


U.S. Wheat Associates

Harvest Report

July 20, 2018

Hard Red Winter

Harvest is now complete or underway in every HRW producing region, including northern Montana's "Hi-Line" and northern Idaho. Wet conditions in the Central Plains slowed progress this week. Although hail storms are an annual threat, industry contacts believe this has been a more challenging year with substantial losses, yet to be quantified, from northeast Colorado and the Nebraska Panhandle into South Dakota. Sixty nine new samples from Kansas and Colorado did not change composite grade and non-grade data this week of what has been a very good quality crop to date. Composite test weight at 60.3 lb/bu (79.3 kg/hl) is slightly less than in 2017; composite protein at 12.8% (12% moisture basis) to date is significantly higher than the 2017 crop. Thousand Kernel Weight data is missing because of instrument problems at the laboratory that are being addressed.


	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	293	500	11.2	12.8	14.5	0.5		385	1HRW	60.3	79.3	0.1	0.2	1.3	1.6
Last Week	224	500	11.4	12.8	14.5	0.5		385	1HRW	60.3	79.3	0.2	0.1	1.3	1.6
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

Harvest is complete and all samples have been analyzed and included in this report. The final 58 samples did little to change the composite average of non-grade factors. The 1000 kernel weight is down 4.3 grams from last year and 2.7 grams compared to the 5 year average. Falling number value of 318 sec. is equal to last year and the 5-year average. Protein of 10.1% (12% mb) is 0.6% higher than last year's final average and approximately 0.4% higher than the 5 year average. Test weight of 57.4 lb/bu (75.6 kg/hl) is significantly lower than 2017 and 0.8 lb/bu less than the 5-year average, so the 2018 crop grade remains US No. 3. The remaining grade factors are quite similar to last year's final averages. Although the overall average DON value from USW's survey samples is below 1.0 parts per million, the average value in commercially available supplies for export may be higher.


	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	265	300	12.5	10.1	11.5	0.3	29.9	318	3 SRW	57.4	75.6	0.1	0.8	0.5	1.4
Last Week	207	300	12.4	10.1	11.5	0.3	29.8	320	3 SRW	57.2	75.3	0	1.1	0.5	1.6
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 U.S. spring wheat crop continues to develop generally ahead of seasonal averages with conditions and yield potential still very good. One farmer in central North Dakota said the crop looks good across the whole state, but "we never know for sure how it will turn out until the combines roll." With good potential, farmers have been vigilant in protecting their crop from disease. More than 90% of the nation's HRS crop is headed and in Montana heading is very far ahead of last year at this time. Farmers in the Dakotas are seeing their crop start to turn color. Industry contacts say some additional rain would be welcome in western North Dakota and in Montana to help the crop reach its full yield potential.


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

Harvest is underway in the Pacific Northwest in what are described as "ideal" conditions. Although no grade or non-grade data is yet available, industry contacts say the excellent growing conditions suggest yield potential in dry land fields may be two times the average of about 40 bu/acre and initial protein levels range from 9.5% (12% mb) to 10%. Sadly this week a major wild fire caused by carelessness destroyed that potential in some north central Oregon fields.

	WHEAT DATA								GRADE FACTORS							<input type="checkbox"/> Final	
	Samples		Moisture	Protein	Dry Basis Protein		Dockage	TKW	FN	Grade	Test Weight		FM	Damage	S&B	Defects	%
	Tested	Expected	%	%	%	%	gm	sec	lb/bu		kg/hl	%					
This Week																	
Last Week																	
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 very good durum crop conditions in North Dakota and Montana held mostly steady this week. Like HRS, the durum crop is maturing well ahead of average in both states with North Dakota at 91% headed, compared the 5-year average of 64%, and Montana at 74% headed compared to the 5-year average of 59% for this date. In both states roughly 20 percent of the crop has begun to turn color. Considering the stage of the crop and a stretch of hot temperatures, additional precipitation would be beneficial in areas that missed recent rains to keep crop stress low.

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