

U.S. Wheat Associates

Harvest Report


September 6, 2019

Hard Red Winter

The 2019 HRW harvest is rapidly winding down; harvest is 95% complete in Montana, 99% in Washington and 96% in Idaho. The final count of samples for the 2019 HRW harvest stands at 494. This week's samples improved the overall unweighted average of test weight, thousand kernel weight and falling number. The crop remains U.S. No. 1 HRW with test weight averaging 60.8 lb/bu (80.0 kg/hl); average protein is holding steady at 11.3%.

This week's laboratory and baking analysis indicated farinograph absorption is 58.0%, below the 5-year average of 59.9%; peak time is 3.4 minutes, below the 5-year average of 5.0 minutes; and stability is 7.1 minutes, below the 5-year average of 8.3 minutes. While all are lower than industry targets, loaf volume is above the industry quality target at 880 cc, exceeding the 5-year average of 843 cc.

Note: All data presented are simple averages of samples tested and are not weighted for production.


	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	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
Last Week	459	500	11.4	11.3	12.8	0.5	32.9	375	1HRW	60.7	79.8	0.1	0.4	0.8	1.3
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

The 2019 HRS harvest progressed last week with improved weather conditions across parts of the growing region. As of September 3, USDA estimates that 55% of the U.S. spring wheat crop has been harvested, behind last year and the 5-year average. Industry reports that both lower falling numbers and Fusarium head blight (scab) damage are more prevalent this year but seem to be regionalized.

Approximately 41% of expected samples have been collected and analyzed for this weekly report. Average protein content is 14.6%, equal to the 2018 final average. Test weight average dropped slightly this week to 60.4 lb/bu (79.5 kg/hl) down from last year's average of 61.7 lb/bu (81.1 kg/hl). Falling number average from samples collected so far is 383 seconds.

The grading data represents 60% of the total samples analyzed. Average vitreous kernel content is 66% to make the average grade of the crop at this time 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
	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	180	441	13.1	14.6	16.6	0.9	33.4	383	1 NS	60.4	79.5	0.0	0.5	0.5	1.0	66
Last Week	72	441	13.1	14.7	16.7	1.0	33.7	375	NA	60.6	79.7	NA	NA	NA	NA	NA
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 2019 SW winter wheat harvest is wrapping up in Washington, Oregon and Idaho. Idaho and Washington's soft white spring wheat harvest are 69% and 61% complete as of September 1, respectively. This week's analysis includes an additional 63 samples from southeast Washington, north Idaho, and north-central and northeast Oregon. Weighted averages are similar to last week with test weight at 61.7 lb/bu (81.1 kg/hl), moisture content at 9.8% and protein content at 10.1%. Falling number value increased slightly from 301 seconds to 302 seconds. The average grade of the crop at this time is U.S. No. 1 Soft White.

	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	392	390	9.8	10.1	11.5	0.4	36.6	302	1 SW	61.7	81.1	0.0	0.0	0.4	0.5	
Last Week	329	390	9.7	10.1	11.5	0.4	36.3	301	1 SW	61.6	81.1	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

Weather conditions improved this past week, but harvest of the northern U.S. durum crop remains behind normal. In North Dakota, the crop is now 34% harvested, up from 24% the previous week. Crop condition ratings have remained stable with 64% of the North Dakota crop rated good to excellent. In Montana, harvest is now 26% complete, a slight increase over last week's 20% complete. The Montana crop is now rated 57% good to excellent condition, a decrease from 71% the previous week.

The first samples now at the lab and came from north-central and southwestern North Dakota. The relatively low falling number (344 sec) reflects the rainfall and cool temperatures that have slowed harvest. Thousand kernel weight is 41.7 g, similar to the 2018 average of 40.7 g. Average protein content is 14.2% (12% mb). Average test weight is 60.7 lb/bu (79.1 kg/hl).

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

WHEAT DATA								GRADE FACTORS							<input type="checkbox"/> Final
Dry Basis															



	Samples		Moisture %	Protein %	Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	HVAC %
	Tested	Expected								lb/bu	kg/hl					
This Week	14	118	12.5	14.2	16.1	1.5	41.7	344		60.7	79.1					
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.