

The Coastal Redwood Forests

Unlike most other agricultural commodities, coast redwood is a uniquely California product. Extending from Curry County, Oregon to Monterey County, the redwood range is roughly 2 million acres. Though the age of the forest has been altered from pre-settlement times, the physical distribution of coast range has remained constant. The first lumberman started cutting redwoods in the 1840s. By the 1860s, "rivermen" began cutting the big trees along the streams and floating them to the ocean beaches downstream where the logs were milled and loaded onto schooners ship to San Francisco and ports as far away as New Zealand. Those "dog hole" coves along the Mendocino Coast got their names as they were considered too small for even a dog to fit. Nonetheless, schooner captains maneuvered their ships into place to unload supplies and then load timber for transportation. Coast redwood built San Francisco twice, once before, and once after, the 1906 earthquake. WWI saw a dramatic change in logging technology when surplus military equipment changed the industry from an animal and steambased exercise to a diesel-based industry.

Following WWII, with the enactment of the GI Bill, California saw a tremendous building boom. By then the marine-based logging industry had transformed to an inland, over-land industry with small, familyowned mills spread throughout the county. Hundreds of mills were working throughout the redwood region transporting lumber via road and rail. During this time, forestry was focused primarily on extraction with little thought to reforestation or future production. In the early 1970s, with the enactment of the California Forest Practices Act, regulatory standards were put in place. Those standards and rules have evolved since that time, addressing replanting, stream protections, and fish and wildlife protections.

The other watershed event occurred in 1990, including the listing of the Northern Spotted Owl on the Federal Endangered Species list. The '90s were a time of great political upheaval with the listing of the owl, the Big Green and Forest Forever Initiatives, Redwood Summer and the Northwest Forest Plan under the Clinton Administration all demanding changes in forest practices. These changes ultimately led to mills dependent on US Forest Service timber being shut in Mendocino County (Potter Valley and Covelo). These political changes have resulted in timber volumes in Mendocino County decreasing from a high of 515 million board feet (mmbf) harvested in 1989 to roughly 120 mmbf being harvested today. This volume has remained relatively constant for the past decade. In Mendocino County mills are now limited to Ukiah and Willits, all other log processing mills have been shuttered. Today, the remaining redwood industry operates under voluntary third party sustainability programs addressing the economic, environmental and social aspects of sustainability in forest management. Redwood continues to be an important and recognizable component of what makes Mendocino unique.

Credits for above summary to Greg Giusti, UCCE/ANR Forests and Wildlands Ecology Advisor for Mendocino and Lake counties.

^{*} Cover photo taken by Christy Bengston, is of Dave Bengston, former Mendocino County Agricultural Commissioner and Sealer of Weights and Measures, an avid birder and accomplished mycologist, hunting for wild mushrooms in the redwood forests of Mendocino county.

CHUCK MORSE Agricultural Commissioner Sealer of Weights & Measures

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August 1, 2016

THE HONORABLE BOARD OF SUPERVISORS OF MENDOCINO COUNTY Dan Gjerde, 4th District, Chair, **John McCowen,** 2nd District, Vice chair, **Carre Brown,** 1st District, **Tom Woodhouse,** 3rd District, **Dan Hamburg,** 5th District

In accordance with Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2015 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 2015 was \$221,840,400 which represents a 3% increase compared to the 2014 value of \$214,475,900. The leading agricultural commodity continues to be wine grapes, at \$88,287,000. Agricultural production, excluding timber, totaled \$138,110,100. Timber represents the second highest value commodity, with a gross "at mill" value of \$83,730,300. Mendocino County ranked 5th in the state in timber volumes and produced roughly 7.5% of the state's total timber harvest in 2015.

The small increase in the overall gross value for all commodities in 2015 resulted primarily from improved returns for timber, pears and pasture and range. A 32 % increase in pear tonnage, coupled with improved returns, resulted in a 50% increase in gross dollar value. For apples, decreased tonnage overall counteracted elevated price per ton returns, resulting in a value nearly equal to 2014.

Overall cattle returns were lower, even with favorable market prices most of the year. Prior years of heard size reductions and the need to maintain or start increasing herd size resulted in fewer overall animals going to auction. Increased production in milk could not off-set lower returns, resulting in a drop in overall valuation compared to 2014.

