standardization Program:** *Protects consumers and the fresh fruit, nut and vegetable industry from distribution of substandard products. Standardization laws establish minimum specifications for maturity, quality and size of commodities (i.e., apples, pears) plus standard container pack and labeling. Quality Control inspections are also conducted on nursery stock, eggs and seeds.*







# El Dorado~Alpine Counties 2009 Agricultural Crop & Livestock Report





## DEPARTMENT OF AGRICULTURE WEIGHTS AND MEASURES

**William J. Stephans**  
Agricultural Commissioner  
Sealer of Weights and Measures

311 Fair Lane  
Placerville, CA 95667  
(530) 621-5520  
(530) 626-4756 FAX  
eldcag@co.el-dorado.ca.us

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

### BOARD OF SUPERVISORS

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Norma Santiago	District 5	Tom Sweeney	District 5

In accordance with Section 2279 of the California Food and Agricultural Code, I hereby submit the 2009 El Dorado & Alpine Counties Crop Report.


The El Dorado County gross crop value for 2009 was \$37.4 million which is an overall increase of approximately 5.7% from the 2008 values. Fruit and Nut Crops increased 38.5% while timber values continued their steep decline of 69.8% from the prior year.

The monetary values in this report are F.O.B. (Freight on Board) and do not reflect net returns or profits realized by the growers. It is estimated the impact of agriculture on El Dorado County's economy totaled approximately \$383 million in 2009 of which the wine industry contributed an estimated \$175 million while Apple Hill added another \$112 million.

The Alpine County gross crop value for 2009 was \$4.7 million which is a 13.7% increase from the 2008 value.

I wish to express my sincere appreciation to the many individuals and organizations that have contributed information to make this report possible.

Respectfully Submitted,

  
WILLIAM J. STEPHANS  
Agricultural Commissioner  
Sealer of Weights and Measures

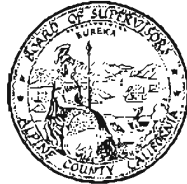
THIS 2009 CROP REPORT IS DEDICATED TO  
**BILL STEPHANS**  
FOR HIS SERVICE TO EL DORADO COUNTY  
AS **AGRICULTURAL COMMISSIONER,**  
**SEALER OF WEIGHTS AND MEASURES**  
FROM OCTOBER OF 2003 THROUGH DECEMBER OF 2009.  
HIS DEVOTION TO THE IMPLEMENTATION OF PROGRAMS  
THAT PROMOTE, PRESERVE, AND PROTECT AGRICULTURE,  
IN EL DORADO COUNTY, HAS LED TO ACHIEVEMENTS THAT  
WILL CONTINUE TO SERVE THIS COUNTY WELL INTO THE FUTURE.  
IN HIS ROLE, AS SEALER OF WEIGHTS AND MEASURES  
HIS PASSION FOR ENSURING  
FAIR COMPETITION FOR INDUSTRY AND  
ACCURATE VALUE COMPARISON FOR CONSUMERS HAS LED TO  
MANY ADVANCEMENTS IN THE FAIR  
ENFORCEMENT OF LOCAL AND STATE LAWS.

HAPPY TRAILS!



# 2009 Crop Report

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### DEPARTMENTAL STAFF

**WILLIAM J. STEPHANS**  
*Agricultural Commissioner*  
*Sealer of Weights and Measures*

**CHARLENE CARVETH**  
*Deputy Agricultural Commissioner*  
*Deputy Sealer of Weights and Measures*

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JOHN CHANDLER

#### Seasonal Ag. Technician

MIKE DENTON  
JOHN GRAHAM

#### Administrative Staff

NANCY APPLEGARTH  
DEANNA TOMPKINS  
MYRNA TOW

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*El Dorado County*

*Fruit and Nut Crops*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>PEARS</b>							
Bartlet/Bosc	2009	89	6.16	548	Tons	\$ 1,600	\$ 876,800
	2008	84	5.58	469.05	Tons	\$ 1,442	\$ 676,382
Asian	2009	41	9.80	402	Tons	\$ 2,660	\$ 1,069,320
	2008	41	10.15	416	Tons	\$ 3,420	\$ 1,422,720
<b>TOTAL PEARS</b>	2009	130					\$ 1,946,120
	2008	125					\$ 2,099,102

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>APPLES</b>							
Fresh	2009			5,177	Tons	\$ 1,860	\$ 9,629,220
	2008			3,765	Tons	\$ 1,360	\$ 5,120,400
Cannery/Apple Hill Products*	2009			3,044	Tons		\$ 578,360
	2008			2,200	Tons		\$ 418,000
Juice/Cider	2009			70,600	Gallons		\$ 486,434
	2008			44,566	Gallons		\$ 307,060
<b>TOTAL APPLES</b>	2009	845					\$ 10,694,014
	2008	845					\$ 5,845,460

\* Includes all "Enhanced Agricultural Products" such as fruit/nut pies and jams

*El Dorado County*

*Fruit and Nut Crops (continued)*

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Ave. Value per Unit**	Total Value
<b>WINE GRAPES</b>							
Bearing	2009	1760	2.93	5,165	Tons	\$ 1,267	\$ 5,885,447
	2008	1901	2.20	4,182	Tons	\$ 1,265	\$ 5,229,088
Non-Bearing	2009	247	Total Acreage* = 2007				
	2008	319					

\* 2009 acreage numbers reflect actual responses by the agricultural community to information requested on the Wine Grape Survey.

