



# **2013 CROP REPORT**

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**KAREN ROSS, SECRETARY**  
**CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE**  
**and**  
**THE HONORABLE BOARD OF SUPERVISORS OF MENDOCINO COUNTY**  
**Carre Brown, 1<sup>st</sup> District      John McCowen, 2<sup>nd</sup> District      John Pinches, 3<sup>rd</sup> District, Chair**  
**Dan Gjerde, 4<sup>th</sup> District      Dan Hamburg, 5<sup>th</sup> District**

In accordance with Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2013 annual crop report for Mendocino County. It is important to remember that this report reflects the **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 2013 was **\$222,683,200**, which represents a slight increase compared to the 2012 value of \$216,550,651. The leading agricultural commodity continues to be wine grapes, which posted another record value of **\$113,139,800**. Agricultural production, excluding timber, totaled **\$156,631,400**. Timber represents the second highest value commodity, with a gross "at mill" value of **\$66,051,800**. Mendocino County ranked 5<sup>th</sup> in the state in timber volumes and produced roughly 7% of the states total timber harvest in 2013.

The increase in the overall gross value for 2013 resulted primarily from improved wine grape and pear returns. Once again, favorable growing and harvest conditions for wine grapes produced a 10% increase in yields and an 11% increase in overall value above the record numbers seen in 2012. Overall pear returns were improved on increased tonnage and a higher percent of pack out (fresh) pears. Prices remained stable for most varieties.

Cattle returns were higher based on good market prices and a subsequent reduction in inventory to take advantage of the up market while also responding to the drought. Milk valuation and production offset each other to return virtually the same gross receipts as compared to 2012.

I would like to extend my gratitude and appreciation to all of our agricultural producers who furnish the necessary information that make this report possible. I would also like to thank the University of California Cooperative Extension and my outstanding staff, particularly Jennifer Krauss, for their invaluable assistance and contributions to this report.

Respectfully submitted,

Chuck Morse  
Agricultural Commissioner/Sealer

**MENDOCINO COUNTY  
DEPARTMENT OF AGRICULTURE  
ANNUAL CROP REPORT FOR 2013**

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**MENDOCINO COUNTY BOARD OF SUPERVISORS**

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

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**Department of Agriculture**

**CHUCK MORSE**

Agricultural Commissioner / Sealer of Weights and Measures



DIANE CURRY . . . . .	Assistant Agricultural Commissioner / Assistant Sealer of Weights & Measures
RAY HARRIE . . . . .	Ag/Measurement Standards Specialist III
TASHINA SANDERS . . . . .	Ag/Measurement Standards Specialist III
AARON HULT . . . . .	Ag/Measurement Standards Specialist II
DARIO GOTCHET . . . . .	Ag/Measurement Standards Specialist I
JENNIFER KRAUSS . . . . .	Office Manager
CARALYN GULSETH . . . . .	Staff Assistant II

