

MENDOCINO COUNTY



2017 CROP REPORT

Harinder Grewal
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COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE
890 N Bush St.
Ukiah CA 95482

November 30, 2018

KAREN ROSS, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE **and**

THE HONORABLE BOARD OF SUPERVISORS OF MENDOCINO COUNTY

Dan Hamburg, 5th District, Chair, **Georgeanne Croskey**, 3rd District, Vice chair, **Carre Brown**, 1st District,
John McCowen, 2nd District, **Dan Gjerde**, 4th District

In accordance with Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2017 annual crop report for Mendocino County. This report reflects the total **gross value** of agricultural commodities produced in the county and not the net returns for producers.

The total gross agricultural value for all commodities produced in 2017 was **\$268,692,700**, which represents a 10.8% increase compared to the 2016 value of **\$242,533,700**. The leading agricultural commodity continues to be wine grapes, at **\$120,080,200**. Agricultural production, excluding timber, totaled **\$166,692,700**. Timber represents the second highest value commodity, with a gross "at mill" value of **\$102,000,000**. Mendocino County ranked 4th in the state in timber volumes and produced roughly 7.6% of the state's total timber harvest in 2017.

The statewide increase in timber production, up 5%, correlates with the increased production of timber in Mendocino County. Higher timber prices as well as increased production, lead to a 33% increase in gross value, and the highest value since the year 2000. Pear production tons were slightly up, but were offset by lower prices, leading to a 2% decrease in overall value. Prices for fresh packed apples and juice remained high, but contracted tonnage amounts with the processors lead to a dramatic decrease in market value, **\$333,000**, down 35% from 2016.

Cattle inventories were up slightly, finally making some recovery after years of drought. A stable market price and more animals going to auction lead to a **\$9,113,400** production value, up 3% when compared to 2016. Decreased production in milk was easily offset by significantly higher returns, resulting in a slight increase in overall valuation compared to 2016.

I wish to express my sincere appreciation to the many producers and agencies that furnish the necessary information that makes this report possible. I would also like to thank the University of California Cooperative Extension and all the members of my staff, including Caralyn Gulseth, Matt Daugherty, Deanna Norton and Aaron Hult for their hard work, valuable input and assistance in producing this report.

Respectfully submitted,

Harinder Grewal
Agricultural Commissioner/Sealer of Weights and Measures

**MENDOCINO COUNTY
DEPARTMENT OF AGRICULTURE**

ANNUAL CROP REPORT FOR 2017

MENDOCINO COUNTY BOARD OF SUPERVISORS

Dan Hamburg (Chair)District 5
Carre Brown. . . .District 1 Georgeanne Croskey. . District 3
John McCowen . . District 2 Dan Gjerde. . . District 4

Department of Agriculture

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Assistant Agricultural Commissioner /Assistant Sealer of Weights & Measures

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Matt Daugherty	Aaron Hult
Elizabeth Garcia	Andy Walker
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Caralyn Gulseth
Jennifer Kraus
Deanna Norton
Tina Smith
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Seasonal Inspectors

John Attaway	Amanda Ekstrand
Kevin Gonsalves	Sheryl Greene
Ray Hall	Bill Kubran
Dennis Winchester	

