

MENDOCINO COUNTY



2019 CROP REPORT

COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE
890 N. Bush Street Ukiah, CA 95482
PHONE (707) 234-6830
FAX (707) 463-0240
agcomm@mendocinocounty.org
www.mendocinocounty.org/ag



Jim Donnelly
Agricultural Commissioner
Sealer of Weights and Measures

KAREN ROSS, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE and

THE HONORABLE BOARD OF SUPERVISORS OF MENDOCINO COUNTY
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Dan Gjerde, 4th District, Chair, **Ted Williams**, 5th District, Vice-Chair

In accordance with Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2019 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 2019 was **\$271,619,209**, which represents a 15.3% decrease compared to the 2018 value of **\$320,810,620**. The leading agricultural commodity continues to be wine grapes, at **\$114,432,271**. Agricultural production, excluding timber, totaled **\$162,036,841**. Timber represents the second highest value commodity, with a gross “at mill” value of **\$109,582,368**, a 17.3% decrease over the previous year’s total of **\$132,516,260**. Mendocino County ranked 4th in the state in timber volumes and produced roughly 8.5% of the state’s total timber harvest in 2019.

Slowing construction of new homes in 2018 lead to the 17.3% decrease in gross timber value over the previous year. Pear production tons were down significantly, as were prices, leading to a 28.9% decrease in overall value. Apple prices were down moderately, but continued demand for fresh packed apples and juice, primarily for cider, lead to a 36.6% increase in total market value.

Cattle production was slightly up, but the overall population stayed relatively the same as projections about the availability of future forage remains uncertain. Even with slightly lower prices, production values were calculated to be **\$17,583,500** in 2019, a 1% increase over the previous year. Milk production values were not available due to the State switching over to a new Federal Marketing system. Historical values for milk production are usually between \$3 and \$4 million.

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 Juliana Parlet and Aaron Hult for their hard work, valuable input and assistance in producing this report.

Respectfully submitted,

Jim Donnelly
Agricultural Commissioner/Sealer of Weights and Measures

**MENDOCINO COUNTY
DEPARTMENT OF AGRICULTURE
ANNUAL CROP REPORT FOR 2019**

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MENDOCINO COUNTY BOARD OF SUPERVISORS

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Department of Agriculture




Jim Donnelly
Agricultural Commissioner / Sealer of Weights and Measures

AARON HULT Ag/Measurement Standards Specialist III
MATT DAUGHERTY Ag/Measurement Standards Specialist III
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ELIZABETH GARCIA Ag/Measurement Standards Specialist III
JULIANA PARLET Staff Assistant II

Seasonal Inspectors

John Attaway	Tracy Kline
Carl Townsend	Sheryl Greene
Ray Hall	Kirk Van Patten

FRUIT AND NUT CROPS

COMMODITY	YEAR	BEARING ACREAGE	TONS PER ACRE	PRODUCTION IN TONS	\$ PER TON		VALUE
APPLES, TOTAL	2019	216	2.7	585	\$	815 ⁽⁴⁾	\$ 476,800
	2018	216	1.9	413	\$	845 ⁽⁴⁾	\$ 349,000
<i>Fresh</i>	2019			121	\$	1,816	\$ 219,780
	2018			104	\$	2,195	\$ 228,280
<i>Other</i>	2019			464	\$	430	\$ 199,520
<i>(Dried, Juice, etc.)</i>	2018			309	\$	380	\$ 117,400
WINE GRAPES, TOTAL	2019	16,506	4.1	67,784	\$	1,688	\$ 114,432,271
	2018	16,733	4.9	81,888	\$	1,685	\$ 137,952,282
<i>White</i>	2019	5,465	5.3	28,847			
<i>Varieties</i>	2018	5,693	5.9	33,693			
<i>Red</i>	2019	11,040	3.5	38,937			
<i>Varieties</i>	2018	11,040	4.4	48,195			
PEARS, TOTAL (1)	2019	1,098	15.0	16,518	\$	576 ⁽⁴⁾	\$ 9,514,400
	2018	1,168	19.2	22,467	\$	596 ⁽⁴⁾	\$ 13,390,300
	22.86						
<i>Bartlett (2)</i>	2019	978	15.3	14,936	\$	528 ⁽⁴⁾	\$ 7,886,200
	2018	1027	18.9	19,433	\$	533 ⁽⁴⁾	\$ 10,357,800
<i>Canning</i>	2019			10,605	\$	422	\$ 4,475,300
	2018			13,869	\$	427	\$ 5,922,063
<i>Fresh (2)</i>	2019			3,734	\$	865	\$ 3,229,900
	2018			4,875	\$	871	\$ 4,246,125
<i>Other</i>	2019			597	\$	300	\$ 179,100
<i>(Baby Food</i>	2018			689	\$	295	\$ 203,300
<i>Dried, Paste)</i>							
<i>Bosc(2)</i>	2019	78	11.0	857	\$	906	\$ 776,400
	2018	89	21.2	1,890	\$	920	\$ 1,738,800
<i>Red (2)</i>	2019	42	17.3	725	\$	1,118	\$ 810,600
	2018	52	18.2	946	\$	1,288	\$ 1,218,400
MISC. TOTAL (3)	2019	245					\$ 1,020,000
	2018	240					\$ 940,000
TOTALS:	2019	18,064					\$ 125,443,471
	2018	18,357					\$ 152,631,600

