

U.S. Wheat Associates


Harvest Report

September 1, 2017

Hard Red Winter

The 2017 HRW wheat harvest is now complete. All of the 488 samples representing the 2017 HRW crop are now in the lab, and testing of thousand kernel weight (TKW) and falling number (FN) continues on a few remaining samples. The TKW average increased slightly to 31.5 grams this week and continues to be significantly higher than the five-year of 29.4 grams. The FN average is 368 seconds this week, a slight decrease from 374 seconds last week, and is consistent with sound wheat. Overall, 69% of the samples graded US No. 1 HRW and 93% graded US No. 2 HRW or better. The protein distribution (12% mb) of the samples is 56% less than 11.5%, 27% between 11.5% and 12.5%, and 17% above 12.5%.

All data presented are simple averages of all samples tested and are not weighted for production. A final summary of data will be issued mid to late September by Gulf and Pacific Northwest Tributaries States and will contain weighted data and an overall analysis of the crop including milling performance, dough functionality and baking test results.


	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	488	488	10.6	11.4	13.0	0.6	31.5	368	1 HRW	60.8	80.0	0.1	0.1	0.9	1.1
Last Week	481	500	10.6	11.4	13.0	0.6	31.4	374	1 HRW	60.8	80.0	0.1	0.1	0.9	1.1
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 (HRS) wheat harvest made steady progress across the growing region this week with limited precipitation and warmer temperatures than the week prior. Approximately 49% of the samples have been collected and analyzed for quality at this time. Average protein content (12% mb) dropped slightly to 15.0% this week from 15.1% last week. Final average protein for last year was 14.2%. Test weight average is 60.8 lb/bu (80.0 kg/hl), down from last year's average of 61.3 lb/bu (80.6 kg/hl). Falling number (FN) average is 400 seconds indicating sound wheat. Average vitreous kernel content (DHV) is 82%, down from last week average of 86%. The average grade of these samples is US No. 1 DNS.


	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	222	449	12.3	15.0	17.0	0.7	29.5	400	1 DNS	60.8	80.0	0.0	0.1	0.9	1.0	82	
Last Week	138	442	12.4	15.1	17.2	0.6	29.8	405	1 DNS	60.7	79.8	0.0	0.0	1.0	1.0	86	
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 34 SW samples came from east central and southeast Washington and southeast Idaho. Weighted averages changed slightly from last week: test weight is 61.0 lb/bu (80.2 kg/hl), moisture content is 8.9%, protein content is 9.6%, and falling number value is 335 seconds. The Pacific Northwest wheat harvest is essentially done, but more samples are expected from Washington. Weather continues to be hot and dry.


	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	471	400	8.9	9.6	10.9	0.5	35.8	335	1 SW	61.0	80.2	0.1	0.0	0.5	0.6		
Last Week	437	400	8.8	9.5	10.8	0.5	35.9	335	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 over 81% complete in Montana and 38% complete in North Dakota. A few samples throughout the durum growing region had falling numbers (FN) values below 330 seconds which brought the average FN down to 381 seconds compared to last week's average of 392 seconds. Reduced FN reflects the damp conditions that occurred region wide at the end of last week and last weekend. Average protein content, dockage, test weight, foreign material, and shrunken and broken kernels remained the same as last week, while the hard vitreous amber color (HVAC) dropped 4 percentage units to 92%. Overall, the average grade for these samples remains US No. 2 HAD.

	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 %	HVAC %	
	Tested	Expected			Protein %	Dockage %				lb/bu	kg/hl						
This Week	60	113	11.3	14.8	16.8	1.2	35.7	381	2 HAD	59.8	77.9	0.0	0.1	1.1	1.2	92	
Last Week	33	113	11.6	14.8	16.8	1.2	35.4	392	2 HAD	59.8	77.9	0.0	0.0	1.1	1.3	96	
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.

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