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

Respectfully submitted,

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Chuck Morse Agricultural Commissioner/Sealer of Weights and Measures

MENDOCINO COUNTY DEPARTMENT OF AGRICULTURE

ANNUAL CROP REPORT FOR 2015

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					-			
	VEAD	BEARING	TONS PER	PRODUCTION		PER		
COMMODITY	YEAR	ACREAGE	ACRE	IN TONS		TON		VALUE
APPLES, TOTAL	2015	215	2.6	516	\$	947 ⁽⁴⁾	\$	531,300
	2014	215	3.4	738	\$	751 ⁽⁴⁾	\$	553,900
Fresh	2015	LANK .		196	\$	1,035	\$	203,000
	2014			263	\$	1,415	\$	372,100
Other	2015			365	\$	900	\$	328,300
(Dried, Juice, etc.)	2014			475	\$	383	\$	181,800
WINE GRAPES, TOTAL	2015	16,862	3.4	57,292	\$	1,514 ⁽⁴⁾	\$	88,287,000
	2014	16,909	3.7	61,959	\$	1,512 ⁽⁴⁾	\$	93,691,300
White	2015	5,940	4	23,745				
Varieties	2014	6,058	4.5	27,199	-	A & da		
Red	2015	10,922	3.4	33,547				
Varieties	2014	10,851	3.2	34,760	TEST THE	COLUMN ST	0.Xme	ALL BELLE
				1				
PEARS, TOTAL (1)	2015	1,316	20.9	27,528	\$	629 ⁽⁴⁾	\$	17,315,100
	2014	1,316	15.9	20,893	\$	553 ⁽⁴⁾	\$	11,553,800
Bartlett (2)	2015	1,164	24	24,726	\$	558 ⁽⁴⁾	\$	13,797,100
	2014	1,164	16.8	19,577	\$	511 ⁽⁴⁾	\$	10,003,800
Canning	2015		her of	19,542	\$	456	\$	8,911,200
	2014		P. av	13,762	\$	361	\$	4,968,100
Fresh (2)	2015	571		4,263	\$	1,107	\$	4,719,100
	2014	E/A		4,738	\$	1,020	\$	4,832,800
Other	2015			921	\$	238	\$	219,200
(Baby Food	2014			1,077	\$	217	\$	233,700
Dried, Paste)								
Bosc (2)	2015	91	20.6	1,875	\$	1,183	\$	2,218,100
	2014	91	9.7	886	\$	1,091	\$	966,600
Red (2)	2015	61	15.2	927	\$	1,481	\$	1,372,900
	2014	61	7	430	\$	1,456	\$	626,100
MISC. TOTAL (3)	2015	257					\$	800,000
	2014	274					\$	900,000
TOTALS	2015	18,650					\$	106,933,400
	2014	18,714					\$	106,699,000

FRUIT AND NUT CROPS

(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 2015 were: Bartlett \$439, Bosc \$534, and Reds \$575.

for 2014 were: Bartlett \$386, Bosc \$683, and Reds \$573.

(3) Miscellaneous includes berries, cherries, chestnuts, olives, other pears, peaches, persimmons, 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	215	1	216
WINE GRAPES, TOTAL	16,862	541	17,403
Red White	10,922 5,940	281 260	11,203 6,200
OLIVES	115	5	120
PEARS, TOTAL	1,334	5	1,339
Bartlett Red Bosc Other	1,163 61 91 19	2 0 3 0	1,165 61 94 19
WALNUTS, ENGLISH	35	1	36
MISCELLANEOUS*	68	0	68
TOTALS	18,629	553	19,182

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



	LIVESTOCK INVENTORIES	
COMMODITY	2015	2014
All Cattle and Calves	17,000	16,800
Sheep and Lambs, all	10,200	10,000
Hogs and Pigs	950	1,120
Other Livestock*	4,685	4,705

