

# **IAOM Western District 2017 Crop Update**

August 17<sup>th</sup>, 2017  
Big Sky, Montana

Collin Watters, Executive Vice President  
Montana Wheat and Barley Committee

# Overview

-  The Committee
-  The Drought
-  Hard Red Spring
-  Hard Red Winter
-  The World Supply and Demand

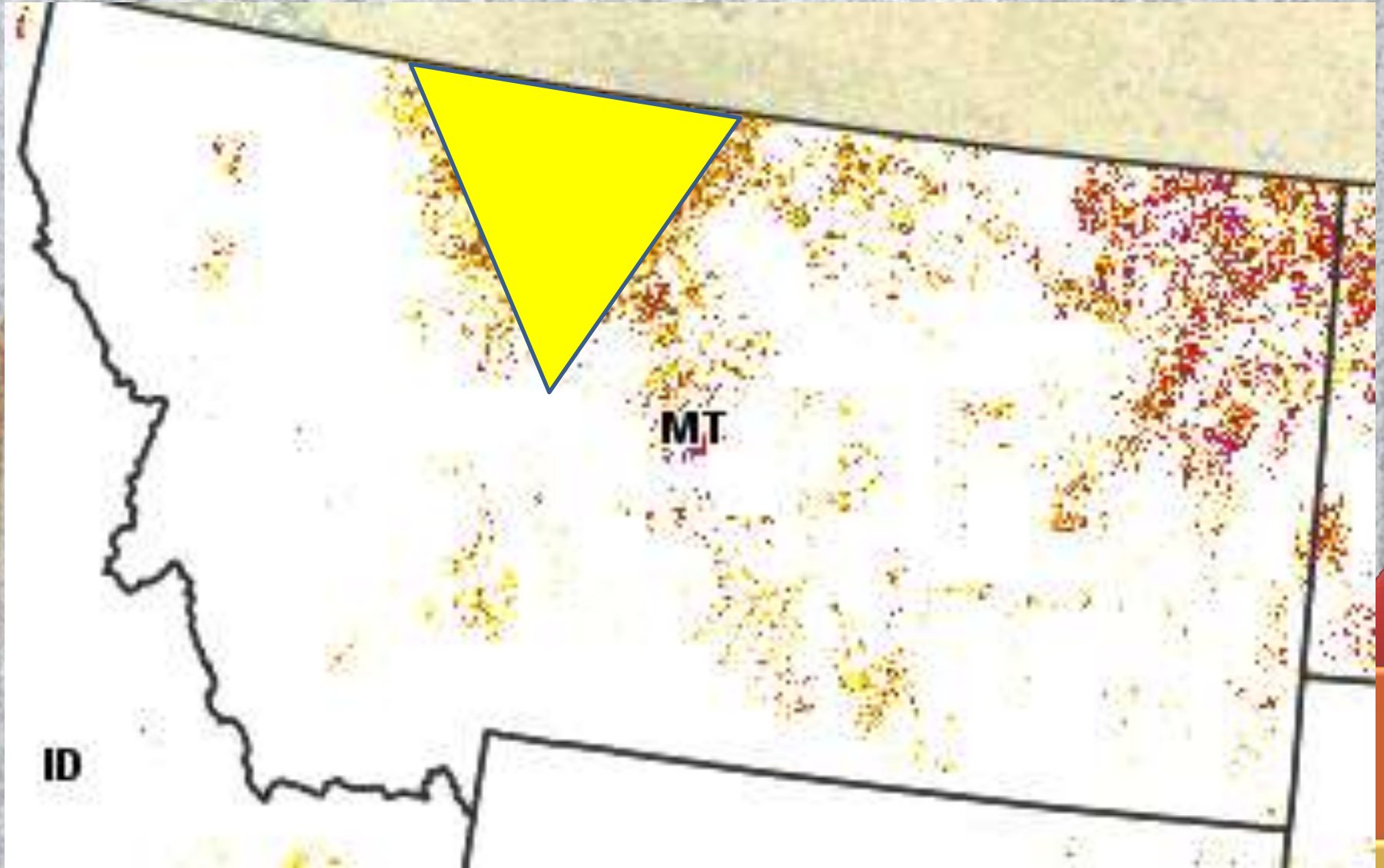
# Montana Wheat and Barley Committee

- Created in 1967
- Seven grower-directors
- Research, Marketing and Education
- \$4.5 million annual budget



# The Drought

- “Flash Drought”; “Hundred Year Drought”
- Montana’s growing regions
- The progression
- Photos



# Drought Monitor

[www.droughtmonitor.unl.edu](http://www.droughtmonitor.unl.edu)

