



The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search

<http://ageconsearch.umn.edu>

aesearch@umn.edu

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

No endorsement of AgEcon Search or its fundraising activities by the author(s) of the following work or their employer(s) is intended or implied.

California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

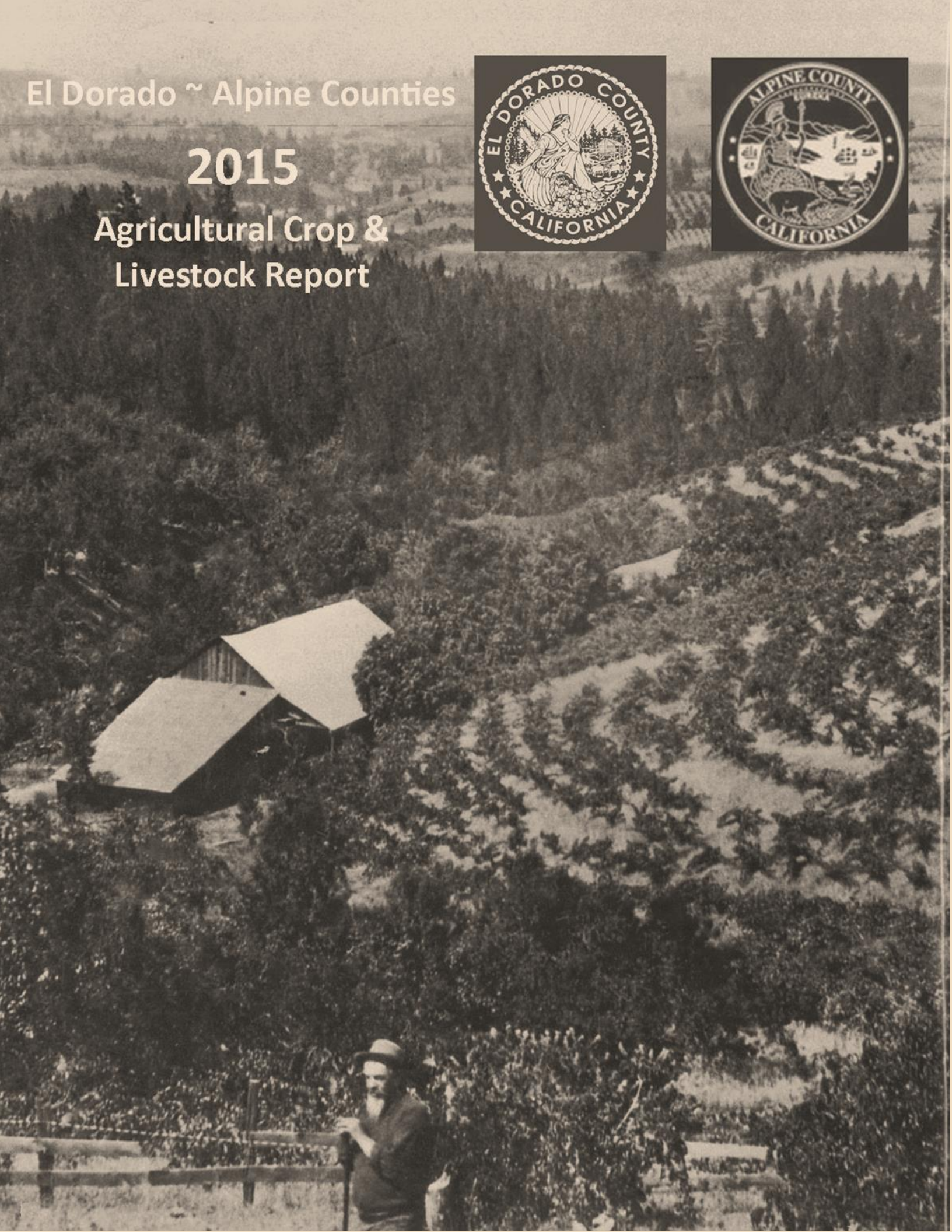
El Dorado/Alpine Counties

2015-2017

El Dorado ~ Alpine Counties

2015

Agricultural Crop &
Livestock Report



A Short History of Winemaking in El Dorado County



On January 24, 1848, in what later became the town of Coloma, gold was discovered by James Marshall at Sutter's Mill. A migration of men hungry for gold soon followed. Mining communities sprang up across El Dorado County, and with them several industries, including winemaking. Even John Sutter (of Sutter's Mill) and James Marshall eventually produced wine from grapes grown in their vineyards. They weren't the first. The earliest vineyard was planted in 1849 west of the town known today as Rescue. Back then the Mission grape was the only available varietal, and from it came the first commercial vintage of 10,000 gallons in 1859. El Dorado County had entered the commercial market and was on the map as an official wine producing region. Viticulture, the cultivation of grapes particularly for winemaking, soared from there.

In 1866 the *Alta California* approximated El Dorado County contained more than 1.4 million bearing vines, greater than any other foothill county. The county's wine industry continued its stratospheric climb and a mere 4 years later, in 1870, El Dorado County became the third largest wine producer in the state behind only Los Angeles and Sonoma Counties. For most locals, selling wine was the better bet for discovering riches than mining any gold field.

Surprisingly, several original wineries still stand, including El Dorado County's first: Constructed in 1857 on Deer Creek Road in Rescue by Jacob Zentgraf, today the intact former winery and farm house serves as a private residence. Another historical site, the winery cellar from early 1860's winemaking pioneer, James Skinner, can be found at the intersection of Green Valley Road and Cameron Park Drive in Rescue. It's slated to be fully restored to its original glory. Perhaps the most beautifully preserved site is the 1870's Fossati/Lombardo winery. The original buildings are still in use today and open to the public under the current owner, Boeger Winery.

Gold wasn't the only legacy left by James Marshall: A forefather in El Dorado County's winemaking history, he experimented with East Coast and European winegrape varietals intent on discovering the best varietals suited to the county's climates and soils. At one time, James Marshall propagated more than 120 varietals and even entered his wine at the county fair. For his contributions he was later made an honorary member of the California State Agricultural Society. However, mirroring the transient gold rush, the wine boom was not to last.

By the turn of the 19th century El Dorado County's gold fields, and the populations they brought, had waned. With it so went the demand for wine. The depression of the 1890's, Prohibition, the Wall Street crash of 1929, and subsequent Great Depression all took their tolls on local viticulture. Gold rush era vineyards, and the wineries they supported, were replaced by pear orchards. By 1966 only 11 acres of winegrapes remained. Some of the most historically important winegrowing districts were disregarded and lost. When Folsom Dam was built in 1955 the sprawling, historical vineyard lands that once surrounded Mormon Island disappeared beneath the rising waters of Folsom Lake.

Continued on inside back page...

2015 CROP REPORT

El Dorado and
Alpine Counties

DEPARTMENT OF AGRICULTURE/ WEIGHTS & MEASURES STAFF

AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

Charlene Carveth

DEPUTY AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

LeeAnne Mila

AGRICULTURAL BIOLOGISTS/
STANDARDS INSPECTORS

Jessica Fowler ~ Heather Meleski ~ KC Sare
~ CJ Seado ~ Rashell Veerkamp

WILDLIFE SERVICES

John Chandler ~ Jody Nicholas

ADMINISTRATIVE STAFF

Deanna Tompkins ~ Myrna Tow

SEASONAL AGRICULTURAL BIOLOGY TECHNICIANS

Charlie Charm ~ Tom Williams
John Borgnis ~ Johanna Crawley
Zachary Marchant

TABLE OF CONTENTS

EL DORADO COUNTY

Agricultural Commissioner's Letter	i
Fruit & Nut Crops	1
Apples	1
Pears	1
Wine Grapes	2
Other Fruit & Nut Crops	2
Totals	3
Livestock	3
Hay & Pasture	4
Apiary Products	4
Nursery Products	4
Christmas Trees	5
Timber Harvested and By-products	5
Agricultural Production Summary	6
Agricultural Department Summary	8
Certified Farmers Market Summary	9

ALPINE COUNTY

Livestock	7
Hay & Pasture	7
Agricultural Department Summary	8

Photos courtesy of El Dorado County Department of Agriculture's staff

Cover Photo: Front cover is Giovanni Lombardo, circa the late 1800's, on his vineyard, which would become present day Boeger Winery.



Above: Jacob Zentgraf (seated) and his family circa 1890. His winery stands in the background while a pan full of gold sits near his feet.

Below: A branded door at what is today Boeger Winery. Sarah A. Fossati inherited the original winery and vineyards from her parents (the Lombardos) in the 1908. Her son, John A. Fossati, was already working onsite for the wine business his grandparents started.



El Dorado and Alpine Counties

Department of Agriculture, Weights and Measures



311 Fair Lane
Placerville, CA 95667
(530) 621-5520 Main
(530) 626-4756 Fax
eldcag@edcgov.us



Karen Ross, Secretary
California Department of Food and Agriculture

Board of Supervisors

El Dorado County

Ron Mikulaco	District 1
Shiva Frentzen	District 2
Brian Veerkamp	District 3
Michael Ranalli	District 4
Sue Novasel	District 5

Alpine County

Donald M. Jardine	District 1
Ron Hames	District 2
Katherine Rakow	District 3
Terry Woodrow	District 4
Mary Rawson	District 5

In accordance with Section 2279 of the California Food and Agricultural Code, I hereby submit the 2015 El Dorado & Alpine Counties Crop Report.

The gross crop value for the County of El Dorado was \$63,917,150 million, representing an increase of 8.9% from 2014 values. Apples and apple products were the leading crop in El Dorado County with a total value of \$15.7 million. Timber moved to our second leading crop with a value that increased by 34.5%, due to timber salvage efforts after the King Fire. While a mild winter paired with continued drought affected yields of some of the fruit and nut crops, wine grapes increased in total value by 6.8% to \$8.1 million.

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 to the County of El Dorado's economy totaled approximately \$528 million in 2015, of which, Apple Hill and value-added products contributed an estimated \$244 million while the wine industry added another \$238 million.

Alpine County's gross crop value for 2015 was estimated to be \$5.66 million. Despite continued drought conditions, livestock prices continue to reflect strong demand.

I wish to express my sincere appreciation to the many individuals and organizations which have contributed information to make this report possible. I would like to thank Heather Meleski, Jessica Fowler and LeeAnne Mila for their work in compiling information for this report.


Respectfully submitted,

A handwritten signature in cursive script that reads "Charlene Carveth".