(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 2019 were: Bartlett \$384, Bosc \$232, and Reds \$368.
for 2018 were: Bartlett \$397, Bosc \$237, and Reds \$380.

(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	16,506	964	17,470
Red	11,040	578	11,618
White	5,465	387	5,852
OLIVES	118	5	123
PEARS, TOTAL	1,098	0	1,098
Bartlett	978	0	978
Red	42	0	42
Bosc	78	0	78
Other	15	0	15
WALNUTS, ENGLISH	24	0	24
MISCELLANEOUS*	83	0	83
TOTALS:	18,045	969	19,014

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



LIVESTOCK INVENTORIES

<u>COMMODITY</u>	<u>2019</u>	<u>2018</u>
All Cattle and Calves	26,000*	26,000
Sheep and Lambs, all	7,000	7,100
Hogs and Pigs	400	420
Other Livestock**	4,400	4,200

*Number of head as of January 1, 2019

**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	2019	19,000	126,500	\$139	\$17,583,500
	2018	18,600	120,900	\$144	\$17,410,000
SHEEP AND LAMBS	2019	2,900	3,100	\$144	\$417,600
	2018	3,000	3,300	\$146	\$481,000
HOGS AND PIGS	2019	400	995	\$80	\$79,600
	2018	440	1,100	\$78	\$85,800
MISCELLANEOUS*	2019				\$495,000
	2018				\$520,000
TOTALS:	2019				\$18,575,700
	2018				\$18,496,800

*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	2019	**	**	**
	2018	**	**	**
WOOL	2019	29,000 LB	\$1.34	\$38,860
	2018	30,000 LB	\$1.30	\$39,000
MISCELLANEOUS*	2019			\$1,425,000
	2018			\$1,350,000
TOTALS:	2019			\$1,502,720
	2018			\$1,389,000

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

** Data was not available

NURSERY PRODUCTION

<u>COMMODITY</u>	<u>YEAR</u>	<u>GREENHOUSE SQUARE FEET</u>	<u>FIELD ACRES</u>	<u>\$ VALUES</u>
Nursery*	2019	60,000	23	\$1,750,000
	2018	59,000	23	\$1,600,000
Christmas Trees	2019	N/A	N/A	\$19,000
	2018	N/A	N/A	\$19,000
TOTALS	2019	60,000	23	\$1,769,000
	2018	59,000	23	\$1,619,000

*Includes turf and cut flowers



VEGETABLE CROPS

	<u>YEAR</u>	<u>ACRES</u>	<u>\$ VALUES</u>
Miscellaneous Vegetables*	2019	342	\$1,280,000
	2018	335	\$1,120,000

*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	2019	3,500	9.00 AUM*	31,500	\$32.00	\$1,008,000
	2018	3,500	9.00 AUM*	31,500	\$30.00	\$945,000
PASTURE, other (grassland, coast bench)	2019	363,000	1.04 AUM*	381,150	\$17.00	\$6,479,550
	2018	363,000	1.07 AUM*	388,410	\$16.00	\$6,214,560
RANGE	2019	355,000	0.72 AUM*	255,600	\$14.00	\$3,578,400
	2018	355,000	0.72 AUM*	255,600	\$14.00	\$3,578,400
MISCELLANEOUS**	2019					\$2,400,000
	2018					\$2,300,000
TOTALS:	2019					\$13,465,950
	2018					\$13,037,960

*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	2019	2018
Log Production (board feet)	120,288,000	137,465,000
Total Stumpage Value, net	\$61,538,813	\$84,387,244
Total Value at Mill, gross	\$109,582,368	\$132,516,260

- 1) Calendar year 2019 showed a decrease (Approx. 12.5%) in timber harvest volume when compared to 2018.
- 2) The average price for stumpage based on the information provided by the Board of Equalization is approximately **\$511/mbf** for reported timber harvested in Mendocino County.
- 3) Stumpage values were lower - **\$511/mbf** for 2019 compared to \$614/mbf for 2018.
- 4) The combined value of delivered value at the mill includes both stumpage (\$511/mbf) and logging and hauling costs (approx. \$400/mbf) for a total value of \$911/mbf = **\$109,582,368**.
- 5) Mendocino County produced approximately 8.5% of the total timber produced in the State in 2019.
- 6) The State's reported total timber harvest volume for 2019 = 1,421,119 mbf. Compared to 2018 (1,579,993 mbf) represents roughly a 10.1% decrease in total state harvest volume.
- 7) Mendocino County ranked 4th in the state in timber volumes for 2019. The top ranking counties in 2019 were Shasta, Humboldt, Siskiyou, Mendocino and Plumas.

