

El Dorado ~ Alpine Counties
2006
Agricultural Crop & Livestock Report



DEPARTMENT OF AGRICULTURE WEIGHTS AND MEASURES

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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.

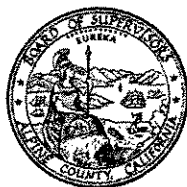
I wish to express my appreciation to the many individuals and organizations that contributed information to make this report possible.

Respectfully Submitted,

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2006 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
PEARS							
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
Total Bartlet	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
TOTAL PEARS	2006	125					\$ 490,600
	2005	83					\$ 139,495

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
APPLES							
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
TOTAL APPLES	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
WINE GRAPES					
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
FRUIT & NUT CROPS	2006	3494	\$ 11,663,565
	2005	3568	\$ 9,271,455
MINOR & MISC. CROPS*	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

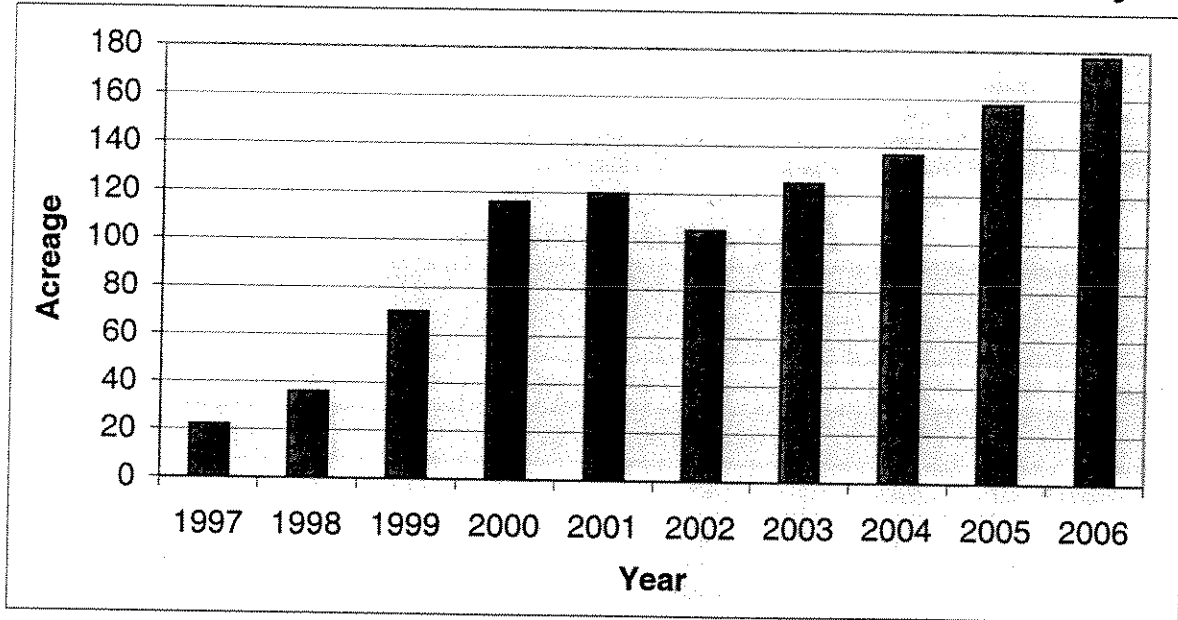
	Year	Production	Unit	Unit	Value
Wholesale	2006	10,568	Each	\$ 25.37	\$ 268,110
	2005	10,980	Each	\$ 21.13	\$ 232,007
Choose and Cut	2006	68,720	Each	\$ 44.38	\$ 3,049,794
	2005	67,600	Each	\$ 42.90	\$ 2,900,040
TOTAL CHRISTMAS TREES	2006				\$ 3,317,904
	2005				\$ 3,132,047

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	\$ 24,572
	2005	2,045	MBF	\$ 23,195
TOTAL TIMBER	2006	287,976		\$ 29,443,403
	2005	92,064		\$ 16,821,036

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

Pest Exclusion

*Prevents the introduction of detrimental pests that are not of common occurrence in California. Over **1152 inspections at 423 locations** were made during 2006.*

Pest Detection

*Monitoring program to detect pests that may have entered El Dorado County despite pest exclusion efforts. Over **900 traps** were placed in 2006 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 2006 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 **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 ↑