

## U.S. Wheat Associates

### Harvest Report

July 12, 2019

#### Hard Red Winter

The 2019 HRW wheat harvest is progressing nicely due to favorable dry conditions and warmer weather prevailing from the Pacific Northwest southward and eastward through the central US over the past week. Harvest is 97% complete in Texas, 99% in Oklahoma and more than 70% in Kansas. Cutting in Colorado is approaching 20% complete and just beginning in Nebraska and Oregon.

There are now 180 samples of an expected 500 in the lab representing Texas, Oklahoma and Kansas. The additional samples this week increased the average test weight to 60.1 lb/bu (79.1 kg/hl) up from last week's 59.9 lb/bu (78.8 kg/hl), and the average grade is U.S. No. 1 HRW. Average protein is unchanged at 11.3%. Average dockage is up slightly this week to 0.5% and total defects increased slightly to 1.6%. The 1000 kernel weight (TKW) decreased slightly to 32.0 g from 33.0 g last week. The average falling number (FN) is 389 seconds compared to the 2018 average of 367.

The percentage of wheat headed in Montana and South Dakota is 91% and 97%, respectively, which is behind the average crop progress of past years. 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	180	500	11.9	11.3		0.5	32.0	388	1HRW	60.1	79.1	0.2	0.6	0.8	1.6
Last Week	140	500	11.9	11.3		0.4	33.0		2HRW	59.9	78.8	0.2	0.5	0.8	1.5
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

Favorable weather conditions across the SRW region had harvest progressing rapidly this week through Missouri, Illinois, Indiana and southern Ohio. Missouri and Illinois have harvested over 70% of the crop to date, Indiana 50%, Ohio 30%. Elevators in Indiana and Ohio report elevated DON levels in many locations. Of the samples analyzed to date, several have DON values greater than 1 ppm but most have been less than that with an overall average of 0.72 ppm.

An additional 79 samples in the lab this week brings the total to 186 out of an expected 300. The cumulative protein to date of 9.3% (12% mb) is less than last year's final average of 10.1%. Falling number (FN) value decreased by 12 seconds to 277 compared to 318 seconds last year, while 1000 kernel weight (TKW) increased by 0.8 g to 32.4, comparing favorably to the final 2018 average of 29.9 g. Average test weight on individual samples remains at 57.7 lb/bu, up 0.5 lb/bu from last week, while the average test weight of area composite samples increased by 0.3 to 57.2 lb/bu (75.3 kg/hl). The samples graded to date range from US No. 2 to US No. 4 with an average grade of US No. 3 because of the average test weight.

The average absorption from early farinograph data is 52%, similar to last year. The average flour ash after laboratory milling is 0.453%, down from the 2018 average of 0.468%.

Note: SRW averages in the weekly harvest report are simple averages of all samples tested and have not been weighted by the estimated production for each of the 18 reporting areas.

	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	186	300	12.9	9.3	10.6	0.4	32.4	277	3SRW	57.7	75.9	0.1	0.9	1.1	1.8
Last Week	107	300	12.7	9.5	10.8	0.3	31.9	289	3SRW	57.2	75.3	0.2	1.4	1.0	2.6
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

Beneficial rains and temperatures have slightly increased U.S. HRS crop condition ratings this week. Currently, 78% of the U.S. crop is rated in good to excellent condition, up from last week's 75%. Crop development continues to remain behind last year and the 5-year average pace. More than half (56%) of the U.S. HRS crop is now headed out, compared to the 5-year average of 73%. Growers are being vigilant about protecting their crops from increased disease pressure due to recent rains and high humidity.

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.

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### Soft White

Harvest has begun in the drier areas of Washington, but still 1-2 weeks behind average for most of the state. In Idaho, test cuttings are expected to begin next week. The latest NASS report rates 72% of the winter SW crop good to excellent in Washington and 61% in both Oregon and Idaho. Spring SW conditions have improved with 56% of the crop rated good to excellent in Oregon, 75% in Idaho and 57% in Washington. Spring SW heading is now at 73% in Idaho, 96% in Oregon, and 89% in Washington. Overall, the crop is expected to be about equal to the 5-year average.

	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.

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## Durum

Like HRS, the northern durum crop ratings have improved thanks to much needed precipitation: North Dakota is rated at 65% good to excellent and Montana 41%. The northern durum crop remains behind average with 47% of the crop headed in North Dakota and 25% in Montana compared to last year's 64% and 52%, respectively.

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