\*\* Reflects the average price of all wine grape varieties

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
Cherries	2009	36	0.11	4	Tons	\$ 5,660	\$ 22,640
	2008	50	0.22	11	Tons	\$ 5,580	\$ 61,380
Peaches	2009	105	1.56	164	Tons	\$ 2,540	\$ 416,560
	2008	105	1.34	141	Tons	\$ 2,740	\$ 386,340
Plums	2009	52	1.56	81	Tons	\$ 2,160	\$ 174,960
	2008	52	1.60	83	Tons	\$ 2,000	\$ 166,000
Walnuts	2009	145	0.20	29	Tons	\$ 1,780	\$ 51,620
	2008	145	0.33	48	Tons	\$ 1,360	\$ 65,280
Olives	2009	52	0.27	14	Tons	\$ 3,620	\$ 50,680
	2008	33	0.29	10	Tons	\$ 3,800	\$ 38,000

Totals	Year	Total Acreage	Total Value
FRUIT & NUT CROPS	2009	3372	\$ 19,242,041
	2008	3575	\$ 13,891,569
MINOR & MISC. CROPS*	2009		\$ 722,333
	2008		\$ 561,000

\*Minor and Miscellaneous includes: Truck Gardens, Berries, Nectarines, Citrus, Chestnuts, Avocados, Pumpkins, Tomatoes and Persimmons

# El Dorado County

## Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Average Unit Value	Total Value
Cattle and Calves	2009	6122	61,560	cwt.**	\$ 80.00	\$ 4,924,800
	2008	6146	63,304	cwt.	\$ 85.80	\$ 5,431,483
Goats and Kids***	2009	2746		per head	\$ 210.00	\$ 576,660
	2008	2500		per head	\$ 210.00	\$ 525,000
Misc.*	2009					\$ 1,280,093
	2008					\$ 1,254,770
TOTAL LIVESTOCK	2009					\$ 6,781,553
	2008					\$ 7,211,253

\*Misc. Includes: Turkeys, Ducks, Geese, Chickens, Hatching Eggs, Llamas, Alpacas, Hogs/Pigs, Sheep, Emu, Ostrich and Wool/By-products

\*\*cwt. = hundredweight = 100 pounds

\*\*\*Goats and Kids represents - Meat, Dairy, Show and By-products

## Apiary Products

	Year	Units	Total Value
Apiary Products	2009	4000 colonies	\$ 720,000
	2008	4000 colonies	\$ 650,000

Includes: Honey, Bees Wax, Pollen and Pollination

## Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value	
Hay, Tame	2009	216	281	Tons	\$ 135.00	\$ 37,935
	2008	216	281	Tons	\$ 135.00	\$ 37,935
Irrigated Pasture	2009	927		Acres	\$ 142.00	\$ 131,634
	2008	927		Acres	\$ 142.00	\$ 131,634
Rangeland (Dryland)	2009	233,000		Acres	\$ 18.00	\$ 4,194,000
	2008	233,000		Acres	\$ 12.00	\$ 2,796,000
TOTAL HAY AND PASTURE	2009					\$ 4,363,569
	2008					\$ 2,965,569



## *El Dorado County*

### *Nursery Products*

<b>Crop</b>	<b>Year</b>	<b>Acreage</b>	<b>Value</b>
<b>TOTAL NURSERY</b>	2009	35	\$ 1,558,744
	2008	40	\$ 1,560,001

### *Christmas Trees*

	<b>Year</b>	<b>Production</b>	<b>Unit</b>	<b>Unit</b>	<b>Value</b>
<b>Wholesale</b>	2009	7,302	Each	\$ 23.12	\$ 168,822
	2008	8,412	Each	\$ 25.00	\$ 210,300
<b>Choose and Cut</b>	2009	47,838	Each	\$ 41.97	\$ 2,007,761
	2008	54,701	Each	\$ 42.23	\$ 2,310,023
<b>TOTAL CHRISTMAS TREES</b>	2009				\$ 2,176,583
	2008				\$ 2,520,323

