

# 2017 Idaho Barley Report



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Idaho Barley Commission

January 2017

# Key Points

- ❑ **BIG 2016 North American Malting Barley Crop**
- ❑ **Record Grain World Stocks**
- ❑ **MY 2016/17 Barley Market Fundamentals**
- ❑ **Look Ahead to 2017 Crop Year**

# 2016 Idaho Barley Crop

**Harvested area - 580,000 acres**  
unchanged

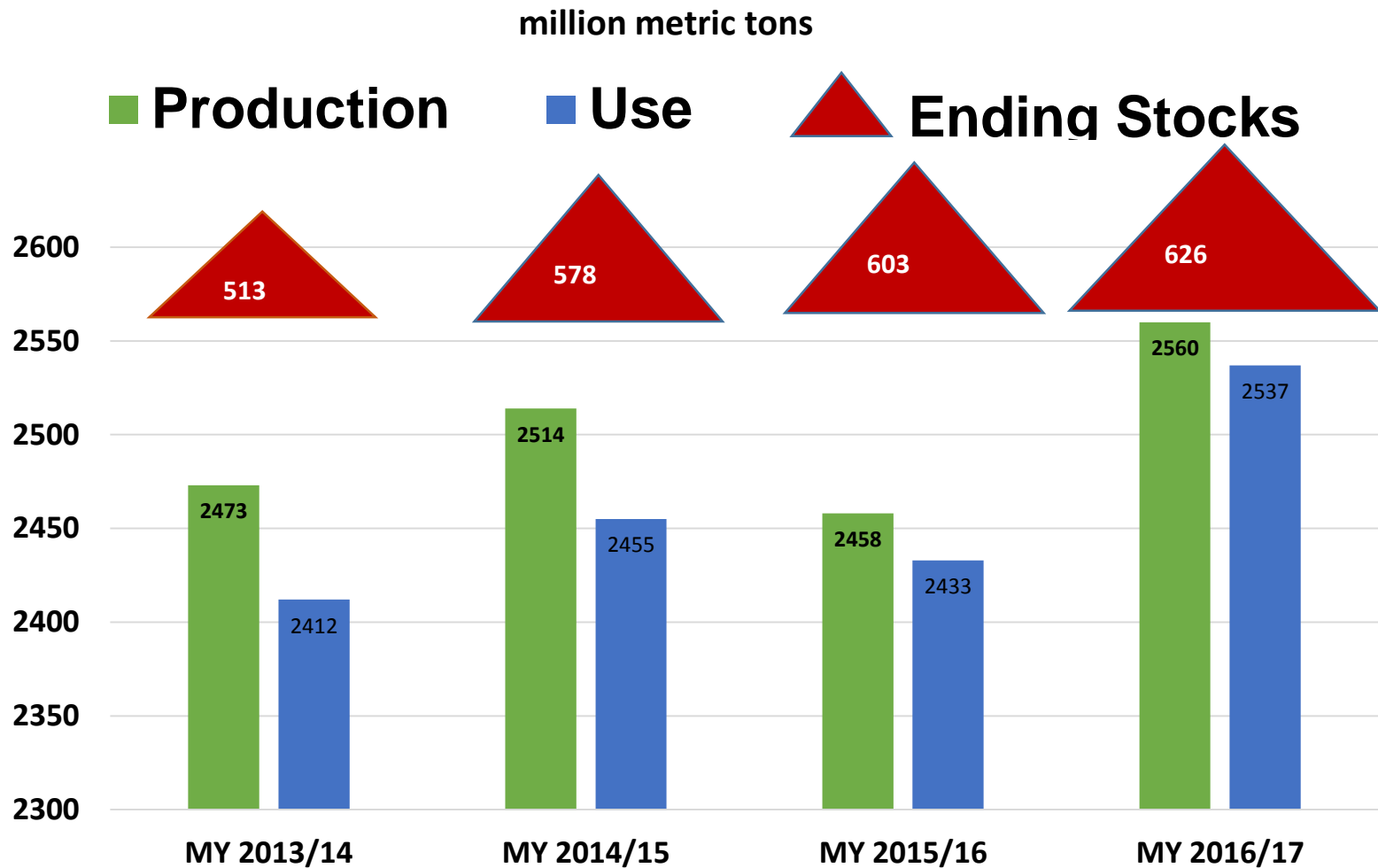
**Production - 62.1 million bu** ↑10%

**Ave. Yields - 107 bpa** ↑10%

**Est. Farm-Gate Value: \$304 million**  
↑16%

**Idaho barley represents 31% of US  
crop**

# 2016/17 Global Grain S&D



Source: USDA WASDE Jan. 12, 2017

# MY 2016/17 World Grain S&D

## USDA, Jan. 12, 2017

	<u>World Barley</u>	<u>U.S. Barley</u>	<u>World Corn</u>	<u>U.S. Corn</u>	<u>World Wheat</u>	<u>U.S. Wheat</u>
<b>Output</b>	144 MMT -3%	4.3 MMT -9%	1038 MMT +8%	385 MMT +11%	753 MMT +2%	63 MMT +12%
<b>Use</b>	147 MMT -1%	4.5 MMT +3%	1027 MMT +7%	314 MMT +5%	740 MMT +4%	34 MMT +6%
<b>Ending</b>	23 MMT -9%	2.3 MMT +1%	221 MMT +5%	60 MMT +36%	253 MMT +5%	32 MT +22%
<b>Stocks / Use</b> (previous year)	15.7% vs 17.0%	48% vs 48%	21.5% vs 22%	16.1% vs 12.7%	34.2% vs 33.8%	53.3% vs 50%

Source: USDA WASDE Jan. 12, 2017

# 2016/17 Corn Market



- 15.1 billion bu +11%
- Ave. yield 174.6 bpa +4%
- Domestic demand +5%  
feed +9% and ethanol +2%
- U.S. exports recover +17% vs.  
+2%
- U.S. ending stocks +36%  
U.S. stocks-to-use 16.1% vs.  
12.7%
- World corn competitors +25%

# 2016/17 Barley Market



- **Back-to-back BIG MALTING CROPS**
- **2016 U.S. production -9%**
- **U.S. ending stocks +1%**  
**U.S. stocks-to-use 48% vs. 48%**
- **World ending stocks -9%**  
**World s/u 15.7% vs. 17%**

# U.S. Beer Demand



Percent Change in Volume	Calendar Year 2016	Calendar Year 2015	Calendar Year 2014	Calendar Year 2013
Total Supply		<b>-0.1%</b>	<b>+0.4%</b>	<b>-1.2%</b>
Domestics	<b>YTD -1.2%</b>	<b>-1.2%</b>	<b>-0.7%</b>	<b>-1.3%</b>
Imports		<b>+6.2%</b>	<b>+6.9%</b>	<b>-0.6%</b>

