

## U.S. Wheat Associates


### Harvest Report

June 30, 2017

#### Hard Red Winter

The 2017 HRW wheat harvest slowed significantly last week in half of the northern and western areas of Kansas due to a combination of scattered showers, severe thunderstorms and high humidity. Harvest in both Texas and Oklahoma is over 95% complete. Harvest in Colorado and Nebraska is just starting with 5% and 4% cut, respectively. Reports from receiving points in western Kansas and southeast Colorado indicate a wide variability in protein levels for both areas.

There are now 173 samples in the lab representing all of Texas and Oklahoma and a very limited area of southern Kansas. Average protein increased slightly this week to 11.2% from 11.1% last week, which is attributed to higher proteins in northwest Texas, north central Oklahoma and parts of western Kansas. Average test weight decreased by 0.2 lb/bu this week to 60.7 lb/bu (79.1 kg/hl) from 60.9 lb/bu (80.1 kg/hl) last week; the slight reduction in test weight can be attributed to the recent rain events. The average 1000 kernel weight (TKW) on a limited number of samples tested increased this week to 29.6 g from 29.4 g last week, which exceeds five-year average of 29.1. The average falling number (FN) increased slightly to 362 this week from 356 last week and indicates sound wheat.

	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	173	530	11.6	11.2	12.7	0.7	29.6	362	1 HRW	60.7	79.8	0.1	0.2	1.0	1.3
Last Week	133	530	11.7	11.1	12.6	0.7	29.4	356	1 HRW	60.9	80.1	0.2	0.1	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

Harvest progressed nicely across the SRW region this week, aside from weather delays in Ohio, Virginia and Maryland.

Arkansas, Alabama, Tennessee, Kentucky and North Carolina have all about completed harvest while northern Indiana is less than 3% completed. Yields have been as high as 80 bu/acre (5.4 tons/ha) in some areas. An additional 46 samples have been analyzed this week with just a slight increase in 1000 kernel weight (TKW), the only change in the cumulative data. Compared to the final data from 2016, the cumulative protein is equal to last year (actual is just 0.2% higher @12% MB), and the 1000 kernel weight (TKW) and falling number (FN) value are also unchanged.

Five areas have been completed, and the grade data included this week is also very similar to 2016 final cumulative results. Flour analyses have been completed for Arkansas with the entire state treated as one area this year as previously mentioned. The data is very typical of the class and is very similar to overall results from last year with a flour protein of 7.7% (14%MB), 290 falling number (FN) value, and farinograph absorption of 52.8%. The cookie spread ratio (width/thickness) is 7.2.

	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	181	500	12.2	9.7	11.0	0.4	33.0	314	3 SRW	57.7	75.9	0.1	1.7	0.5	2.3


Last Week	135	500	12.2	9.7	11.0		32.6	313							
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

No Data Available


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

No Data Available


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

