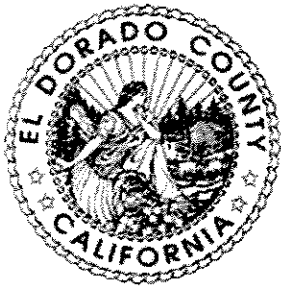


El Dorado~Alpine Counties



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

BOARD OF SUPERVISORS

<u>EL DORADO COUNTY</u>		<u>ALPINE COUNTY</u>	
Rusty Dupray	District 1	Donald M. Jardine, Chair	District 1
Helen Baumann	District 2	Henry "Skip" Veatch	District 2
James (Jack) R. Sweeney	District 3	Philip D. Bennett	District 3
Charlie Paine, Chair	District 4	Terry Woodrow	District 4
David Solaro, Vice Chair	District 5	Gunter E. Kaiser, Vice Chair	District 5

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.

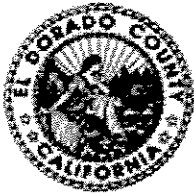
Respectfully Submitted,


WILLIAM J. STEPHANS
Agricultural Commissioner/Sealer

El Dorado & Alpine Counties

2004 Crop Report

TABLE OF CONTENTS



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
- LEE ANNE MILA
- GRETA SHUTLER
- KIRK T. TAYLOR
- WENDY WEST

Administrative Staff

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

EL DORADO COUNTY

Page

Fruit and Nut Crops 1

Livestock..... 3

Apiary Products 3

Hay and Pasture 3

Nursery Products 4

Christmas Trees 4

Timber Harvested & By-Products.. 4

Top Ten Wine Grape Varietals..... 5

Total Values for All Categories..... 5

Pest Management & Eradication 6

Sustainable Agriculture Report 7

ALPINE COUNTY

Livestock..... 6

Hay and Pasture 6

Pest Management & Eradication 6

Sustainable Agriculture Report 7

El Dorado County

Fruit and Nut Crops

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value per Unit	Total Value
PEARS							
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
Total Bartlet	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
TOTAL PEARS	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
APPLES							
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
TOTAL APPLES	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
WINE GRAPES							
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	\$ 121,000
	2003	104	0.31	32	Tons	\$ 3,200	\$ 102,400
Peaches	2004	102	4.50	459	Tons	\$ 2,200	\$ 1,009,800
	2003	102	1.60	163	Tons	\$ 2,300	\$ 374,900
Plums	2004	57	4.14	236	Tons	\$ 1,378	\$ 325,208
	2003	57	1.54	88	Tons	\$ 1,235	\$ 108,680
Walnuts	2004	249	0.41	103	Tons	\$ 998	\$ 102,840
	2003	249	0.62	154	Tons	\$ 920	\$ 142,030

Totals	Year	Total Acreage	Production Per Acre	Total Production	Unit	Total Value Per Unit	Total Value
FRUIT & NUT CROPS	2004	3771	2.62	13,577	Tons	\$ 994	\$ 10,756,866
	2003	3371	4.07	13,735	Tons	\$ 715	\$ 9,822,540
MINOR & MISC. CROPS*	2004						\$ 341,200
	2003						\$ 339,500

*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	\$ 2,064,895
	2003	45	\$ 2,054,800

Christmas Trees

	Year	Production	Unit	Unit	Value
Wholesale	2004	11,210	Each	\$ 20.25	\$ 227,003
	2003	10,750	Each	\$ 18.75	\$ 201,560
Choose and Cut	2004	67,800	Each	\$ 41.90	\$ 2,840,820
	2003	70,010	Each	\$ 39.90	\$ 2,793,400
TOTAL CHRISTMAS TREES	2004	79,010	Each	\$ 35.04	\$ 3,067,823
	2003	80,760	Each	\$ 37.08	\$ 2,994,960

Timber Harvested and By-Products

	Year	Production	Unit	Value
Private and Public Forest	2004	100,798	MBF	\$ 23,332,623
	2003	113,400	MBF	\$ 19,936,450
Wood Sales and Permits	2004	2,389	MBF	\$ 24,990
	2003	2,340	MBF	\$ 24,100
TOTAL TIMBER	2004	100,796		\$ 23,332,623
	2003			\$ 19,960,550

El Dorado County

Top Ten Wine Grape Varietals

Rank	Variety	2004 Value	2003 Ranking
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

Crop	Year	Value
Fruit and Nut	2004	\$ 10,756,866
	2003	\$ 9,822,540
Minor and Misc. Crops	2004	\$ 341,200
	2003	\$ 339,500
Apiary Products	2004	\$ 65,400
	2003	\$ 418,000
Livestock	2004	\$ 6,438,101
	2003	\$ 3,944,900
Hay and Pasture	2004	\$ 3,139,380
	2003	\$ 3,123,000
Nursery Products	2004	\$ 2,064,895
	2003	\$ 2,054,800
Christmas Trees	2004	\$ 3,067,823
	2003	\$ 2,994,960
Timber	2004	\$ 23,332,623
	2003	\$ 19,960,550
GRAND TOTAL	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	\$ 2,557,800

**cwt. = hundredweight = 100 pounds

Hay and Pasture

Crop	Year	Acres	Units	Value Per Unit	Total Value
Hay, Tame	2004	7	14 Tons	\$ 115.00	\$ 1,610
Irrigated Pasture	2004	940	Acres	\$ 125.00	\$ 117,500
Rangeland (Dryland)	2004	130,000	Acres	\$ 12.00	\$ 1,560,000
TOTAL HAY AND PASTURE	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</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.*