

## U.S. Wheat Associates

### Harvest Report


July 21, 2017

#### Hard Red Winter

The 2017 HRW wheat harvest continued to progress rapidly this week. The Nebraska harvest is 89% complete and starting to wind down. Colorado is 85% complete, and South Dakota is 65% complete. Much of South Dakota's crop, especially in the western part of the state, has been baled for animal feed due to extreme drought.

In contrast, the Pacific Northwest states are just now beginning harvest with expectations of higher yields from Washington, Oregon and Idaho than from Midwest states. The share of the crop in those three states that is rated good or excellent is above 70%.

There are now 354 samples of an expected 530 in the lab representing Texas, Oklahoma, Kansas, Wyoming, Colorado and Nebraska. The average test weight increased slightly this week to 60.1 lb/bu (79.1 kg/hl) from 60.0 lb/bu (78.9 kg/hl) last week, which keeps the overall average grade U.S. No. 1 HRW. Protein decreased slightly this week to 11.2% and is equivalent to the final overall average last year. Thousand kernel weight (TKW) increased this week to 30.5 g from 30.1 g last week. The average falling number (FN) is 372, comparable to 367 last week and to last year's overall value of 392. Early milling and dough data will be available in next week's report.

	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	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
Last Week	254	530	11.5	11.3	12.8	0.6	30.1	367	1 HRW	60.0	78.9	0.1	0.2	0.9	1.2
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

Testing has now been completed on all of the individual SRW wheat samples with to no change in the cumulative analytical results from last week. However, there are still a couple of areas to be graded. Compared to the final 2016 data (not adjusted for production numbers), moisture, protein and falling number (FN) values are unchanged. The average grade continues to be US No. 2 and average test weight is 58.8 lb/bu (77.4 kg/hl). The remaining grade factors are similar to last year's results.

At this point, with eastern Illinois and northern Indiana samples left to complete, the cumulative flour results for the Gulf Port samples are indicating a slight decrease in flour milling yield using the laboratory experimental mill, with a slight increase of 0.02% to 0.45% in flour ash. Farinograph absorption has increased by just 0.5% to 53.1%. Bake volume is equal to last year at 724 cc with no change in the grain and texture scores. Cookie W/T ratio (width/thickness) has decreased this year by 0.6 to 8.98. Alveograph (W) value has increased from 84 to 92.

With all results completed for the East Coast states samples, the cumulative ash from the laboratory mill is unchanged at 0.441%, while the farinograph absorption has increased by 0.6% to 54.1%. Bake volume is equal to last year at 720 cc with no significant change in the grain and texture scores (average of 6). The cookie W/T ratio (width/thickness) has declined by 1.6 to 7.5. Alveograph (W) value decreased to 86 from the 2016 value of 98.



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.