**2016  
Domestic  
Beer Sales  
-1.2%**

**2015 Craft  
Beer Sales  
+ 13%  
12% share**



# Growth in food barleys

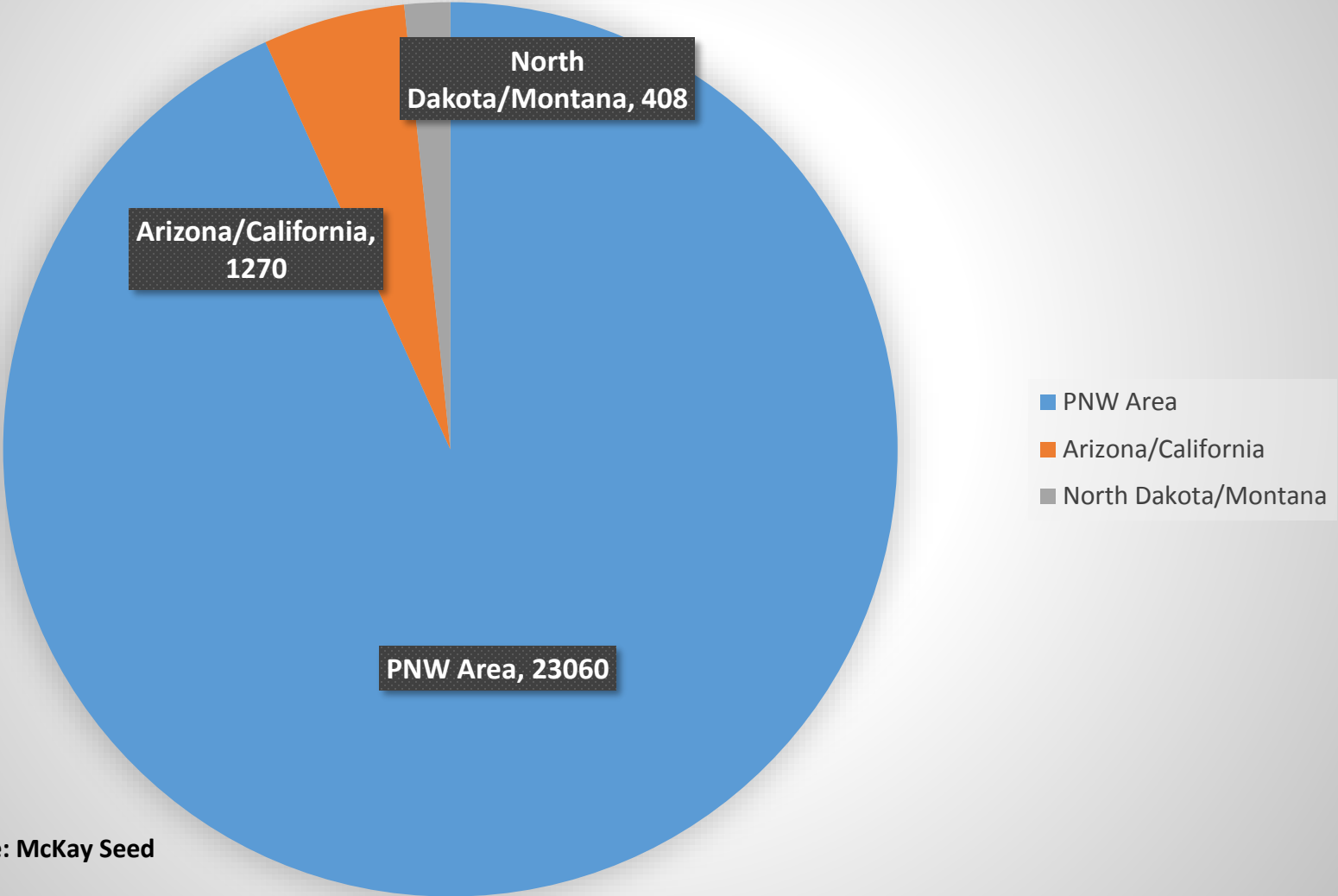


- FDA heart health claim 2006
- Growth has been slow but steady
- Biggest growth has been in Asian exports – Japanese rice extender demand tripling



# U.S. Food Barley Production

(metric tons)



Source: McKay Seed

# U.S. Food Barley Products



## Colored Barley Product Line

Purple Shrunken Endosperm YU509-017



Blue Plump BZ5S09-00916



Purple Highland Specialty Grains BZ500-63



Black Highland Specialty Grains PH496-57



# U.S. Food Barley Symposium

Feb. 23-24, 2017

Ardent Mills Food Innovation  
Center, Denver CO



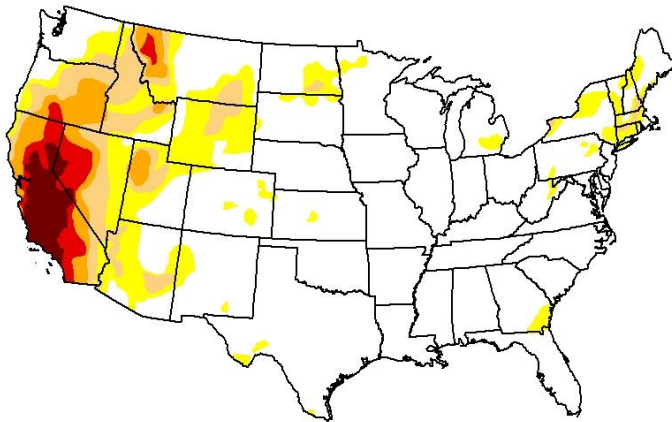
- Barley supply chain
- Barley nutritional story
- Barley health benefits / microbiome health
- Barley functionality & Innovative applications
- Barley market appeal
- Targeted consumer groups

# 2017 New Crop Outlook

- North Idaho malting & food barley contracts steady to higher.
- U.S. winter wheat acres pegged at 32.38 million, lowest since 1909, -10% (Idaho -4%)
- U.S. corn acres projected -4%
- Prolonged dryness across PNW has disappeared.

