

## U.S. Wheat Associates


### Harvest Report

August 5, 2016

#### Hard Red Winter

The 2016 HRW harvest is winding down and almost complete in all production areas. Weather conditions have been warm and favorable, and harvest progress continues to be well ahead of the normal average for this date. Montana harvest is now 75% complete, with the remaining areas to be harvested located in the northwest and north central part of the state. Montana continues to report average yields with a wide range of proteins. Most of the HRW crop in Montana is being stored on farm as several elevators have limited storage space available which they are reserving for other higher value crops.

Currently, 385 of the expected 530 samples are in the lab. There is little change in data this week as no new samples were received until late Thursday. The only change this week was in thousand kernel weight (TKW) which dropped slightly to 31.8 grams from 32.8 grams last week, but is still a very good overall average for the crop.

	WHEAT DATA								GRADE FACTORS						<input type="checkbox"/> Final
	Samples		Moisture	Protein	Dry Basis Protein	Dockage	TKW	FN	Grade	Test Weight		FM	Damage	S&B	Defects
	Tested	Expected	%	%	%	%	gm	sec		lb/bu	kg/hl				
This Week	385	530	11.3	11.1	12.6	0.6	31.8	395	1 HRW	60.6	79.7	0.2	0.2	0.9	1.3
Last Week	385	530	11.3	11.1	12.6	0.6	32.0	395	1 HRW	60.6	79.7	0.2	0.2	0.9	1.3
2015 Final	499	499	11.1	12.3	14.0	0.7	29.8	400	2 HRW	59.3	78.0	0.1	0.4	1.2	1.7

Results shown represent all samples collected through this and last week respectively.


**Legend:** Protein = 12% Moisture Basis; TKW = 1000 Kernel Weight; FN = Falling Number; FM = Foreign Material; S&B = Shrunken and Broken; n/a = not available.

#### Soft Red Winter

Milling and flour testing has continued this week, and all results should be compiled by next week. Laboratory mill flour ash values are excellent with an overall average of 0.43% compared to 0.49% in 2015. Farinograph absorption is lower by approximately 0.5 percentage point with a decrease in the Gulf Port states to 52.4% compared with 53.3% last year. Bread bake loaf volume at 715 cc's is similar to last year, but there is a decrease in internal score to 4.8 average from 5.2 last year, with the lowest scores from the East Coast samples. Cookie spread ratio (W/T) is also similar to last year but has increased in the Gulf Port states with the greatest values primarily from Illinois and Kentucky samples. The cookie spread ratio (W/T) of 8.7 is lower for the East Coast data compared with 9.3 in 2015. Alveograph (W) value has increased to 86 ( $10^{-4}$  joules) from 74 in 2015 with both regions showing an increase, but the P/L is unchanged.

DON values are much improved from 2015. The 2016 overall average is 0.7 ppm compared with the unusually high 2.2 ppm of 2015 and the five-year average of 1.4 ppm.

Crop average values reported in the weekly harvest report have not yet been weighted for production. Because some areas with unusually low test weights this year also had relatively low production and areas with higher test weights had relatively high production, production weighting of the results which will be used in USW's 2016 SRW Quality Survey Report is likely to show a higher test weight average and perhaps improvements in other results.


	WHEAT DATA								GRADE FACTORS							<input type="checkbox"/> Final
	Samples		Moisture %	Protein %	Dry Basis		TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	
	Tested	Expected			Protein %	Dockage %				lb/bu	kg/hl					
This Week	484	500	12.4	9.5	10.9	0.5	32.2	329	3 SRW	57.9	76.2	0.2	1.0	0.5	1.8	
Last Week	484	500	12.4	9.5	10.9	0.5	32.2	329	3 SRW	57.9	76.2	0.2	1.0	0.5	1.8	
2015 Final	519	500	12.7	9.9	11.3	0.7	32.0	267	3 SRW	56.9	75.0	0.1	3.4	0.6	4.1	

Results shown represent all samples collected through this and last week respectively.

**Legend:** Protein = 12% Moisture Basis; TKW = 1000 Kernel Weight; FN = Falling Number; FM = Foreign Material; S&B = Shrunken and Broken; n/a = not available.

### Hard Red Spring

No Data Available


	WHEAT DATA								GRADE FACTORS							<input type="checkbox"/> Final
	Samples		Moisture %	Protein %	Dry Basis		TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	DHV %
	Tested	Expected			Protein %	Dockage %				lb/bu	kg/hl					
This Week																
Last Week																
2015 Final	430	430	12.1	14.2	16.1	0.8	32.0	412	1 DNS	61.4	80.7	0.0	0.2	0.8	1.0	77

Results shown represent all samples collected through this and last week respectively.

**Legend:** Protein = 12% Moisture Basis; TKW = 1000 Kernel Weight; FN = Falling Number; FM = Foreign Material; S&B = Shrunken and Broken; n/a = not available.

### Soft White

Current weather conditions are favorable for harvest in the Pacific Northwest. The first 62 soft white samples consist of 32% from north central and northeastern Oregon, 39% from southern Idaho, 16% from southeastern Washington, and 13% from western Oregon. The averages from this week's limited number of samples indicate good test weight at 60.2 lb/bu (79.2 kg/hl), low moisture content at 10.4% (12% mb), low protein at 10.2% (12% MB), and sound falling number value at 326 sec.

	WHEAT DATA								GRADE FACTORS							<input type="checkbox"/> Final
	Samples		Moisture %	Protein %	Dry Basis		TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	
	Tested	Expected			Protein %	Dockage %				lb/bu	kg/hl					
This Week	62	440	10.4	10.2	11.6	0.5	36.9	326	1 SW	60.2	79.2	0.1	0.1	0.5	0.7	
Last Week																
2015 Final	448	440	8.9	10.9	12.4	0.6	30.8	354	2 SW	59.3	78.0	0.0	0.1	1.0	1.1	

Results shown represent all samples collected through this and last week respectively.

**Legend:** Protein = 12% Moisture Basis; TKW = 1000 Kernel Weight; FN = Falling Number; FM = Foreign Material; S&B = Shrunken and Broken; n/a = not available.

### Durum

No Data Available

	WHEAT DATA				GRADE FACTORS				<input type="checkbox"/> Final
	Samples		Dry Basis		Test Weight				



	Moisture		Protein		Protein		Dockage		TKW		FN		Grade		FM		Damage		S&B		Defects		HVAC	
	Tested	Expected	%	%	%	%	gm	sec	lb/bu	kg/hl	%	%	%	%	%	%	%	%	%	%	%	%	%	
This Week																								
Last Week																								
2015 Final	116	118	11.3	13.9	15.8	0.9	39.1	420	1 HAD	60.6	78.9	0.0	0.2	1.1	1.3	91								

Results shown represent all samples collected through this and last week respectively.

**Legend:** Protein = 12% Moisture Basis; TKW = 1000 Kernel Weight; FN = Falling Number; FM = Foreign Material; S&B = Shrunken and Broken; n/a = not available.