

## U.S. Wheat Associates

### Harvest Report


August 26, 2016

#### Hard Red Winter

The 2016 HRW wheat harvest is virtually complete in all production areas. Harvest is 95% complete in Washington and 90% in Idaho. Test weight average in Washington is 61.9 lb/bu (81.4 kg/hl) and 61.5 lb/bu (80.9 kg/hl) in Idaho. The thousand kernel weight (TKW) average is over 33 grams in both states. Overall kernel characteristics are consistently very good throughout all HRW production areas with very few exceptions.

There are now 449 of an expected 530 samples in the lab. There are a few changes this week with the additional samples received. Thousand Kernel Weight (TKW) increased by 0.4 grams to 31.8 g. Test Weight (TW) increased by 0.1 lb/bu to 60.7 lb/bu (79.7 kg/hl).

Preliminary laboratory milling and flour data for one-third of Gulf Tributary samples indicates an impressive laboratory mill flour yield average of 76.9% compared with 73.1% in 2015, flour protein averages 10.5% (14 mb) compared with the five-year average of 11.7% (14% mb). Farinograph test results indicate average development time of 4.1 minutes and stability of 6.0 minutes. Farinograph absorption is 60.1 % compared with the five-year average of 59.7%. Those values have not yet been weighted for production.


	WHEAT DATA								GRADE FACTORS						<input type="checkbox"/> Final	
	Samples		Moisture %	Protein %	Dry Basis Protein %		Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %
	Tested	Expected			lb/bu	kg/hl										
This Week	449	530	11.3	11.2	12.7	0.6	31.8	393	1 HRW	60.7	79.8	0.2	0.2	0.9	1.3	
Last Week	412	530	11.3	11.2	12.7	0.6	31.4	394	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

The final 2016 SRW weekly harvest report was issued on August 12. The full 2016 SRW Quality Survey Report is available at [www.uswheat.org/cropQuality](http://www.uswheat.org/cropQuality).

	WHEAT DATA								GRADE FACTORS						<input type="checkbox"/> Final	
	Samples		Moisture %	Protein %	Dry Basis Protein %		Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %
	Tested	Expected			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

Another steady week of harvest progress was made in the HRS growing region. Approximately

49% of the expected samples has been collected and analyzed for this week's quality report. Average protein content is up slightly to 14.3% compared with 14.1% last week. Test weight average is 61.6 lb/bu (81.0 kg/hl) compared to last year's final average of 61.4 lb/bu (80.7 kg/hl). Falling number average is over 400 seconds at this time indicating a sound crop. Average vitreous kernel content (DH&V) is 77% making the average grade of these samples US No. 1 DNS.


	WHEAT DATA									GRADE FACTORS							<input type="checkbox"/> Final
	Samples		Moisture %	Protein %	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	DHV %	
	Tested	Expected								lb/bu	kg/hl						
This Week	216	444	12.4	14.3	16.3	0.6	31.6	418	1 DNS	61.6	81.0	0.0	0.1	0.7	0.8	77	
Last Week	120	441	12.4	14.1	16.0	0.7	31.5	422	1 DNS	61.9	81.4	0.0	0.1	0.7	0.8	76	
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

This week's 73 soft white samples are from Oregon (37% north central, 14% west, and 10% northeast), Washington (34% southeast and 3% west), and southeast Idaho (2%). This week's weighted averages indicate good test weight at 60.5 lb/bu (79.6 kg/hl), slightly higher than 60.4 lb/bu last week; low moisture content at 10.0%, slightly lower than 10.1% last week; average protein at 10.1%, slightly lower than 10.2% last week; and falling number value at 317 seconds, basically no change from last week.


	WHEAT DATA									GRADE FACTORS							<input type="checkbox"/> Final
	Samples		Moisture %	Protein %	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %		
	Tested	Expected								lb/bu	kg/hl						
This Week	308	440	10.0	10.1	11.5	0.6	36.1	317	1 SW	60.5	79.6	0.0	0.0	0.6	0.6		
Last Week	235	440	10.1	10.2	11.6	0.5	36.2	318	1 SW	60.4	79.4	0.0	0.0	0.5	0.6		
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

Durum wheat harvest is progressing well in both Montana and North Dakota. With about 38% of the samples collected, the average grade is US No 1 HAD with an average test weight of 60.4 lbs/bu (78.7 kg/hl) and HVAC of 92%. Protein content declined to 13.8% (15.7% db) compared with 14.3% (16.3% db) last week. The thousand kernel weight (TKW) increased to 39.6 g compared with 39.4 g last week, and falling number (FN) remained steady at 406 seconds.

	WHEAT DATA									GRADE FACTORS							<input type="checkbox"/> Final
	Samples		Moisture %	Protein %	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	HVAC %	
	Tested	Expected								lb/bu	kg/hl						
This Week	43	113	11.4	13.8	15.7	0.8	39.6	406	1 HAD	60.4	78.7	0.0	0.1	0.8	0.9	92	

Last Week	13	113	11.3	14.3	16.3	0.7	39.4	401		60.7	79.1					
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.