* Front cover photo credits go to Cassie Taaning

FRUIT AND NUT CROPS

COMMODITY	YEAR	BEARING ACREAGE	TONS PER ACRE	PRODUCTION IN TONS	\$ PER TON	VALUE
APPLES, TOTAL	2017	216	1.6	348	\$ 950⁽⁴⁾	\$ 333,000
	2016	216	2.2	479	\$ 1,076 ⁽⁴⁾	\$ 515,400
<i>Fresh</i>	2017			52	\$ 3,180	\$ 165,360
	2016			189	\$ 2,060	\$ 389,900
<i>Other</i> <i>(Dried, Juice, etc.)</i>	2017			296	\$ 556	\$ 164,600
	2016			290	\$ 434	\$ 125,900
WINE GRAPES, TOTAL	2017	16,443	4.3	70,802	\$ 1,696	\$ 120,080,200
	2016	16,375	4.8	77,984	\$ 1,542	\$ 120,251,300
<i>White</i> <i>Varieties</i>	2017	5,716	5.2	29,599		
	2016	5,667	6.6	37,172		
<i>Red</i> <i>Varieties</i>	2017	10,727	3.8	41,203		
	2016	10,708	3.8	40,812		
PEARS, TOTAL (1)	2017	1,263	18.9	23,863	\$ 610⁽⁴⁾	\$ 14,556,400
	2016	1,305	17.7	23,128	\$ 644 ⁽⁴⁾	\$ 14,894,400
<i>Bartlett (2)</i>	2017	1,111	19	21,168	\$ 519	\$ 10,896,200
	2016	1,153	19.1	20,649	\$ 564	\$ 11,666,700
<i>Canning</i>	2017			15,288	\$ 398	\$ 6,084,600
	2016			15,311	\$ 463	\$ 7,088,900
<i>Fresh (2)</i>	2017			5,010	\$ 942	\$ 4,719,400
	2016			4,067	\$ 1,145	\$ 4,656,700
<i>Other</i> <i>(Baby Food</i> <i>Dried, Paste)</i>	2017			870	\$ 168	\$ 146,200
	2016			1,271	\$ 260	\$ 213,200
<i>Bosc(2)</i>	2017	91	20.0	1,820	\$ 1,289	\$ 2,346,000
	2016	91	19.6	1,784	\$ 1,200	\$ 2,140,800
<i>Red (2)</i>	2017	61	14.3	875	\$ 1,501	\$ 1,313,400
	2016	61	11.4	695	\$ 1,490	\$ 1,035,600
MISC. TOTAL (3)	2017	245				\$ 950,000
	2016	249				\$ 900,000
TOTALS:	2017	18,185				\$ 135,919,600
	2016	18,145				\$ 136,561,100

(1) Does not include misc./other pears. See (3)

(2) The fresh values listed for pears are FOB values. The actual average prices paid per ton to the growers (farm gate values) for 2017 were: Bartlett \$443, Bosc \$525, and Reds \$500. for 2016 were: Bartlett \$443, Bosc \$525, and Reds \$500.

(3) Miscellaneous includes berries, cherries, chestnuts, olives, other pears, guava, peaches, persimmons, table grapes pistachios and walnuts

(4) Weighted average

Some Values throughout this report may not compute exactly due to computational rounding.

FRUIT, NUT, AND GRAPEVINE ACREAGE

CROP	ACRES BEARING	ACRES NON-BEARING	TOTAL
APPLES	216	0	216
WINE GRAPES, TOTAL	16,443	697	17,140
Red	10,727	424	11,151
White	5,716	273	5,989
OLIVES	115	5	120
PEARS, TOTAL	1,282	0	1,282
Bartlett	1,111	0	1,111
Red	61	0	61
Bosc	91	0	91
Other	19	0	19
WALNUTS, ENGLISH	24	0	24
MISCELLANEOUS*	85	0	85
TOTALS:	18,165	702	18,867

*Miscellaneous includes berries, cherries, chestnuts, guava, peaches, persimmons, pistachios, plums, and table grapes.



LIVESTOCK INVENTORIES

<u>COMMODITY</u>	<u>2017</u>	<u>2016</u>
All Cattle and Calves	17,000	16,800
Sheep and Lambs, all	10,400	10,000
Hogs and Pigs	800	850
Other Livestock*	4,100	4,400

*Other Livestock includes goats, bison, llama, poultry and rabbits

LIVESTOCK PRODUCTION

<u>COMMODITY</u>	<u>YEAR</u>	<u>NO. OF HEAD</u>	<u>TOTAL CWT** LIVE WT.</u>	<u>\$ PER</u>	<u>\$ VALUES</u>
CATTLE AND CALVES	2017	8,300	50,630	\$180	\$9,113,400
	2016	8,100	48,600	\$182	\$8,845,200
SHEEP AND LAMBS	2017	4,350	4,135	\$152	\$628,500
	2016	4,100	3,570	\$148	\$528,360
HOGS AND PIGS	2017	640	1,480	\$83	\$122,800
	2016	600	1,320	\$79	\$104,300
MISCELLANEOUS*	2017				\$550,000
	2016				\$600,000
TOTALS:	2017				\$10,414,700
	2016				\$10,077,860

*Miscellaneous includes goats, pigeons, poultry, rabbits, turkeys, bison and aquaculture (fish farms).