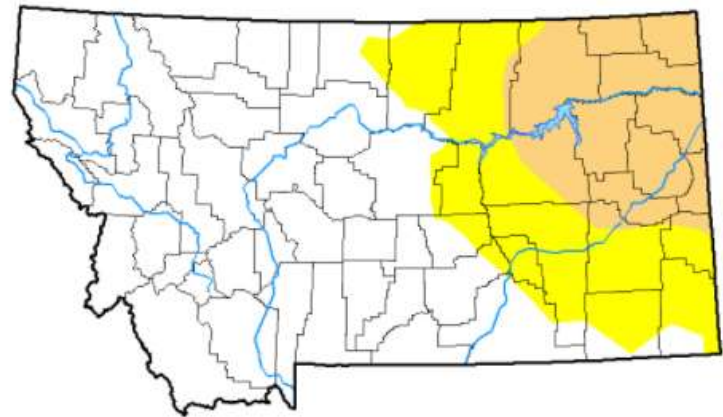
Category	Description	Possible Impacts
D0	Abnormally Dry	<p>Going into drought:</p> <ul style="list-style-type: none"><li>▪ short-term dryness slowing planting, growth of crops or pastures</li></ul> <p>Coming out of drought:</p> <ul style="list-style-type: none"><li>▪ some lingering water deficits</li><li>▪ pastures or crops not fully recovered</li></ul>
D1	Moderate Drought	<ul style="list-style-type: none"><li>▪ Some damage to crops, pastures</li><li>▪ Streams, reservoirs, or wells low, some water shortages developing or imminent</li><li>▪ Voluntary water-use restrictions requested</li></ul>
D2	Severe Drought	<ul style="list-style-type: none"><li>▪ Crop or pasture losses likely</li><li>▪ Water shortages common</li><li>▪ Water restrictions imposed</li></ul>
D3	Extreme Drought	<ul style="list-style-type: none"><li>▪ Major crop/pasture losses</li><li>▪ Widespread water shortages or restrictions</li></ul>
D4	Exceptional Drought	<ul style="list-style-type: none"><li>▪ Exceptional and widespread crop/pasture losses</li><li>▪ Shortages of water in reservoirs, streams, and wells creating water emergencies</li></ul>