**SEASONAL INSPECTORS**

Amanda Ekstrand	Sheryl Greene
Ray Hall	Bill Kubran
Sam Upton	



# FRUIT AND NUT CROPS

COMMODITY	YEAR	BEARING ACREAGE	TONS PER ACRE	PRODUCTION IN TONS	\$ PER TON	VALUE
<b>APPLES, TOTAL</b>	<b>2013</b>	<b>221</b>	<b>6.1</b>	<b>1,348</b>	<b>\$ 612 <sup>(4)</sup></b>	<b>\$ 825,000</b>
	2012	230	6.7	1,541	\$ 610 <sup>(4)</sup>	\$ 880,900
<i>Fresh</i>	<b>2013</b>			<b>676</b>	<b>\$ 963</b>	<b>\$ 651,000</b>
	2012			724	\$ 938	\$ 679,100
<i>Other</i>	<b>2013</b>			<b>672</b>	<b>\$ 258</b>	<b>\$ 173,400</b>
<i>(Dried, Juice, etc.)</i>	2012			817	\$ 247	\$ 201,800
<b>WINE GRAPES, TOTAL</b>	<b>2013</b>	<b>16,750</b>	<b>4.7</b>	<b>77,920</b>	<b>\$ 1,452 <sup>(4)</sup></b>	<b>\$ 113,139,800</b>
	2012	16,724	4.2	71,095	\$ 1,439 <sup>(4)</sup>	\$ 102,305,700
<i>White</i>	<b>2013</b>	<b>6,091</b>	<b>6</b>	<b>36,355</b>		
<i>Varieties</i>	2012	6,143	5.1	31,087		
<i>Red</i>	<b>2013</b>	<b>10,659</b>	<b>3.9</b>	<b>41,565</b>		
<i>Varieties</i>	2012	10,607	3.8	40,008		
<b>PEARS, TOTAL (1)</b>	<b>2013</b>	<b>1,339</b>	<b>20.7</b>	<b>27,663</b>	<b>\$ 467 <sup>(4)</sup></b>	<b>\$ 12,918,600</b>
	2012	1,339	19.1	25,599	\$ 470 <sup>(4)</sup>	\$ 12,041,400
<i>Bartlett (2)</i>	<b>2013</b>	<b>1,173</b>	<b>22</b>	<b>25,830</b>	<b>\$ 421 <sup>(4)</sup></b>	<b>\$ 10,881,700</b>
	2012	1,178	20	23,537	\$ 420 <sup>(4)</sup>	\$ 9,894,400
<i>Canning</i>	<b>2013</b>			<b>17,997</b>	<b>\$ 298</b>	<b>\$ 5,363,100</b>
	2012			17,352	\$ 293	\$ 5,084,100
<i>Fresh (2)</i>	<b>2013</b>			<b>6,249</b>	<b>\$ 857</b>	<b>\$ 5,355,400</b>
	2012			5,032	\$ 930	\$ 4,682,600
<i>Other</i>	<b>2013</b>			<b>1,584</b>	<b>\$ 103</b>	<b>\$ 163,200</b>
<i>(Baby Food</i>	2012			1,150	\$ 111	\$ 127,700
<i>Dried, Paste)</i>						
<i>Bosc (2)</i>	<b>2013</b>	<b>104</b>	<b>12.1</b>	<b>1,260</b>	<b>\$ 939</b>	<b>\$ 1,183,100</b>
	2012	104	13.0	1,347	\$ 855	\$ 1,151,700
<i>Red (2)</i>	<b>2013</b>	<b>62</b>	<b>9.2</b>	<b>573</b>	<b>\$ 1,450</b>	<b>\$ 830,900</b>
	2012	57	12.5	715	\$ 1,392	\$ 995,300
<b>MISC. TOTAL (3)</b>	<b>2013</b>	<b>247</b>				<b>\$ 1,000,000</b>
	2012	234				\$ 1,100,000
<b>TOTALS</b>	<b>2013</b>	<b>18,557</b>				<b>\$ 127,883,400</b>
	2012	18,527*				\$ 116,328,000

(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 2013 were: Bartlett \$317, Bosc \$593, and Reds \$621.  
for 2012 were: Bartlett \$320, Bosc \$488, and Reds \$471.

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

(4) Weighted average

\*2012 Amended

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	221	0	221
WINE GRAPES, TOTAL	16,750	459	17,209
Red	10,659	308	10,967
White	6,091	151	6,242
OLIVES	110	4	114
PEARS, TOTAL	1,358	5	1,363
Bartlett	1,173	2	1,175
Red	62	0	62
Bosc	104	3	107
Other	19	0	19
WALNUTS, ENGLISH	38	0	38
MISCELLANEOUS*	80	0	80
<b>TOTALS</b>	<b>18,557</b>	<b>468</b>	<b>19,025</b>

\*Miscellaneous includes: Berries, cherries, chestnuts, guava, peaches, persimmons, pistachios, plums, and table grapes.



## LIVESTOCK INVENTORIES

COMMODITY	2013	2012
All Cattle and Calves	17,400	18,100
Sheep and Lambs, all	10,100	9,000
Hogs and Pigs	1,270	1,450
Other Livestock*	2,280	n/a

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

## LIVESTOCK PRODUCTION

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT** LIVE WT.	\$ PER	\$ VALUES
CATTLE AND CALVES	2013	9,500	61,750	\$141	\$8,706,800
	2012	9,400	65,800	\$129	\$8,488,200
SHEEP AND LAMBS	2013	4,150	4,150	\$121	\$502,200
	2012	3,100	2,697	\$159	\$428,800
HOGS AND PIGS	2013	730	1,329	\$78	\$103,700
	2012	750	1,215	\$69	\$83,700
MISCELLANEOUS*	2013				\$650,000
	2012				\$750,000
<b>TOTALS</b>	2013				<b>\$9,962,700</b>
	2012				<b>\$9,750,700</b>

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

\*\*CWT= 100 lbs.