CHARLENE CARVETH
Agricultural Commissioner
Sealer of Weights and Measures

Fruit and Nut Crops


Apples



Crop	Year	Acreage	Total Production	Unit	Value Per Unit	Total Value
Fresh	2015		5,450	Tons	\$2,219	\$12,093,550
	2014		5,650	Tons	\$2,320	\$13,108,000
Juice/Cider	2015		200,986	Gallons		\$1,507,395
	2014		200,947	Gallons		\$1,507,103
Cannery/Apple Hill Products*	2015					\$2,112,148
	2014					\$2,168,342
Total Apples	2015	852				\$15,713,093
	2014	852				\$16,783,445

*Includes all "enhanced agricultural products" such as fruit/nut pies and jams

Pears



Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value Per Unit	Total Value
Bartlett/Bosc	2015	65	3.34	217	Tons	\$2,972	\$644,924
	2014	65	3.11	202	Tons	\$2,501	\$505,202
Asian	2015	40	0.10	4	Tons	\$4,100	\$16,400
	2014	40	2.95	118	Tons	\$3,326	\$392,468
Total Pears	2015	107					\$661,324
	2014	107					\$897,670

Fruit and Nut Crops

Wine Grapes

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value** Per Unit	Total*** Value
Bearing	2015	2,221	2.1	5,366	Tons	\$1,502	\$8,098,780
	2014	2,109	2.3	5,339	Tons	\$1,458	\$7,582,914
Non-bearing	2015	199	Total Grape Acreage 2015* = 2,420 acres				
	2014	278	Total Grape Acreage 2014* = 2,387 acres				

*2015 acreage numbers reflect actual responses by the agricultural community for the 2015 Wine Grape Survey.

** Reflects the average price of all wine grape varieties.

*** Crop Values reported in the El Dorado County Wine Grape Surveys


Other Fruit & Nut Crops

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value Per Unit	Total Value
Peaches	2015	110	3.58	394	Tons	\$5,000	\$1,970,000
	2014	108	3.00	324	Tons	\$5,000	\$1,620,000
Plums	2015	52	2.54	132	Tons	\$4,200	\$554,736
	2014	52	3.58	186	Tons	\$3,142	\$584,412
Olives	2015	62			Gallons		\$181,294*
	2014	62			Gallons		\$178,560*
Walnuts	2015	126	0.41	52	Tons	\$2,940	\$152,880
	2014	111	0.44	49	Tons	\$3,520	\$172,480
Cherries	2015	50	0.15	7.5	Tons	\$7,000	\$52,500
	2014**	50	0.05	2.5	Tons	\$7,440.4	\$18,601
Totals	2015						\$2,911,410
	2014						\$2,574,053

*Value and Total Value based on gallons of olive oil sold. **Correction from 2014 Crop Report.

Fruit and Nut Crops

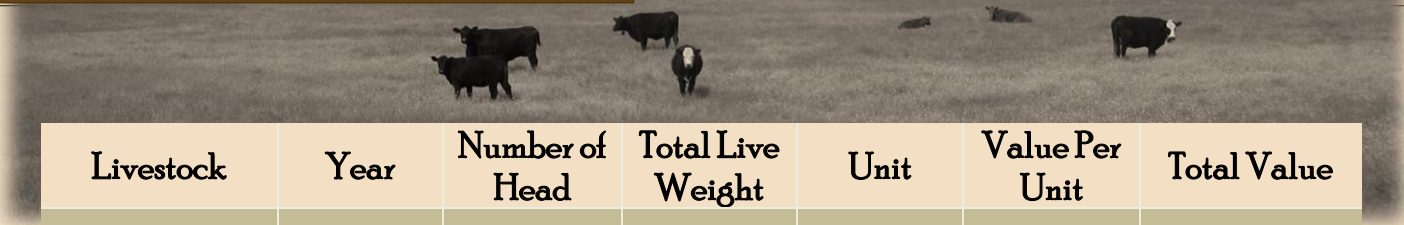
Totals



Totals	Year	Total Acreage	Total Value
Fruit & Nut Crops	2015	3,884	\$27,383,607
	2014	3,740	\$27,838,082
Minor & Misc. Crops*	2015		\$1,451,169
	2014		\$1,312,259
Total	2015		\$28,834,776
	2014		\$29,150,341

*Minor & Miscellaneous Crops include truck gardens, berries, nectarines, citrus, chestnuts, avocados, pumpkins, tomatoes, persimmons, etc.


Livestock



Livestock	Year	Number of Head	Total Live Weight	Unit	Value Per Unit	Total Value
Cattle	2015	6,204	55,836	cwt**	\$168.00	\$9,380,448
	2014	6,810	63,970	cwt**	\$141.00	\$9,019,770
Miscellaneous*	2015					\$1,927,531
	2014					\$1,865,794
Total Livestock	2015					\$11,307,979
	2014					\$10,885,564

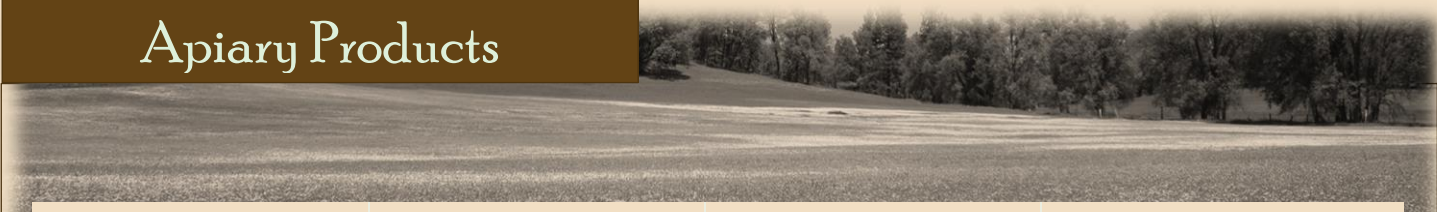
*Misc. includes: Turkeys, Ducks, Chickens, Goats, Alpacas, Sheep, Pigs, Emu and Wool By-products.

Hay and Pasture




Crop	Year	Acres	Units		Value Per Unit	Total Value
Hay	2015	225	309	Tons	\$215.00	\$66,435
	2014	225	337	Tons	\$235.00	\$79,195
Pasture, Irrigated	2015	925			\$135.00	\$124,875
	2014	925			\$140.00	\$129,500
Rangeland	2015	233,000			\$20.00	\$4,660,000
	2014	233,000			\$18.00	\$4,194,000
Total	2015					\$4,851,310
	2014					\$4,402,695

Apiary Products



	Year	Units	Total Value
Apiary Products	2015	4,400 Colonies	\$902,000
	2014	4,300 Colonies	\$881,500

Nursery Products



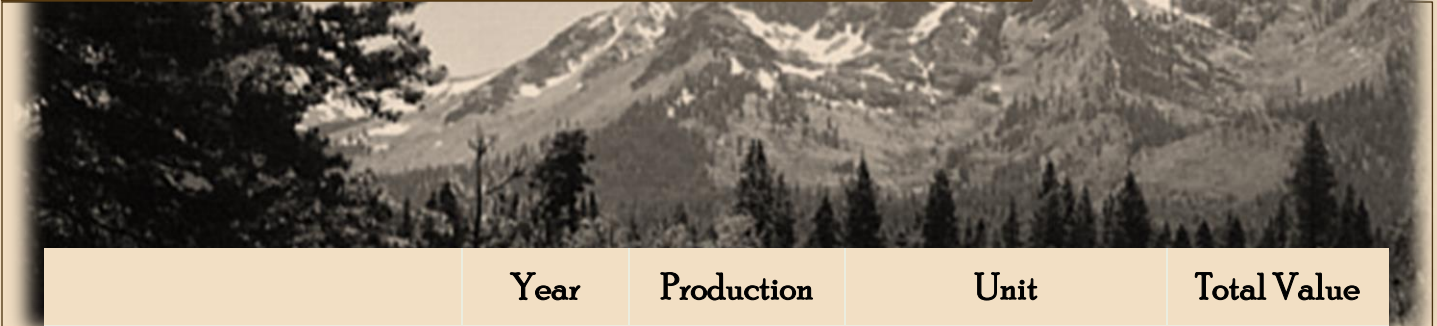
	Year	Acreage	Total Value
Total Nursery	2015	36	\$2,467,883
	2014	36	\$2,464,028

Christmas Trees



	Year	Production	Unit	Unit Value	Total Value
Choose and Cut	2015	36,486	Each	\$62.00	\$2,262,132
	2014	36,100	Each	\$60.00	\$2,166,000
Wholesale	2015	1,298	Each	\$53.00	\$68,794
	2014	1,319	Each	\$56.00	\$73,864
Total Christmas Trees	2015				\$2,330,926
	2014				\$2,239,864

Timber Harvested and By-products



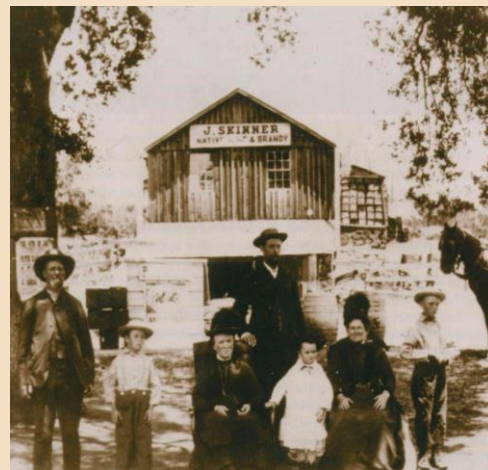
	Year	Production	Unit	Total Value
Private and Public Forest	2015	180,032	Million Board Feet	\$13,180,934
	2014	55,371	Million Board Feet	\$8,628,351
Wood Sales and Permits	2015	1,428	Million Board Feet	\$40,342
	2014	1,573	Million Board Feet	\$35,770
Total Timber	2015			\$13,221,276
	2014			\$8,664,121

Agricultural Production Summary

Crop	2015	2014
Apples	\$15,713,093 (1)	\$16,783,445 (1)
Timber	\$13,221,276(2)	\$8,664,121 (3)
Livestock	\$11,307,979 (3)	\$10,885,564 (2)
Wine Grapes	\$8,098,780 (4)	\$7,582,914 (4)
Hay and Pasture	\$4,851,310 (5)	\$4,402,695 (5)
Other Fruit and Nut Crops	\$2,911,410 (6)	\$2,574,053 (6)
Nursery	\$2,467,883 (7)	\$2,464,028 (7)
Christmas Trees	\$2,330,926 (8)	\$2,239,864 (8)
Minor and Miscellaneous Crops	\$1,451,169 (9)	\$1,312,259 (9)
Pears	\$661,324 (10)	\$897,670 (10)
Apiary	\$902,000 (11)	\$881,500 (11)
Agricultural Gross Value	\$63,917,150	\$58,688,113



Jacob Zentgraf's winery is seen on the left in this picture from the late 19th century. This property is where the first local grapevines were planted by a Mr. Stevens in 1849.



James Skinner (far left) & his son George (standing) in front of their winery circa the early 1860s.