# May 2<sup>nd</sup> – June 6<sup>th</sup>

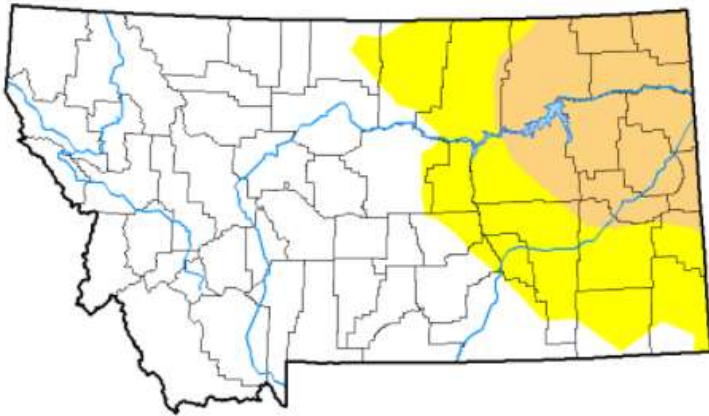


May 2, 2017

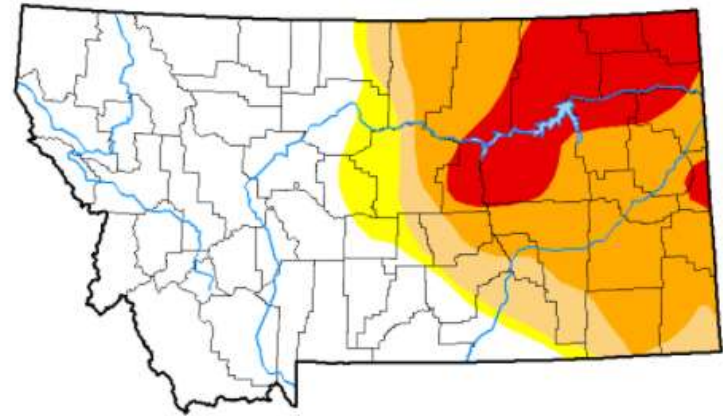


June 6, 2017

# June 6<sup>th</sup> - July 4<sup>th</sup>



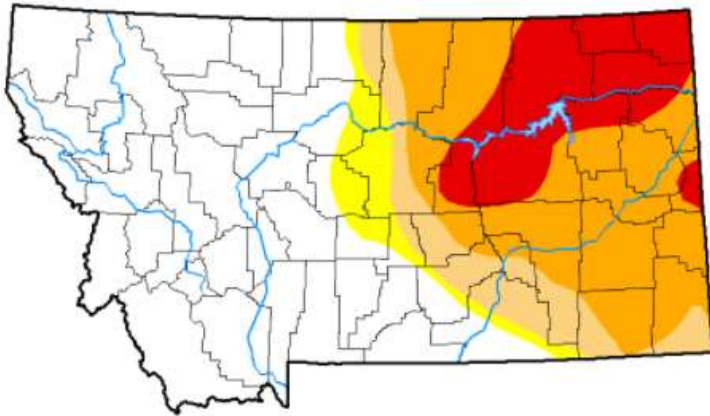
◀ June 6, 2017 ▼ ▶



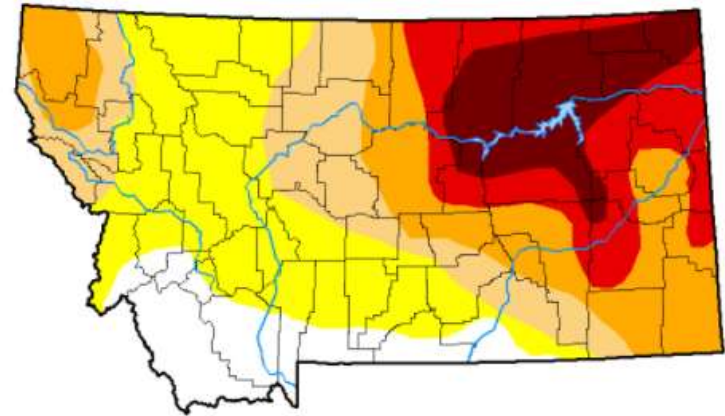
◀ July 4, 2017 ▼ ▶



# July 4<sup>th</sup> – August 8<sup>th</sup>



July 4, 2017

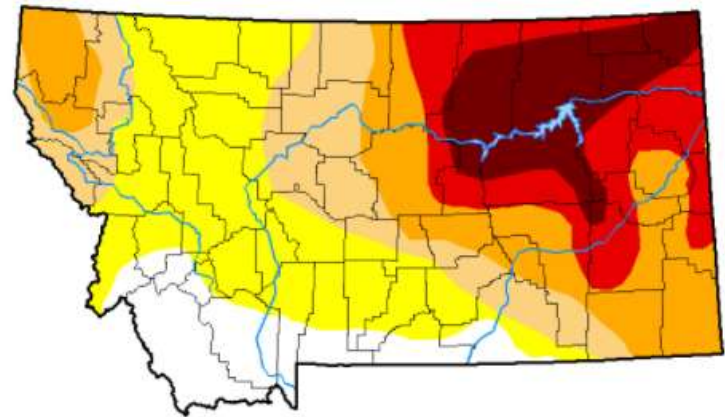


August 8, 2017

# May 2<sup>nd</sup> – August 8<sup>th</sup>



May 2, 2017



August 8, 2017



# On The Ground





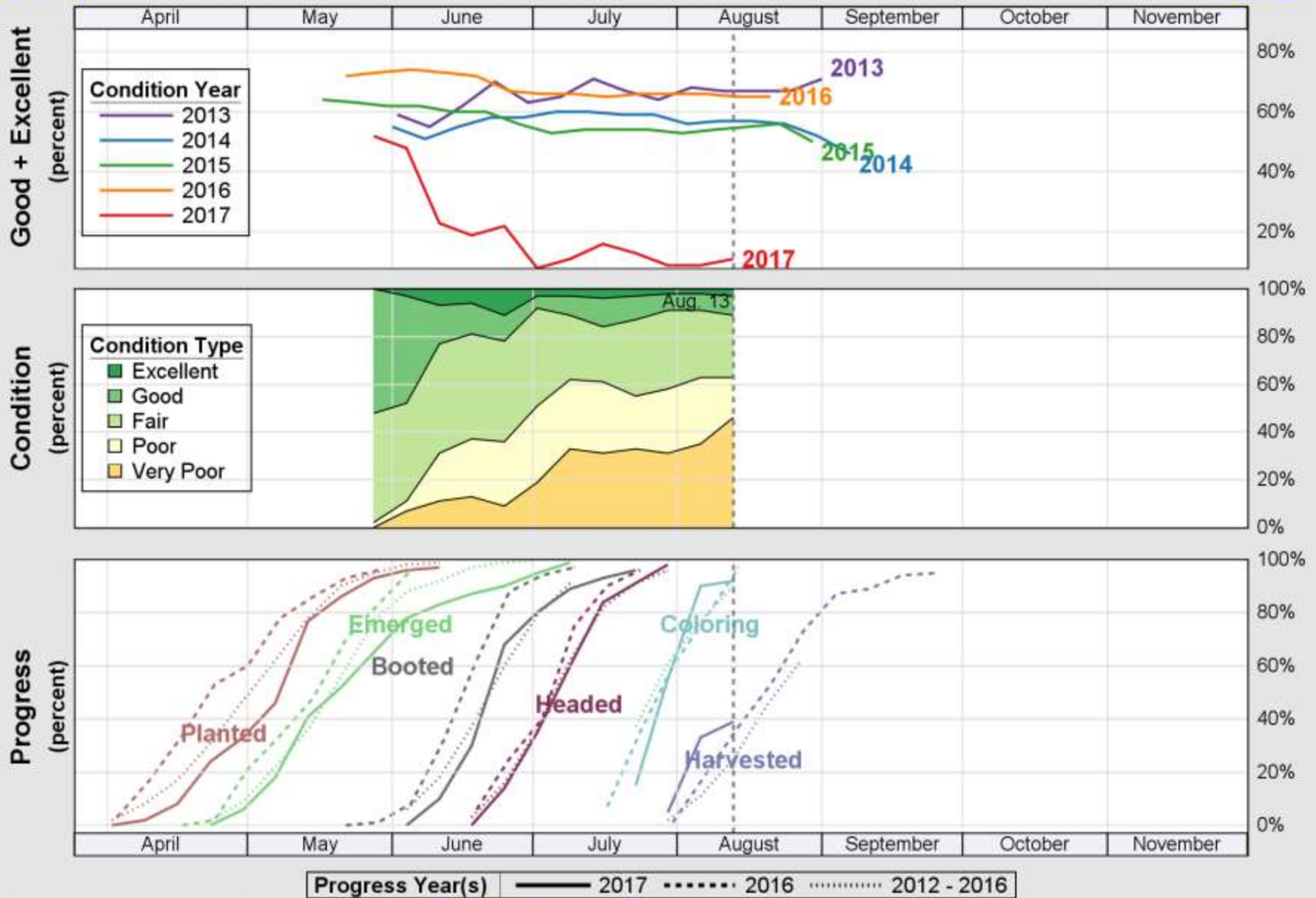
# On The Ground



# Hard Red Spring

- MT acres up slightly over 2016
- Projected production 47 million bushels
  - Down nearly 40% from 2016
- Yield problems in NE / E. Montana; but quality looks very good
- Early harvest in ND and Golden Triangle are promising







