

## U.S. Wheat Associates

### Harvest Report


August 18, 2017

#### Hard Red Winter

The 2017 HRW wheat harvest is rapidly winding down in the areas remaining to be cut. HRW harvest is 87% complete in North Dakota and 99% complete in Montana. HRW harvest in Washington, Oregon and Idaho is 95%, 98% and 90% complete, respectively. The HRW harvest should be essentially complete within the next week to 10 days.

There are 466 samples now in the lab of a revised projection of 500 total samples representing all HRW production areas. This year's crop has many similarities with last year's, including kernel characteristics, dough functionality and baking parameters. With 93% of HRW samples now in the lab the overall average test weight is 60.6 lb/bu (79.7 kg/hl), similar to the final overall test weight of 60.7 lb/bu (79.8 kg/hl) last year. The thousand kernel weight (TKW) average increased by 0.3 grams this week to 31.0 g, somewhat below last year's average of 31.9 g but higher than the five-year average of 29.4 g. The average protein also increased slightly this week to 11.5% (12% mb) compared with 11.2% (12% mb) last year. All other kernel characteristics remained the same or changed only slightly this week.

All data presented are simple averages of all samples tested and are not weighted for production. A final summary of data in mid to late September will contain weighted data and an overall analysis of the crop.


	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	466	500	10.9	11.5	13.1	0.6	31.0	372	1 HRW	60.6	79.7	0.1	0.1	1.0	1.2
Last Week	424	530	11.1	11.4	12.9	0.6	30.7	371	1 HRW	60.4	79.5	0.1	0.1	1.0	1.2
2016 Final	483	483	11.0	11.2	12.7	0.6	31.9	392	1 HRW	60.7	79.8	0.2	0.2	0.8	1.2

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 2017 SRW weekly harvest report was issued on July 28.

	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	270	270	12.7	9.5	10.8	0.4	34.2	320	2 SRW	58.8	77.4	0.1	1.1	0.5	1.7
Last Week	270	270	12.7	9.5	10.8	0.4	34.2	320	2 SRW	58.8	77.4	0.1	1.1	0.5	1.7
2016 Final	484	484	12.4	9.4	10.7	0.5	32.3	330	2 SRW	58.6	77.2	0.1	0.8	0.5	1.4


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

Hard Red Spring harvest was on a pace similar to last year until widespread precipitation across the region delayed harvest progress. Prior to the rainfall, hot and dry conditions had accelerated maturity of the crop. Approximately 18% of the samples have been collected and analyzed for the weekly harvest quality report. Test weight average is 60.6 lb/bu (79.7 kg/hl), which is down from last year's final average

of 61.6 lb/bu (81.0 kg/hl). Average protein content is 15.4% (12% mb) compared to the 14.1% (12% mb) final average last year. Falling number average is over 400 seconds and indicates a sound crop. Average vitreous kernel content (DHV) is 88%, making the average grade of these early samples US Grade 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	81	441	12.2	15.4	17.5	0.7	28.8	416	1 DNS	60.6	79.7	0.0	0.0	1.1	1.1	88
Last Week																
2016 Final	475	475	12.0	14.2	16.1	0.7	31.4	413	1 DNS	61.3	80.6	0.0	0.1	0.8	0.9	79

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 106 soft white samples are from Oregon (32% north central, 8% west, and 5% northeast), Washington (22% southeast, 9% east central, 4% west, and 3% northeast), and north Idaho (16%). This week's weighted averages indicate good test weight at 61.0 lb/bu (80.2 kg/hl), slightly lower than 61.1 lb/bu last week; low moisture content at 8.9%, slightly lower than 9.0% last week; average protein at 9.5% (12% mb), slightly lower than 9.6% (12% mb) last week; and falling number value at 328 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	305	400	8.9	9.5	10.8	0.5	36.1	328	1 SW	61.0	80.2	0.1	0.0	0.5	0.6	
Last Week	199	400	9.0	9.6	10.9	0.5	36.9	326	1 SW	61.1	80.4	0.1	0.0	0.5	0.6	
2016 Final	402	402	9.8	10.1	11.5	0.6	36.3	314	1 SW	60.8	80.0	0.0	0.1	0.6	0.6	

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 harvest is underway in the Northern Plains. Initial samples came from southwestern North Dakota and northeastern Montana. The effects of drought are expressed by high protein content of 15.6% (12% mb), a low thousand kernel weight (TKW) of 34.2 g and test weight of 59.5 lb/bu (77.5 kg/hl).

	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	11	113	11.6	15.2	17.3	1.2	34.2	399		59.5	77.5					
Last Week																
2016 Final	113	113	11.5	13.7	15.6	0.8	39.8	411	1 HAD	60.5	78.8	0.0	0.4	0.9	1.3	85

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.