Alpine County Livestock, Hay and Pasture



Crop	Year	Acres	Units		Value Per Unit	Total Value
Hay	2015	250	2000	Tons	\$200.00	\$400,000
	2014	250	2000	Tons	\$300.00	\$600,000
Pasture, Irrigated	2015	2,500			\$135.00	\$337,500
	2014	2,500			\$140.00	\$350,000
Rangeland	2015	133,000			\$20.00	\$2,660,000
	2014	133,000			\$15.00	\$1,995,000
Total	2015					\$3,397,500
	2014					\$2,945,000
Cattle		# Sold	Total Weight	Unit	Value Per Unit	Total Value
	2015	1,120	13,440	cwt**	\$168.00	\$2,257,920
	2014	1,300	19,500	cwt**	\$145.00	\$2,827,500

** cwt.= hundredweight = 100 pounds.



2015 Agricultural Department Summary



In 2015, the El Dorado and Alpine County Agriculture and Weights & Measures Department:

- Placed over 573 insect traps throughout the counties in both urban and rural areas and serviced them 3,341 times to detect and prevent the establishment of exotic and harmful pests (Pest Detection Program).
- Placed 424 Glassy-winged Sharpshooter (GWSS) traps throughout the county in rural, urban, and nursery settings, inspecting and servicing them 5,025 times (Pest Management Program).
- Inspected all nursery stock entering the county from known GWSS infected areas (Pest Management Program).
- Conducted 123 inspections at over 96 locations to prevent the introduction of detrimental pests that are not of common occurrence in California (Pest Exclusion Program).
- Provided management of wildlife that were depredating livestock, property and/or presenting a hazard to public health and safety (Wildlife Management Program).
- Registered 22 organic producers.
- Coordinated invasive weed control, education and eradication among federal, state, county and private agencies in El Dorado and Alpine Counties. Participated as an integral partner in the El Dorado, Lake Tahoe Basin, and Alpine/Upper Carson Weed Management Area Groups (Pest Eradication Program).
- Conducted the Pesticide Monitoring Program to protect public health, property, the environment and agricultural workers in partnership with the California Department of Pesticide Regulation (Pesticide Use Monitoring Program).
- In conjunction with the local Resource Conservation District, Ag Department staff certified local farms for the Fish Friendly Farming Program through the California Land Stewardship Institute.
- Inspected 512 certified producers' scales, individual farm scales, winery platform scales, and livestock scales. Inspected 1,565 measuring devices, retail meters, electric meters, water meters and submeters. Scales and meters are inspected to ensure consumer protection and equity in the marketplace (Weights and Measures Program).
- Issued 64 Certified Producer's Certificates for growers selling at Certified Farmer's Markets.

2015 Agricultural Department Summary Continued



El Dorado County Certified Farmer's Markets of 2015

Diamond Springs Farmers' Market
484 Main Street, Diamond Springs
Year Round

El Dorado County Farmers' Market
American Legion Hall Parking Lot,
South Lake Tahoe
June 2, 2015 to October 13, 2015

El Dorado County Farmers' Market
Burke's Junction Parking Lot, Cameron Park
May 14, 2015 to October 7, 2015

Green Acres Farmers' Market
3400 Carson Street, Camino
October 1, 2014 to September 30, 2015

El Dorado County Farmers' Market
Community Service District Parking Lot,
El Dorado Hills
June 4, 2015 to August 27, 2015

Main Street Certified Farmers' Market
Main Street, Placerville
June 2015 to October 2015

El Dorado County Farmers' Market
Town Center Parking Lot, El Dorado Hills
May 17, 2015 to October 25, 2015

People's Mountain Market
Garden Valley Park, Garden Valley
June 2015 to October 2015

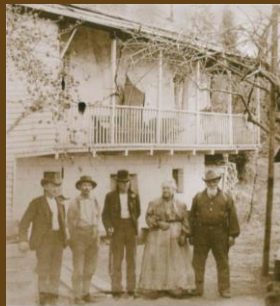
El Dorado County Farmers' Market
Ivy House Parking Lot, Placerville
May 2, 2015 to November 14, 2015

Victory Garden Farmer's Market
520 Truck St., Diamond Springs
Year Round

El Dorado County Farmers' Market
Library Parking Lot, Placerville
June 5, 2015 to August 28, 2015



Lombardos with daughter Sarah Fossati circa 1885



Giovanni and Candida Lombardo circa 1905



Greg Boeger, current owner, circa 2007

...Continued from inside front page

It wasn't until the mid-sixties, when pear decline had all but decimated pear crops countywide, that commercial viticulture was reconsidered. As pear orchards were being plowed under, El Dorado County Farm Advisor, Dick Bethell, and Agricultural Commissioner, Edio Delfino, recalled the county's reputation as a 19th century winegrape growing region. Between 1965 and 1967 both men encouraged growers to plant winegrape test plots using 24 varietals near Coloma, Camino, the town of El Dorado, Fair Play, and Placerville. Growers John Hempt, Lloyd Walker, and George and Marion Ritchie to name a few, decided to try their luck at planting vines. Things were going well when Dick Bethell and Edio Delfino struck on the new idea to experiment with higher elevation vineyards.

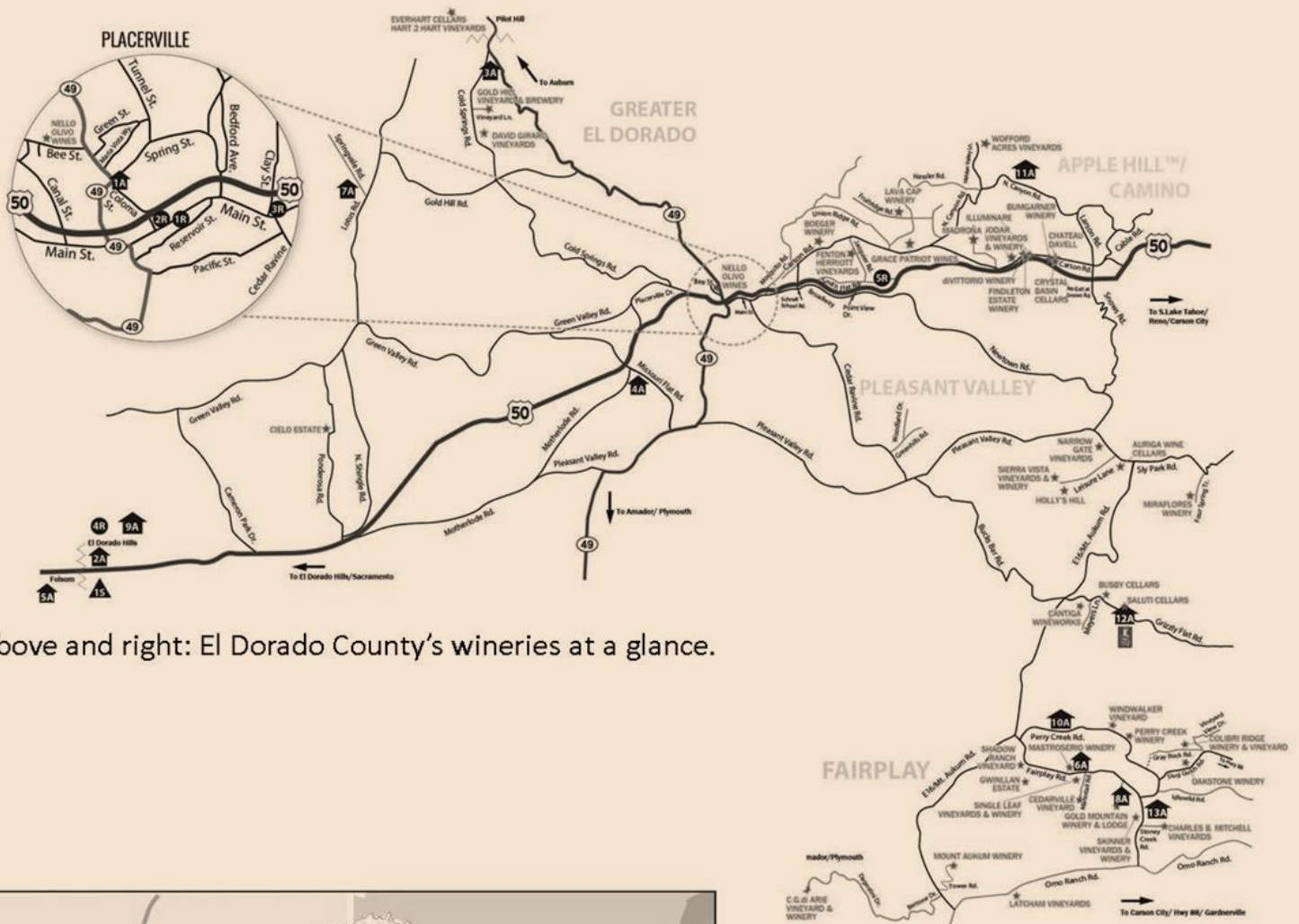
By 1972 the men had convinced Richard and Leslie Bush to plant vines at a 3000' elevation for what would later evolve into Madroña Vineyards. That same year, Greg Boeger started planting for what would be Boeger Winery. The next year found Ken Kirk's Stonebarn Vineyards, and in 1974 John and Barbara Mac Cready began vineyards for what would become Sierra Vista Winery. The timeline coincided nicely as, on a national scale, more consumers were beginning to drink wine. A new era dawned in El Dorado County.

From the grape growing pioneers rose the wine renaissance of the 1970's, and with it, a new guard of wineries. Led in 1973 by Boeger Winery, which was the first largescale winery to open post Prohibition, by 1977 two more wineries had opened their cellar doors: Sierra Vista Winery and El Dorado Vineyards. Madroña Vineyards bottled their first vintage the very next year. Shortly thereafter our county was making headlines for a new kind of gold rush: Queen Elizabeth was presented a specially bottled 1980 Boeger Zinfandel during her trip to California and Boeger's 1982 Merlot was served twice at the White House's state dinners.