# HRS State Grain Lab Data

	TW	Count	% M	Count	DHV	Count	Protein	Count
2012	60.7	5905	9.9	6021	91.7	3646	14.1	6152
2013	61.9	8111	10.8	8410	69.9	5158	13.5	8491
2014	59.4	9295	12.0	9672	40.8	8718	14.0	9766
2015	60.6	2053	10.9	2121	81.0	1499	14.4	2140
2016	60.1	2905	11.2	3012	79.3	2972	14.0	3042
2017	59.2	123	10.5	126	90.1	126	14.9	126
Average	60.3	4732.0	10.9	4893.7	75.5	3686.5	14.1	4952.8

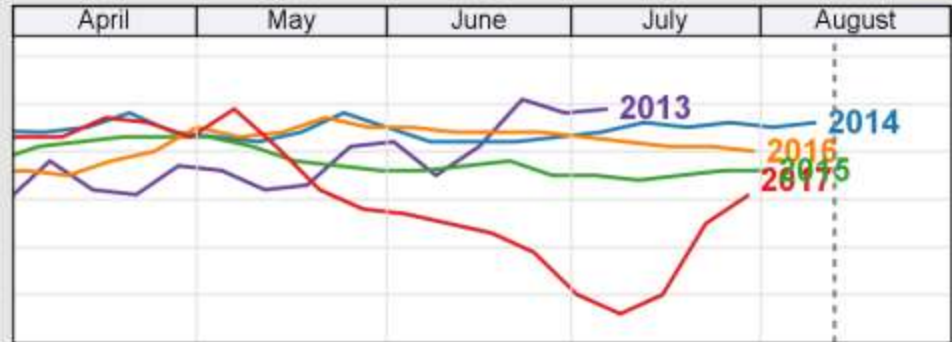
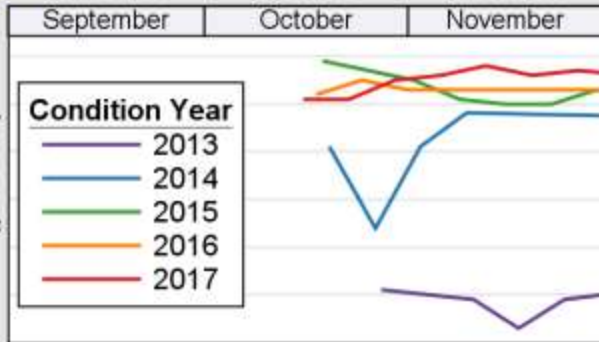
	Dockage	Count	Damage	Count	Defects	Count	SHBN	Count
2012	0.8	6019	0.1	6021	1.9	6016	1.7	6016
2013	0.7	8415	0.1	8441	1.3	8411	1.1	8411
2014	0.8	9667	0.8	9674	2.2	9664	1.4	9664
2015	0.7	2110	0.2	2113	1.6	2109	1.4	2109
2016	1.0	3012	0.4	3026	1.9	3010	1.4	3009
2017	1.0	126	0.1	127	2.2	126	2.1	126
Average	0.8	4891.5	0.3	4900.3	1.8	4889.3	1.5	4889.2

