

U.S. Wheat Associates

Harvest Report


September 2, 2016

Hard Red Winter

The 2016 HRW wheat harvest is complete. Overall, producers have reported very good yields and very good kernel characteristics in all areas. There were concerns about late growing season rains in southern states, but the quality effects were confined to a slight reduction of test weight in some areas. Northern Oklahoma, Kansas, Colorado, and Nebraska all benefited from the same system of rain during plant development and experienced near perfect kernel characteristics.

There are now 462 samples of an expected 530 in the lab. There are a few changes this week with the additional samples received. Thousand kernel weight (TKW) decreased by 0.4 grams to 31.4 g, and falling number (FN) is 391 seconds.

Current laboratory milling and flour data for one-third of Gulf Tributary samples indicates an impressive laboratory mill flour yield average of 77.1% compared with 76.9 % last week and 73.1% in 2015. Flour protein averages 10.4% (14 mb) compared with the five-year average of 11.7% (14% mb). Average farinograph time is 4.2 minutes, and stability time is up to 6.4 minutes compared with 6.0 minutes last week. Farinograph absorption is 59.9 % compared with the five-year average of 59.7%. 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	462	530	11.3	11.2	12.7	0.6	31.4	391	1 HRW	60.7	79.8	0.2	0.2	0.9	1.3
Last Week	449	530	11.3	11.2	12.7	0.6	31.8	393	1 HRW	60.7	79.8	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 weekly harvest report was issued on August 12. The full 2016 SRW Quality Survey Report is available at www.uswheat.org/cropQuality.


	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

Excellent harvest progress was made in the Hard Red Spring growing region over last week. Harvest in both Minnesota and South Dakota is 90% complete. Approximately 70% of the expected samples have been collected and analyzed for this week's report. Average protein content remains unchanged from last week at 14.3%, which is slightly up from last year's final average of 14.2%. Test weight average fell slightly from last week to 61.4 lb/bu (80.7 kg/hl). Falling number average is over 400 seconds indicating a sound crop. The kernel defects percentage is just 0.8 % which is below last year's final average of 1.0%. Average vitreous kernel content 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			Protein %	Dockage %					lb/bu	kg/hl					
This Week	312	446	12.4	14.3	16.3	0.7	31.5	414	1 DNS	61.4	80.7	0.0	0.1	0.7	0.8	76	
Last Week	216	441	12.4	14.3	16.3	0.6	31.6	418	1 DNS	61.6	81.0	0.0	0.1	0.7	0.8	77	
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.

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Soft White

Weather remains favorable as Pacific Northwest wheat harvest is winding down. Eighteen SW samples were received for this week from north Idaho, west Oregon, and west Washington. This week's weighted averages remain the same as last week due to small number of samples.


	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			Protein %	Dockage %					lb/bu	kg/hl				
This Week	326	440	10.0	10.1	11.5	0.6	36.2	316	1 SW	60.6	79.7	0.0	0.1	0.5	0.6	
Last Week	308	440	10.0	10.1	11.5	0.6	36.1	317	1 SW	60.5	79.6	0.0	0.0	0.6	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 harvest is over 60% complete in Montana and North Dakota. With one-half the samples collected, the average grade remains US No 1 HAD. Compared to last week, little or no change occurred in kernel moisture content, protein content, dockage, thousand kernel weight or falling number, while the percent damage and total defects increased and HVAC decreased. The increase in damaged kernels seems to relate to occurrence of fusarium head blight. DON has been detected in some samples collected in north central and northwestern North Dakota and in northeastern Montana.

	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			Protein %	Dockage %					lb/bu	kg/hl					
This Week	56	113	11.5	13.8	15.7	0.7	39.8	401	1 HAD	60.2	78.4	0.0	0.4	0.9	1.3	86	

Last Week	43	113	11.4	13.8	15.7	0.8	39.6	406	1 HAD	60.4	78.7	0.0	0.1	0.8	0.9	92
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.