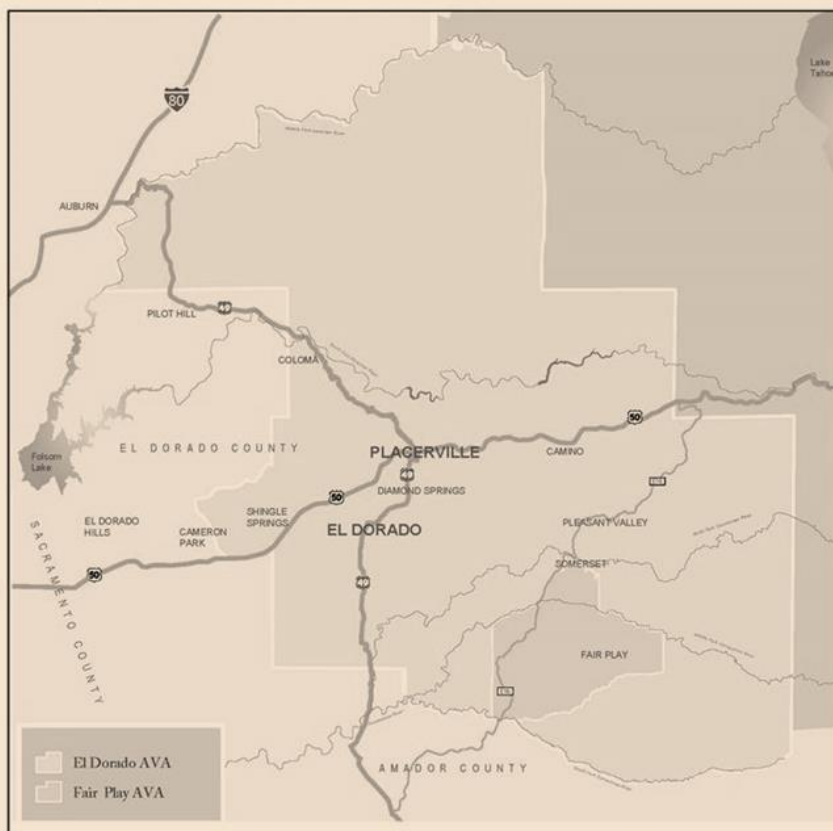
The higher elevation concept first imagined by Dick Bethell and Edio Delfino became one of the key aspects to improving the quality of wine produced in El Dorado County. Sitting high above the Sacramento Valley floor, the unique position of our growing districts, also known as the El Dorado Appellation, allows vines to be cooled twofold: first by the 1,200 to 3,500 feet elevation, rather than the fog so common to the coastal regions, and second by easterly winds coursing down from the Sierra Nevada Mountains. Coupled with this, our county has a complex topography, including three soil types: the deep and fertile fine-grained volcanic soils, well-draining granitic soils, and fine-grained shale.

El Dorado County's varying topography and weather results in hundreds of individualized microclimate growing conditions, referred to as "terroir." Each grape varietal prefers a specific terroir to ripen perfectly, and our county has the ideal climates for cultivating nearly 50 grape varietals ranging from Gewürztraminer, which prefers the higher and cooler climes, all the way down to the warmth preferring Zinfandel and Barbera. No other grape growing region in North America possesses an identical terroir. So much so, in fact, that El Dorado County has been recognized as an American Viticultural Area (AVA) since 1983 and the Fair Play region of the county was distinguished with its own AVA designation in 2001.

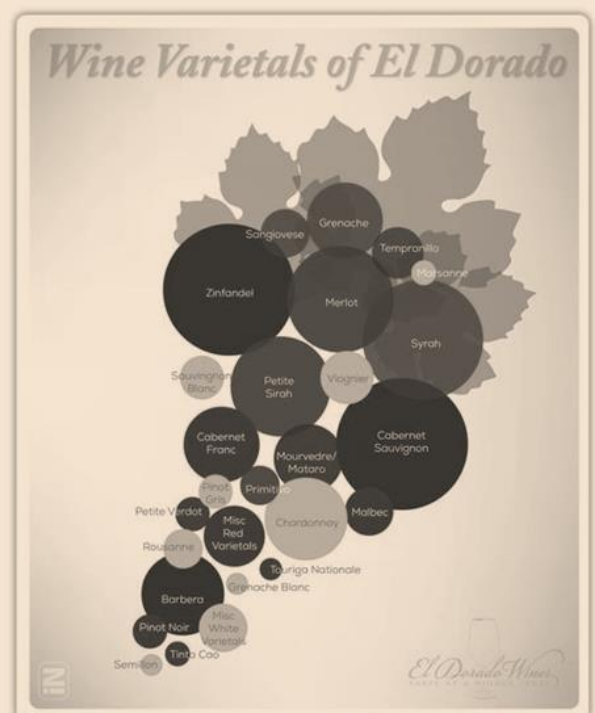
Today our county has experienced a viticulture revitalization to rival the heyday of the late 1800's: More than 60 wineries and nearly 2,400 planted acres are nestled within El Dorado County's low-lying chaparral forests, mid-elevation rolling oak woodlands, and high-reaching evergreen pine borders. The terroir of each region adds a distinct character and complexity to the ripening fruit that cannot be found outside of our El Dorado Appellation. Every individual wine profile is as unique to our foothills as the pioneering individuals who brought viticulture to El Dorado County and allowed its wines to achieve global recognition.



Above and right: El Dorado County's wineries at a glance.



El Dorado County's AVAs, or American Viticultural Areas



El Dorado ~ Alpine Counties



2016



Agricultural Crop & Livestock Report

~ A Small History of Cattle in El Dorado County ~

Very little is known about El Dorado County prior to 1847 when Captain Sutter first began his attempts at a lumber operation in what is now Coloma^[1]. The earliest cattle ranchers we have record of in El Dorado County were Hiram O. Bryant and William Stonebreaker. The men settled on two, contiguous lots totaling 320 acres east of what is now Sly Park's main dam on June 24, 1853. Calling their spread Sly Park Ranch, the men built their homes and began to farm and graze livestock. A large meadow on their parcels later became an easy place for ranchers driving their herds between grazing sites to stop over at. Later, the men even built a small hotel, dance hall included, to accommodate the traveling cattlemen and women^[2].

By 1855 it was reported that there were 9,889 stock animals in El Dorado County^[3]. Even back then it was common to move cattle from lower to higher elevations at certain times of the year to follow available forage. Up until the 1960's open land below the 1,000 foot elevation was regularly used for fall and winter grazing, 1,000 to 2,000 feet was used for early spring grazing, 2,000 to 3,000 feet was used for late spring grazing, and anything over the 6,000 foot elevation mark was used for summer grazing. Cattlemen and women would round up their herds and push them from El Dorado Hills all the way up to the Crystal Range, and even on to South Lake Tahoe, before heading back to lower elevations again at the end of the season. Passed down through the generations, folklore is that cattle herds were driven directly on Highway 50 before it was paved as well as right through many El Dorado County towns' main streets.

Forest Service records dating back to 1911 show that the permitted number of cattle and horses allowed to graze in El Dorado National Forest was 7,601 animals. Following World War I in 1919, the permitted grazing numbers in the El Dorado National Forest peaked at 11,250 animals^[4]. This spike corresponds to total cattle numbers countywide, which climbed to an all-time high of 15,977 head in 1920^[1]. El Dorado was proving to be a good place to range and raise cattle. By 1930, there were 97 livestock ranches and 28 dairy farms in El Dorado County. Together, they made up nearly 30% of the total value of farm land and buildings; though they only accounted for about 15% of the total farms^[1]. Even into the mid-twentieth century, well after the peak of cattle numbers, ranchers readily sought out good grazing land in El Dorado County. Larry Cameron, namesake for what is now Cameron Park, purchased 5,000 acres of rolling oak woodland in the 1950's to expressly run cattle on^[2].

That's not to say times were always flush for ranchers trying to earn a living. The popularity and affordability of the automobile and the tractor changed the American landscape on all fronts. By 1939, forage and grain acreage dropped significantly due to machinery replacing cattle and horse teams^[1]. Paved roads led both cars and the families filling them to discover the many once remote recreational vistas within our county, and subsequently many grazing allotment, borders. The El Dorado National Forest grazing permit numbers had dropped to 6,904 animals by 1930 and 4,859 animals by 1959 to allow for mix-use sites^[4].

Other losses of grazing sites came when multiple dams were built throughout the Crystal Basin and Crystal Range. For instance, when the Union Valley Reservoir project was completed in 1963 an unintended consequence was that the Reservoir wound up submerging large forage areas and even a ranch headquarters. An increase in recreationalists using the same areas, as well as an overall decrease in grazing site acreage and forage accessibility, meant instead of being able to drive cattle onto larger allotments the cattle now needed to be hauled in to multiple smaller ones. Profitability dropped. Over this same amount of time, changes to the beef industry were taking place across the state. Steers were being butchered younger and on feedlots as opposed to rangeland. In El Dorado County a post-World War II real estate boom was underway. It became more lucrative to subdivide and develop parcels than to range cattle on them^[4]. This microcosm of a statewide issue led to the formation of the Williamson Act in 1965, which provides property tax relief to open-space and farmland in exchange for keeping the parcels undeveloped.

The Williamson act saved many ranching families, some of who had roots in El Dorado County that reached back into the gold rush days.

Continued on inside back page...

2016 CROP REPORT

El Dorado and
Alpine Counties

Department of Agriculture/ Weights & Measures Staff

Agricultural Commissioner Sealer of Weights and Measures

Charlene Carveth

Deputy Agricultural Commissioner Sealer of Weights and Measures

LeeAnne Mila

Agricultural Biologists/ Standards Inspectors

Shae Cheli ~ Jessica Fowler ~ Heather Meleski
~ KC Sare ~ CJ Seado

Wildlife Services

John Chandler ~ Jody Nicholas

Administrative Staff

Deanna Tompkins ~ Myrna Tow

Seasonal Agricultural Biology Technicians

Charlie Charm ~ Tom Williams
John Borgnis ~ Johanna Crowley
DJ Sears ~ Jacob Cummings ~ Griffith Evans

Table of Contents

El Dorado County

Agricultural Commissioner's Letter	i
Fruit & Nut Crops	1
Apples	1
Pears	1
Wine Grapes	2
Other Fruit & Nut Crops	2
Totals	3
Livestock	3
Hay & Pasture	4
Apiary Products	4
Nursery Products	4
Christmas Trees	5
Timber Harvested and By-products	5
Agricultural Production Summary	6
Agricultural Department Summary	8
Certified Farmers Market Summary	9

Alpine County

Livestock	7
Hay & Pasture	7
Agricultural Department Summary	8



El Dorado and Alpine Counties

Department of Agriculture, Weights and Measures



311 Fair Lane, Placerville, CA 95667

(530) 621-5520 Main

(530) 626-4756 Fax

Email: eldcag@edcgov.us



Karen Ross, Secretary

California Department of Food and Agriculture

Board of Supervisors

El Dorado County

John Hidahl	District 1
Shiva Frentzen	District 2
Brian Veerkamp	District 3
Michael Ranalli	District 4
Sue Novasel	District 5

Alpine County

Donald M. Jardine	District 1
Ron Hames	District 2
Katherine Rakow	District 3
Terry Woodrow	District 4
David Griffith	District 5

It is my pleasure to submit the 2016 Crop and Livestock Report for El Dorado & Alpine Counties. The report is produced in accordance with Section 2279 of the California Food and Agricultural Code and summarizes the acreage, production and gross values of the Counties' agricultural commodities.

The gross crop value for the County of El Dorado was \$61,859,905 million, representing a decrease of 3.2% from the 2015 values. Apples and apple products remained the leading crop with a total value of \$19.2 million. Livestock rose to the second leading crop with a value of \$10.7 million. Winegrape values increased by 7.9% over the 2015 values to \$8.7 million. Timber values were \$5,322,915, which was the largest decline with a decrease of 60%.