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

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT** LIVE WT.	\$ PER	\$ VALUES
CATTLE AND CALVES	2015	8,300	51,460	\$208	\$10,703,700
	2014	9,700	63,050	\$188	\$11,853,400
SHEEP AND LAMBS	2015	4,250	2,423	\$139	\$336,800
	2014	4,200	3,906	\$146	\$570,300
HOGS AND PIGS	2015	690	1,228	\$83	\$101,900
	2014	730	1,299	\$94	\$122,100
MISCELLANEOUS*	2015 2014				\$650,000 \$700,000
TOTALS	2015 2014				\$11,792,400 \$13,245,800

LIVESTOCK PRODUCTION

*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
				WTALUL
MILK	2015	218,662 CWT.	\$18.14	\$3,966,500
	2014	184,222 CWT.	\$25.17	\$4,636,900
WOOL	2015	34,200 LB.	\$1.55	\$53,000
	2014	33,700 LB.	\$2.01	\$67,700
MISCELLANEOUS*	2015			\$1,500,000
	2014			\$1,500,000
TOTALS	2015			\$5,519,500
101/120	2014			\$6,204,600

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

NURSERY PRODUCTION

COMMODITY	YEAR	GREENHOUSE SQUARE FEET	FIELD ACRES	\$ VALUES
Nursery*	2015	100,600	28	\$1,560,000
	2014	115,200	32	\$1,361,800
Christmas Trees	2015	N/A	N/A	\$17,300
	2014	N/A	N/A	\$18,200
TOTALS	2015	100,600	28	\$1,577,300
	2014	115,200	32	\$1,380,000

*Includes turf and cut flowers



	VEGETAE	BLE CROPS	5
COMMODITY	YEAR	ACRES	\$ VALUES
Miscellaneous Vegetables*	2015	340	\$1,150,000
	2014	340	\$1,452,000

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

		FIELD C	ROPS			
COMMODITY	YEAR	ACRES	YIELD/ ACRE	TOTAL YIELD	PER AUM	\$ VALUES
IRRIGATED PASTURE	2015 2014	3,500 4,000	9.00 AUM* 9.00 AUM*	31,500 36,000	\$26.00 \$22.00	\$819,000 \$792,000
PASTURE, other (grassland, coast bench)	2015 2014	363,000 363,000	1.01 AUM* 1.01 AUM*	366,630 366,630	\$13.50 \$12.00	\$4,949,500 \$4,399,600
RANGE	2015 2014	355,000 355,000	.65 AUM* .65 AUM*	230,750 230,750	\$12.00 \$10.50	\$2,769,000 \$2,422,900
MISCELLANEOUS**	2015 2014					\$2,600,000 \$2,900,000
TOTALS	2015 2014					\$11,137,500 \$10,514,500

*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	2015	2014
Log Production (board feet)	121,701,000	115,197,000
Total Stumpage Value, net	\$41,151,000	\$34,661,018
Total Value at Mill, gross	\$83,730,300	\$74,980,000

1) Calendar year 2015 showed a slight increase (Approx. 5%) in timber harvest volume when compared to 2014.

2) The average price for stumpage based on the information provided by the Board of Equalization is approximately \$338/mbf for reported timber harvested in Mendocino County.

3) Stumpage values were slightly higher - \$338/mbf for 2015 compared to \$300/mbf for 2014.

4) The combined value of delivered value at the mill includes both stumpage (\$338/mbf) and logging and hauling costs (approx. \$350/mbf) for a total value of \$688/mbf = \$83,730,300.

5) Mendocino County produced approximately 7.5% of the total timber produced in the state in 2015.

6) The State's reported total timber harvest volume for 2015 - 1.590.743 mbf. Compared to 2014 (1,465,691 mbf) represents roughly an 8% increase in total state harvest volume.

7) Mendocino County ranked 5th in the state in timber volumes for 2015. The top ranking counties in 2015 were Siskiyou, Humboldt, Shasta, El Dorado, and Mendocino.