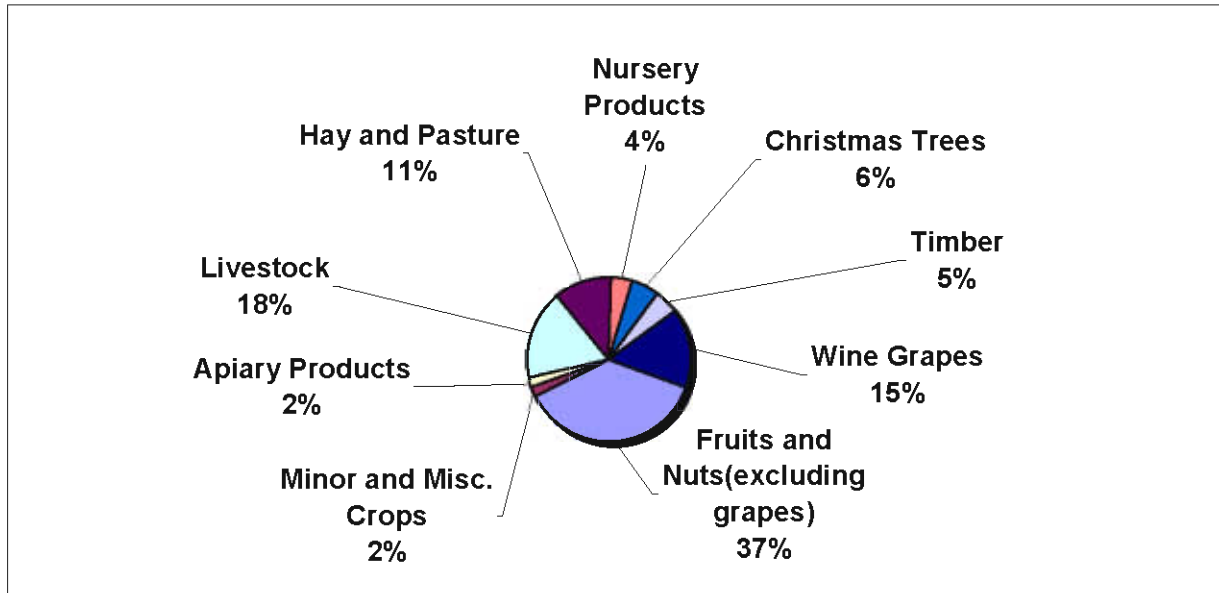
### *Timber Harvested and By-Products*

	<b>Year</b>	<b>Production</b>	<b>Unit</b>	<b>Value</b>
<b>Private and Public Forest</b>	2009	20,181	MBF*	\$ 1,775,776
	2008	44,726	MBF	\$ 5,963,675
<b>Wood Sales and Permits</b>	2009	2,075	MBF	\$ 41,500
	2008	2,443	MBF	\$ 57,406
<b>TOTAL TIMBER</b>	2009	22,256		\$ 1,817,276
	2008	47,169		\$ 6,021,081

\*MBF = million board feet

# El Dorado County

## Agricultural Commodities of El Dorado County



### Total Values For All Categories

Crop	Year	Value
Fruit and Nut	2009	\$ 19,242,041
	2008	\$ 13,891,569
Minor and Misc. Crops	2009	\$ 722,333
	2008	\$ 561,000
Apiary Products	2009	\$ 720,000
	2008	\$ 650,000
Livestock	2009	\$ 6,781,553
	2008	\$ 7,211,253
Hay and Pasture	2009	\$ 4,363,569
	2008	\$ 2,965,569
Nursery Products	2009	\$ 1,558,744
	2008	\$ 1,560,001
Christmas Trees	2009	\$ 2,176,583
	2008	\$ 2,520,323
Timber	2009	\$ 1,817,276
	2008	\$ 6,021,081
GRAND TOTAL	2009	\$ 37,382,099
	2008	\$ 35,380,796

# Alpine County

## Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Value per Unit	Total Value
Cattle and Calves	2009	1750	25,723	cwt.**	\$ 80.00	\$ 2,057,840
Cattle and Calves	2008	1820	27,646	cwt.	\$ 85.80	\$ 2,372,027

\*\*cwt. = hundredweight = 100 pounds

## Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value	
Hay, Tame *	2009	122	300	Tons	\$ 135.00	\$ 40,500
	2008	8	16	Tons	\$ 135.00	\$ 2,160
Irrigated Pasture	2009	1,500		Acres	\$ 125.00	\$ 187,500
	2008	1,143		Acres	\$ 125.00	\$ 142,875
Rangeland (Dryland)	2009	133,000		Acres	\$ 18.00	\$ 2,394,000
	2008	133,000		Acres	\$ 12.00	\$ 1,596,000
TOTAL HAY AND PASTURE	2009					\$ 2,622,000
	2008					\$ 1,741,035