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 to the County of El Dorado's economy totaled approximately \$560 million in 2016, of which, Apple Hill and value-added products contributed an estimated \$255 million while the wine industry added another \$287 million.

Alpine County's gross crop value for 2016 was estimated to be \$5.5 million. This was a decline of 2.5% from the 2015 values. Price per hundredweight for cattle was the main decrease from the previous year.

I would like to express my sincere appreciation to the producers, agricultural business representatives and public agencies that provided information to produce this report. I would like to thank Heather Meleski and LeeAnne Mila for their work in compiling the report and Jessica Fowler for her work on the design.

Respectfully submitted,

A handwritten signature in black ink that reads "Charlene Carveth".

CHARLENE CARVETH

Agricultural Commissioner

Sealer of Weights and Measures

Fruit and Nut Crops

Apples



Crop	Year	Acreage	Total Production	Unit	Value Per Unit	Total Value
Fresh	2016		5964	Tons	2500	\$14,910,000
	2015		5450	Tons	\$2,219	\$12,093,550
Juice/Cider	2016		220,317	Gallons		1,982,852
	2015		200,986	Gallons		\$1,507,395
Cannery/Apple Hill Products*	2016					\$2,385,321
	2015					\$2,112,148
Total Apples	2016	852				\$19,278,173
	2015	852				\$15,713,093

*Includes all "enhanced agricultural products" such as fruit/nut pies and jams


Pears



Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value Per Unit	Total Value
Bartlett/Bosc	2016	65	2.1	137	Tons	3155	\$432,235
	2015	65	3.34	217	Tons	\$2,972	\$644,924
Asian	2016	40	6.2	248	Tons	4,852	\$1,203,296
	2015	40	0.1	4	Tons	\$4,100	\$16,400
Total Pears	2016	105					\$1,635,531
	2015	105					\$661,324

Fruit and Nut Crops

Wine Grapes




Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value** Per Unit	Total*** Value
Bearing	2016	2,337	2.4	6,026	Tons	\$1,561	\$8,740,953
	2015	2,221	2.1	5,366	Tons	\$1,502	\$8,098,780
Non-bearing	2016	184	Total Grape Acreage 2016* = 2,522 acres				
	2015	199	Total Grape Acreage 2015* = 2,420 acres				

*2015 acreage numbers reflect actual responses by the agricultural community for the 2015 Wine Grape Survey

** Reflects the average price of all wine grape varieties

*** Crop Values reported in the El Dorado County Wine Grape Surveys


Other Fruit & Nut Crops



Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value Per Unit	Total Value
Peaches	2016	110	3.36	370	Tons	\$5,000	\$1,850,000
	2015	110	3.58	394	Tons	\$5,000	\$1,970,000
Plums	2016	52	3.33	173	Tons	\$4,200	\$726,600
	2015	52	2.54	132	Tons	\$4,200	\$554,736
Olives	2016	62			Gallons		\$179,201
	2015	62			Gallons		\$181,294
Walnuts	2016	126	1.52	192	Tons	\$3,500	\$672,000
	2015	126	0.41	52	Tons	\$2,940	\$152,880
Cherries	2016	50	0.92	46	Tons	\$7,600	\$349,600
	2015	50	0.15	7.5	Tons	\$7,000	\$52,500
Totals	2016						\$3,777,401
	2015						\$2,911,410

Fruit and Nut Crops

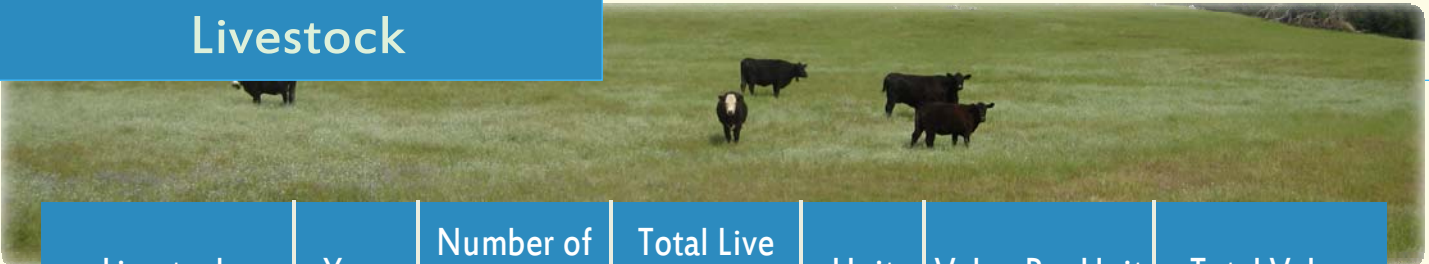
Totals



Totals	Year	Total Acreage	Total Value
Fruit & Nut Crops	2016	3,878	\$33,432,058
	2015	3,777	\$27,384,607
Minor & Misc. Crops*	2016		\$1,723,217
	2015		\$1,451,169
Total	2016		\$35,155,275
	2015		\$28,835,776

* Minor & Miscellaneous Crops include truck gardens. Berries, nectarines, citrus, chestnuts, avocados, pumpkins, tomatoes, persimmons, etc.

Livestock



Livestock	Year	Number of Head	Total Live Weight	Unit	Value Per Unit	Total Value
Cattle	2016	5,879	52,911	cwt**	\$162.00	\$8,571,582
	2015	6,204	55,836	cwt**	\$168.00	\$9,380,448
Miscellaneous*	2016					\$2,120,500
	2015					\$1,927,531
Total Livestock	2016					\$10,692,082
	2015					\$11,307,979

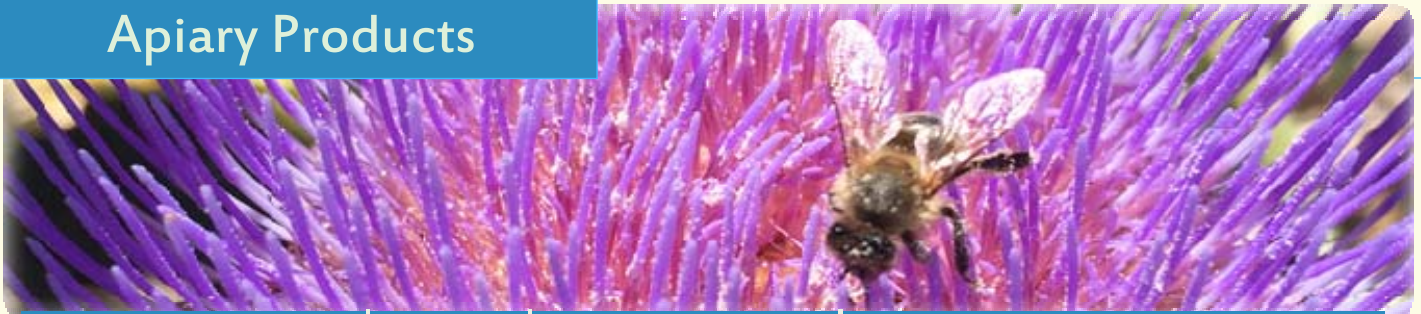
* Miscellaneous includes: Turkeys, Ducks, Chickens, Goats, Alpacas, Sheep, Pigs, Emu and Wool By-products

Hay and Pasture



Crop	Year	Acres	Units	Units		Value Per Unit	Total Value
Hay	2016	225	270	Tons		\$197.00	\$53,190
	2015	225	309	Tons		\$215.00	\$66,435
Pasture, Irrigated	2016	1581				\$140.00	\$221,340
	2015	925				\$135.00	\$124,875
Rangeland	2016	233,000				\$20.00	\$4,660,000
	2015	233,000				\$20.00	\$4,660,000
Total	2016						\$4,934,530
	2015						\$4,851,310

Apiary Products



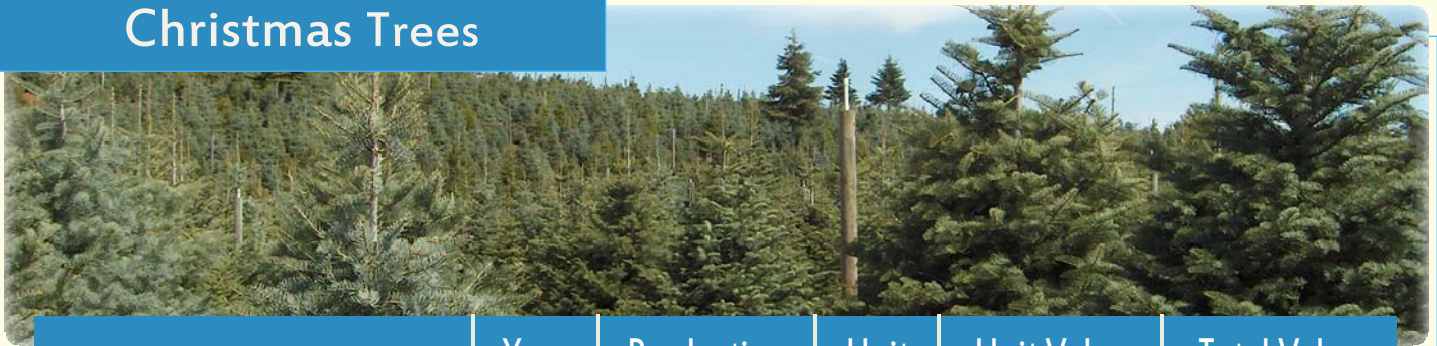
	Year	Units	Total Value
Apiary Products	2016	3,800 Colonies	\$780,000
	2015	4,400 Colonies	\$902,000

Nursery Products



	Year	Acreage	Total Value
Total Nursery	2016	36	\$2,567,417
	2015	36	\$2,467,883

Christmas Trees



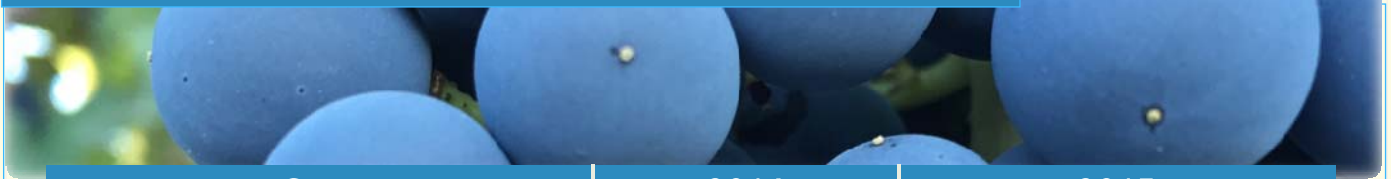
	Year	Production	Unit	Unit Value	Total Value
Choose and Cut	2016	36,102	Each	\$65.00	\$2,346,630
	2015	36,486	Each	\$62.00	\$2,262,132
Wholesale	2016	1,152	Each	\$53.00	\$61,056
	2015	1,298	Each	\$53.00	\$68,794
Total Christmas Trees	2016				\$2,407,686
	2015				\$2,330,926