10 YEAR COMPARISON (LOG PRODUCTION)

<u>YEAR</u>	<u>Log Production (Board Feet)</u>	<u>Value at Mill (Gross)</u>
2019	120,288,000	\$109,582,368
2018	137,465,000	\$132,516,260
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



SUSTAINABLE AGRICULTURE

ORGANIC ACRES

CROPS	ACRES
Wine grapes	5,454
Fruits & Nuts	248
Vegetables	56
Pasture/Forage/Grain	20,683
Propagation	1
TOTAL	26,442



PEST EXCLUSION

Parcel Post & Truck Shipment Inspections

SHIPMENTS INSPECTED	EXOTIC PESTS INTERCEPTED	SHIPMENTS REJECTED
1,480	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

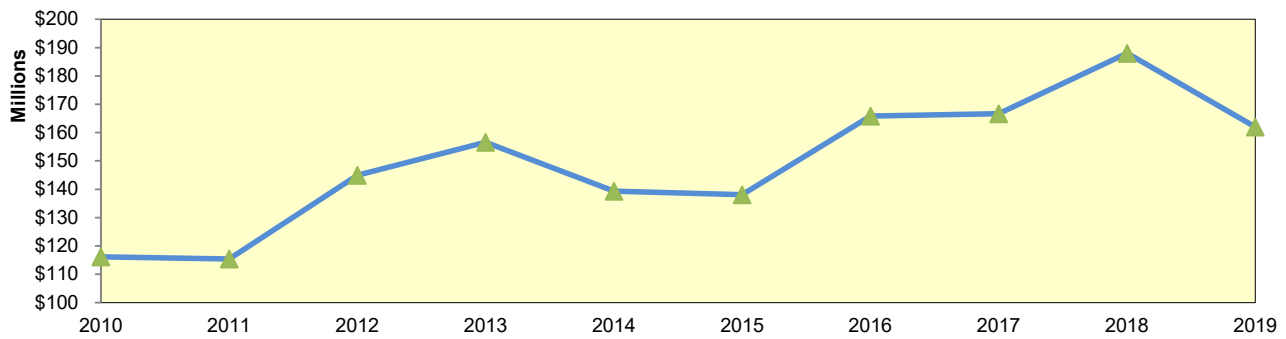


Gorse Seed Weevil
Image by George Markin, USDA
Forest Service, Bugwood.org



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

VALUE OF MENDOCINO COUNTY AGRICULTURE (EXCLUDING TIMBER) 2010-2019



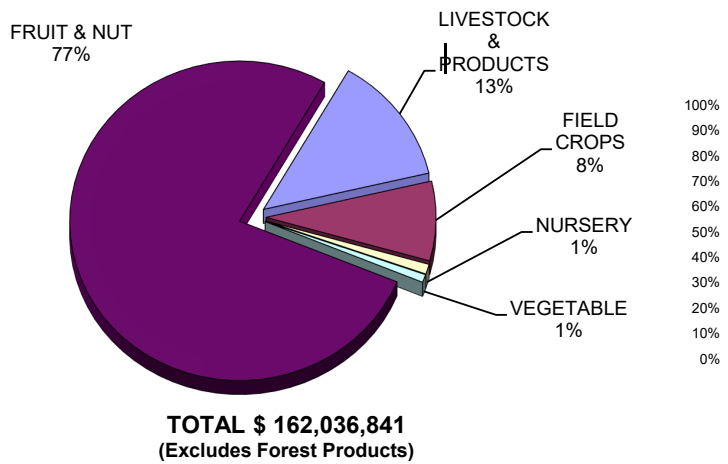
MILLION DOLLAR CROPS

WINE GRAPES	\$ 114,432,271
TIMBER	\$ 109,582,368
CATTLE & CALVES	\$ 17,583,500
PEARS	\$ 9,514,400
COMMERCIAL FISHING	\$ 6,752,019
PASTURE	\$ 6,479,550
RANGELAND	\$ 3,578,400
NURSERY	\$ 1,750,000

