

## U.S. Wheat Associates

### Harvest Report

June 23, 2017


#### Hard Red Winter

The 2017 HRW wheat harvest continued to progress into the north central and northeastern areas of Kansas. While harvest has not yet crossed into Nebraska, some test cutting is expected in Nebraska in the next few days. Severe storms and hail have hampered cutting and damaged some fields in southwest Kansas. Harvest in Kansas is now 44% complete. Yields are variable in Kansas; they generally average between 30 bu/ac – 40 bu/ac (2.0 tons/ha– 2.7 tons/ha), but range from 20 bu/ac (1.3 tons/ha) to over 80 bu/ac (5.4 tons/ha). However, test weight continues to be consistently above 60 lb/bu (78.9 kg/hl).

Harvest in Texas is now 83% complete and starting to wind down. As harvest progressed into northwestern Texas, reported proteins are higher than the overall average. While variable, average protein for this region is 11.7%.

Harvest in Oklahoma HRW is now 91% complete. The remaining wheat left to be cut in Oklahoma is in the far northwestern part of the state.

There are now 133 samples of an expected 530 in the lab representing all of Oklahoma and Texas and a very limited area of extreme south-central Kansas. Average protein increased significantly this week to 11.1% from 10.8% last week, which is attributed to higher proteins in northwest Texas and north central Oklahoma. Average test weight increased by 0.3 lbs this week to 60.9 lb/bu from 60.6 lb/bu last week (80.1 kg/hl from 79.7 kg/hl). Test weights increased as harvest crossed the Oklahoma/Kansas border. The average 1000 kernel weight (TKW) on a limited number of samples dropped this week to 29.4 g from 29.8 g last week, but still exceeds the five-year average of 29.1g. The FN is 356, comparable to last week and indicative of 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	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
Last Week	93	530	12.5	10.8	12.2	0.8	29.8	362	1 HRW	60.6	79.7	0.3	0.1	1.0	1.4
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

The soft red winter harvest progressed quite rapidly this last week, and an additional 83 samples were analyzed. Harvest completion is ranging from 3% in Ohio to almost 90% in Arkansas. The average protein has decreased just 0.2% (12% mb), but other wheat data is unchanged with these additional samples. The average test weight of all the samples has now increased to 58.8 lb/bu (77.4 kg/hl) from last week's average of 58.4 (76.9 kg/hl). There have been some very isolated falling number (FN) values less than 250, but most results have exceeded 300. Final wheat data from Arkansas indicates a slight increase in protein of 0.4% to 9.84% (12% mb) and a decrease in average test weight to 56.4 lb/bu (74.3 kg/hl) from 56.9 lb/bu (74.9 kg/hl) in 2016. Average falling number (FN) value is unchanged at 318 seconds. In Kentucky, average test weight is unchanged from 2016 at 58.0 lb/bu (76.4 kg/hl), protein is equal to last year at 9.48% and the falling number (FN) value is also the same as last year at 322 seconds.

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 %
	Tested	Expected								lb/bu	kg/hl				
This Week	135	500	12.2	9.7	11.0		32.6	313							
Last Week	52	500	12.6	9.9	11.3		32.4	315							
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 Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	DHV %
	Tested	Expected								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 Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	
	Tested	Expected								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 Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	HVAC %
	Tested	Expected								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.

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