Timber Harvested and By-products

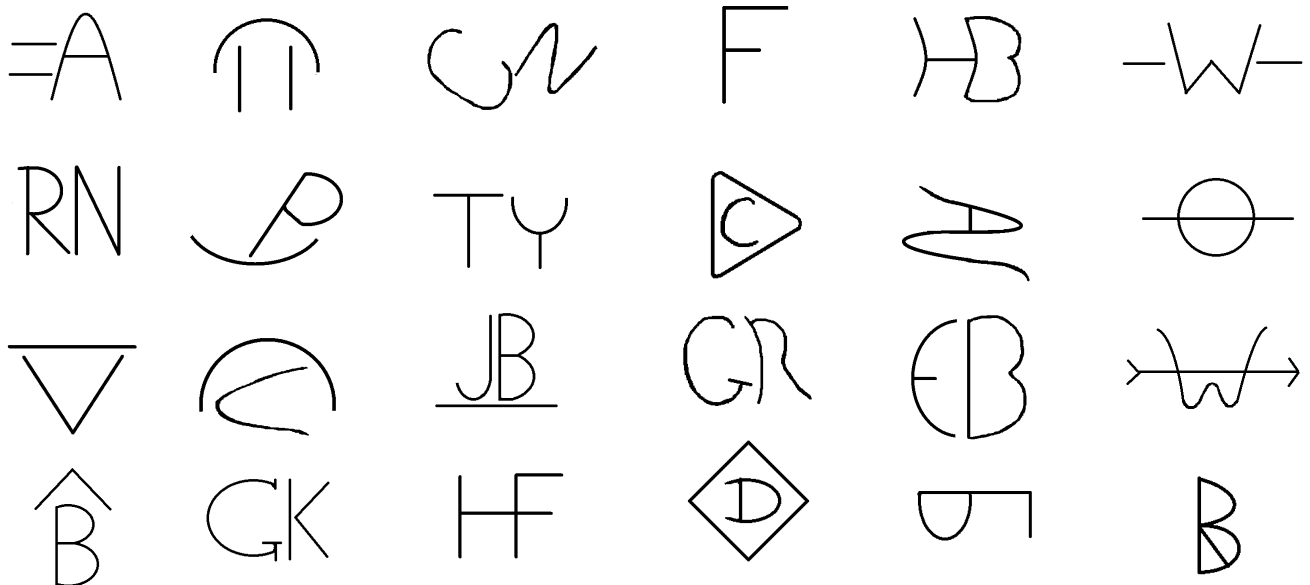


	Year	Production	Unit	Total Value
Private and Public Forest	2016	60,353	Million Board Feet	\$5,267,550
	2015	180,032	Million Board Feet	\$13,180,934
Wood Sales and Permits	2016	1,242	Million Board Feet	\$55,365
	2015	1,428	Million Board Feet	\$40,342
Total Timber	2016			\$5,322,915
	2015			\$13,221,276

Agricultural Production Summary

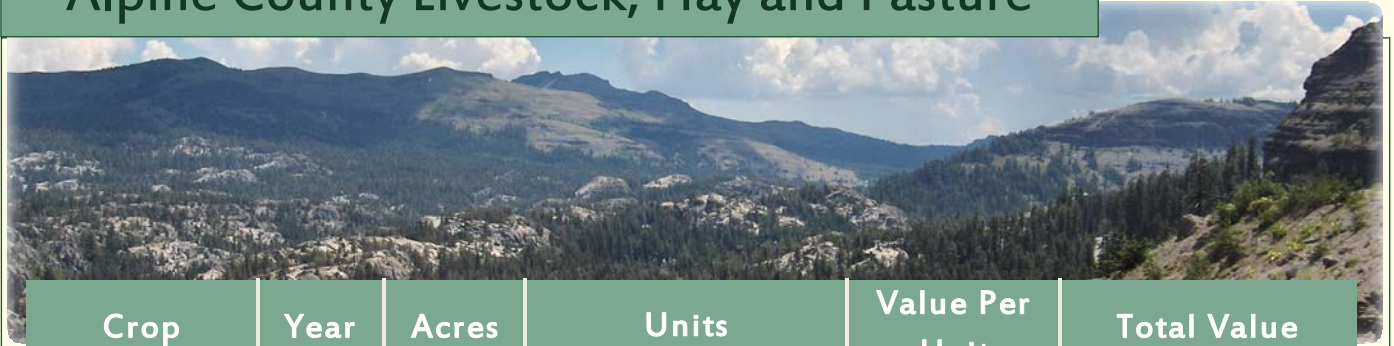


Crop	2016	2015
Apples	\$19,278,173	\$15,713,093
Livestock	\$10,692,082	\$11,307,979
Wine Grapes	\$8,740,953	\$8,098,780
Timber	\$5,322,915	\$13,221,276
Hay and Pasture	\$4,934,530	\$4,851,310
Other Fruit and Nut Crops	\$3,777,401	\$2,911,410
Nursery	\$2,567,417	\$2,467,883
Christmas Trees	\$2,407,686	\$2,330,926
Minor and Miscellaneous Crops	\$1,723,217	\$1,451,169
Pears	\$1,635,531	\$661,324
Apiary	\$780,000	\$902,000
Agricultural Gross Value	\$61,859,905	\$63,917,150



An Example of El Dorado County Cattle Brands from 1954^[6]

Alpine County Livestock, Hay and Pasture



Crop	Year	Acres	Units		Value Per Unit	Total Value
Hay	2016	250	1800	Tons	\$200.00	\$360,000
	2015	250	2000	Tons	\$200.00	\$400,000
Pasture, Irrigated	2016	2,700			\$140.00	\$378,000
	2015	2,500			\$135.00	\$337,500
Rangeland	2016	133,000			\$20.00	\$2,660,000
	2015	133,000			\$20.00	\$2,660,000
Total	2016					\$3,398,000
	2015					\$3,397,500
Cattle		# Sold	Total Weight	Unit	Value Per Unit	Total Value
	2016	1,089	13,068	cwt**	\$162.00	\$2,117,016
	2015	1,120	13,440	cwt**	\$168.00	\$2,257,920

** cwt. = hundredweight = 100 pounds.



2016 Agricultural Department Summary



In 2016, the El Dorado and Alpine County Agriculture and Weights & Measures Department:

- Placed over 632 insect traps throughout the counties in both urban and rural areas and serviced them 4,579 times to detect and prevent the establishment of exotic and harmful pests (Pest Detection Program).
- Placed 419 Glassy-winged Sharpshooter (GWSS) traps throughout the county in rural, urban, and nursery settings, inspecting and servicing them 4,555 times (Pest Management Program).
- Inspected 158 nursery stock shipments entering the county from known GWSS infected areas (Pest Management Program).
- Conducted 170 inspections at over 145 locations to prevent the introduction of detrimental pests that are not of common occurrence in California (Pest Exclusion Program).
- Provided management of wildlife that were depredating livestock, property and/or presenting a hazard to public health and safety (Wildlife Management Program).
- Coordinated invasive weed control, education and eradication among federal, state, county and private agencies in El Dorado and Alpine Counties. Participated as an integral partner in the El Dorado, Lake Tahoe Basin, and Alpine/Upper Carson Weed Management Area Groups (Pest Eradication Program).
- Conducted the Pesticide Monitoring Program to protect public health, property, the environment and agricultural workers in partnership with the California Department of Pesticide Regulation (Pesticide Use Monitoring Program).
- Inspected 611 certified producers' scales, individual farm scales, winery platform scales, and livestock scales. Inspected 2,167 measuring devices, retail meters, electric meters, water meters and submeters. Scales and meters are inspected to ensure consumer protection and equity in the marketplace (Weights and Measures Program).
- Issued 66 Certified Producer's Certificates for growers selling at Certified Farmer's Markets.
- Issued 9 Farmers Market Certificates
- Reviewed 24 Organic Farm Registrations

2016 Agricultural Department Summary Continued



El Dorado County Certified Farmer's Markets of 2016

<p>Diamond Springs Farmers' Market 484 Main Street, Diamond Springs Year Round</p>	<p>El Dorado County Farmers' Market American Legion Hall Parking Lot, South Lake Tahoe June 7th to October 11th</p>
<p>El Dorado County Farmers' Market Burke's Junction Parking Lot, Cameron Park May 18th to September 28th</p>	<p>El Dorado County Farmers' Market Community Service District Parking Lot, El Dorado Hills June 2th to August 28th</p>
<p>El Dorado County Farmers' Market Ivy House Parking Lot, Placerville May 7th to November 12th</p>	<p>El Dorado County Farmers' Market Town Center Parking Lot, El Dorado Hills May 15th to October 30th</p>
<p>Main Street Certified Farmers' Market Main Street, Placerville June 4th to September 9th</p>	<p>People's Mountain Market Garden Valley Park, Garden Valley June to October</p>
<p>SOL Community Farmers' Market 247 Main St, Placerville June 8th to November 12th</p>	

1. 1939 El Dorado County Agricultural Program Building Committee. Compiled by Members of the 1939 Agricultural Economic Planning Conference.

2. http://www.edcgov.us/Living/Stories/Story_Index.aspx

3. <http://www.historichwy49.com/placer/eldohist.html>

4. *The Long Term Outlook for the El Dorado County Livestock Industry*. Preliminary Draft. March 21, 1961. By David Weeks.

5. El Dorado County's 2005 Crop Report

6. 1954 *Cattle Brands with 1955 Supplemental California Cattle Brands, Reinstatements and Transfers*. State of California Department of Agriculture, Division of Animal Husbandry, Bureau of Livestock Identification.

Portrait of Edio done by Carole Mathis.

Front cover image and inside cattle photos courtesy of the Kate Neilsen.

All other photos courtesy of El Dorado County's Agricultural Biologists both past and present.

...Continued from inside front page

Magnus and Karoline Neilsen, for example, established a homestead and ranch south of El Dorado, California sometime in the late 1870's^[5]. Other ranching family descendants still raising cattle locally include: the Bacchis, the Fornis, the Klares, the Vicinis, the Varozzas, the Walkers, and the Wunschels to name a few.

Whether a family's raised cattle locally for over a century, or only over a week, there's a new breed of rancher proudly carrying on the traditions and heritage of the previous cattlemen and women who've called El Dorado County home. Cattle are still moved between private pasturelands and Forest Service rangelands, albeit on a smaller scale. Demand in our county has shifted away from large-scale feedlots and back to smaller farm-to-fork, grass fed cattle operations, creating a boutique industry within our county. Many of our local ranchers' high quality beef can be found at both upper scale restaurants as well as at local farmer's markets. Tourist and locals alike can also purchase directly from the ranchers by using the El Dorado Resource Conservation District's directory website at:

<http://www.eldoradorcd.org/nodes/projects/localprod.htm>.

