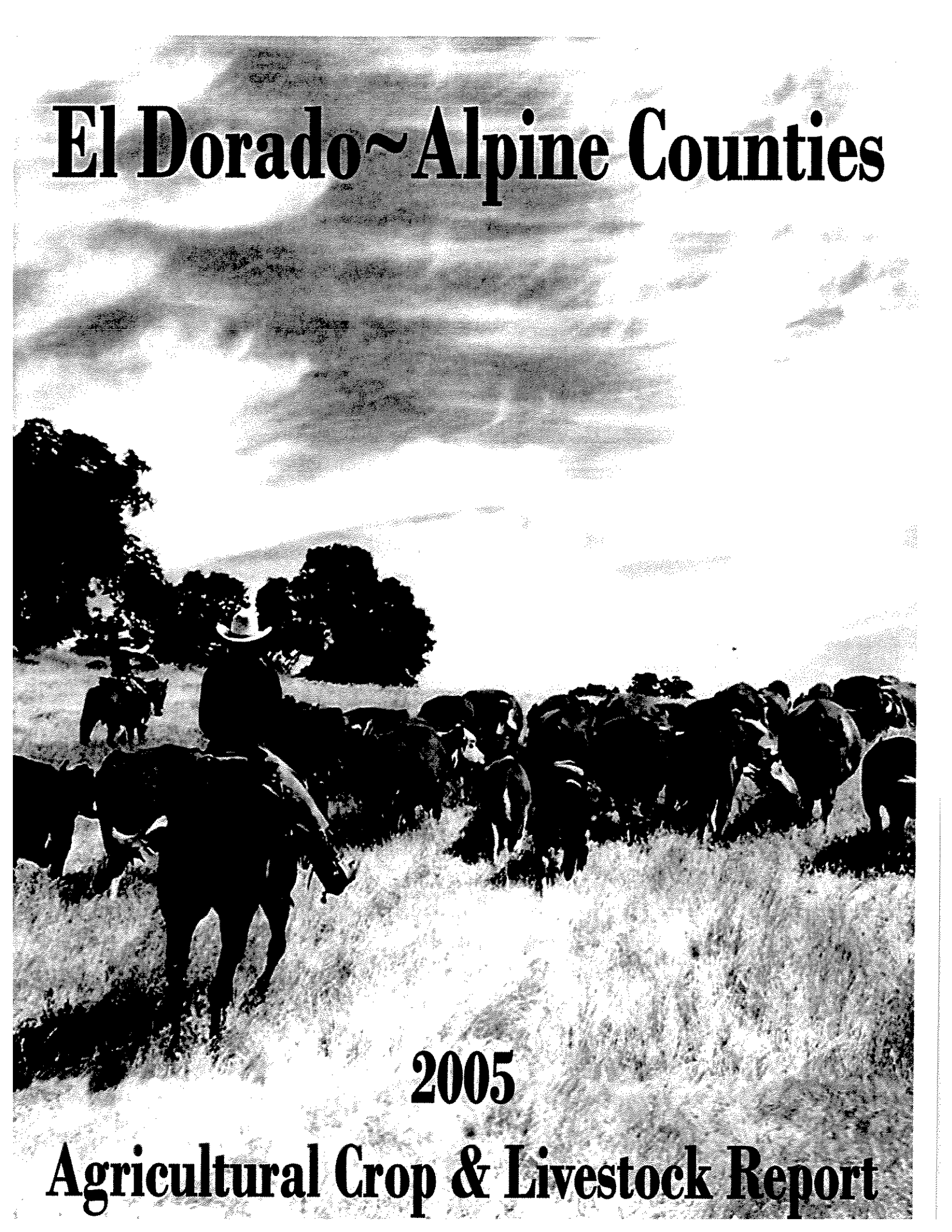


El Dorado ~ Alpine Counties



2005

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 2005 El Dorado & Alpine Counties Crop Report.

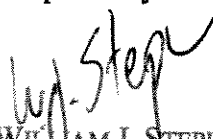
The El Dorado County gross crop value for 2005 was \$42.9 million; this is an overall 12.8% decrease from the 2004 values. Declining values were caused by many factors, including a 28% decrease in timber, due to depressed timber values, as well as a 13.8% decrease in fruit and nut sales which resulted 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

El Dorado & Alpine Counties

2005 Crop Report

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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
PEARS							
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
APPLES							
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
WINE GRAPES							
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	\$ 1,800,073
	2004	28	\$ 2,064,895

