



El Dorado County  
2001 Crop Report



## DEPARTMENT OF AGRICULTURE WEIGHTS AND MEASURES

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In accordance with Section 2279 of the California Agricultural Code, I hereby submit the 2001 El Dorado County Crop Report.

The El Dorado County gross crop value for 2001 was \$49.2 million, a 6% decrease from 2000 values. The decline was due to a 16% decrease in timber sales to \$23.7 million. This figure represented the lowest annual timber value in over 11 years.

Other agricultural production, excluding timber value, actually increased 6% in 2001 when compared to the 2000 figures. Commodities posting an increase included: wine grapes up 7%, due to an increase in the price per ton; apples up 29%, following a rebound after two years of poor spring growing conditions and Christmas trees up 3%, with demand exceeding supply at most local farms. Livestock value also increase (up 7%) due to cattle prices remaining strong.

It is estimated that the impact of agriculture on El Dorado County's economy totaled approximately \$380 million in 2001. Of that, the wine industry had an estimated \$145 million effect on the economy and Apple Hill had an \$84 million impact.

The monetary value records in this report are F.O.B. (Freight on Board) and do not reflect net returns or profits realized by growers. Neither do they reflect the total economic impact of agricultural byproducts produced (such as wines, apple pies, cider, etc.), tourism, nor the standard economic multiplying factor.

This report was compiled by Wendy West, Agricultural Biologist/Standards Inspector. I wish to express my appreciation to the many individuals and organizations that contributed information to make this report possible.

Bill Snodgrass  
Agricultural Commissioner/Sealer

**El Dorado County**

# **2001 Crop Report**

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Cover Photo – Carolyn Fox

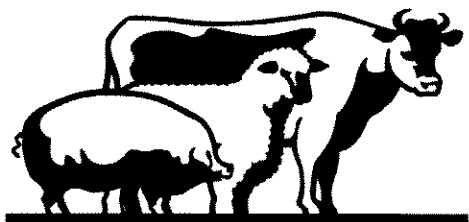




# Fruit and Nut Crops

Crop	Year	Acreage	Per Acre	Total Production	Unit	Value per Unit	Total Value	
<b>Pears-Bartlett</b>								
Fresh	2001			292	Tons	\$ 600	\$ 175,200	
	2000			513	Tons	\$ 560	\$ 287,300	
Cannery	2001			438	Tons	\$ 178	\$ 78,000	
	2000			914	Tons	\$ 196	\$ 179,100	
Juice	2001			730	Tons	\$ 10	\$ 7,300	
	2000			803	Tons	\$ 10	\$ 8,000	
<b>Total</b>	2001	355	4.10	1460	Tons	\$ 178	\$ 260,500	
<b>Bartlett</b>	2000	385	5.80	2230	Tons	\$ 213	\$ 474,700	
<b>Bosc/Asian</b>								
	2001	66	6.25	413	Tons	\$ 570	\$ 235,400	
	2000	66	4.00	264	Tons	\$ 467	\$ 123,300	
<b>Total</b>	2001	421		1873	Tons		\$ 495,900	
<b>Pears</b>	2000	451		2494	Tons		\$ 598,000	
<b>Apples</b>								
Fresh	2001			7114	Tons	\$ 755	\$ 5,371,100	
	2000			5580	Tons	\$ 750	\$ 4,185,000	
Cannery/Apple	2001			3557	Tons	\$ 80	\$ 284,600	
Hill Products	2000			2790	Tons	\$ 80	\$ 223,200	
Cider	2001			1186	Tons	\$ 50	\$ 59,300	
	2000			930	Tons	\$ 45	\$ 41,900	
<b>Total</b>	2001	835	14.20	11857	Tons	\$ 482	\$ 5,715,000	
<b>Apples</b>	2000	838	11.10	9300	Tons	\$ 479	\$ 4,450,100	
<b>Cherries</b>	2001	112	0.85	95	Tons	\$ 3,900	\$ 370,500	
	2000	116	1.80	209	Tons	\$ 3,800	\$ 794,200	
<b>Peaches</b>	2001	110	2.50	275	Tons	\$ 1,600	\$ 440,000	
	2000	110	3.50	385	Tons	\$ 1,540	\$ 592,900	
<b>Plums</b>	2001	58	2.90	168	Tons	\$ 960	\$ 161,300	
	2000	58	2.00	116	Tons	\$ 800	\$ 92,800	
<b>Wine</b>	<b>Bearing</b>	2001	1244	2.88	3570	Tons	\$ 1,209	\$ 4,317,300
<b>Grapes</b>		2000	1165	2.92	3400	Tons	\$ 1,194	\$ 4,059,600
	<b>Non-Bearing</b>	2001	500					
		2000	400					
Total Acreage = 1744 ac.								
<b>Walnuts</b>	2001	216	0.62	134	Tons	\$ 1,020	\$ 136,700	
	2000	216	0.40	86	Tons	\$ 1,200	\$ 103,200	
<b>Total Fruit</b>	2001	2996		17972	Tons		\$ 11,636,700	
<b>Nut Crops</b>	2000	2954		15990	Tons		\$ 10,690,800	
<b>Minor and Misc. Crops*</b>	2001					\$	334,600	
	2000					\$	289,700	