**CWT= 100 lbs.



LIVESTOCK AND POULTRY PRODUCTS

<u>COMMODITY</u>	<u>YEAR</u>	<u>PRODUCTION IN LBS.</u>	<u>PER UNIT</u>	<u>\$ VALUE</u>
MILK	2017	206,729 CWT.	\$18.39	\$3,801,750
	2016	233,593 CWT.	\$15.98	\$3,732,816
WOOL	2017	37,000 LB.	\$1.45	\$53,650
	2016	35,000 LB.	\$1.50	\$52,500
MISCELLANEOUS*	2017			\$1,400,000
	2016			\$1,350,000
TOTALS:	2017			\$5,255,400
	2016			\$5,135,316

*Miscellaneous includes apiary, eggs, emus, cheese, manure, and ostriches.

NURSERY PRODUCTION

<u>COMMODITY</u>	<u>YEAR</u>	<u>GREENHOUSE SQUARE FEET</u>	<u>FIELD ACRES</u>	<u>\$ VALUES</u>
Nursery*	2017	59,000	23	\$1,545,500
	2016	62,000	23	\$1,208,175
Christmas Trees	2017	N/A	N/A	\$18,500
	2016	N/A	N/A	\$17,400
TOTALS	2017	59,000	23	\$1,564,000
	2016	62,000	23	\$1,225,575

*Includes turf and cut flowers



VEGETABLE CROPS

	<u>YEAR</u>	<u>ACRES</u>	<u>\$ VALUES</u>
Miscellaneous Vegetables*	2017	335	\$1,085,000
	2016	340	\$1,115,000

*Includes beans, sweet corn, garlic, herbs, melons, peas, potatoes, squash, tomatoes, etc.

FIELD CROPS

<u>COMMODITY</u>	<u>YEAR</u>	<u>ACRES</u>	<u>YIELD/ ACRE</u>	<u>TOTAL YIELD</u>	<u>PER AUM</u>	<u>\$ VALUES</u>
IRRIGATED PASTURE	2017	3,500	9.00 AUM*	31,500	\$28.00	\$882,000
	2016	3,500	9.00 AUM*	31,500	\$27.00	\$850,500
PASTURE, other (grassland, coast bench)	2017	363,000	1.05 AMU*	381,150	\$15.00	\$5,717,250
	2016	363,000	1.03 AUM*	373,890	\$14.00	\$5,234,500
RANGE	2017	355,000	.70 AUM*	248,500	\$13.50	\$3,354,750
	2016	355,000	.67 AUM*	237,850	\$12.50	\$2,937,200
MISCELLANEOUS**	2017					\$2,500,000
	2016					\$2,700,000
TOTALS:	2017					\$12,454,000
	2016					\$11,722,200

*AUM means Animal Unit Month (food required to feed a 1,000 pound steer for one month).

**Miscellaneous includes alfalfa, barley, beans, corn, hay and oats.

FOREST PRODUCTS

TIMBER	2017	2016
Log Production (board feet)	120,460,000	106,727,000
Total Stumpage Value, net	\$60,268,820	\$39,342,167
Total Value at Mill, gross	\$102,000,000	\$76,696,600

- 1) Calendar year 2017 showed an increase (Approx.13%) in timber harvest volume when compared to 2016.
- 2) The average price for stumpage based on the information provided by the Board of Equalization is approximately **\$500/mbf** for reported timber harvested in Mendocino County.
- 3) Stumpage values were slightly higher - **\$500/mbf** for 2017 compared to \$368/mbf for 2016.
- 4) The combined value of delivered value at the mill includes both stumpage (\$500/mbf) and logging and hauling costs (approx. \$350/mbf) for a total value of \$850/mbf = **\$102,000,000**.
- 5) Mendocino County produced approximately 7.6% of the total timber produced in the state in 2017.
- 6) The State's reported total timber harvest volume for 2017 = 1,578,441 mbf. Compared to 2016 (1,502,874 mbf) represents roughly a 5% increase in total state harvest volume.
- 7) Mendocino County ranked 4th in the state in timber volumes for 2017. The top ranking counties in 2017 were Humboldt, Siskiyou, Shasta, Mendocino and Plumas.

Data based on information from Gregory A. Giusti, U.C. Cooperative Extension.