## LIVESTOCK AND POULTRY PRODUCTS

COMMODITY	YEAR	PRODUCTION IN LBS.	PER UNIT	\$ VALUE
MILK	2013	188,446 CWT.	\$19.75	\$3,721,800
	2012	192,833 CWT.	\$19.00	\$3,663,800
WOOL	2013	39,600 LB.	\$1.96	\$77,600
	2012	31,200 LB.	\$1.92	\$59,900
MISCELLANEOUS*	2013			\$1,500,000
	2012			\$1,800,000
<b>TOTALS</b>	2013			<b>\$5,299,400</b>
	2012			<b>\$5,523,700</b>

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

## NURSERY PRODUCTION

COMMODITY	YEAR	GREENHOUSE SQUARE FEET	FIELD ACRES	\$ VALUES
Nursery*	2013	93,539	30	\$1,445,500
	2012	96,769	31	\$1,611,900
Christmas Trees	2013	N/A	N/A	\$12,100
	2012	N/A	N/A	\$15,000
<b>TOTALS</b>	2013	93,539	30	\$1,457,600
	2012	96,769	31	\$1,626,900

\*Includes turf and cut flowers



## VEGETABLE CROPS

COMMODITY	YEAR	ACRES	\$ VALUES
Miscellaneous Vegetables*	2013	340	\$1,200,000
	2012	320	\$900,000

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

## FIELD CROPS

COMMODITY	YEAR	ACRES	YIELD/ ACRE	TOTAL YIELD	PER AUM	\$ VALUES
IRRIGATED PASTURE	2013	6,000	9.00 AUM*	54,000	\$22.00	\$1,188,000
	2012	6,000	9.00 AUM*	54,000	\$20.00	\$1,080,000
PASTURE, other (grassland, coast bench)	2013	363,000	1.01 AUM*	366,630	\$12.00	\$4,399,600
	2012	365,000	1.03 AUM*	376,000	\$11.10	\$4,173,600
RANGE	2013	355,000	.67 AUM*	237,850	\$9.00	\$2,140,700
	2012	355,000	.71 AUM*	252,100	\$8.25	\$2,079,800
MISCELLANEOUS**	2013					\$3,100,000
	2012					\$3,500,000
<b>TOTALS</b>	2013					\$10,828,300
	2012					\$10,833,400

\*AUM means Annual 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

<b>TIMBER</b>	<b>2013</b>	<b>2012</b>
Log Production (board feet)	<b>111,574,000</b>	121,850,000
Total Stumpage Value, net	<b>\$26,975,151</b>	\$28,940,451
Total Value at Mill, gross	<b>\$66,051,800</b>	\$71,587,951

- 1) Calendar year 2013 showed a slight decrease in timber harvest volume when compared to 2012.
- 2) The average price for stumpage based on the information provided by the Board of Equalization is approximately \$242/mbf for reported timber harvested in Mendocino County.
- 3) Though harvest yields were slightly less, stubpage values were slightly higher - \$242/mbf for 2013 compared to \$237/mbf for 2012. The harvest activity in Mendocino County represents 100% extraction from private lands.
- 4) The combined value of delivered value at the mill includes both stumpage (\$242/mbf) and logging and hauling costs (approx. \$350/mbf) for a total value of \$592/mbf=\$66,051,808.
- 5) Mendocino County produced approximately 7% of the total timber produced in the state in 2013. The State's reported total timber harvest volume for 2013 = 1,645,446,000 board feet.
- 6) Mendocino County ranked 5th in the state in timber volumes for 2013. The top ranking counties in 2013 were Shasta, Humboldt, Siskiyou, Plumas, and Mendocino.

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

### 10 YEAR COMPARISON (LOG PRODUCTION)

<b>YEAR</b>	<b>Log Production (Board Feet)</b>	<b>Value at Mill (Gross)</b>
<b>2013</b>	<b>111,574,000</b>	<b>\$66,051,800</b>
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
2007	103,031,000	\$74,594,400
2006	110,168,000	\$86,481,900
2005	120,841,000	\$89,441,000
2004	109,548,000	\$66,605,200





## SUSTAINABLE AGRICULTURE

### ORGANIC ACRES

<b>CROPS</b>	<b>ACRES</b>
Wine grapes	4,106
Fruits & Nuts	317
Vegetables	54
Herbs	17
Pasture/Forage/Grain	5,710
Nursery & Cut Flowers	6
<b>TOTAL</b>	<b>10,210</b>