	CCL	Count	WOCL	Count	FM	Count	FN	Count
2011	1.6	66	2.7	190	0.06	6186	366.9	3924
2012	1.3	51	2.7	158	0.07	6016	389.2	3410
2013	2.2	61	2.6	186	0.07	8411	396.3	4648
2014	1.3	21	2.8	143	0.04	9664	333.8	8714
2015	2.4	12	2.7	31	0.06	2109	378.6	1591
2016	2.0	22	2.3	56	0.10	3009	415.1	2485
2017	0.4	3	1.6	5	0.11	126	434.8	82
Average	1.6	28.3	2.4	96.5	0.1	4889.2	391.3	3488.3

# Hard Red Winter

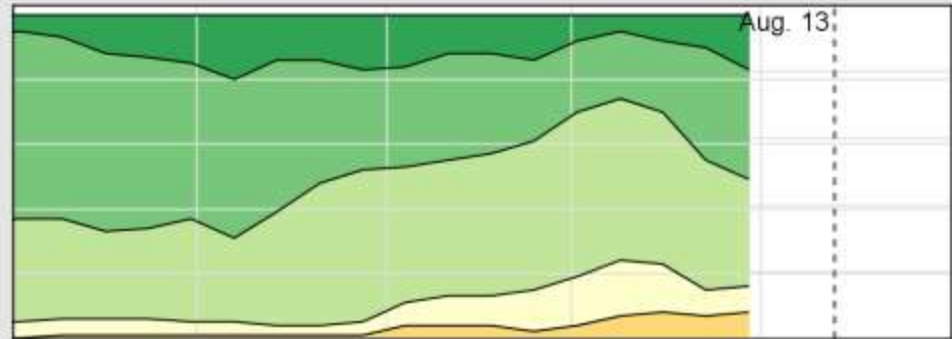
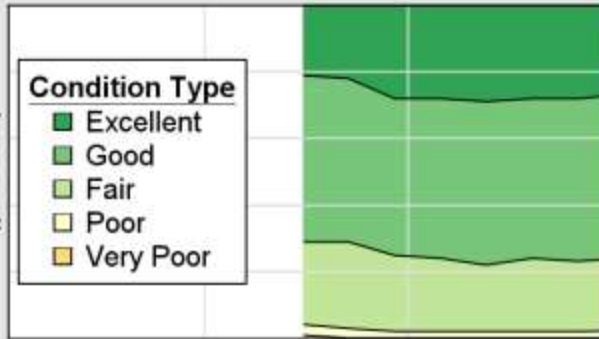
- ✦ MT acres down by 400,000; 18%
- ✦ Projected production 76 million bushels
  - ✦ Down 28% from 2016
- ✦ Good quality news from the Golden Triangle
- ✦ NASS questions??

Good + Excellent  
(percent)



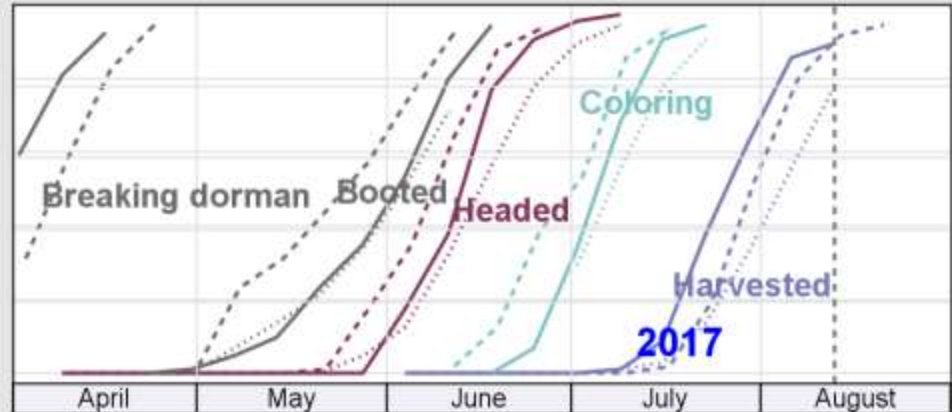
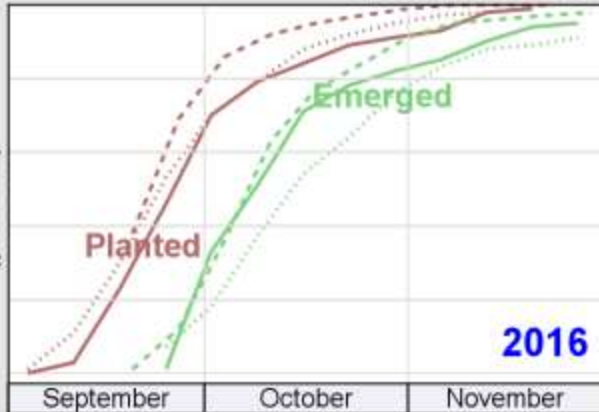
80%  
70%  
60%  
50%  
40%  
30%  
20%

