

U.S. Wheat Associates

Harvest Report


August 19, 2016

Hard Red Winter

The 2016 HRW harvest is rapidly winding down in all production area that are left to be cut. Harvest is 95% complete in North Dakota and 99% complete in Montana. Protein for Montana varies widely from 10% to over 13%. HRW harvest in Washington, Oregon and Idaho is 87%, 97% and 85% complete, respectively, and continued to make significant progress this past week due to favorable weather. Harvest is well ahead of the five-year average for this date.

The first 30 HRW samples from the Pacific Northwest (Washington, Oregon and Idaho) indicate an average test weight (TW) of 61.3 lb/bu (80.6 kg/hl) and protein of 11.5%. The thousand kernel weight (TKW) average is 33.7 g and falling number (FN) is 373 seconds. Yields in all three states are reported as very good with the exception of limited areas in the north that were affected by frost. Excellent quality is being reported in eastern and southern Idaho where 70% of that state's crop is grown. There is no change in this week's overall averages as the additional samples from Washington, Oregon, Idaho and North Dakota are in transit to the lab.

Preliminary laboratory milling and flour testing for one-third of Gulf Tributary samples indicated an average laboratory mill flour yield of 76.7% compared with 73.1% in 2015, and a flour protein average of 10.5% (14mb) compared with the five-year average of 11.7% (14% mb). Those values have not yet been 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	412	530	11.3	11.2	12.7	0.6	31.4	394	1 HRW	60.6	79.7	0.2	0.2	0.9	1.3
Last Week	412	530	11.3	11.2	12.7	0.6	31.4	395	1 HRW	60.6	79.7	0.2	0.2	0.9	1.3
2015 Final	499	499	11.1	12.3	14.0	0.7	29.8	400	2 HRW	59.3	78.0	0.1	0.4	1.2	1.7

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 2016 SRW report was issued on August 12.


	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	484	500	12.4	9.5	10.9	0.5	32.2	329	3 SRW	57.9	76.2	0.2	1.0	0.5	1.8
Last Week	484	500	12.4	9.5	10.9	0.5	32.2	329	3 SRW	57.9	76.2	0.2	1.0	0.5	1.8
2015 Final	519	500	12.7	9.9	11.3	0.7	32.0	267	3 SRW	56.9	75.0	0.1	3.4	0.6	4.1

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

Harvest progress has been steady in the Hard Red Spring growing region over the last week. Approximately 27% of the expected samples has been collected and analyzed for this week's quality report. Test weight average is down slightly from last week to 61.9 lb/bu (81.4 kg/hl) but is still higher than last year's final average of 61.4 lb/bu (80.7 kg/hl). Average protein content is up slightly to 14.1% compared with 13.8% last week. Final protein content for last year was 14.2% for the region. The damaged kernels percentage is just 0.1% and the shrunken and broken average is less than 1.0%. Average vitreous kernel content (DHV) is 76%, making the average grade of these samples US No. 1 DNS.


	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	120	441	12.4	14.1	16.0	0.7	31.5	422	1 DNS	61.9	81.4	0.0	0.1	0.7	0.8	76
Last Week	29	441	12.8	13.8	15.7	0.4	33.6	420	1 DNS	62.2	81.8	0.0	0.2	0.5	0.7	78
2015 Final	430	430	12.1	14.2	16.1	0.8	32.0	412	1 DNS	61.4	80.7	0.0	0.2	0.8	1.0	77

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

This week's 76 soft white samples came from Oregon (22% north central, 13% west, and 8% from northeast), Washington (24% east central, 11% southeast, and 3% west), and Idaho (16% southeast and 4% south central). This week's weighted averages indicate good test weight at 60.4 lb/bu (79.4 kg/hl), the same as last week; low moisture content at 10.1%, slightly lower than 10.2% last week; low protein at 10.2%, slightly lower than 10.3% last week; and falling number value of 318 seconds, similar to last week.


	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	235	440	10.1	10.2	11.6	0.5	36.2	318	1 SW	60.4	79.4	0.0	0.0	0.5	0.6	
Last Week	159	440	10.2	10.3	11.7	0.5	36.2	319	1 SW	60.4	79.5	0.0	0.1	0.5	0.6	
2015 Final	448	440	8.9	10.9	12.4	0.6	30.8	354	2 SW	59.3	78.0	0.0	0.1	1.0	1.1	

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

Durum wheat harvest is well underway in Montana and North Dakota. Initial results indicate that the quality of durum harvested is good with kernel protein of 14.3% (16.3% db) and a thousand kernel weight (TKW) of 39.4 grams. Falling number (FN) averages 401 seconds, which indicates a sound 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 %	HVAC %
	Tested	Expected								lb/bu	kg/hl					
This Week	13	113	11.3	14.3	16.3	0.7	39.4	401		60.7	79.1					

Last Week																
2015 Final	116	118	11.3	13.9	15.8	0.9	39.1	420	1 HAD	60.6	78.9	0.0	0.2	1.1	1.3	91

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.