## PEST EXCLUSION

### Parcel Post & Truck Shipment Inspections

<b>SHIPMENTS INSPECTED</b>	<b>EXOTIC PESTS INTERCEPTED</b>	<b>SHIPMENTS REJECTED</b>
2,094	5	11

## BIOLOGICAL CONTROL

<b>BIO-CONTROL AGENT</b>	<b>SCOPE OF PROGRAM</b>
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

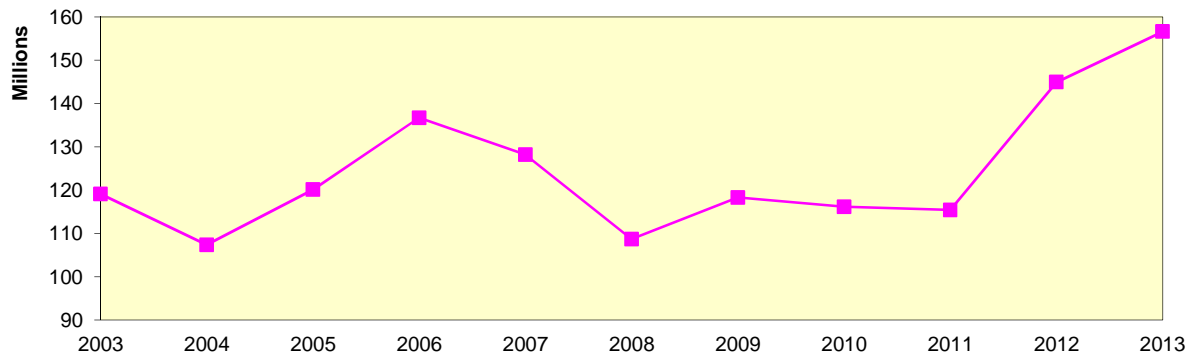


Klamath Weed Beetle  
Image by Norman E. Rees, USDA  
Agricultural Research Service - Retired,  
Bugwood.org



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

**VALUE OF MENDOCINO COUNTY AGRICULTURE (EXCLUDING TIMBER)  
2003- 2013**



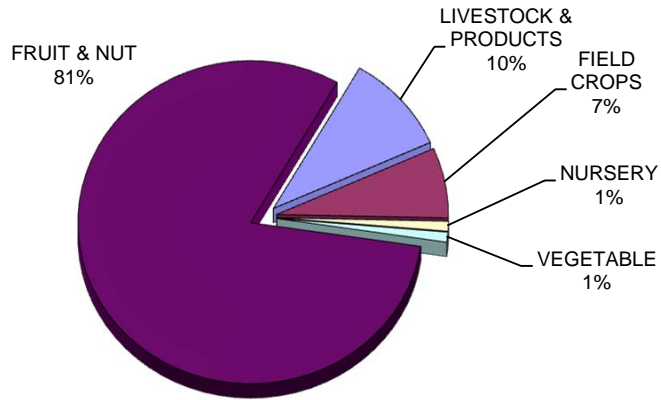
**MILLION DOLLAR CROPS**

WINE GRAPES	\$	113,139,800
TIMBER	\$	66,051,800
BARTLETT PEARS	\$	10,881,700
CATTLE & CALVES	\$	8,706,800
PASTURE	\$	4,399,600
MILK	\$	3,721,800
NURSERY	\$	1,457,600
PASTURE, IRRIGATED	\$	1,188,000
BOSC PEARS	\$	1,183,100



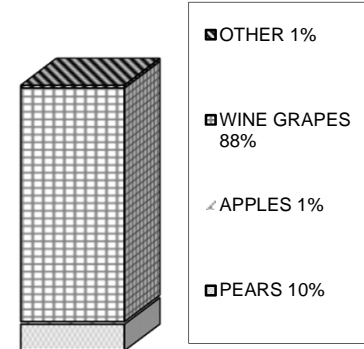
## SHARES OF AGRICULTURAL VALUE

### ALL AGRICULTURE (EXCLUDING TIMBER)



TOTAL \$ 156,621,400

### FRUIT & NUT CROPS



TOTAL \$127,883,400



## SUMMARY OF PRODUCTION

COMMODITY	2013	2012
FRUITS AND NUTS	\$ 127,883,400	\$ 116,328,000
LIVESTOCK PRODUCTION	\$ 9,962,700	\$ 9,750,700
LIVESTOCK AND POULTRY PRODUCTS	\$ 5,299,400	\$ 5,523,700
NURSERY PRODUCTION	\$ 1,457,600	\$ 1,626,900
VEGETABLE CROPS	\$ 1,200,000	\$ 900,000
FIELD CROPS	\$ 10,828,300	\$ 10,833,400
FOREST PRODUCTS	\$ 66,051,800	\$ 71,587,951
<b>TOTALS</b>	<b>\$ 222,683,200</b>	<b>\$ 216,550,651</b>



