


## U.S. Wheat Associates

### Harvest Report

June 21, 2019

#### Hard Red Winter

Farmers made good progress in southwest and west central Texas but more rain the past week stopped harvest again in east Texas and much of Oklahoma and Kansas. Harvest is 42% complete in Texas and 25% in Oklahoma with protein in both states averaging 11% (12% moisture) and test weights still close to 60%. Although there is no official data to add this week pending full testing, initial data from new samples in Texas and Oklahoma show average thousand kernel weight of 33.0 grams and average kernel diameter of 2.70 mm. Lack of heat stress is pressuring kernel hardness for now. Kansas State University Extension issued a release on possible fusarium head blight, or scab, pressure in central Kansas wheat fields based on the rainy pattern that may persist into this weekend. Crop conditions in South Dakota improved this week. Crop progress in Montana remains behind average with 20% of the wheat headed to date. Other updates on harvest are posted online at <https://www.facebook.com/okwheat/>, <http://kswheat.com/harvest>, <https://twitter.com/wheatsd>.


	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	40	500	12.3	10.9		0.4			2HRW	59.7	78.6	0.1	0.4	0.8	1.4
Last Week	40	500	12.3	10.9		0.4			2HRW	59.7	78.6	0.1	0.4	0.8	1.4
2018 Final	479	500	10.8	12.3	14.4	0.5		371	1HRW	61.1	80.4	0.1	0.1	1.1	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

New data is available this week. Harvest is progressing well past 50% complete in drier Southern and Southeast states but north of the Ohio River in Illinois, Indiana and Ohio, persistent rain kept farmers out of the fields. There have been few concerns about quality or DON expressed by industry nor in 50 samples analyzed this week from the southern growing region. Protein is 9.7% (12% moisture), falling number is 311 and test weight is 58.6 lb/bu (77.1 kg/hl).

	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	50	300	12.5	9.7	11.2	0.4	30.6	311	2SRW	58.6	77.1	0.3	0.7	10.7	1.7
Last Week	5	300	11.3	9	10.2		34.5	331							
2018 Final	265	300	12.5	10.1	11.5	0.3	29.9	318	3 SRW	57.5	75.7	0.1	0.8	0.5	1.3


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

Crop development is slightly behind average with 95% emerged compared to 97% on average. Of all spring wheat, 2% has headed, compared to 12 percent on average. In Minnesota, Montana and North Dakota, only 1% or less has headed and in South Dakota about 5% has headed. Moisture conditions in the southern part of the growing area remain adequate to surplus, but the northern portion of North Dakota is classified as being abnormally dry or in a moderate drought. About 77% of the U.S. spring

wheat crop is rated good to excellent, which is down from last week due to a decline in Montana crop ratings. In North Dakota, 83% is rated in good to excellent condition. Visit <https://ndwheat.com/buyers/CropProgressReport/> for more information.


	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																	
2018 Final	464	464	11.8	14.6	16.6	0.6	32.0	414	1 DNS	61.7	81.1	0.0	0.1	0.7	0.8	90	

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

Hot, dry conditions persisted in the Pacific Northwest with abnormal to moderate drought appearing in northeast Washington and northern Idaho. In Oregon, the western Willamette Valley is in moderate drought. Yet 70% of the Idaho crop is rated in good to excellent conditions with 76% headed. Condition ratings in Washington state of 65% good to excellent are lower than ratings at this time in the previous three years; about 90% of the crop is headed, now near average. The heat may be stressing the Oregon crop that is rated 60% good to excellent and almost 100% headed. At less than 60% good to excellent, the spring SW crop in Oregon may be more stressed. Some stress in the Washington spring crop is evident, with slightly improved condition ratings in Idaho's spring crop.


	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																
2018 Final	473	390	8.6	9.3	10.4	0.5	35.7	315	1 SW	61.7	81.2	0.0	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

About 90 percent of the durum crop in North Dakota has emerged, slightly behind the five-year average. Percent of the crop in the jointed stage is about 35 percent. Producers in the northwest area of the state are reporting dry conditions and the need for precipitation. At this time, crop condition ratings remain relatively high with 85 percent of the North Dakota durum rated in good to excellent condition. Visit <https://ndwheat.com/buyers/CropProgressReport/> for more information.

	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																	
2018 Final	129	119	11.3	14.2	16.1	1.2	40.7	418	1 HAD	61.5	80.1	0.0	0.0	1.0	1.0	88.3	

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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