



El Dorado ~ Alpine Counties  
2010

Agricultural Crop & Livestock Report



Photo Credit: Cattle drive off Moniter Pass in Alpine County. Photo taken by LeeAnne Mila



# The County of El Dorado

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In accordance with Section 2279 of the California Food and Agricultural Code, I hereby submit the 2010 El Dorado & Alpine Counties Crop Report.

The El Dorado County gross crop value for 2010 was 35 million, which is an overall decrease of 6.7% from the 2009 values. The decline was due mainly to weather related damage and a continued decrease in timber harvesting. Specifically fruit and nut crops decreased 16% due totally to weather damage and lower harvests. Timber harvesting continued to decline represented by a 31% decrease from 2009. Timber harvest has declined by 93% since 2007. Other commodities showed an increase in 2010 which helped soften the impact to our county.

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 \$360 million in 2010 of which the wine industry contributed an estimated \$158 million while Apple Hill added another \$108 million.

The Alpine County gross crop value for 2010 was estimated to be \$5.05 million which is an 8% increase from the 2009 value. The increase is due to increases in cattle, calves, hay and pasture which all benefitted from the weather in 2010.

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

Respectfully Submitted,

Juli D. Jensen  
Agricultural Commissioner  
Sealer of Weights and Measures

# 2010 Crop Report

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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	2010	89	3.23	287	Tons	\$ 1,820	\$ 523,195
	2009	89	6.16	548	Tons	\$ 1,600	\$ 876,800
Asian	2010	41	5.25	215	Tons	\$ 2,460	\$ 529,515
	2009	41	9.80	402	Tons	\$ 2,660	\$ 1,069,320
<b>TOTAL PEARS</b>	2010	130					\$ 1,052,710
	2009	130					\$ 2,099,102

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
<b>APPLES</b>							
Fresh	2010			4,992	Tons	\$ 1,632	\$ 8,146,944
	2009			5,177	Tons	\$ 1,860	\$ 9,629,220
Cannery/Apple Hill Products*	2010			2,995	Tons		\$ 568,995
	2009			3,044	Tons		\$ 578,360
Juice/Cider	2010			71,200	Gallons		\$ 495,263
	2009			70,600	Gallons		\$ 486,434
<b>TOTAL APPLES</b>	2010	845					\$ 9,211,202
	2009	845					\$ 10,694,014

\* 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	2010	1946	2.40	4,668	Tons	\$ 1,279	\$ 4,898,612
	2009	1760	2.93	5,165	Tons	\$ 1,267	\$ 5,885,447
Non-Bearing	2010	261	Total Acreage* = 2207				
	2009	247					

\* 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	2010	30	0.43	13	Tons	\$ 5,520	\$ 71,760
	2009	36	0.11	4	Tons	\$ 5,660	\$ 22,640
Peaches	2010	105	2.00	210	Tons	\$ 3,320	\$ 697,200
	2009	105	1.56	164	Tons	\$ 2,540	\$ 416,560
Plums	2010	52	1.11	58	Tons	\$ 3,040	\$ 175,469
	2009	52	1.56	81	Tons	\$ 2,160	\$ 174,960
Walnuts	2010	145	0.35	51	Tons	\$ 3,240	\$ 164,430
	2009	145	0.20	29	Tons	\$ 1,780	\$ 51,620
Olives	2010	54	0.26	14	Tons	\$ 4,806	\$ 68,245
	2009	52	0.27	14	Tons	\$ 3,620	\$ 50,680




Totals	Year	Total Acreage	Total Value
FRUIT & NUT CROPS	2010	3568	\$ 16,339,628
	2009	3372	\$ 19,395,023
MINOR & MISC. CROPS*	2010		\$ 689,256
	2009		\$ 722,333

\*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	2010	6078	61,084	cwt.**	\$ 93.40	\$ 5,705,246
	2009	6122	61,560	cwt.	\$ 80.00	\$ 4,924,800
Goats and Kids***	2010	2802		per head	\$ 225.00	\$ 630,450
	2009	2746		per head	\$ 210.00	\$ 576,660
Misc.*	2010					\$ 1,279,256
	2009					\$ 1,280,093
TOTAL LIVESTOCK	2010					\$ 7,614,952
	2009					\$ 6,781,553

\*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	2010	4000 colonies	\$ 745,000
	2009	4000 colonies	\$ 720,000

Includes: Honey, Bees Wax, Pollen and Pollination

## Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value
Hay, Tame	2010	216	286	Tons \$ 135.00	\$ 38,610
	2009	216	281	Tons \$ 135.00	\$ 37,935
Irrigated Pasture	2010	927		Acres \$ 142.00	\$ 131,634
	2009	927		Acres \$ 142.00	\$ 131,634
Rangeland (Dryland)	2010	233,000		Acres \$ 18.00	\$ 4,194,000
	2009	233,000		Acres \$ 18.00	\$ 4,194,000
TOTAL HAY AND PASTURE	2010				\$ 4,364,244
	2009				\$ 4,363,569



*El Dorado County*

*Nursery Products*

Crop	Year	Acreage	Value
TOTAL NURSERY	2010	38	\$ 1,780,125
	2009	35	\$ 1,558,744

*Christmas Trees*

	Year	Production	Unit	Unit	Value
Wholesale	2010	6,350	Each	\$ 26.50	\$ 168,275
	2009	7,302	Each	\$ 23.12	\$ 168,822
Choose and Cut	2010	41,189	Each	\$ 49.78	\$ 2,050,388
	2009	47,838	Each	\$ 41.97	\$ 2,007,761
TOTAL CHRISTMAS TREES	2010				\$ 2,218,663
	2009				\$ 2,176,583