**U.S. Drought Monitor**  
**CONUS**

**January 26, 2016**  
(Released Thursday, Jan. 28, 2016)  
Valid 7 a.m. EST



Intensity:



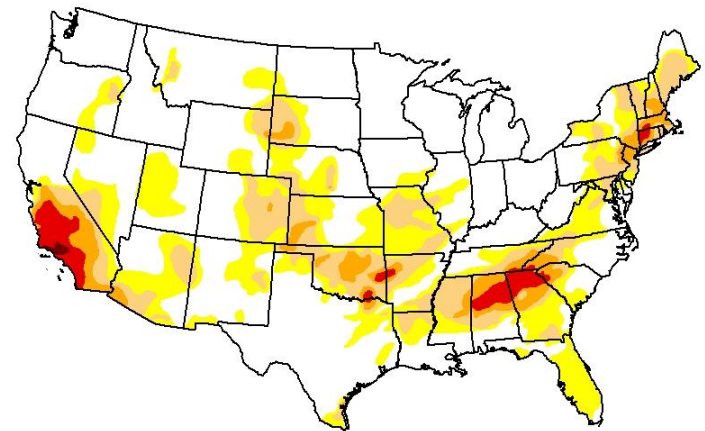
*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

Author:  
Mark Svoboda  
National Drought Mitigation Center



**U.S. Drought Monitor**  
**CONUS**

**January 17, 2017**  
(Released Thursday, Jan. 19, 2017)  
Valid 7 a.m. EST



Intensity:

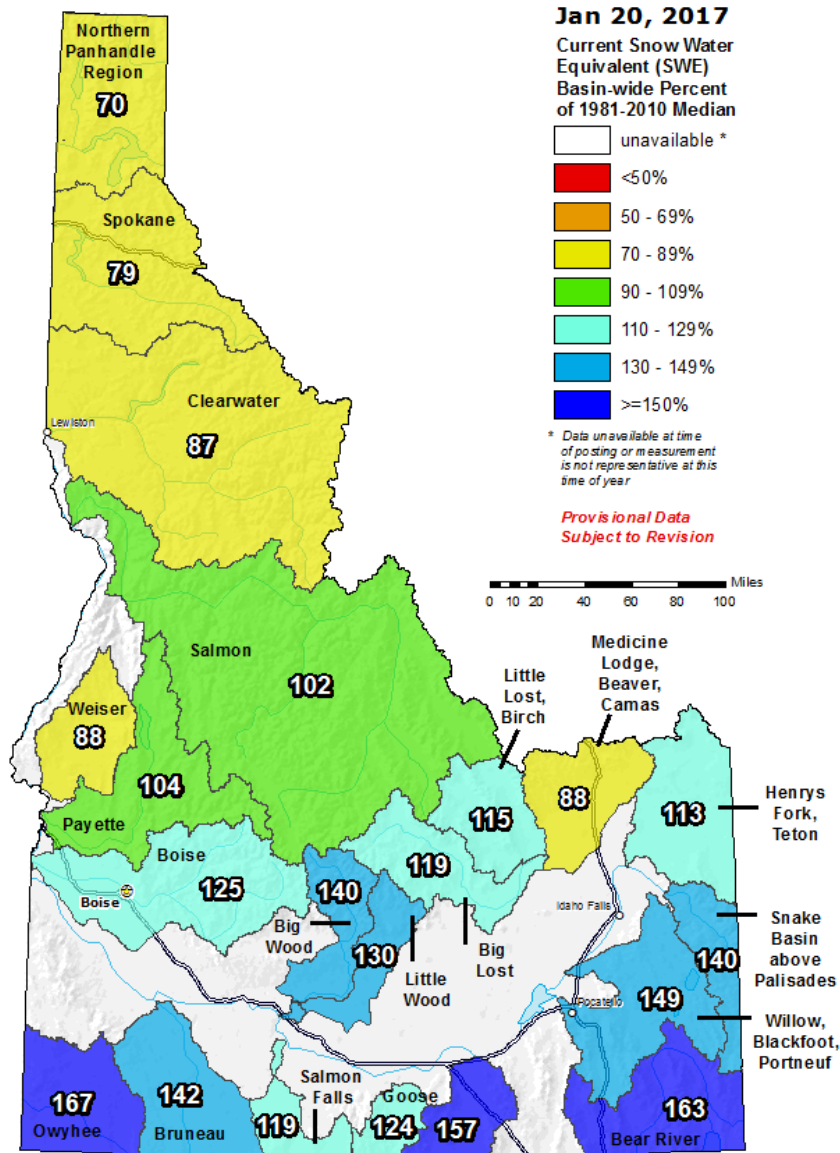


*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

Author:  
Richard Tinker  
CPC/NOAA/NWS/NCEP



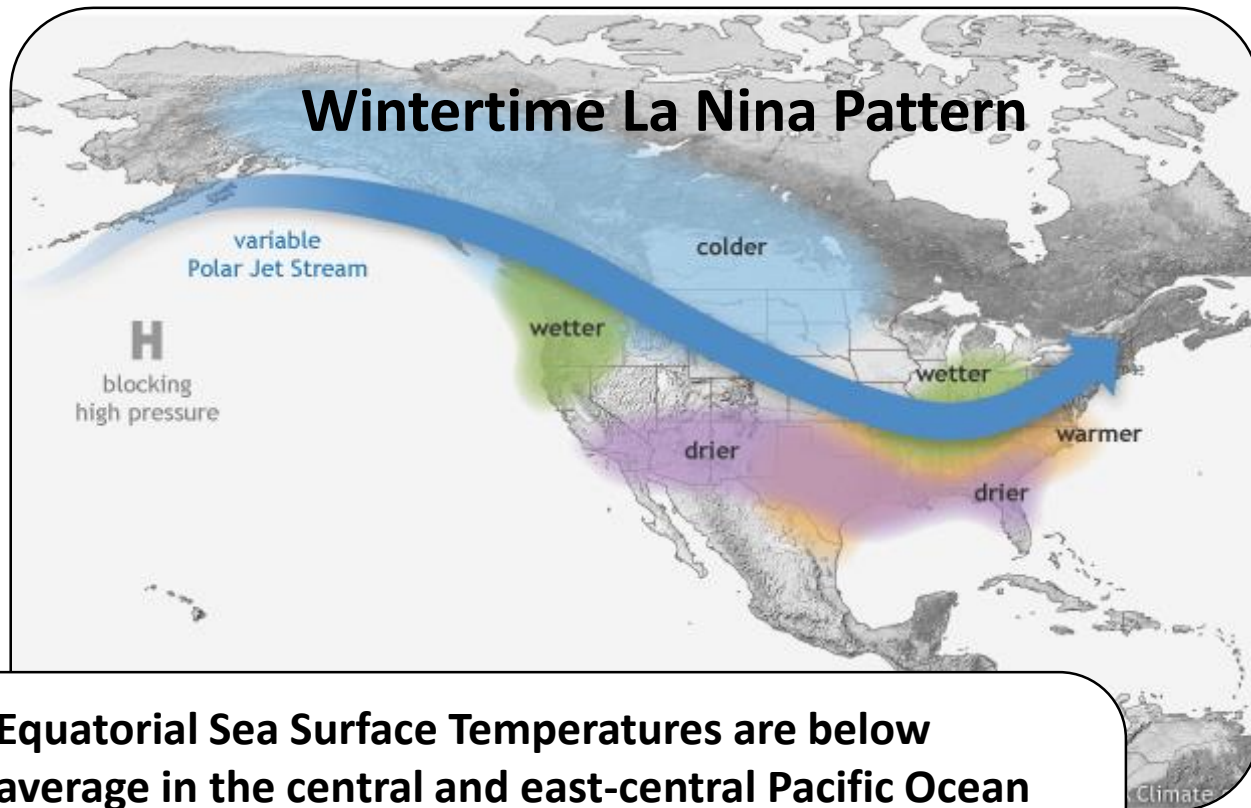
# Idaho SNOTEL Current Snow Water Equivalent (SWE) % of Normal



The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTELs sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

Prepared by:  
 USDA/NRCS National Water and Climate Center  
 Portland, Oregon  
<http://www.wcc.nrcs.usda.gov>

# La Nina Winter Outlook



- **Equatorial Sea Surface Temperatures are below average in the central and east-central Pacific Ocean**
- **La Niña conditions are present**
- **La Niña is slightly favored to persist (~55% chance) through winter 2016-2017**

# IBC GROWER EDUCATION

- **2017 Winter Weather & Water Outlook Webinar presented by NWS Senior Hydrologist Troy Lindquist on Nov. 17, 2016.** Recorded link can be found at <https://vimeo.com/191984871>
- **Feb. 17 at 9 AM PST – What’s Your Breakeven Price – Using UI Tools to calculate your Cost of Production (Ben Eborn)**  
<https://uidaho.zoom.us/j/720140886>
- **Feb. 28 at 6 PM PST – Writing a Pre-Harvest Grain Marketing Plan (Ed Usset)**  
<https://umn.webex.com/umn/j.php?MTID=m0826bf268d041cfe4dee9433ecbd9532>, meeting number: 748 167 356

## LEWISTON GRAIN MARKETING WORKSHOPS (collaboration with University of Idaho Extension)

- **Feb. 6 - Marketing Grain 2017**
- **Feb. 15 - Five Common Mistakes in Grain Marketing (Ed Usset)**





*Thank You*

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