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



## Livestock

Crop	Year	Number of Head	Total Live Weight	Unit	Value per Unit	Total Value
Cattle and Calves	2001	4530	39,900	cwt.**	\$ 74.00	\$ 2,952,600
	2000	4300	36,600	cwt.	\$ 71.50	\$ 2,616,900
Sheep and Lambs	2001	510	550	cwt.	\$ 64.42	\$ 35,400
	2000	530	619	cwt.	\$ 62.61	\$ 38,800
Hogs/Pigs	2001	730	1,870	cwt.	\$ 45.00	\$ 75,200
	2000	860	1,890	cwt.	\$ 44.10	\$ 83,400
Misc.*	2001					\$ 1,190,000
	2000					\$ 1,260,000
<b>Total Livestock</b>	<b>2001</b>					<b>\$ 4,253,200</b>
	<b>2000</b>					<b>\$ 3,999,100</b>

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

\*\*cwt. = hundredweight = 100 pounds

## Apiary Products

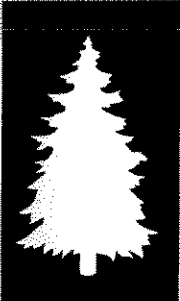
	Year			Total Value
Apiary	2001	2,400	Colonies	\$ 192,000
Products	2000	2,800	Colonies	\$ 238,000

Includes: Honey, Bees Wax, Pollen and Pollination

## Hay and Pasture

Crop	Year	Acres	Units	Value	Total Value
Hay, Tame	2001	350	634 Tons	\$ 119.00	\$ 75,400
	2000	350	610 Tons	\$ 97.00	\$ 59,200
Irrigated Pasture	2001	995	Acres	\$ 125.00	\$ 124,400
	2000	1,100	Acres	\$ 125.00	\$ 137,500
Rangeland (Dryland)	2001	245,000	Acres	\$ 12.00	\$ 2,940,000
	2000	245,000	Acres	\$ 12.00	\$ 2,940,000
<b>Total Hay And Pasture</b>	<b>2001</b>				<b>\$ 3,139,800</b>
	<b>2000</b>				<b>\$ 3,136,700</b>

## Nursery Products

Crop	Year	Acreage	Production	Unit	Unit	Value
Nursery	2001	30			\$	2,226,900
Stock	2000	32			\$	2,043,000
Trees, Shrubs, Greenhouse	2001	12			\$	742,100
	2000	15			\$	836,000
<b>Total</b>	2001	42			\$	2,969,000
<b>Nursery</b>	2000	47			\$	2,879,000

