## **U.S. Wheat Associates**

# **Harvest Report**

August 31, 2018

#### **Hard Red Winter**

The 2018 HRW wheat harvest is now complete in all states except Montana where rain slowed harvest earlier in the week. As was mentioned in earlier reports, HRW production in the eastern areas of Montana is extremely low as drought last fall (similar to the previous two years) limited the number of planted acres.

Oregon, Washington and Idaho continue to report very good yields and overall averages of over 11% protein (12% moisture basis), 63.0 lb/bu (82.8 kg/hl) test weight, 8.2% moisture, 0.4% total defects and 0.3% dockage.

There were 23 new samples added to the data this week, all out of the Pacific Northwest (PNW). Within the overall averages this week, moisture dropped 0.1% from 11.1% to 11.0%; protein dropped slightly to 12.4% overall; while test weight increased again to 61.0 lb/bu (80.1 kg/hl) up from 60.8 lb/bu (79.9 kg/hl). Falling number decreased very slightly again this week to 371 seconds. Averages for mill, dough and bake results remain very good and USW will share that data after weighted averages are determined.

9	WHEAT	DATA					GRADE FACTORS								
	Samples		Moisture Protein		Dry Basis Protein Dockage		TKW	FN	Grade	Test Weight		FM	Damage	S&B	Defects
	Tested	Expected	%	%	%	%	gm	sec		lb/bu	kg/hl	%	%	%	%
This Week	451	500	11.0	12.4	14.4	0.5		371	1HRW	61.0	80.1	0.1	0.1	1.1	1.3
Last Week	428	500	11.1	12.5	14.4	0.5		372	1HRW	60.8	79.9	0.1	0.1	1.1	1.3
2017 Final	488	488	10.6	11.4	13.0	0.6	31.8	367	1 HRW	60.8	80.0	0.1	0.1	0.9	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.

## **Soft Red Winter**

The final 2018 Soft Red Winter Crop Report is complete and available online at <a href="http://bit.ly/2MlkyEp">http://bit.ly/2MlkyEp</a>.

432A	WHEAT	DATA					GRADE	FACTO	RS	⊠ Final					
CONT.	San Tested	nples Expected	Moisture %	Protein %	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test V	Veight kg/hl	FM %	Damage %	S&B %	Defects %
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
2017 Final	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

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

Scattered rainfall and cooler temperatures early in the week slowed harvest progress in the hard red spring (HRS) wheat growing region, but a dry and warm pattern in the forecast should get producers back in the field shortly. Approximately 61% of samples have been collected and

analyzed for the weekly report. Average protein content dropped slightly to 14.7% (12% moisture basis) this week, but remains slightly above last year's final average of 14.6% (12% moisture basis). Average test weight remains high at 61.7 lb/bu (81.1 kg/hl), slightly above last year's final average of 61.6 lb/bu (81.0 kg/hl). Average falling number is over 400 seconds, and indicates a sound crop. Average vitreous kernel content (DHV) is very high at 89% compared to last year's final average of 73%. The average grade of the crop is No. 1 Dark Northern Spring (1 DNS).

9	WHEA	T DATA						GRADE FACTORS									
	Samples Tested Expected		Moisture %	Protein %	Dry Basis Protein %	Dockage %	TKW	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	DHV %	
This Week	270	445	12.0	14.7	16.7	0.6	32.4	411	1 DNS	61.7	81.1	0.0	0.1	0.7	0.8	89	
Last Week	180	442	12.0	14.8	16.8	0.5	33.0	404	1 DNS	62.0	81.5	0.0	0.1	0.6	0.7	87	
2017 Final	476	476	11.9	14.6	16.6	0.6	31.0	397	1 DNS	61.2	80.5	0.0	0.1	0.9	1.0	76	

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 PNW soft white (SW) wheat harvest is winding down. Ninety-nine SW samples were received this week from southeast Idaho, west and north Oregon, and east central and southeast Washington. This week's weighted averages indicated slightly higher protein of 9.3% (12% moisture basis) compared to 9.1% last week, the same moisture content of 8.5%, similar thousand kernel weight (TKW) to last week, and higher average falling number of 312 seconds compared to 305 seconds last week.

GD.	WHEAT	DATA					GRADE	FACTO	RS	Final					
	Samples Tested Expected		Moisture Protein %		Dry Basis Protein Dockage % %		TKW gm	FN sec	Grade	Test V	Veight kg/hl	FM %	Damage %	S&B %	Defects %
This Week	367	390	8.5	9.3	10.4	0.5	35.7	312	1 SW	61.7	81.1	0.1	0.0	0.5	0.6
Last Week	268	390	8.5	9.1	10.4	0.4	35.0	305	1 SW	61.7	81.1	0.1	0.0	0.5	0.6
2017 Final	512	400	8.9	9.6	10.9	0.5	35.5	335	1 SW	60.9	80.0	0.1	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

Durum harvest is underway in the U.S. Northern Plains. Samples came from northwestern and southwestern ND, and northeastern MT. Low average moisture content of 10.9% and high average falling number 427 seconds reflect the dry conditions that existed up to last weekend. Recent rains throughout the durum growing region have slowed harvest.

GD.	WHEA	T DATA						GRADE FACTORS								
		nples Expected	Moisture %	Protein %	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test V	Veight kg/hl	FM %	Damage %	S&B %	Defects %	HVAC %
This Week	31	119	10.9	14.7	16.7	1.0	40.2	427		61.7	80.3					
Last																

Week																
2017	121	113	11.1	14.5	16.5	1.0	36.9	384	1 HAD	60.4	78.7	0.0	0.1	1.1	1.2	83
Final																

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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