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

YEAR	Log Production (Board Feet)	Value at Mill (Gross)
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
2007	103,031,000	\$74,594,400
2006	110,168,000	\$86,481,900

10 YEAR COMPARISON (LOG PRODUCTION)



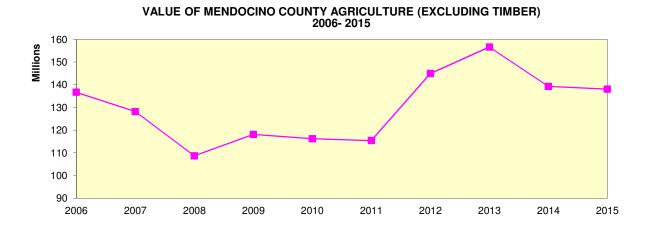
CROPS Wine grapes	ORGANIC ACRES		
Vine grapes		ACRE	ES
····· grapoo		3,89	98
Fruits & Nuts		29	94
/egetables		3	35
Herbs	ORGANIC	-	14
Pasture/Forage/Grain		11,59	96
Nursery & Cut Flowers		_	19
	ΤΟΤΑΙ	- 15,85	56
	PEST EXCLUSION		
Parcel P	ost & Truck Shipment Inspec	tions	
	EXOTIC PESTS INTERCEPTED	SHIPMENTS REJECTE	ED
1,786	EXOTIC PESTS INTERCEPTED	SHIPMENTS REJECTE 3	<u>ED</u>
SHIPMENTS INSPECTED 1,786	0	3	<u>ED</u>
1,786		3	
1,786 BIO-CONTROL AGENT	0 BIOLOGICAL CONTROL	3 SCOPE OF PROGR	
1,786 BIO-CONTROL AGENT Bull Thistle Gall Fly	0	3 SCOPE OF PROGR	<u>AM</u>
1,786 BIO-CONTROL AGENT Bull Thistle Gall Fly Gorse Weevil	0 BIOLOGICAL CONTROL	3 SCOPE OF PROGR 3 Sites . Generally Distributed	AM
1,786 BIO-CONTROL AGENT Bull Thistle Gall Fly Gorse Weevil Gorse Spider Mite	0 BIOLOGICAL CONTROL	3 SCOPE OF PROGR 3 Sites . Generally Distributed . Generally Distributed	AM
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1,786 BIO-CONTROL AGENT Bull Thistle Gall Fly Gorse Weevil Gorse Spider Mite talian Thistle Seed Head We Klamath Weed Beetles Klamath Weed Root Borers	0 BIOLOGICAL CONTROL	3 SCOPE OF PROGR 3 Sites . Generally Distributed . Generally Distributed Widely Distributed Widely Distributed Widely Distributed	AM
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Gorse Seed Weevil

Image by George Markin, USDA Forest Service, Bugwood.org



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



MILLION DOLLAR CROPS							
WINE GRAPES	\$	88,287,000					
TIMBER	\$	83,730,300					
BARTLETT PEARS	\$	13,797,100					
CATTLE & CALVES	\$	10,703,700					
PASTURE	\$	4,949,500					
MILK	\$	3,966,500					
NURSERY	\$	1,577,300					



SHARES OF AGRICULTURAL VALUE

ALL AGRICULTURE (EXCLUDING TIMBER) **FRUIT & NUT CROPS** FRUIT & NUT LIVESTOCK & 77% PRODUCTS OTHER 1% 13% FIELD 100% CROPS ■WINE GRAPES 82% 90% 8% 80% 70% NURSERY 60% APPLES 1% 1% 50% 40% 30% VEGETABLE DEARS 16% 20% 1% 10% 0% TOTAL \$106,933,400 TOTAL \$ 138,110,100



SUMMARY OF PRODUCTION

COMMODITY	2015	2014		
FRUITS AND NUTS	\$ 106,933,400	\$ 106,699,000		
LIVESTOCK PRODUCTION	\$ 11,792,400	\$ 13,245,800		
LIVESTOCK AND POULTRY PRODUCTS	\$ 5,519,500	\$ 6,204,600		
NURSERY PRODUCTION	\$ 1,577,300	\$ 1,380,000		
VEGETABLE CROPS	\$ 1,150,000	\$ 1,452,000		
FIELD CROPS	\$ 11,137,500	\$ 10,514,500		
FOREST PRODUCTS	\$ 83,730,300	\$ 74,980,000		
TOTALS	\$ 221,840,400	\$ 214,475,900		