\*Increase due to more accurate gathering of information

## El Dorado & Alpine Counties

### Pest Management and Eradication

Pest	Agent/Mechanism	Scope of Program
Canada thistle ( <i>Cirsium arvense</i> )	Chemical/Mechanical	Eradication
Diffuse knapweed ( <i>Centaurea diffusa</i> )	Chemical/Mechanical	Eradication
Gill's Mealybug ( <i>Ferrisia gilli</i> )	Chemical	Management
Hoary cress ( <i>Cardaria pubescens</i> )	Chemical/Mechanical	Eradication
Oblong spurge ( <i>Euphorbia oblongata</i> )	Chemical/Mechanical	Eradication
Purple loosestrife ( <i>Lythrum salicaria</i> )	Chemical/Mechanical	Eradication
Russian knapweed ( <i>Acroptilon repens</i> )	Chemical/Mechanical	Eradication
Skeletonweed ( <i>Chondrilla juncea</i> )	Chemical/Mechanical	Management
Spotted knapweed ( <i>Centaurea maculosa</i> )	Chemical/Mechanical	Eradication
Tall whitetop ( <i>Lepidium latifolium</i> )	Chemical/Mechanical	Eradication
Toadflax ssp. ( <i>Linaria genistifolia</i> )	Chemical/Mechanical	Eradication
Yellow starthistle ( <i>Centaurea solstitialis</i> )	Mechanical/Chemical/Bio-control	Management

# *Sustainable Agriculture Reporting for El Dorado and Alpine Counties*

<b>Pest Exclusion</b>
<i>Prevents the introduction of detrimental pests that are not of common occurrence in California. Over <b>1121 inspections at 414 locations</b> were made during 2009.</i>
<b>Pest Detection</b>
<i>Monitoring program to detect pests that may have entered El Dorado County despite pest exclusion efforts. Over <b>900 traps</b> were placed in 2009 in both rural and urban areas to detect various pests.</i>
<b>Pest Eradication</b>
<i>Includes chemical and mechanical treatments. Gill's Mealybug infestations were treated by the growers in cooperation with this Department during the 2009 growing season.</i>
<b>Pest Management</b>
<i><u>El Dorado County Noxious Weed Management Group</u>: Coordinates invasive weed control, education and eradication among federal, state, county and private agencies along the west slope, within the Lake Tahoe Basin and throughout Alpine County.</i>
<i><u>Glassy-winged Sharpshooter (GWSS) Pest Management Program</u>: Includes inspections of all nursery stock shipped into the county from known GWSS infested areas. Over <b>400 insect traps</b> have been deployed and monitored throughout the county.</i>
<i><u>Biological Control Program</u>: Releases insects and other organisms that act as natural enemies against noxious pests. Biocontrol projects include: Leaf beetle (<i>Chrysolina quadrigemina</i>) to <b>control Klamath Weed</b>. Seed weevil (<i>Eustenopus villosus</i>), the Peacock fly (<i>Chaetorellia australis</i>), the bud weevil (<i>Bangasternus orientalis</i>), the gall fly (<i>Urophora sirunaseva</i>), the flower weevil (<i>Larinus curtus</i>), the hairy weevil (<i>Eustenopus villosus</i>), and the rust fungus (<i>Puccinia jaceae</i> var. <i>solstitialis</i>) to <b>reduce the spread of Yellow Starthistle</b>. The El Dorado County Department of Agriculture monitors and relocates the organisms in cooperation with the California Department of Food and Agriculture.</i>
<i><u>Vertebrate Pest Management Program</u>: Assists growers and homeowners in the control of destructive vertebrate pests (i.e., mice, rats, etc.).</i>
<i><u>Wildlife Management Program</u>: Provides management of wildlife that are deprecating livestock, property and/or presenting a hazard to public health and safety in El Dorado and Alpine County.</i>
<b>Pesticide Monitoring</b>
<i>Monitoring program to protect public health, property, the environment and agricultural workers. This program is conducted in partnership with the California Department of Pesticide Regulation.</i>

## Commodity Evaluation and Marketing Programs

Certified Farmer's Market Program: *Allows farmers to market directly to consumers at area Certified Farmer's Markets. Grower inspections are conducted by the Department to validate the registration.* There were **76 growers** registered as certified growers with production areas within the county.

Organic Program: *Includes registration by growers in order to market farm products as organically grown. Grower inspections are conducted by the Department to validate the registration.* In 2009, **21 growers** were registered as organic, **representing 177 acres** under production.

Standardization Program: *Protects consumers and the fresh fruit, nut and vegetable industry from distribution of substandard products.* Standardization laws establish minimum specifications for maturity, quality and size of commodities (i.e., apples, pears) plus standard container pack and labeling. Quality Control inspections are also conducted on nursery stock, eggs and seeds.