In Dedication To Edio Delfino 1930—2017



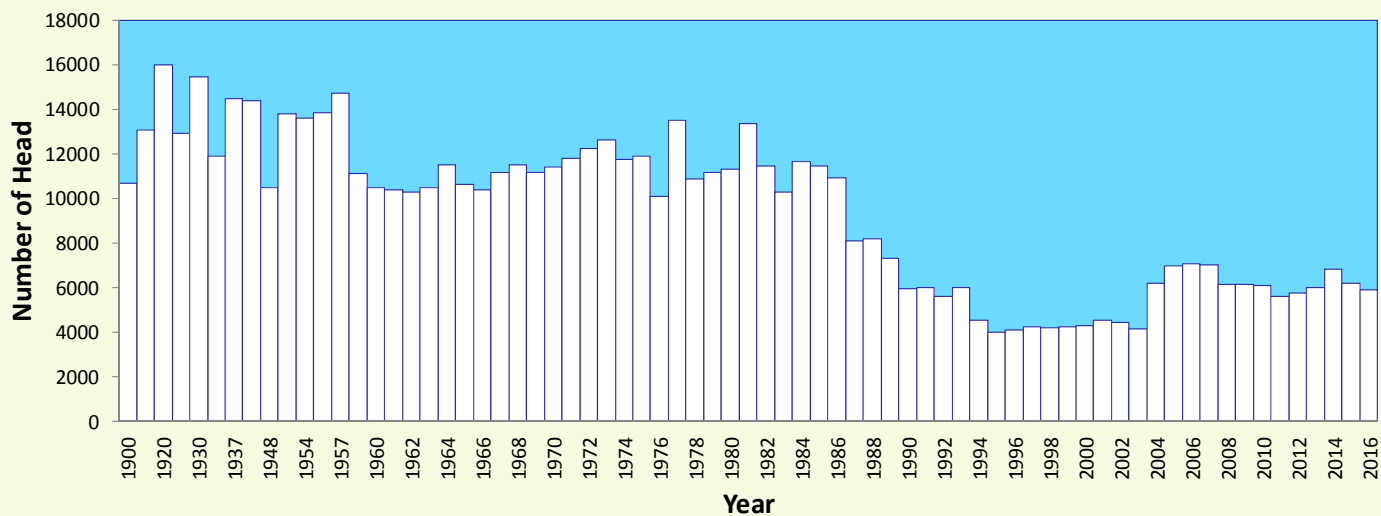
El Dorado and Alpine County Agricultural Commissioner and Sealer from 1960—1993

Edio stepped into his position as El Dorado County's Agricultural Commissioner during a devastating time for local growers. Growers were losing their crops, and their livelihoods, to pear decline. Always a proponent for agriculture, Edio, along with Gene Bolster, Dick Bethell, and Bob Tuck, worked hard to help come up with a plan to protect both local farmers and the countywide agricultural industry. As a result, the Apple Hill Growers Association was born. It was a stroke of ranch marketing genius.

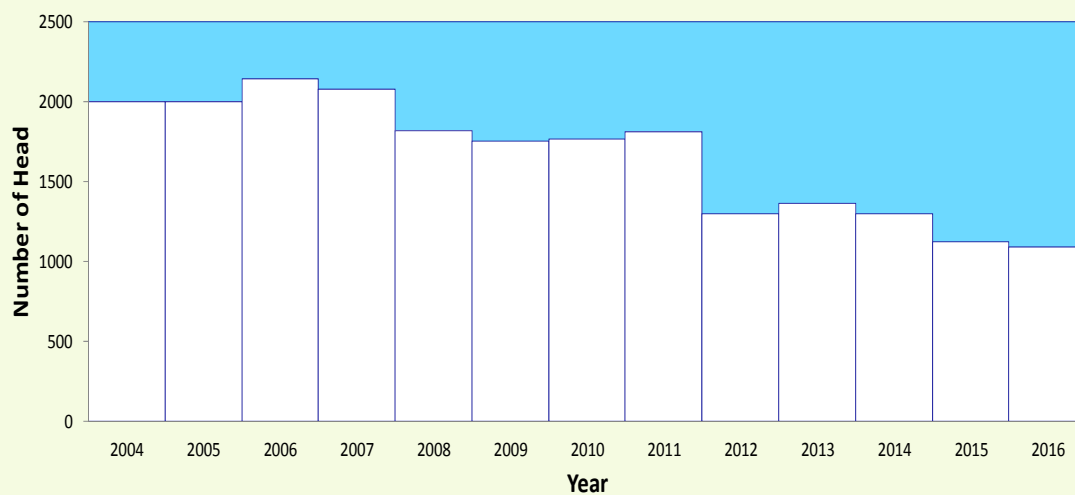
Today's Apple Hill brings close to a million visitors a year to over fifty locally owned farms. Edio even included his own family ranch, Kids Inc., on the Apple Hill Farm Trail; happily offering fresh produce and pies for sale. In the mid-1960's Edio and Dick also encouraged local growers to revitalize El Dorado County's once booming grape growing industry. That foresight has blossomed into multiple AVAs (American Viticultural Areas) with over to 2,500 acres of vineyards and more than 60 wineries.

Edio often visited the Agricultural Commissioner's office after his retirement. His mustache perched above an ever present smile and a twinkle in his eye, Edio delighted in meeting and encouraging both new and veteran staff alike. Edio was nothing less than a pillar of modern El Dorado County agriculture and is greatly missed.

Cattle in El Dorado County: Number of Head Reported Since 1900



Cattle in Alpine County: Number of Head Reported Since 2004



El Dorado ~ Alpine Counties



2017



Agricultural Crop & Livestock Report



2017 Crop Report

**El Dorado and
Alpine Counties**

Department of Agriculture/ Weights & Measures Staff

Agricultural Commissioner Sealer of Weights and Measures

Charlene Carveth

Deputy Agricultural Commissioner Sealer of Weights and Measures

LeeAnne Mila

Agricultural Biologists/ Standards Inspectors

Shae Cheli ~ Jessica Fowler ~ Heather Meleski
~ Tom Williams ~ CJ Seado

Wildlife Services

John Chandler ~ Jody Nicholas

Administrative Staff

Deanna Tompkins ~ Myrna Tow

Seasonal Agricultural Biology Technicians

Griffith Evans ~ Brooke Beals

Danee Post

DJ Sears ~ Garrett Matyac

Table of Contents

El Dorado County

Agricultural Commissioner's Letter	i
Fruit & Nut Crops	1
Apples	1
Pears	1
Wine Grapes	2
Other Fruit & Nut Crops	2
Totals	3
Livestock	3
Hay & Pasture	4
Apiary Products	4
Nursery Products	4
Christmas Trees	5
Timber Harvested and By-products	5
Agricultural Production Summary	6
Agricultural Department Summary	8
Certified Farmers Market Summary	9

Alpine County

Livestock	7
Hay & Pasture	7
Agricultural Department Summary	8



Photographs Courtesy of:

24 Carrot Farms - 2731 Jacquier Rd, Placerville CA - <https://www.24carrotfarms.com/>

Mai Farm - 941 Cold Springs Rd, Placerville, CA 95667 —<https://mai.farm/>

Rockney Farms - <https://www.facebook.com/rockneyfarms/>

Perez Family Farms

Full Moon Farm - <https://www.facebook.com/FullMoonFarmPlacerville/>

Mama Earth Farm - www.mamaearthfarm.com

Kate Nielsen

All other photography courtesy of El Dorado County Biologists



El Dorado and Alpine Counties

Department of Agriculture, Weights and Measures



311 Fair Lane, Placerville, CA 95667

(530) 621-5520 Main

(530) 626-4756 Fax

Email: eldcag@edcgov.us



Karen Ross, Secretary

California Department of Food and Agriculture

Board of Supervisors

El Dorado County

John Hidahl	District 1
Shiva Frentzen	District 2
Brian Veerkamp	District 3
Michael Ranalli	District 4
Sue Novasel	District 5

Alpine County

Donald M. Jardine	District 1
Ron Hames	District 2
Katherine Rakow	District 3
Terry Woodrow	District 4
David Griffith	District 5

It is my pleasure to submit the 2017 Crop and Livestock Report for El Dorado & Alpine Counties. The report is produced in accordance with Section 2279 of the California Food and Agricultural Code and summarizes the acreage, production and gross values of the Counties' agricultural commodities.

The gross crop value for the County of El Dorado was \$ 70,806,157 million, representing an increase of 14.5% from the 2016 values. Apples and apple products continued to be the leading crop with a total value of \$22,330,320 million. Livestock remained the second leading crop with a value of \$10,948,559 million. Wine grapes values increased by 2.0% over 2016 values to \$8.9 million. Timber values nearly doubled in 2017 at \$10,047,556, directly attributable to increased timber values per million board feet.

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 to the County of El Dorado's economy totaled approximately \$600 million in 2017, of which, Apple Hill and value-added products contributed an estimated \$263 million while the wine industry added another \$302million.

Alpine County's gross crop value for 2017 was estimated to be \$5.4 million. This was a decline of 2.3% from the 2016 values. Price per hundredweight for cattle was the main decrease from the previous year.

I would like to express my sincere appreciation to the producers, agricultural business representatives and public agencies that provided information to produce this report. I would like to thank Heather Meleski and LeeAnne Mila for their work in compiling the report.

Respectfully submitted,

A handwritten signature in cursive script, reading "Charlene Carveth".