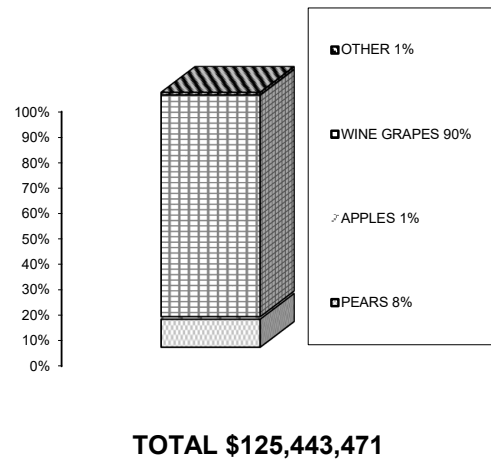


SHARES OF AGRICULTURAL VALUE

ALL AGRICULTURE (EXCLUDING TIMBER)



FRUIT & NUT CROPS



SUMMARY OF PRODUCTION

<u>COMMODITY</u>	<u>2019</u>	<u>2018</u>
FRUITS AND NUTS	\$ 125,443,471	\$ 152,631,600
LIVESTOCK PRODUCTION	\$ 18,575,700	\$ 18,496,800 **
LIVESTOCK AND POULTRY PRODUCTS	\$ 1,502,720 *	\$ 1,389,000
NURSERY PRODUCTION	\$ 1,769,000	\$ 1,619,000
VEGETABLE CROPS	\$ 1,280,000	\$ 1,120,000
FIELD CROPS	\$ 13,465,950	\$ 13,037,960
FOREST PRODUCTS	\$ 109,582,368	\$ 132,516,260
TOTALS:	\$ 271,619,209	\$ 320,810,620 **

*Milk production values were not available at the time of publication so were not included in the total.

**Revised figure.

SUPPLEMENT TO CROP REPORT: COMMERCIAL FISH CATCH

COMMODITY	TOTAL LBS	TOTAL VALUE
CRAB, DUNGENESS	936,674	\$ 3,161,249
SABLEFISH	792,726	\$ 1,199,030
SALMON, CHINOOK	100,287	\$ 596,613
ROCKFISH, CHILIPEPPER	614,422	\$ 270,271
SOLE, PETRALE	186,716	\$ 238,485
ROCKFISH, BOCACCIO	413,716	\$ 205,562
LINGCOD	175,099	\$ 196,048
SOLE, DOVER	381,236	\$ 170,825
THORNYHEAD, SHORTSPINE	69,267	\$ 121,667
ROCKFISH, COPPER	25,329	\$ 111,123
MICELLANEOUS	466,788	\$ 481,146
TOTALS:	4,162,260	\$ 6,752,019



COMMERCIAL FISH CATCH TEN YEAR VALUE COMPARISON

YEAR	POUNDS	VALUE
2019	4,162,260	\$ 6,752,019
2018	4,758,204	\$ 9,322,768
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

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

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	1956-58	32.36	1996-97	39.07
1917-18	23.43	1956-57	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	55.13	1977-78	53.66	2017-18	23.68
1938-39	22.86	1978-79	30.23	** 2018-19	49.25
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.

**Starting water year 2018-2019 (October 1 - September 30), data source changed from Ukiah Municipal Airport to the Potter Valley weather station.

FIVE YEAR VALUE COMPARISON

ALL COMMODITIES

YEAR	FRUIT/ NUTS	LIVESTOCK PRODUCTION	LIVESTOCK AND POULTRY PRODUCTS	NURSERY PROD.	VEG PROD.	FIELD CROPS	TOTAL
2019	\$ 114,432,271	\$ 18,575,700	\$ 1,502,720*	\$ 1,769,000	\$ 1,280,000	\$ 13,465,950	\$ 162,036,841
2018	\$ 152,631,600	\$ 18,496,800	\$ 1,389,000*	\$ 1,619,000	\$ 1,120,000	\$ 13,037,960	\$ 188,294,360
2017	\$ 135,919,600	\$ 18,735,000	\$ 5,255,400	\$ 1,564,000	\$ 1,085,000	\$ 12,454,000	\$ 175,013,000
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



TOP TEN GRAPE VARIETY VALUES

VARIETY	Acres Bearing	Acres Total	TONS	VALUE PER TON	TOTAL VALUE
Chardonnay	4,154	4,466	22,341	\$1,328.00	\$29,668,848
Pinot Noir	2,681	2,783	10,015	\$3,146.00	\$31,507,190
Cabernet Sauvignon	2,895	3,171	12,946	\$1,990.00	\$25,762,540
Zinfandel	1,782	1,820	4,795	\$1,738.00	\$8,333,710
Merlot	1,312	1,320	3,935	\$1,341.00	\$5,276,835
Sauvignon Blanc	677	724	3,833	\$1,388.00	\$5,320,204
Petite Sirah	572	586	2,001	\$1,877.00	\$3,755,877
Syrah	568	588	1,829	\$1,649.00	\$3,016,021
Carignane	333	333	991	\$1,418.00	\$1,405,238
Grenache	114	120	574	\$2,155.00	\$1,236,970

*Milk production values were not available at the time of publication so were not included in the total.