SUPPLEMENT TO CROP REPORT: COMMERCIAL FISH CATCH						
COMMODITY	TOTAL LBS	ТОТ	AL VALUE			
SALMON, CHINOOK	624,048	\$	4,180,555			
SABLEFISH	1,052,193	\$	2,008,079			
CRAB, DUNGENESS	402,786	\$	1,599,118			
SEA URCHIN, RED	1,272,085	\$	988,115			
SOLE, PETRALE	448,876	\$	620,006			
SOLE, DOVER	1,148,304	\$	511,798			
THORNYHEAD, LONGSPINE	498,724	\$	199,571			
ROCKFISH, CHILIPEPPER	263,274	\$	176,012			
THORNYHEAD, SHORTSPINE	157,015	\$	173,878			
LINGCOD	77,002	\$	118,751			
MICELLANEOUS	681,734	\$	598,413			
TOTALS	6,626,041	\$	11,174,296			



COMMERCIAL FISH CATCH TEN YEAR VALUE COMPARISON

YEAR	POUNDS	VALUE
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
2007	5,931,839	\$ 7,038,220
2006	5,468,557	\$ 5,763,048

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)

SEASONTOTALSEASONTOTALSEASONTOTAL1914-1549.281954-5525.631994-9558.881915-1634.801955-5651.091995-9644.101916-1730.231956-5732.361996-9739.071917-1823.431957-5858.871997-9863.951918-1937.231958-5926.421998-9934.771919-2019.051959-6032.601999-0033.811920-2147.941960-6134.892000-0126.681921-2228.741961-6231.462001-0231.741922-2330.351962-6344.452002-0349.701923-2416.191963-6424.962003-0441.461925-2626.331965-6635.462006-0726.151927-2834.941967-6832.952007-0381.641928-2924.441968-6951.282008-0922.681929-3031.081969-7048.712009-1040.511930-3120.061970-7138.312010-1142.781931-3227.671977-7853.662014-1526.751935-3637.051974-7538.602014-1526.751935-3632.951960-8743.761976-7745.751936-3729.241976-7718.751974-7538.601937-3855.131975-7618.75<							
1915-1634.801955-5651.091995-9644.101916-1730.231956-5732.361996-9739.071917-1823.431957-5858.871997.9863.951918-1937.231958-5926.421998-9934.771919-2019.051959-6032.601999-0033.811920-2147.941960-6134.892000-0126.681921-2228.741961-6231.462001-0231.741922-2330.351962-6344.452002-0348.991924-2547.441966-6650.842003-0438.991924-2547.441966-6635.462005-0660.391925-2626.331965-6635.462006-0726.151927-2834.941967-6832.952007-0831.641928-2924.441968-9651.282008-0922.681929-3031.081969-7048.712009-1040.511930-3120.061970-7138.312010-1142.781931-3227.671971-7225.612011-1223.501932-3324.511975-7618.752013-1424.051933-3425.211976-7714.202013-1428.861934-3533.051974-7538.602014-1526.751935-3637.831975-7618.751936-362013-1428.861944-4531.74198	SEASON	TOTAL	 SEASON	TOTAL		SEASON	TOTAL
1916-1730.231956-5732.361996-9739.071917-1823.431957-5858.871997-98 63.95 1918-1937.231958-5926.421998-9934.771919-2019.051959-6032.601999-0038.11920-2147.941960-6134.892000-0126.681921-2228.741961-6231.462001-0231.741922-2330.351962-6344.452002-0349.701923-2416.191963-6424.962003-0438.991924-2547.441964-6550.842004-0541.461925-2626.331965-6635.462006-0726.151927-2834.941967-6832.952007-0831.641928-2924.441968-6951.282008-0922.681929-3031.081969-7048.712009-1040.511930-312.0061970-7138.312010-1142.781931-3227.671971-7225.612011-1223.501932-3324.711972-7342.092012-1324.051933-3425.211976-7718.752013-1428.661938-3922.661976-7930.232014-1526.751935-3637.831975-7618.751936-3729.241941-4248.211981-827.401945-4636.111944-4531.741982-8370.	1914-15	49.28	1954-55	25.63		1994-95	58.88