## SUPPLEMENT TO CROP REPORT: COMMERCIAL FISH CATCH

COMMODITY	TOTAL LBS	TOTAL VALUE
SALMON, CHINOOK	1,407,767	\$ 7,664,761
SEA URCHIN, RED	4,233,702	\$ 3,637,077
CRAB, DUNGENESS	872,929	\$ 2,429,648
SABLEFISH	583,323	\$ 1,414,198
SOLE, DOVER	1,048,632	\$ 468,853
ROCKFISH, CHILIPEPPER	558,653	\$ 363,268
SOLE, PETRALE	220,805	\$ 286,717
THORNYHEAD, LONGSPINE	499,905	\$ 225,393
SWORDFISH	41,974	\$ 146,857
THORNYHEAD, SHORTSPINE	159,032	\$ 142,780
MICELLANEOUS	651,323	\$ 501,348
<b>TOTALS</b>	<b>10,278,045</b>	<b>\$ 17,280,900</b>



## COMMERCIAL FISH CATCH TEN YEAR VALUE COMPARISON

YEAR	POUNDS	VALUE
<b>2013</b>	<b>10,278,045</b>	<b>\$ 17,280,900</b>
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
2007	5,931,839	\$ 7,038,220
2006	5,468,557	\$ 5,763,048
2005	6,603,170	\$ 6,615,121
2004	7,058,011	\$ 7,941,313

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>
1912-13	33.40	1952-53	45.06	1992-93	50.49
1913-14	54.85	1953-54	35.74	1993-94	23.73
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		
1934-35	33.05	1974-75	38.60		
1935-36	37.83	1975-76	18.75		
1936-37	29.24	1976-77	14.20		
1937-38	55.13	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		



### FISCAL YEAR DATA

## FIVE YEAR VALUE COMPARISON

\*\*ALL COMMODITIES\*\*

YEAR	FRUIT/ NUTS	LIVESTOCK PRODUCTION	LIVESTOCK AND POULTRY PRODUCTS	NURSERY PROD.	VEG PROD.	FIELD CROPS	TOTAL
2013	\$ 127,883,400	\$ 9,962,700	\$ 5,299,400	\$ 1,457,600	\$ 1,200,000	\$ 10,828,300	\$ 156,631,400
2012	\$ 116,328,000	\$ 9,750,700	\$ 5,523,700	\$ 1,626,900	\$ 900,000	\$ 10,833,400	\$ 144,962,700
2011	\$ 85,339,400	\$ 8,859,100	\$ 6,953,200	\$ 2,105,000	\$ 900,000	\$ 11,250,600	\$ 115,407,300
2010	\$ 87,134,900	\$ 7,718,300	\$ 6,043,700	\$ 3,187,000	\$ 1,200,000	\$ 10,907,500	\$ 116,191,400
2009	\$ 91,537,300	\$ 7,229,500	\$ 5,973,900	\$ 2,900,000	\$ 1,000,000	\$ 9,509,000	\$ 118,149,700



## TOP TEN GRAPE VARIETY VALUES

VARIETY	Acres Bearing	Acres Total	TONS	VALUE PER TON	TOTAL VALUE
Chardonnay	4,265	4,771	28,192.7	\$1,299.25	\$36,629,365
Pinot Noir	2,625	2,659	8,736.1	\$2,655.90	\$23,202,207
Cabernet Sauvignon	2,448	2,638	9,698.0	\$1,685.32	\$16,344,233
Zinfandel	1,931	1,955	6,931.6	\$1,465.63	\$10,159,160
Merlot	1,499	1,500	7,745.8	\$1,193.21	\$9,242,366
Sauvignon Blanc	715	717	4,240.0	\$1,174.59	\$4,980,262
Petite Sirah	558	569	2,315.5	\$1,574.55	\$3,645,871
Syrah	703	703	2,741.0	\$1,302.35	\$3,569,741
Carignane	357	357	1,221.2	\$1,018.57	\$1,243,878
Gewurtzraminer	206	206	1,041.7	\$1,137.82	\$1,185,267



# MENDOCINO COUNTY WINE GRAPE VALUE VS TIMBER VALUE

