

U.S. Wheat Associates

Harvest Report


August 25, 2017

Hard Red Winter

The 2017 HRW wheat harvest is complete in every state with the exception of North Dakota (95% complete), Washington (99%) and Idaho (98%). These states will likely finish in the next week.

There are 481 samples now in the lab representing all HRW production areas. There are still a few samples yet to arrive from Washington, Oregon and Idaho. However all sample results should be available in next week's report. With testing nearly complete the overall average test weight is 60.8 (80 kg/hl), slightly above last's year final value of 60.7 lb/bu (79.8 kg/hl). The thousand kernel weight (TKW) average increased by 0.4 grams this week to 31.4 grams and is significantly higher than the five-year of 29.4 grams. The average protein decreased slightly this week to 11.4% (12% mb), but still is slightly higher than last year's overall average of 11.2% (12% mb). The falling number (FN) average value is 374 seconds, indicative of low enzyme activity and very sound wheat.

All data presented are simple averages of all samples tested and are not weighted for production. A final summary of data will be issued mid to late September by Gulf and Pacific Northwest Tributaries States and will contain weighted data and an overall analysis of the crop including milling performance, dough functionality and baking test results.


	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	481	500	10.6	11.4	13.0	0.6	31.4	374	1 HRW	60.8	80.0	0.1	0.1	0.9	1.1
Last Week	466	500	10.9	11.5	13.1	0.6	31.0	372	1 HRW	60.6	79.7	0.1	0.1	1.0	1.2
2016 Final	483	483	11.0	11.2	12.7	0.6	31.9	392	1 HRW	60.7	79.8	0.2	0.2	0.8	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 2017 SRW weekly harvest report was issued on July 28.

	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	270	270	12.7	9.5	10.8	0.4	34.2	320	2 SRW	58.8	77.4	0.1	1.1	0.5	1.7
Last Week	270	270	12.7	9.5	10.8	0.4	34.2	320	2 SRW	58.8	77.4	0.1	1.1	0.5	1.7
2016 Final	484	484	12.4	9.4	10.7	0.5	32.3	330	2 SRW	58.6	77.2	0.1	0.8	0.5	1.4


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

Hard red spring (HRS) harvest made steady progress this past week across the growing region despite rainfall in central and eastern North Dakota. Harvest in South Dakota is near completion. Approximately 31% of the samples have been collected and analyzed for quality in this report. Test weight average held steady at 60.7 lb/bu (79.8 kg/hl), which is down from last year's final average of 61.3 lb/bu (80.6 kg/hl).

Average protein content is 15.1% (12% mb), down slightly from last week average of 15.4% (12% mb), but well above last year's final average of 14.2%. Over 60% of the samples collected at this point have had protein content higher than 14.5% (12% mb). Falling number (FN) average is over 400 seconds. Average vitreous kernel content (DHV) is 86%, making the average grade of these samples US Grade 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	138	442	12.4	15.1	17.2	0.6	29.8	405	1 DNS	60.7	79.8	0.0	0.0	1.0	1.0	86
Last Week	81	441	12.2	15.4	17.5	0.7	28.8	416	1 DNS	60.6	79.7	0.0	0.0	1.1	1.1	88
2016 Final	475	475	12.0	14.2	16.1	0.7	31.4	413	1 DNS	61.3	80.6	0.0	0.1	0.8	0.9	79

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

Weather remains favorable as Pacific Northwest soft white (SW) wheat harvest is winding down. One-hundred and thirty-two SW samples were received for this week from north and south Idaho, west and northeast Oregon, and east central and south Washington. This week's weighted averages indicated slightly lower protein of 9.5% (12% mb) than 9.6% last week, lower moisture content of 8.8% than 9.0% last week, lighter thousand kernel weight (TKW) of 35.9 g than 36.9 g last week, and higher falling number (FN) value of 335 seconds than 328 seconds 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	437	400	8.8	9.5	10.8	0.5	35.9	335	1 SW	61.1	80.4	0.1	0.0	0.5	0.6	
Last Week	305	400	8.9	9.6	10.8	0.5	36.1	328	1 SW	61.0	80.2	0.1	0.0	0.5	0.6	
2016 Final	402	402	9.8	10.1	11.5	0.6	36.3	314	1 SW	60.8	80.0	0.0	0.1	0.6	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

Durum harvest is progressing throughout North Dakota and Montana. Average test weight increased to 59.8 lb/bu (77.9 kg/hl) from last week's average of 59.5 lb/bu (77.5 kg/hl). The thousand kernel weight (TKW) increased to 35.4 g from last week's average of 34.2 g. Falling number (FN) remains high at 392 seconds. Average protein content decreased by 0.4 percentage units to 14.8% (12%mb). Overall, the average grade of these early samples is US No. 2 HAD.

	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	33	113	11.6	14.8	16.8	1.2	35.4	392	2 HAD	59.8	77.9	0.0	0.0	1.1	1.3	96
Last Week	11	113	11.6	15.2	17.3	1.2	34.2	399		59.5	77.5					
2016 Final	113	113	11.5	13.7	15.6	0.8	39.8	411	1 HAD	60.5	78.8	0.0	0.4	0.9	1.3	85

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.

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