10 YEAR COMPARISON (LOG PRODUCTION)

<u>YEAR</u>	<u>Log Production (Board Feet)</u>	<u>Value at Mill (Gross)</u>
2017	120,460,000	\$102,000,000
2016	106,727,000	\$76,696,600
2015	121,701,000	\$83,730,300
2014	115,197,000	\$74,980,000
2013	111,574,000	\$66,051,800
2012	121,850,000	\$71,587,951
2011	89,795,000	\$59,085,110
2010	94,724,000	\$57,673,418
2009	43,801,000	\$25,448,400
2008	92,652,000	\$67,004,000



SUSTAINABLE AGRICULTURE

ORGANIC ACRES

Beginning January 1, 2017, changes to the Organic Food and Farming Act no longer require organic registrants in California to provide detailed commodity information and acreage to the state upon initial registration or during renewal. Before these changes, the state and its counties had been collecting detailed information on specific crop commodities, their acreage, and associated value. This allowed counties to evaluate the contribution of organic agriculture to the overall county economy and to ascertain the ratio of organic to conventional acreage. The total production acreage is now reported by registrant rather than by commodity. Due to these changes, the Department can only report on the total organic acreage farmed in Mendocino County. We have **126** organic registrants farming approximately **14,000 acres**. It is important to note that the acreage number may be inflated due to multiple commodities being registered per parcel.

For more information on the Organic Food and Farming Act, please visit the California Department of Food and Agriculture's State Organic Program website at www.cdfa.ca.gov/is/i_&c/organic.html.

PEST EXCLUSION

Parcel Post & Truck Shipment Inspections

SHIPMENTS INSPECTED	EXOTIC PESTS INTERCEPTED	SHIPMENTS REJECTED
1,397	3	7

BIOLOGICAL CONTROL

BIO-CONTROL AGENT	SCOPE OF PROGRAM
Bull Thistle Gall Fly.....	3 Sites
Gorse Weevil.....	Generally Distributed
Gorse Spider Mite.....	Generally Distributed
Italian Thistle Seed Head Weevil.....	Widely Distributed
Klamath Weed Beetles.....	Widely Distributed
Klamath Weed Root Borers.....	Widely Distributed
Puncture Vine Seed Weevil.....	Generally Distributed
Puncture Vine Stem Weevil.....	Generally Distributed
Tansy Ragwort Cinnabar Moth.....	Established
Tansy Ragwort Flea Beetle.....	Established
Yellow Starthistle Seed Head Weevil.....	Widely Distributed
Yellow Starthistle Gall Forming Fly.....	Widely Distributed
Yellow Starthistle Hairy Weevil.....	Generally Distributed
Yellow Starthistle Peacock Fly.....	Widely Distributed

