


## U.S. Wheat Associates

### Harvest Report

August 24, 2018

#### Hard Red Winter

U.S. farmers are almost done with a notable hard red winter (HRW) harvest. The run of excellent test weights and protein levels has held up through the entire harvest with less than 10% of the HRW in Montana and the Pacific Northwest remaining. Non-grade data changed very little with analysis from 19 new samples reported this week. Moisture dropped 0.2% from 11.3% to 11.1%, protein (12% moisture basis) remained at 12.5% overall while test weight increased to 60.8 lb/bu (79.9 kg/hl) up from 60.7 lb/bu (79.8 kg/hl) and the crop is sound. Grade factors improved a bit and the crop remained No. 1 U.S. HRW. Averages for mill, dough and bake results remain very good and USW will share that data after weighted averages are determined.

	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	428	500	11.1	12.5	14.4	0.5		372	1HRW	60.8	79.9	0.1	0.1	1.1	1.3	
Last Week	409	500	11.3	12.5	14.4	0.5		375	1HRW	60.7	79.8	0.2	0.1	1.2	1.5	
2017 Final	488	488	10.6	11.4	13.0	0.6	31.8	367	1 HRW	60.8	80.0	0.1	0.1	0.9	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.

#### Soft Red Winter

The final 2018 Soft Red Winter Crop Report is complete and available online at

<http://bit.ly/2MIkyEp>.

	WHEAT DATA								GRADE FACTORS							<input checked="" 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					
2018 Final	265	300	12.5	10.1	11.5	0.3	29.9	318	3 SRW	57.5	75.7	0.1	0.8	0.5	1.3	
2017 Final	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	

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

The hard red spring (HRS) crop is now at least 60 percent harvested and moving ahead at a steady pace. This week's data includes results from another 108 samples or about 41% of the 442 samples expected this year. Average protein content is 14.8%, down slightly from last week but higher than last year's final average of 14.6%. Test weight average is up from last week to 62.0 lb/bu (81.5 kg/hl). Falling number average remains above 400 seconds. Average vitreous kernel content at this time is 87% dark hard vitreous (DHV) to make the average grade of the crop No. 1 Dark Northern Spring (1 DNS).

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

	Samples		Moisture %	Protein %	Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	DHW %
	Tested	Expected								lb/bu	kg/hl					
This Week	180	442	12.0	14.8	16.8	0.5	33.0	404	1 DNS	62.0	81.5	0.0	0.1	0.6	0.7	87
Last Week	72	442	12.1	14.9	16.9	0.4	32.9	419	NA	61.7	81.1	NA	NA	NA	NA	NA
2017 Final	476	476	11.9	14.6	16.6	0.6	31.0	397	1 DNS	61.2	80.5	0.0	0.1	0.9	1.0	76

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

The 2018 soft white (SW) winter wheat harvest is all but complete in Oregon, about 90% complete in Idaho and at least 85% complete in Washington. The crop quality survey this week added data from 98 samples, 60% of which are from Washington state. This week's composite weighted averages do not yet include samples from Southeast Idaho but indicate good test weight at 61.7 lb/bu (81.1 kg/hl), up from 61.3 lb/bu last week. Moisture content at 8.5% is slightly higher than 8.4% last week. Average protein at 9.1% (12% moisture basis) is slightly lower than 9.2% last week and falling number value at 305 seconds, is a slight tick up from 301 seconds in last week's weighted average.

	WHEAT DATA									GRADE FACTORS							<input type="checkbox"/> Final
	Samples		Moisture %	Protein %	Dry Basis		Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	
	Tested	Expected			Protein %	Dockage %					lb/bu	kg/hl					
This Week	268	390	8.5	9.1	10.4	0.4	35.0	305	1 SW	61.7	81.1	0.1	0.0	0.5	0.6		
Last Week	170	390	8.4	9.2	10.5	0.3	34.5	301	1 SW	61.3	80.6	0.0	0.1	0.5	0.6		
2017 Final	512	400	8.9	9.6	10.9	0.5	35.5	335	1 SW	60.9	80.0	0.1	0.0	0.5	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

USDA called the durum harvest in North Dakota one-third complete as of Aug. 19 with nearly 90 percent of the crop called mature. Assuming dry conditions, harvest progress and sample collection should pick up over the next two weeks.

	WHEAT DATA									GRADE FACTORS							<input type="checkbox"/> Final	
	Samples		Moisture %	Protein %	Dry Basis		Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %		HVAC %
	Tested	Expected			Protein %	Dockage %					lb/bu	kg/hl						
This Week																		
Last Week																		
2017 Final	121	113	11.1	14.5	16.5	1.0	36.9	384	1 HAD	60.4	78.7	0.0	0.1	1.1	1.2	83		

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.