


U.S. Wheat Associates

Harvest Report

September 7, 2018

Hard Red Winter

With harvest complete, this will be the final 2018 hard red winter (HRW) weekly harvest report. There will be a final summary issued in early to mid-October with final lab results by tributary and weighted for production (including TKW as the instrument is back in the lab and operational). This week's analysis includes 95% of expected samples, with non-grade data remaining consistent. Moisture dropped 0.2% from 11.0% to 10.8% while test weight increased to 61.1 lb/bu (80.4 kg/hl) up from 61.0 lb/bu (80.2 kg/hl) and the crop is sound. Protein (12% moisture basis) decreased by 0.1% to 12.3%, while the average falling number remained at 371. The average grade of the crop continues to be a No. 1 Hard Red Winter. No new samples were milled this week, so mill, dough and bake results remain unchanged 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	479	500	10.8	12.3	14.4	0.5		371	1HRW	61.1	80.4	0.1	0.1	1.1	1.2	
Last Week	451	500	11.0	12.4	14.4	0.5		371	1HRW	61.0	80.1	0.1	0.1	1.1	1.3	
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/2MlkyEp>.

	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) wheat harvest closes in on completion with mostly dry weather forecasted during the last week. Industry sources report that the crop looks very good with strong yields and high protein. This week's data includes results from 81% of samples expected this year. Average protein content is unchanged from last week at 14.7%. Test weight average is 61.7 lb/bu (81.1 kg/hl) compared to last year's final average of 61.6 lb/bu (81.0 kg/hl). Falling number average is over 400 seconds, indicating sound wheat. Average vitreous kernel content (DHV) is 90% to make the average grade of the crop at this time No. 1 Dark Northern Spring (1 DNS).

WHEAT DATA								GRADE FACTORS							<input type="checkbox"/> Final
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	WHEAT DATA								GRADE FACTORS							
	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	360	446	11.9	14.7	16.7	0.6	32.2	415	1 DNS	61.7	81.1	0.0	0.1	0.7	0.8	90
Last Week	270	445	12.0	14.7	16.7	0.6	32.4	411	1 DNS	61.7	81.1	0.0	0.1	0.7	0.8	89
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) harvest has wrapped up in Washington and Oregon, and is 98% complete in Idaho. This week's analysis includes an additional 52 samples from east central, northeast and southeast Washington; north Idaho; and north central and northeast Oregon. Weighted averages stayed similar to last week with test weight at 61.7 lb/bu (81.2 kg/hl), moisture content at 8.5% and protein content at 9.3%. Falling number value increased slightly from 312 seconds to 315 seconds. The remaining samples are expected be added for the next and final 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	419	390	8.5	9.3	10.4	0.5	35.7	315	1 SW	61.7	81.2	0.1	0.0	0.5	0.6	
Last Week	367	390	8.5	9.3	10.4	0.5	35.7	312	1 SW	61.7	81.1	0.1	0.0	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

The 2018 durum harvest is moving forward after rain delays last week. Sample collection is nearly complete for north central and southwestern North Dakota. With 64 out of 119 samples collected, the average grain quality for this week was similar to that reported last week. Moisture content at 11.2%, slightly up from 10.9% last week and protein is 14.6%. Thousand kernel weight average is slightly higher at 40.5 and falling number is averaging over 400 seconds. Grading data should be available next 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 %	HVAC %
	Tested	Expected								lb/bu	kg/hl					
This Week	64	119	11.2	14.6	16.6	1.2	40.5	424		61.6	80.2					
Last Week	31	119	10.9	14.7	16.7	1.0	40.2	427		61.7	80.3					
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.

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