Christmas Trees

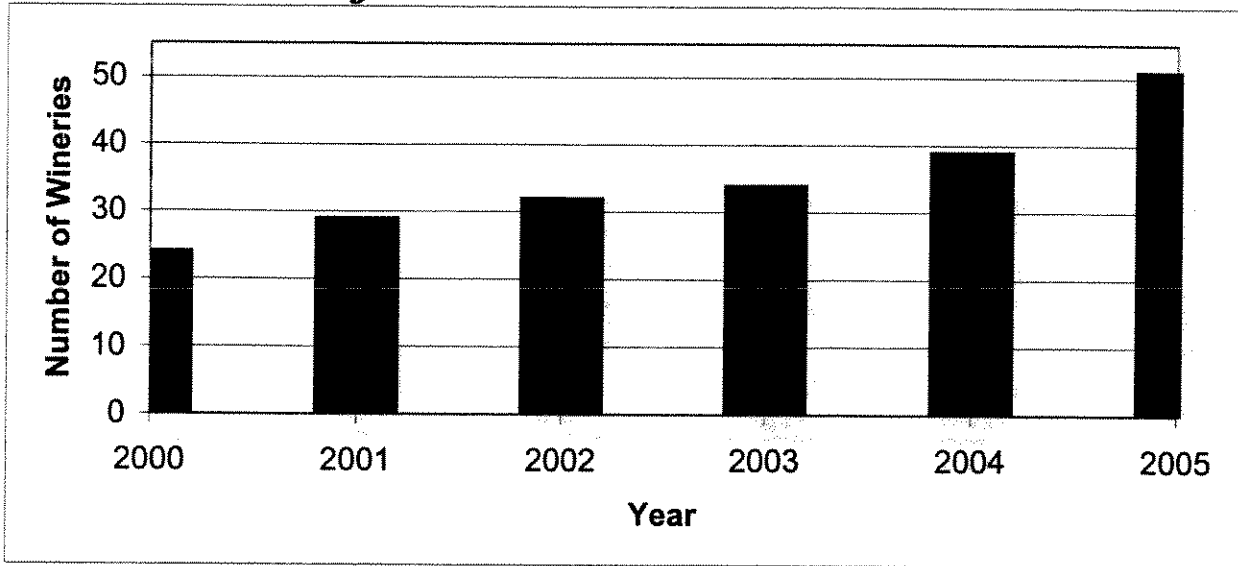
	Year	Production	Unit	Unit	Value
Wholesale	2005	10,980	Each	\$ 21.13	\$ 232,007
	2004	11,210	Each	\$ 20.25	\$ 227,003
Choose and Cut	2005	67,600	Each	\$ 42.90	\$ 2,900,040
	2004	67,800	Each	\$ 41.90	\$ 2,840,820
TOTAL CHRISTMAS TREES	2005				\$ 3,132,047
	2004				\$ 3,067,823

Timber Harvested and By-Products

	Year	Production	Unit	Value
Private and Public Forest	2005	90,019	MBF	\$ 16,797,841
	2004	100,798	MBF	\$ 23,332,623
Wood Sales and Permits	2005	2,045	MBF	\$ 23,195
	2004	2,389	MBF	\$ 24,990
TOTAL TIMBER	2005	92,064	MBF	\$ 16,821,036
	2004	100,796	MBF	\$ 23,357,613

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

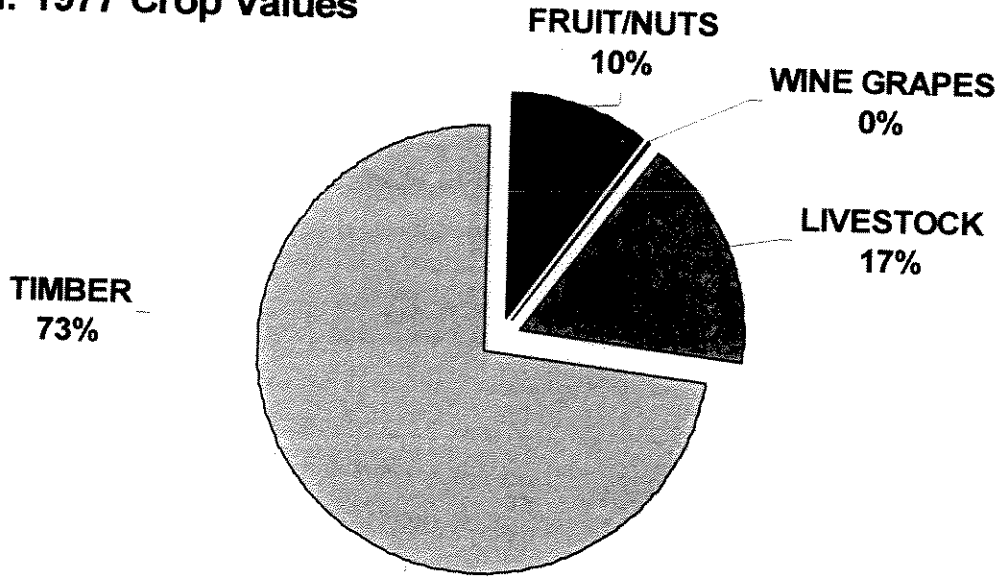
*1954's apple production of 3.87 tons per acre was significantly lower than 1952's 6.61 tons per acre & 1956's 9.17 tons per acre

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

