


U.S. Wheat Associates

Harvest Report

October 4, 2019

Hard Red Winter

The final 2019 HRW weekly harvest report was issued on September 13.


	WHEAT DATA								GRADE FACTORS <input checked="" 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				
2019 Final	494	500	11.3	11.3	12.8	0.5	33.1	377	1HRW	60.8	80.0	0.1	0.3	0.8	1.2
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

The final 2019 SRW weekly harvest report was issued on August 2.

	WHEAT DATA								GRADE FACTORS <input checked="" 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				
2019 Final	261	300	12.9	9.3	10.6	0.4	31.6	285	3SRW	57.9	76.2	0.2	0.8	0.8	1.7
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

Cool, wet conditions, including localized snow, continue to limit the 2019 HRS harvest. According to industry sources, wheat remaining in fields will likely not be harvested or make it into the commercial milling market. As of October 1, USDA estimates that 90% of the U.S. spring wheat crop has been harvested, behind last year and the 5-year average.

An additional 105 samples bring the final count for the 2019 HRS harvest to 473. Due to processing delays grade data reported this week is on partial samples with final data available in next week's report. Of note, industry sources report that they are seeing reports of values, such as falling number, lower than what the survey data is currently showing.

From samples analyzed to date, average protein and test weight are holding steady at 14.5% and 60.3 lb/bu (79.3 kg/hl), respectively, and are close to the 5-year average. Falling number, impacted by precipitation, is currently at 379 seconds, below the 5-year average of 414. Additionally, color has been impacted by the harvest conditions with average vitreous kernel content (DH&V) at 62%, down considerably from last year's final average of 90%. Samples are being analyzed for DON with testing showing a higher prevalence of DON across the crop compared to the last few years; final data on DON will be available in USW's Crop Quality Report at the end of October. The average grade of the crop at this time remains U.S. No. 1 Northern Spring (1 NS).

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

WHEAT DATA								GRADE FACTORS <input type="checkbox"/> Final						
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	WHEAT DATA								GRADE FACTORS							
	Samples		Moisture %	Protein %	Dry Basis		TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	DHV %
	Tested	Expected			Protein %	Dockage %				lb/bu	kg/hl					
This Week	473	445	12.9	14.5	16.5	0.8	33.7	379	1 NS	60.3	79.3	0.0	0.4	0.6	1.0	62
Last Week	368	445	13.0	14.5	16.5	0.8	34.1	383	1 NS	60.3	79.3	0.0	0.4	0.6	1.0	63
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

The final 2019 SW weekly harvest report was issued on September 13.

	WHEAT DATA								GRADE FACTORS							☒ Final
	Samples		Moisture %	Protein %	Dry Basis		TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	
	Tested	Expected			Protein %	Dockage %				lb/bu	kg/hl					
2019 Final	439	390	9.9	10.0	11.5	0.5	36.4	307	1 SW	61.6	81.0	0.0	0.0	0.5	0.5	
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

Cool, damp conditions continue to impede the 2019 northern durum harvest. According to NDWC's weekly Crop Progress Report, it's likely that some of the crop won't be harvested due to wet fields and continued precipitation. As of October 1, USDA estimates that 78% of the durum crop in North Dakota has been harvested while in Montana about 55% has been harvested. Analysis of only an additional 9 samples are included in this week's report.

From samples analyzed to date, falling number average is 362 seconds, below last year's final average of 418. Protein remains at 13.7%, below last year's final of 14.2%. The test weight average of 60.7 lb/bu (78.9 kg/hl) is slightly higher than last week, and HVAC is 62%, below last year's final of 88. The average grade of the crop at this time is U.S. No.1 Amber Durum (1 AD).

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

	WHEAT DATA								GRADE FACTORS							☐ Final
	Samples		Moisture %	Protein %	Dry Basis		TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	HVAC %
	Tested	Expected			Protein %	Dockage %				lb/bu	kg/hl					
This Week	72	118	12.0	13.7	15.6	1.6	44.2	362	1 AD	60.7	79.1	0.0	0.3	0.7	1.0	62
Last Week	63	118	12.0	13.7	15.6	1.5	44.0	374	1 AD	60.6	78.9	0.0	0.3	0.7	1.0	60
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.