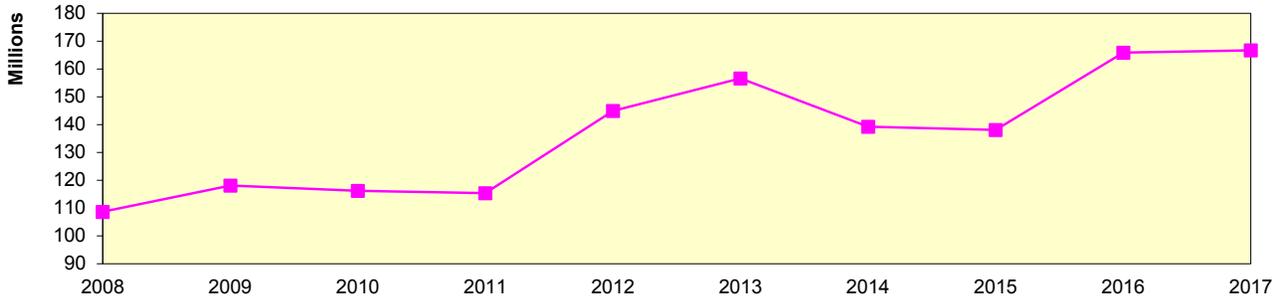


Gorse Seed Weevil
Image by George Markin, USDA
Forest Service, Bugwood.org



False Peacock Fly
Image by Mark Schwarzlander,
University of Idaho, Bugwood.org

VALUE OF MENDOCINO COUNTY AGRICULTURE (EXCLUDING TIMBER) 2008-2017



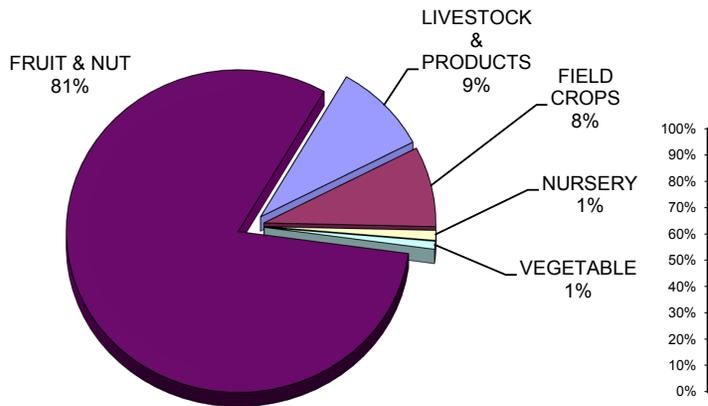
MILLION DOLLAR CROPS

WINE GRAPES	\$ 120,080,200
TIMBER	\$ 102,000,000
BARTLETT PEARS	\$ 14,556,400
CATTLE & CALVES	\$ 9,113,400
PASTURE	\$ 5,717,250
MILK	\$ 3,801,746
NURSERY	\$ 1,564,000



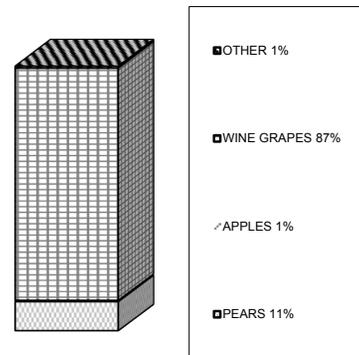
SHARES OF AGRICULTURAL VALUE

ALL AGRICULTURE (EXCLUDING TIMBER)



TOTAL \$ 166,692,700

FRUIT & NUT CROPS



TOTAL \$ 135,919,600



SUMMARY OF PRODUCTION

<u>COMMODITY</u>	<u>2017</u>	<u>2016</u>
FRUITS AND NUTS	\$ 135,919,600	\$ 136,561,100
LIVESTOCK PRODUCTION	\$ 10,414,700	\$ 10,077,900
LIVESTOCK AND POULTRY PRODUCTS	\$ 5,255,400	\$ 5,135,300
NURSERY PRODUCTION	\$ 1,564,000	\$ 1,225,600
VEGETABLE CROPS	\$ 1,085,000	\$ 1,115,000
FIELD CROPS	\$ 12,454,000	\$ 11,722,200
FOREST PRODUCTS	\$ 102,000,000	\$ 76,696,600
TOTALS:	\$ 268,692,700	\$ 242,533,700

SUPPLEMENT TO CROP REPORT: COMMERCIAL FISH CATCH

<u>COMMODITY</u>	<u>TOTAL LBS</u>	<u>TOTAL VALUE</u>
CRAB, DUNGENESS	1,411,255	\$ 4,553,627
SABLEFISH	1,034,102	\$ 2,400,724
SALMON, CHINOOK	40,114	\$ 373,627
SEA URCHIN, RED	458,950	\$ 477,608
SOLE, DOVER	761,769	\$ 335,280
SOLE, PETRALE	270,753	\$ 349,179
THORNYHEAD, SHORTSPINE	151,845	\$ 159,692
THORNYHEAD, LONGSPINE	487,670	\$ 149,300
HAGFISH	144,498	\$ 129,728
LINGCOD	75,669	\$ 129,663
MICELLANEOUS	480,125	\$ 450,735
TOTALS:	5,316,750	\$ 9,509,163



COMMERCIAL FISH CATCH TEN YEAR VALUE COMPARISON

<u>YEAR</u>	<u>POUNDS</u>	<u>VALUE</u>
2017	5,316,750	\$ 9,509,163
2016	4,255,270	\$ 7,664,567
2015	6,626,041	\$ 11,174,296
2014	8,857,427	\$ 14,356,515
2013	10,278,045	\$ 17,280,900
2012	8,884,029	\$ 15,680,257
2011	8,187,209	\$ 12,438,515
2010	7,784,183	\$ 7,691,243
2009	8,172,353	\$ 7,434,164
2008	7,203,296	\$ 7,112,954

Source - State of California Department of Fish and Game
All figures are rounded - figures are preliminary

