

U.S. Wheat Associates

Harvest Report


July 19, 2019

Hard Red Winter

The 2019 HRW wheat harvest is progressing rapidly through the central Great Plains as dry, hot weather continues. Harvest is 99% complete in Texas and Oklahoma, 91% in Kansas, 35% in Colorado and 28% in Nebraska. Test cutting has begun in South Dakota. In the Pacific Northwest, harvest is underway with Washington 7% complete, Oregon 11% and Idaho 4%.

There are now 238 samples of an expected 500 in the lab representing Texas, Oklahoma and Kansas. The additional samples this week increased the average test weight to 60.3 lb/bu (79.3 kg/hl) up from last week's 60.1 lb/bu (79.1 kg/hl), and the average grade is U.S. No. 1 HRW. While protein was generally lower, it was not significant enough to decrease the overall average from last week's 11.3%. Average dockage remains the same at 0.5% and total defects decreased slightly to 1.4%. The 1000 kernel weight (TKW) increased slightly to 32.5 g, exceeding the 5-year average of 29.2 g. The average falling number (FN) of 380 seconds is slightly lower than last week's 388.

Despite challenges for this year's crop, farmers are reporting above average yields. In addition, test weight and thousand kernel weight have benefited from the extended fill period allowed by a cool spring and early indications are that milling extractions are higher than expected.

	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	238	500	11.9	11.3	12.8	0.5	32.5	380	1HRW	60.3	79.3	0.2	0.4	0.8	1.4
Last Week	180	500	11.9	11.3	12.8	0.5	32.0	388	1HRW	60.1	79.1	0.2	0.6	0.8	1.6
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

Soft red winter (SRW) harvest and sampling progressed rapidly this past week. Harvest is 99% complete in Missouri, 96% in Illinois and Indiana, and 84% in Ohio.

An additional 61 samples in the lab this week brings the total to 247 out of an expected 300. All sampling has been completed, and the remaining samples will be analyzed next week. The additional samples have not changed the cumulative protein of 9.3% (12% mb). Falling number (FN) value remains the same at 277 compared to 318 seconds last year, while 1000 kernel weight (TKW) decreased slightly to 31.8 grams, comparing favorably to the final 2018 average of 29.9 g. Average test weight on individual samples and composite samples held steady at 57.9 lb/bu (74.5 lb/bu) and 57.8 lb/bu (74.4 lb/bu), respectively. The average grade remains the same at US No. 3.

Composite samples from Missouri and Alabama indicate DON values greater than 1 ppm.

The average absorption from early farinograph data is 52%, similar to last year. The average

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

Crop conditions have improved slightly from last week with North Dakota rated 77% good to excellent and Montana 50%. The northern durum crop remains behind average with 75% of the crop headed in North Dakota and 54% in Montana compared to last year's 88% and 71%, respectively. With recent rains and high humidity levels, growers are being vigilant about protecting their crops from increased disease pressure.

Visit North Dakota's [Crop Progress Report](#) for more information.

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