CHARLENE CARVETH

Agricultural Commissioner

Sealer of Weights and Measures

Fruit and Nut Crops


Apples



Crop	Year	Acreage	Total Production	Unit	Value Per Unit	Total Value
Fresh	2017		6350	Tons	\$2,750	\$17,462,500
	2016		5964	Tons	\$2,500	\$14,910,000
Juice/Cider	2017			Gallons		2,215,067
	2016		220,317	Gallons		\$1,982,852
Cannery/Apple Hill Products*	2017					\$2,652,753
	2016					\$2,385,321
Total Apples	2017	852				\$22,330,320
	2016	852				\$19,278,173

*Includes all "enhanced agricultural products" such as fruit/nut pies and jams

Pears



Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value Per Unit	Total Value
Bartlett/Bosc	2017	65	2.5	163	Tons	\$3,200.00	\$521,600
	2016	65	2.1	137	Tons	\$3,155	\$432,235
Asian	2017	40	7.85	314	Tons	\$5,000	\$1,570,000
	2016	40	6.2	248	Tons	\$4,852	\$1,203,296
Total Pears	2017	105					\$2,091,600
	2016	105					\$1,635,531

Fruit and Nut Crops

Wine Grapes

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value** Per Unit	Total*** Value
Bearing	2017	2,341	2.3	5,925	Tons	\$1,630	\$8,914,415
	2016	2,337	2.4	6,026	Tons	\$1,561	\$8,740,953
Non-bearing	2017	242	Total Grape Acreage 2017* = 2,583 acres				
	2016	184	Total Grape Acreage 2016* = 2,521 acres				

*2017 acreage numbers reflect actual responses by the agricultural community for the 2017 Wine Grape Survey

** Reflects the average price of all wine grape varieties

*** Crop Values reported in the El Dorado County Wine Grape Surveys

Other Fruit & Nut Crops

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Value Per Unit	Total Value
Peaches	2017	110	2.81	309	Tons	\$5,000	\$1,545,000
	2016	110	3.36	370	Tons	\$5,000	\$1,850,000
Plums	2017	52	1.89	98	Tons	\$4,500	\$441,000
	2016	52	3.33	173	Tons	\$4,200	\$726,600
Olives	2017	62			Gallons		\$215,041
	2016	62			Gallons		\$179,201
Walnuts	2017	126	1.57	198	Tons	\$3,640	\$720,720
	2016	126	1.52	192	Tons	\$3,500	\$672,000
Cherries	2017	50	0.45	23	Tons	\$8,500	\$195,500
	2016	50	0.92	46.0	Tons	\$7,600	\$349,600
Totals	2017						\$3,117,261
	2016						\$3,777,401

Fruit and Nut Crops

Totals

Totals	Year	Total Acreage	Total Value
Fruit & Nut Crops	2017	3,940	\$36,453,596
	2016	3,878	\$33,432,058
Minor & Misc. Crops*	2017		\$2,103,446
	2016		\$1,723,217
Total	2017		\$38,557,042
	2016		\$35,155,275

* Minor & Miscellaneous Crops include truck gardens. Berries, nectarines, citrus, chestnuts, avocados, pumpkins, tomatoes, persimmons, etc.

Livestock

Livestock	Year	Number of Head	Total Live Weight	Unit	Value Per Unit	Total Value
Cattle	2017	5,946	56,487	cwt**	\$157.00	\$8,868,459
	2016	5,879	52,911	cwt**	\$162.00	\$8,571,582
Miscellaneous*	2017					\$2,080,100
	2016					\$2,120,500
Total Livestock	2017					\$10,948,559
	2016					\$10,692,082

* Miscellaneous includes: Turkeys, Ducks, Chickens, Goats, Alpacas, Sheep, Pigs, Emu and Wool By-products

Hay and Pasture



Crop	Year	Acres	Units	Units	Value Per Unit	Total Value
Hay	2017	225	250	Tons	\$189.00	\$47,250
	2016	225	270	Tons	\$197.00	\$53,190
Pasture, Irrigated	2017	1581			\$140.00	\$221,340
	2016	1581			\$140.00	\$221,340
Rangeland	2017	233,000			\$20.00	\$4,660,000
	2016	233,000			\$20.00	\$4,660,000
Total	2017					\$4,928,590
	2016					\$4,934,530

Apiary Products



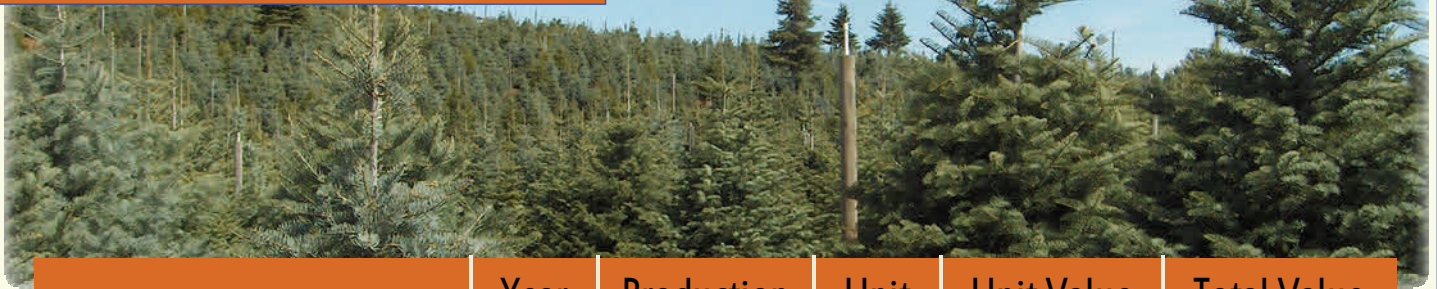
	Year	Units	Total Value
Apiary Products	2017	5200 Colonies	\$1,040,000
	2016	3,800 Colonies	\$780,000

Nursery Products



	Year	Acreage	Total Value
Total Nursery	2017	36	\$2,668,359
	2016	36	\$2,567,417

Christmas Trees



	Year	Production	Unit	Unit Value	Total Value
Choose and Cut	2017	37,129	Each	\$69.00	\$2,561,901
	2016	36,102	Each	\$65.00	\$2,346,630
Wholesale	2017	950	Each	\$57.00	\$54,150
	2016	1,152	Each	\$53.00	\$61,056
Total Christmas Trees	2017				\$2,616,051
	2016				\$2,407,686

Timber Harvested and By-products



	Year	Production	Unit	Total Value
Private and Public Forest	2017	73,606	Million Board Feet	\$9,948,535
	2016	60,353	Million Board Feet	\$5,267,550
Wood Sales and Permits	2017	2,874	Million Board Feet	\$99,021
	2016	1,242	Million Board Feet	\$55,365
Total Timber	2017			\$10,047,556
	2016			\$5,322,915

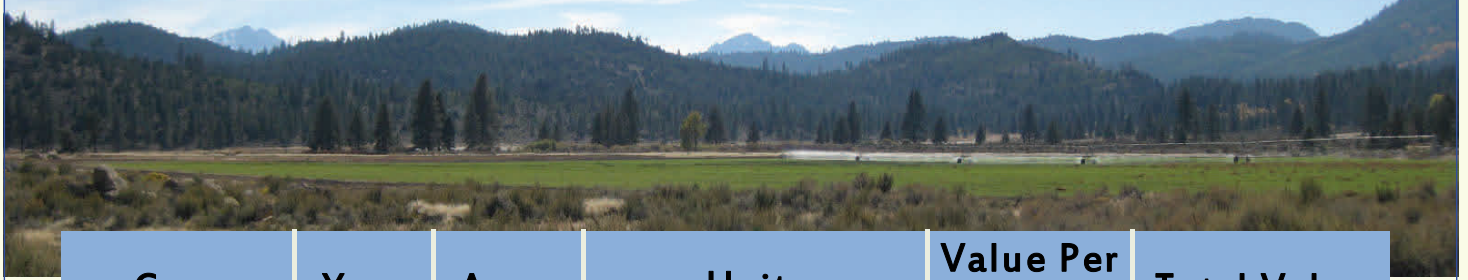
Agricultural Production Summary



Crop	2017	2016
Apples	\$22,330,320	\$19,278,173
Livestock	\$10,948,559	\$10,692,082
Timber	\$10,047,556	\$5,322,915
Wine Grapes	\$8,914,415	\$8,740,953
Hay and Pasture	\$4,928,590	\$4,934,530
Other Fruit and Nut Crops	\$3,117,261	\$3,777,401
Nursery	\$2,668,359	\$2,567,417
Christmas Trees	\$2,616,051	\$2,407,686
Minor and Miscellaneous Crops	\$2,103,446	\$1,723,217
Pears	\$2,091,600	\$1,635,531
Apiary	\$1,040,000	\$780,000
Agricultural Gross Value	\$70,806,157	\$61,859,905



Alpine County Livestock, Hay and Pasture



Crop	Year	Acres	Units		Value Per Unit	Total Value
Hay	2017	250	2000	Tons	\$200.00	\$400,000
	2016	250	1800	Tons	\$200.00	\$360,000
Pasture, Irrigated	2017	2,900			\$172.00	\$498,800
	2016	2,700			\$140.00	\$378,000
Rangeland	2017	133,000			\$20.00	\$2,660,000
	2016	133,000			\$20.00	\$2,660,000
Total	2017					\$3,397,500
	2016					\$3,398,000
Cattle		# Sold	Total Weight	Unit	Value Per Unit	Total Value
	2017	1,095	12,592	cwt**	\$158.00	\$1,989,536
	2016	1,089	13,068	cwt**	\$162.00	\$2,117,016

** cwt. = hundredweight = 100 pounds.



2017 Agricultural Department Summary

In 2017, the El Dorado and Alpine County Agriculture and Weights & Measures Department:

- Placed over 462 insect traps throughout the counties in both urban and rural areas and serviced them 7,414 times to detect and prevent the establishment of exotic and harmful pests (Pest Detection Program).
- Placed 385 Glassy-winged Sharpshooter (GWSS) traps throughout the county in rural, urban, and nursery settings, inspecting and servicing them 5,266 times (Pest Management Program).
- Inspected 217 nursery stock shipments entering the county from known GWSS infected areas (Pest Management Program).
- Conducted 202 inspections at over 178 locations to prevent the introduction of detrimental pests that are not of common occurrence in California (Pest Exclusion Program).
- Provided management of wildlife that were depredating livestock, property and/or presenting a hazard to public health and safety (Wildlife Management Program).
- Coordinated invasive weed control, education and eradication among federal, state, county and private agencies in El Dorado and Alpine Counties. Participated as an integral partner in the El Dorado, Lake Tahoe Basin, and Alpine/Upper Carson Weed Management Area Groups (Pest Eradication Program).
- Conducted the Pesticide Monitoring Program to protect public health, property, the environment and agricultural workers in partnership with the California Department of Pesticide Regulation (Pesticide Use Monitoring Program).
- Inspected 323 certified producers' scales, individual farm scales, winery platform scales, and livestock scales. Inspected 2,278 measuring devices, retail meters, electric meters, water meters and submeters. Scales and meters are inspected to ensure consumer protection and equity in the marketplace (Weights and Measures Program).
- Issued 58 Certified Producer's Certificates for growers selling at Certified Farmer's Markets.
- Issued 8 Farmers Market Certificates
- Reviewed 17 Organic Farm Registrations

2017 Agricultural Department Summary Continued



El Dorado County Certified Farmer's Markets of 2017

El Dorado County Farmers' Market
American Legion Hall Parking Lot,
South Lake Tahoe
June 6th - October 10th

El Dorado County Farmers' Market
Town Center Parking Lot, El Dorado Hills
May 21st - October 29th

El Dorado County Farmers' Market
Burke's Junction Parking Lot, Cameron Park
May 10th - September 27th

Georgetown Divide Recreation District
People's Mountain Market
Garden Valley Park, Garden Valley
June - October

El Dorado County Farmers' Market
Ivy House Parking Lot, Placerville
May 6th - November 11th

Marshall Hospital, SOL Farmer's Market
Marshall Way, Placerville
August - December

Main Street Certified Farmers' Market
Main Street, Placerville
June 4th - October 8th

SOL Community Farmers' Market
3037 Sacramento St, Placerville
May - October