**UKIAH 100 YEAR RAINFALL DATA
(FROM UKIAH FIRE DEPARTMENT RECORDS)**

<u>SEASON</u>	<u>TOTAL</u>	<u>SEASON</u>	<u>TOTAL</u>	<u>SEASON</u>	<u>TOTAL</u>
1914-15	49.28	1954-55	25.63	1994-95	58.88
1915-16	34.80	1955-56	51.09	1995-96	44.10
1916-17	30.23	1956-57	32.36	1996-97	39.07
1917-18	23.43	1957-58	58.87	1997-98	63.95
1918-19	37.23	1958-59	26.42	1998-99	34.77
1919-20	19.05	1959-60	32.60	1999-00	33.81
1920-21	47.94	1960-61	34.89	2000-01	26.68
1921-22	28.74	1961-62	31.46	2001-02	31.74
1922-23	30.35	1962-63	44.45	2002-03	49.70
1923-24	16.19	1963-64	24.96	2003-04	38.99
1924-25	47.44	1964-65	50.84	2004-05	41.46
1925-26	26.33	1965-66	35.46	2005-06	60.39
1926-27	47.32	1966-67	43.16	2006-07	26.15
1927-28	34.94	1967-68	32.95	2007-08	31.64
1928-29	24.44	1968-69	51.28	2008-09	22.68
1929-30	31.08	1969-70	48.71	2009-10	40.51
1930-31	20.06	1970-71	38.31	2010-11	42.78
1931-32	27.67	1971-72	25.61	2011-12	23.50
1932-33	24.71	1972-73	42.09	2012-13	24.05
1933-34	25.21	1973-74	57.09	* 2013-14	28.86
1934-35	33.05	1974-75	38.60	2014-15	26.75
1935-36	37.83	1975-76	18.75	2015-16	35.05
1936-37	29.24	1976-77	14.20	2016-17	51.65
1937-38		1977-78	53.66		
1938-39	22.86	1978-79	30.23		
1939-40	41.01	1979-80	44.79		
1940-41	56.92	1980-81	26.82		
1941-42	48.21	1981-82	55.82		
1942-43	40.41	1982-83	70.19		
1943-44	26.19	1983-84	43.76		
1944-45	31.74	1984-85	27.40		
1945-46	36.11	1985-86	48.68		
1946-47	25.90	1986-87	25.25		
1947-48	32.93	1987-88	30.22		
1948-49	27.53	1988-89	31.48		
1949-50	29.75	1989-90	26.91		
1950-51	42.28	1990-91	26.00		
1951-52	47.74	1991-92	31.38		
1952-53	45.06	1992-93	50.49		
1953-54	35.74	1993-94	23.73		

FISCAL YEAR DATA

*Starting water year 2013-2014 (October 1 - September 30), data source changed from Ukiah Fire Department records to Ukiah Municipal Airport readings.

FIVE YEAR VALUE COMPARISON

****ALL COMMODITIES****

YEAR	FRUIT/ NUTS	LIVESTOCK AND POULTRY			NURSERY PROD.	VEG PROD.	FIELD CROPS	TOTAL
		LIVESTOCK PRODUCTION	POULTRY PRODUCTS					
2017	\$ 135,919,600	\$ 10,414,700	\$ 5,255,400	\$ 1,564,000	\$ 1,085,000	\$ 12,454,000	\$ 166,692,700	
2016	\$ 136,561,100	\$ 10,077,900	\$ 5,135,300	\$ 1,225,600	\$ 1,115,000	\$ 11,722,200	\$ 165,837,100	
2015	\$ 106,933,400	\$ 11,792,400	\$ 5,519,500	\$ 1,577,300	\$ 1,150,000	\$ 11,137,500	\$ 138,110,100	
2014	\$ 106,699,000	\$ 13,245,800	\$ 6,204,600	\$ 1,380,000	\$ 1,252,000	\$ 10,514,500	\$ 139,295,900	
2013	\$ 127,883,400	\$ 9,962,700	\$ 5,299,400	\$ 1,457,600	\$ 1,200,000	\$ 10,828,300	\$ 156,631,400	



TOP TEN GRAPE VARIETY VALUES

VARIETY	Acres Bearing	Acres Total	TONS	VALUE PER TON	TOTAL VALUE
Pinot Noir	2,650	2,726	9,726	\$3,269.00	\$31,794,294
Chardonnay	4,407	4,635	23,292	\$1,331.00	\$31,001,652
Cabernet Sauvignon	2,674	2,960	10,865	\$2,197.00	\$23,870,405
Zinfandel	1,805	1,832	6,333	\$1,679.00	\$10,633,107
Merlot	1,407	1,408	5,298	\$1,346.00	\$7,131,108
Sauvignon Blanc	648	689	3,540	\$1,345.00	\$4,761,300
Petite Sirah	572	579	2,317	\$1,791.37	\$4,150,604
Syrah	608	610	2,207	\$1,541.00	\$3,400,987
Carignane	353	353	1,064	\$1,385.08	\$1,473,725
Gewurztraminer	158	161	535	\$1,935.06	\$1,035,257