## Christmas Trees

	Year	Production	Unit	Unit	Value
Wholesale	2001	11,500	Each	\$ 17.00	\$ 195,500
	2000	12,600	Each	\$ 15.00	\$ 189,000
Choose and Cut	2001	74,300	Each	\$ 38.00	\$ 2,823,400
	2000	78,400	Each	\$ 35.00	\$ 2,744,000
<b>Total</b>	2001	85,800	Each		\$ 3,018,900
<b>Christmas Trees</b>	2000	88,200	Each		\$ 2,933,000

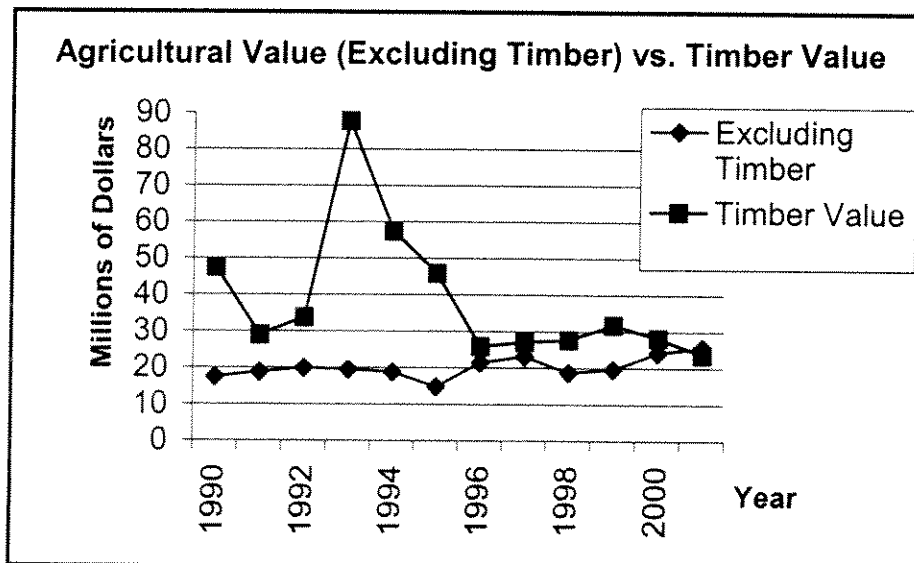
## Timber Harvested and By-Products

	Year	Production	Unit	Value
Private and Public Forest	2001	96,800	Million Board Feet	\$ 23,665,200
	2000	107,500	Million Board Feet	\$ 28,207,600
Wood Sales and Permits	2001	3,200	Million Board Feet	\$ 27,200
	2000	2,600	Million Board Feet	\$ 21,600
<b>Total</b>	2001			\$ 23,692,400
<b>Timber</b>	2000			\$ 28,229,200

# Total Values



<u>Crop</u>	<u>Year</u>	<u>Value</u>
Fruit And Nut	2001	\$ 11,636,700
	2000	\$ 10,690,800
Minor and Misc. Crops	2001	\$ 334,600
	2000	\$ 289,700
Apiary Products	2001	\$ 192,000
	2000	\$ 238,000
Livestock	2001	\$ 4,253,200
	2000	\$ 3,999,100
Hay and Pasture	2001	\$ 3,139,800
	2000	\$ 3,138,700
Nursery Products	2001	\$ 2,969,000
	2000	\$ 2,879,000
Christmas Trees	2001	\$ 3,018,900
	2000	\$ 2,933,000
Timber	2001	\$ 23,692,400
	2000	\$ 28,229,200
Grand Total	2001	\$ 49,236,600
	2000	\$ 52,395,500



# **El Dorado County Agriculture Programs**

The El Dorado County Department of Agriculture conducts programs to safeguard public health and the environment and to promote and protect the county's agriculture industry. The following is a summary of the departmental activities.



## **PEST PREVENTION**

The **Pest Exclusion Program** prevents the introduction of detrimental pests that are not of common occurrence in California. Over 3100 inspections were made during 2001 by department staff at parcel shipping locations (United Parcel Service and U.S. Postal Service), retail nurseries and of nursery stock upon arrival for planting at local farms.