Condition  
(percent)



100%  
80%  
60%  
40%  
20%  
0%

Progress  
(percent)



100%  
80%  
60%  
40%  
20%  
0%

Progress Year(s) — 2017 - - - - - 2016 ..... 2012 - 2016



# HRW State Grain Lab Data

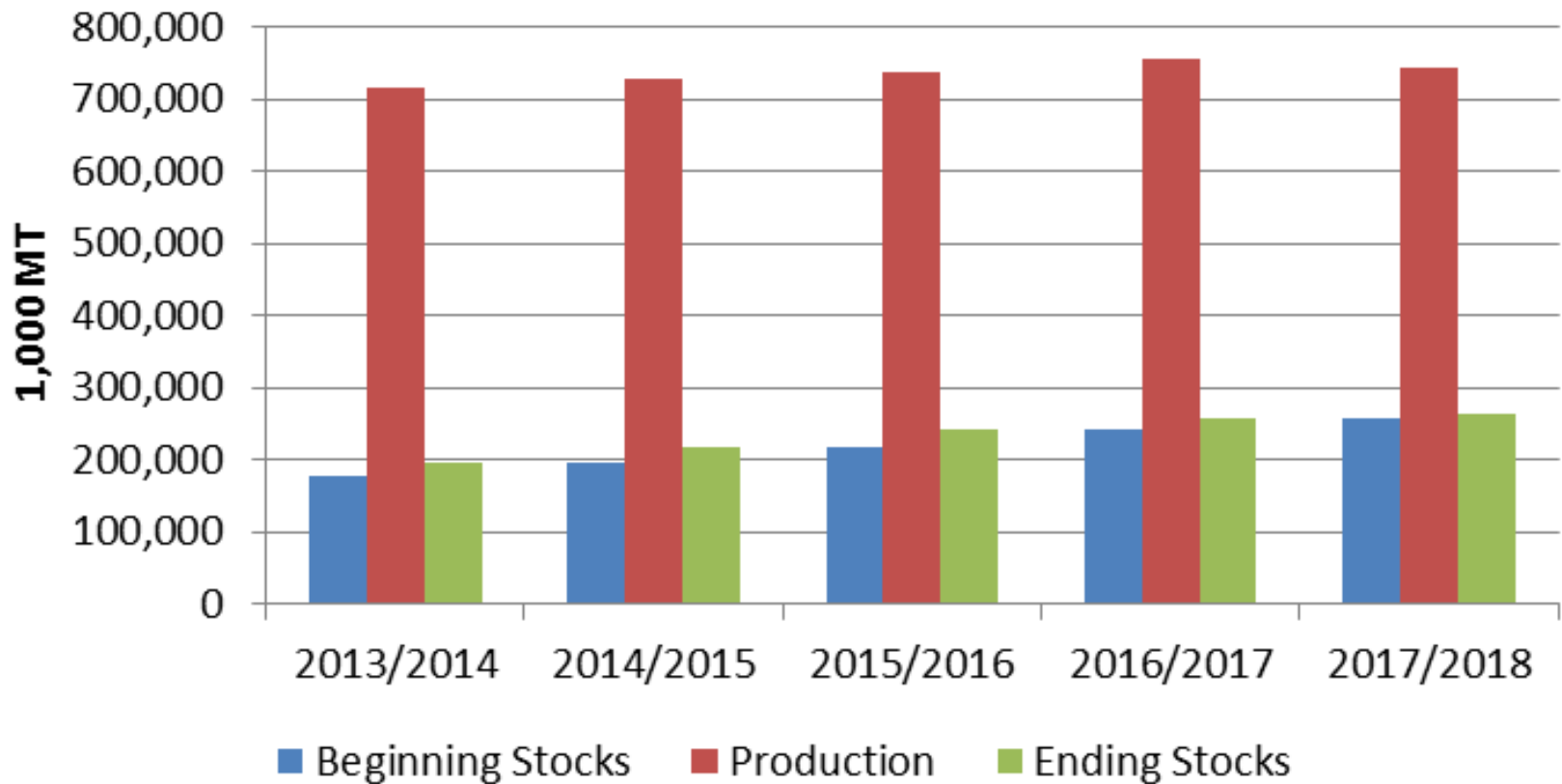
	TW	W (kg / h)	Count	% M	Count	PRO	Count
2012	60.9	78.4	8430	9.5	8473	12.1	8608
2013	61.1	78.6	7976	10.9	8127	12.2	8148
2014	61.5	79.2	6387	10.8	6576	12.9	6615
2015	59.8	76.9	3545	10.4	3545	12.0	3617
2016	61.4	79.1	5199	10.3	5802	11.6	5708
2017	61.8	79.5	609	9.2	597	12.4	620
Average	61.1	78.6	5357.7	10.2	5520.0	12.2	5552.7