*Timber Harvested and By-Products*

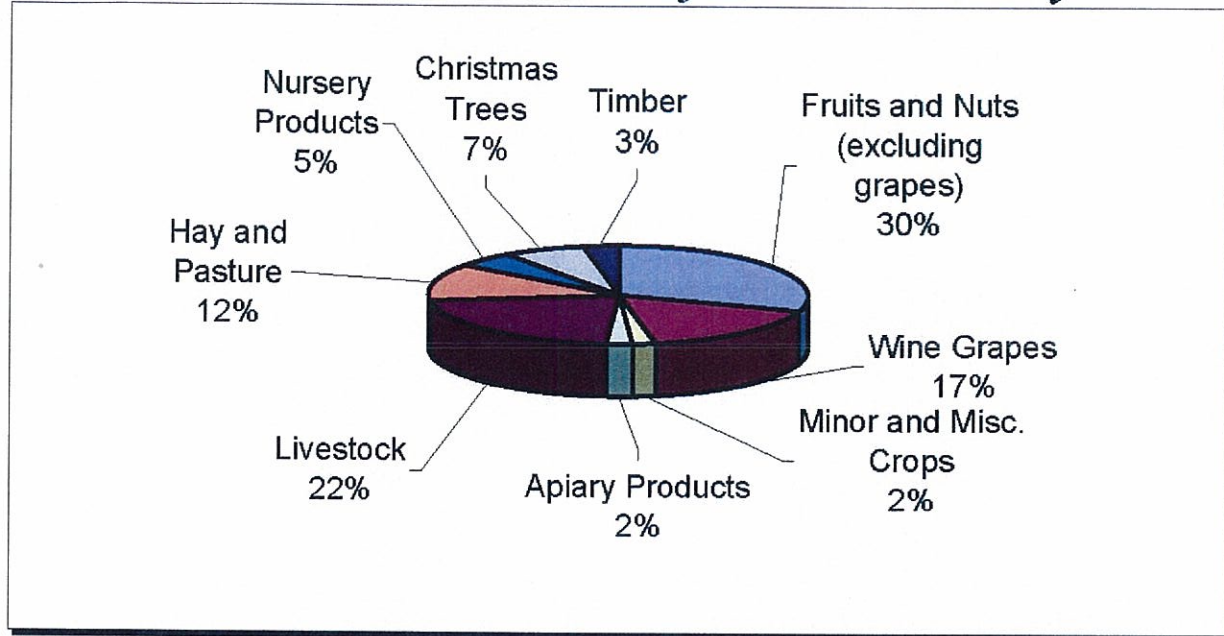
	Year	Production	Unit	Value
Private and Public Forest	2010	19,832	MBF*	\$ 1,201,507
	2009	20,181	MBF	\$ 1,775,776
Wood Sales and Permits	2010	2,008	MBF	\$ 41,950
	2009	2,075	MBF	\$ 41,500
TOTAL TIMBER	2010	21,840		\$ 1,243,457
	2009	22,256		\$ 1,817,276

\*MBF = million board feet



# El Dorado County

## Agricultural Commodities of El Dorado County



## Total Values For All Categories

Crop	Year	Value
Fruit and Nut	2010	\$ 16,339,628
	2009	\$ 19,395,023
Minor and Misc. Crops	2010	\$ 689,256
	2009	\$ 722,333
Apiary Products	2010	\$ 745,000
	2009	\$ 720,000
Livestock	2010	\$ 7,614,952
	2010	\$ 6,781,553
Hay and Pasture	2010	\$ 4,364,244
	2009	\$ 4,363,569
Nursery Products	2010	\$ 1,780,125
	2009	\$ 1,558,744
Christmas Trees	2010	\$ 2,218,663
	2009	\$ 2,176,583
Timber	2010	\$ 1,243,457
	2009	\$ 1,817,276
GRAND TOTAL	2010	\$ 34,995,325
	2009	\$ 37,535,081

# Alpine County

## Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Value per Unit	Total Value
Cattle and Calves	2010	1765	25,927	cwt.**	\$ 93.40	\$ 2,421,582
Cattle and Calves	2009	1750	25,723	cwt.	\$ 80.00	\$ 2,057,840

\*\*cwt. = hundredweight = 100 pounds

## Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value
Hay, Tame *	2010	122	326 Tons	\$ 135.00	\$ 44,010
	2009	122	300 Tons	\$ 135.00	\$ 40,500
Irrigated Pasture	2010	1,500	Acres	\$ 125.00	\$ 187,500
	2009	1,500	Acres	\$ 125.00	\$ 187,500
Rangeland (Dryland)	2010	133,000	Acres	\$ 18.00	\$ 2,394,000
	2009	133,000	Acres	\$ 18.00	\$ 2,394,000
TOTAL HAY AND PASTURE	2010				\$ 2,625,510
	2009				\$ 2,622,000

\*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
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 319 inspections at 696 locations were made during 2010.</i>
<b>Pest Detection</b>
<i>Monitoring program to detect pests that may have entered El Dorado County despite pest exclusion efforts. Over 900 traps were placed in 2010 in both rural and urban areas to detect various pests.</i>
<b>Pest Eradication</b>
<i>El Dorado County Noxious Weed Management Group: 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>
<b>Pest Management</b>
<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 400 insect traps 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. Established biocontrol projects include: Leaf beetle (<i>Chrysolina quadrigemina</i>) to control Klamath Weed. 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>Larimus curtus</i>), the hairy weevil (<i>Eustenopus villosus</i>), and the rust fungus (<i>Puccinia jaceae</i> var. <i>solstitialis</i>) to reduce the spread of Yellow Starthistle. 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 **84 growers** registered as certified growers, representing approximately an 11% increase from 2009.*

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 2010, **22 growers** were registered as organic, **representing 207 acres** under production. In 2010 there was an 17% increase in organic acreage in 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.*