1917-1823.431957-58 58.87 1997-98 63.95 1918-1937.231958-5926.421998-9934.771919-2019.051959-6032.601999-0033.811920-2147.941960-6134.462001-0231.741922-2330.351962-6344.452002-0349.701923-2416.191963-6424.962003-0438.991924-2547.441964-6550.842004-0541.461925-2626.331965-6632.952007-0831.641925-2747.321966-6743.162006-0726.151927-2834.941967-6832.952007-0831.641928-2924.441968-6951.282008-0922.681929-3031.081969-7048.712009-1040.511930-3120.061970-7138.312011-1223.501932-3224.711972-7342.092012-1324.051933-3425.211973-7457.09*2013-1428.861934-3533.051974-7538.602014-1526.751935-3637.831977-7853.662014-1526.751936-3729.241976-7714.2014.421941-4248.211981-8277.40144.451944-4531.741982-8370.19144.451944-4531.741984-8527.401945-46	1915-16	34.80	1955-56	51.09		1995-96	44.10
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1916-17	30.23	1956-57	32.36		1996-97	39.07
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1917-18	23.43	1957-58	58.87		1997-98	63.95
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1918-19	37.23	1958-59	26.42		1998-99	34.77
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1919-20	19.05	1959-60	32.60		1999-00	33.81
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1920-21	47.94	1960-61	34.89		2000-01	26.68
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 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 1936.37 29.24 1976.77 14.20 1937.38 55.13 1977.78 53.66 53.82 194.43 40.41 1982.83 70.19 194.44 48.21 1981.82 57.40 194.45 31.74 1984.85 27.40 194.44 26.19 1986.87 25.25 1947.48 32.93 1987.88 31.22 194.44 32.93 1987.88 31.28 199.49 41.61 1945.46 36.11 1985.86 48.68 1946.47 25.90 1986	1921-22	28.74	1961-62	31.46		2001-02	31.74
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 1936.37 29.24 1976.77 14.20 1937.38 55.13 1977.78 53.66 53.22 1942.43 40.41 1982.83 70.19 194.42 48.21 1981.82 55.82 194.43 43.76 49.682 1986.87 25.25 194.445 31.74 1986.87 25.25 47.74 1981.92 31.38 1944.45 31.74 1986.87 25.25 41.46 1944.45 31.74 1986.87 25.25 1984.99 26.91 1946.47 </th <th>1922-23</th> <th>30.35</th> <th>1962-63</th> <th>44.45</th> <th></th> <th>2002-03</th> <th>49.70</th>	1922-23	30.35	1962-63	44.45		2002-03	49.70
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 $2014-15$ 26.75 $1935-36$ 37.83 $1977-78$ 53.66 $2014-15$ 26.75 $1939-40$ 41.01 $1979-80$ 44.79 44.79 $1940-41$ 56.92 $1980-81$ 26.82 43.76 $1942-43$ 40.41 $1982-83$ 70.19 49.44 $1944-45$ 31.74 $1986-87$ 25.25 45.66 $1944-45$ 31.74 $1988-89$ 31.48 $1946-47$ 25.90 $1986-87$ 25.25 45.06 $1948-49$ 27.53 $1988-90$ 26.91 $1945-54$ 36.66 $1990-91$ 26.00	1923-24	16.19	1963-64	24.96		2003-04	38.99
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 $2014-15$ 26.75 $1936-37$ 29.24 $1976-77$ 14.20 $2014-15$ 26.75 $1937-38$ 55.13 $1977-78$ 53.66 $2014-15$ 26.75 $1939-40$ 41.01 $1979-80$ 44.79 44.79 $1940-41$ 56.92 $1980-81$ 26.82 43.76 $1942-43$ 40.41 $1982-83$ 70.19 40.41 $1942-43$ 40.41 $1985-86$ 48.68 $1944-45$ 31.74 $1986-87$ 25.25 $1947-48$ 32.93 $1987-88$ 30.22 $1944-47$ 25.90 $1986-87$ 25.25 $1947-48$ 32.93 $1988-89$ 21.48 $1946-47$ 25.90 <td< th=""><th>1924-25</th><th>47.44</th><th>1964-65</th><th>50.84</th><th></th><th>2004-05</th><th>41.46</th></td<>	1924-25	47.44	1964-65	50.84		2004-05	41.46
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1925-26	26.33	1965-66	35.46		2005-06	60.39
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1926-27	47.32	1966-67	43.16		2006-07	26.15
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1927-28	34.94	1967-68	32.95		2007-08	31.64
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1928-29	24.44	1968-69	51.28		2008-09	22.68
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1929-30	31.08	1969-70	48.71		2009-10	40.51