	Dockage	Count	Damage	Count	DEF	Count	SHBN	Count
2012	0.7	8476	0.0	8473	2.1	8472	2.1	8472
2013	0.6	8124	0.1	8124	1.8	8124	1.6	8125
2014	0.5	6556	1.1	6572	2.2	6557	1.1	6556
2015	0.6	3597	0.0	3597	1.8	3598	1.7	3598
2016	0.6	5801	0.1	5801	1.1	5802	1.0	5802
2017	0.4	597	0.0	597	1.2	597	1.1	597
Average	0.6	5525.2	0.2	5527.3	1.7	5525.0	1.4	5525.0

	CCL	Count	WOCL	Count	FM	Count	FN	Count
2012	2.2	40	2.8	678	0.06	8472	412.4	4343
2013	1.6	11	3.4	656	0.05	8125	408.4	5021
2014	2.2	16	3.4	504	0.06	6557	376.0	4692
2015	3.3	3	3.2	76	0.03	3601	413.6	2348
2016	1.6	29	2.8	276	0.06	5801	434.0	4077
2017	0.4	1	0.2	9	0.05	597	472.2	388
Average	1.9	16.7	2.6	366.5	0.1	5525.5	419.4	3478.2

# Supply and Demand

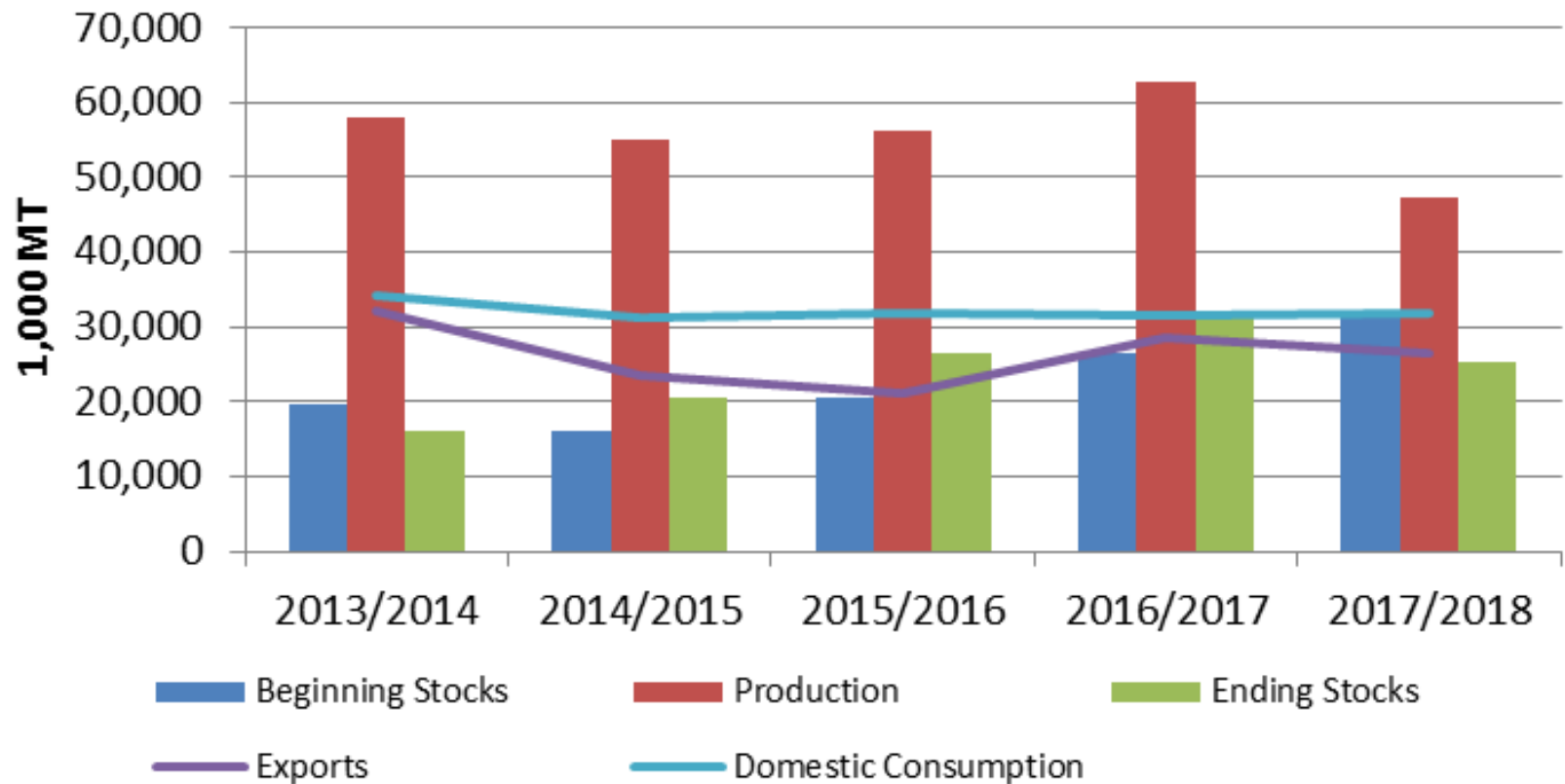
## World Wheat Production and Stocks





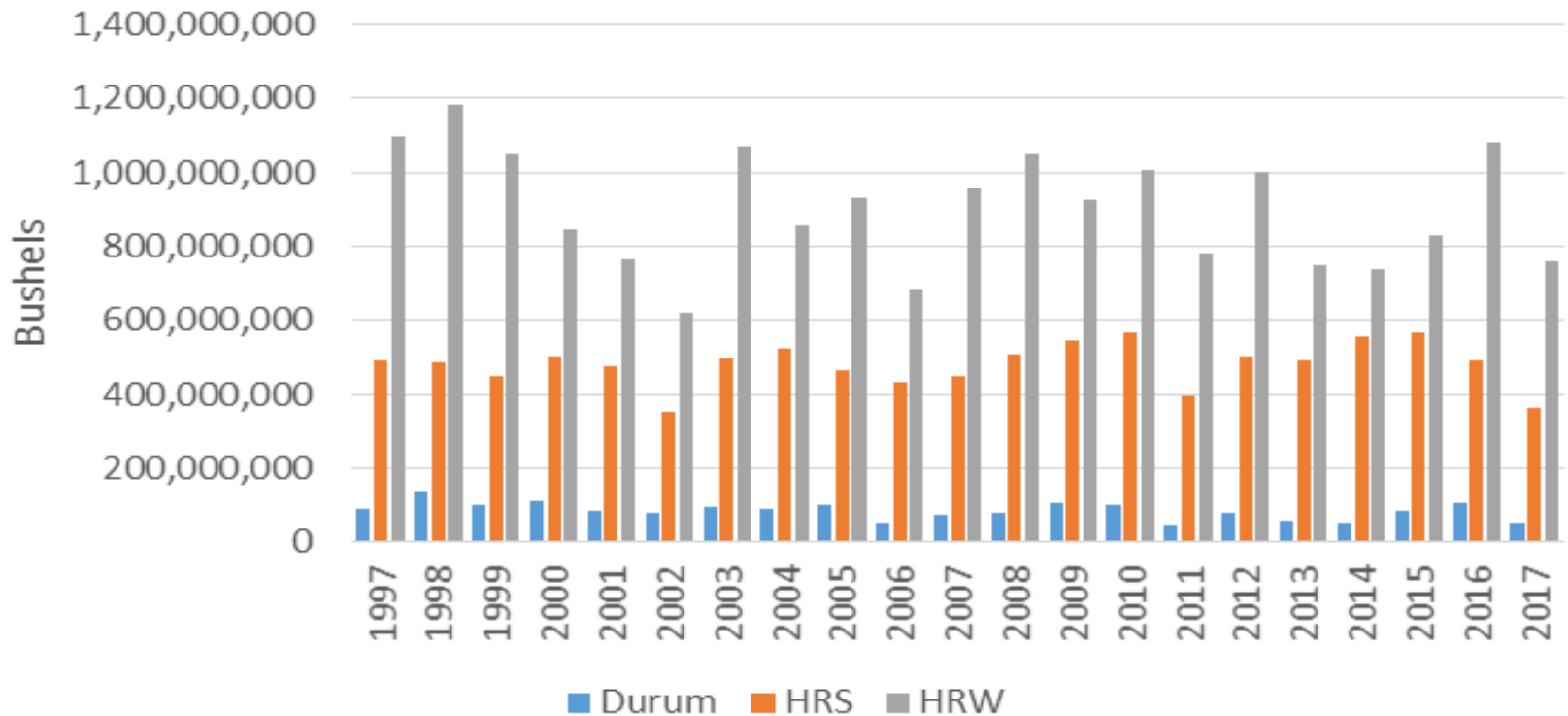
# Supply and Demand

## US Production, Stocks and Use



# HRS, HRW and Durum

US Production by Class





# Thank You!

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MontanaWBC.com