The **Pest Detection Program** consisted of over 800 insect traps in 2001, which were placed throughout the county and monitored weekly to detect pests that may have entered the county despite pest exclusion efforts. Each year, traps are placed in both rural and urban areas to detect Gypsy Moths, Japanese Beetles, Mediterranean Fruit Flies, Melon Flies, Apple Maggots and Oriental Fruit Flies.

The **Pest Eradication Program** efforts include chemical and hand-pulling treatments of Dalmation toadflax, Diffuse knapweed, Tall whitetop, Oblong spurge, Canada thistle and Spotted knapweeds in cooperation with the California Department of Food and Agriculture (CDFA) and the Nevada Cooperative Extension.

## **PEST MANAGEMENT**

The **El Dorado County Noxious Weed Management Group**, formed in 1998, has continued educational efforts in the control of Yellow Starthistle, Tall Whitetop, Scotch Broom and Knapweeds. Grant funds were secured for cooperative projects including: treating over 800 acres of rangeland to control Yellow starthistle allowing for increased forage and grazing capacity; educational workshops conducted to encourage landowners to utilize Integrated Pest Management weed control techniques; funding cost-share programs to eradicate Yellow starthistle and Spotted knapweed in the Ice House/Cleveland Burn area; providing a site advisor to recommend weed control measures to landowners; and publishing a weed identification brochure to assist the public in surveying and documenting noxious/invasive weed infestations.

The **Glassy-winged Sharpshooter (GWSS) Pest Management Program** was initiated in 1999 to prevent the introduction of this insect to El Dorado County. The GWSS is known to spread Pierce's Disease, which can devastate vineyard plantings. The pest monitoring program includes inspections of all nursery stock shipped into the county from known infested areas. In addition, over 400 insect traps are deployed in nurseries, vineyards and in urban and rural locations throughout the county.

The **Biological Control Program** consists of releases of insects that act as natural predators against noxious pests present in the county. Biocontrol projects include use of the following insects: leaf beetle, *Chrysolina quadrigemina*, to control Klamath Weed; seed weevil (*Eustenopus villosus*) and



the Peacock Fly (*Chaetorellia australis*) to reduce the spread of Yellow Starthistle. In addition, 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 insects in cooperation with CDFA.

The **Vertebrate Pest Management Program** staff assists growers and homeowners in the control of deprecating vertebrate pests such as gophers, ground squirrels, mice, rats and other rodents.

The **Wildlife Management Program** provides management of wildlife within the county that are deprecating livestock and property and presenting a hazard to public health and safety. Efforts are made to reduce, terminate and prevent damage to livestock, crops and other property caused by wild animals.

### **PESTICIDE MONITORING**

The Agriculture Department conducts the **Pesticide Monitoring Program** in cooperation with the California Department of Pesticide Regulation. Pesticide use is monitored to protect public health, the environment and to insure worker safety. Department staff enforces state regulations, issues use permits, compiles use data and investigates complaints. Education concerning the safe use of pesticides is also an integral part of the program.

### **COMMODITY EVALUATION AND MARKETING PROGRAMS**

The **Certified Farmer's Market Program** allows farmers to market directly to consumers at area Certified Farmer's Markets. The **Organic Program** includes registration by growers in order to market farm products as organically grown. In 2001, 18 growers were registered as organic, representing 120 acres under production. Both the organic and certified producers programs include grower inspections by department staff to validate the registrations.

The **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.

### **AGRICULTURAL RESOURCES**

The Department of Agriculture conducts a variety of programs to protect and promote agriculture including **land use planning**, which is administered by the El Dorado County Agricultural Commission. The department also provides **technical resources** to a variety of committees and boards, including verification for the El Dorado Irrigation District Small Farms Irrigation Rate Program. Agricultural statistics and land use information is also compiled for the **Annual Crop Report**. The department is actively involved in promoting agri-tourism and the annual **Harvest Fair** held the third weekend of September each year.