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1930-31	20.06	1970-71	38.31		2010-11	42.78
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1931-32	27.67	1971-72	25.61		2011-12	23.50
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1932-33	24.71	1972-73	42.09		2012-13	24.05
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 $1952-53$ 45.06 $1992-93$ 50.49	1933-34	25.21	1973-74	57.09	*	2013-14	28.86
	1934-35	33.05	1974-75	38.60		2014-15	26.75
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 $1952-53$ 45.06 $1992-93$ 50.49	1935-36	37.83	1975-76	18.75			
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	1936-37	29.24	1976-77	14.20			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1937-38	55.13	1977-78	53.66			
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	1938-39	22.86	1978-79	30.23			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1939-40	41.01	1979-80	44.79			
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	1940-41	56.92	1980-81	26.82			
1943-4426.191983-8443.761944-4531.741984-8527.401945-4636.111985-8648.681946-4725.901986-8725.251947-4832.931987-8830.221948-4927.531988-8931.481949-5029.751989-9026.911950-5142.281990-9126.001951-5247.741991-9231.381952-5345.061992-9350.49	1941-42	48.21	1981-82	55.82			
1944-4531.741984-8527.401945-4636.111985-8648.681946-4725.901986-8725.251947-4832.931987-8830.221948-4927.531988-8931.481949-5029.751989-9026.911950-5142.281990-9126.001951-5247.741991-9231.381952-5345.061992-9350.49	1942-43	40.41	1982-83	70.19	1200		
1945-4636.111985-8648.681946-4725.901986-8725.251947-4832.931987-8830.221948-4927.531988-8931.481949-5029.751989-9026.911950-5142.281990-9126.001951-5247.741991-9231.381952-5345.061992-9350.49	1943-44	26.19	1983-84	43.76			
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	1944-45	31.74	1984-85	27.40	1		
1947-4832.931987-8830.221948-4927.531988-8931.481949-5029.751989-9026.911950-5142.281990-9126.001951-5247.741991-9231.381952-5345.061992-9350.49	1945-46	36.11	1985-86	48.68		designed and	
1948-4927.531988-8931.481949-5029.751989-9026.911950-5142.281990-9126.001951-5247.741991-9231.381952-5345.061992-9350.49	1946-47	25.90	1986-87	25.25		0.000	0 0
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	1947-48	32.93	1987-88	30.22		1111	01.1.014
1950-5142.281990-9126.001951-5247.741991-9231.381952-5345.061992-9350.49	1948-49	27.53	1988-89	31.48			1.1
1951-52 47.74 1991-92 31.38 1952-53 45.06 1992-93 50.49	1949-50	29.75	1989-90	26.91	•	10.0	0100
1952-53 45.06 1992-93 50.49	1950-51	42.28	1990-91	26.00			•
					0	1	
1953-54 35.74 1993-94 23.73						0	
	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	_	IVESTOCK RODUCTION	LIVESTOCK AND POULTRY PRODUCTS	NURSERY PROD.	VEG PROD.	FIELD CROPS	TOTAL
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
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



TOP TEN GRAPE VARIETY VALUES

VARIETY	Acres Bearing	Acres Total	TONS	VALUE PER TON	TOTAL VALUE
Chardonnay	4,597	4,851	18,355	\$1,266.89	\$23,253,377
Pinot Noir	2,661	2,722	6,367	\$2,997.15	\$19,082,854
Cabernet Sauvignon	2,665	2,888	8,560	\$1,923.71	\$16,466,957
Zinfandel	1,912	1,921	5,562	\$1,525.40	\$8,484,275
Merlot	1,426	1,426	6,401	\$1,192.42	\$7,632,680
Sauvignon Blanc	680	681	3,070	\$1,270.91	\$3,901,694
Petite Sirah	570	577	1,989	\$1,677.29	\$3,336,130
Syrah	671	671	1,910	\$1,348.68	\$2,575,979
Carignane	355	355	938	\$1,170.08	\$1,097,535
Gewurtzraminer	167	170	358	\$1,528.40	\$547,167

