

U.S. Wheat Associates

Harvest Report


July 28, 2017

Hard Red Winter

The HRW wheat harvest rolled on this week with favorable weather conditions in the north-central region. Harvest in both Colorado and Nebraska is 99% complete. South Dakota harvest is 90% complete and winding down. Montana HRW is now over 50% complete with cutting in the eastern third of the state's production region winding down and harvest in central and western regions well under way. As in North Dakota and South Dakota, HRW yields and harvested area in eastern Montana are down significantly due to drought and hot temperatures. Early protein reports have been very good in Montana. HRW harvest in the Pacific Northwest (Washington, Oregon and Idaho) is also well underway, with highly variable yields being reported.

This report now includes 396 samples of an expected 530 representing Texas, Oklahoma, Kansas, Wyoming, Colorado, Nebraska and South Dakota. Average test weight increased slightly this week to 60.3 lb/bu (79.3 kg/hl) this week from 60.1 lb/bu (79.1 kg/hl) last week. Protein increased slightly this week to 11.3% and reflects the higher protein in the South Dakota crop. Thousand Kernel Weight (TKW) increased slightly this week to 30.6 g, up from 30.5 g last week. Early milling, dough and baking testing indicates this crop mills well and that the lower protein quantity has not affected the protein quality. More extensive rheological and baking tests to be done over the next few weeks will help to define the functional quality of this crop.

Note: All data presented in the weekly report are simple averages of samples tested and are not weighted for production.

	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	396	530	11.3	11.3	12.8	0.7	30.6	371	1 HRW	60.3	79.3	0.1	0.2	1.1	1.4	
Last Week	354	530	11.3	11.2	12.7	0.6	30.5	372	1 HRW	60.1	79.1	0.1	0.2	1.0	1.3	
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

This will be the final report for the 2017 SRW Harvest. All comparisons to follow are based on the single wheat samples collected from the elevators this year versus the average of the early and late samples collected last year. The additional grade data from the past week did not alter the grade averages, and the final average grade is US No. 2. Don results are lower this year with little or no fluctuation between states and should present no issues.

The 2017 flour ash average of 0.44% from the Gulf port state samples is unchanged, with a slight decrease in milling yield on the Buhler Laboratory Mill, which may not be the same in commercial milling in which significantly more adjustments can be made than the lab mill. The average farinograph absorption of 53.2% is 0.6% higher this year, and bake volume of 720 cc is equivalent to the 2016 average. The average internal score of 5 (maximum 10) is equal to last year. Cookie W/T (width/thickness) ratio of 8.98 compares to 9.57 last year. Alveograph (P/L) ratio has increased to 0.46 from the 2016 average of 0.38, while the Alveograph (W) value has increased to 94 from 84. Farinograph absorption ranges from 51.1% to 55.0%, similar to last year, and the bake volume range of 665 to 780 cc is somewhat more consistent than the 2016 range of 581 to 770 cc.


Week	37	400	8.8	10.1	11.4	0.4	35.7	317	1 SW	61.1	80.3	0.2	0.0	0.5	0.7
Last Week															
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

No Data Available

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