


U.S. Wheat Associates

Harvest Report

August 10, 2018

Hard Red Winter

The 2018 HRW harvest continues advancing toward completion this week in the Northern Plains and Pacific Northwest (PNW) though it is still behind the 5-year average. Like last week, industry reports show that the Montana crop has very good yields, test weight and protein. Conditions also remain quite good in the three PNW states where test weights are excellent, and protein is running between 11% and 12%. The first 11 samples from Montana and 17 samples from the PNW reached the lab this week. There are minimal changes in overall testing averages, with test weight running well above the 60 lb/bu (78.9 kg/hl) average. Protein levels are also greater than 12% (12% moisture basis) with local averages above 13%. Falling number decreased slightly this week to 375 seconds from 379 seconds last week, but still consistent with sound wheat. Preliminary laboratory milling and baking data is available from the Gulf tributary states (Texas, Oklahoma and parts of Kansas). Early milling samples indicate very good laboratory mill flour yield of 75% (not a weighted average) with a lower ash content than last year at 0.46% flour ash. This yield is consistent with 5-year average of 75.2. Loaf volume of 919 cc is higher than last year's 802 cc and the 5-year average of 844 cc.


	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	406	500	11.3	12.5	14.4	0.5		375	1HRW	60.7	79.8	0.2	0.1	1.2	1.5
Last Week	378	500	11.4	12.6	14.4	0.5		385	1HRW	60.6	79.7	0.2	0.2	1.2	1.6
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 SRW report was issued on July 25, 2018.

	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	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
Last Week	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

The U.S. spring wheat crop continues to progress at a near average pace. In South Dakota, harvest is 52% complete. In North Dakota, Montana and Minnesota, harvest completion ranges from 8 to 13%, with all states behind last year's pace but near the 5-year average. Hot, dry temperatures are expected to increase dry conditions, accelerating harvest progression. Industry reports that the crop conditions of the unharvested crop are still high with 74% rated good to excellent.

<input type="checkbox"/> Final	GRADE FACTORS	WHEAT DATA
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	WHEAT DATA								GRADE FACTORS							<input type="checkbox"/> Final	
	Samples		Moisture %	Protein %	Dry Basis		TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %		DHV %
	Tested	Expected			Protein %	Dockage %				lb/bu	kg/hl						
This Week																	
Last Week																	
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

Hot, dry conditions are pushing the soft white (SW) harvest forward. As of August 5, USDA called the 2018 SW winter wheat harvest 78% complete in Oregon, 49% complete in Washington and 48% complete in Idaho. Oregon continues to have destructive fires across the state. Industry reports that overall SW crop quality continues to be good and yields are mostly above average. Of this week's 29 soft white samples, 69% come from north central and northeastern Oregon, 17% from southeastern Washington and 14% from western Oregon. This week's weighted averages indicate slightly lower test weight at 61.7 lb/bu (81.1 kg/hl), down from 61.8 lb/bu (81.3 kg/hl) last week; low moisture content at 8.5%, slightly up from 8.4% last week; low protein at 9.3% (12% mb), down from 9.4% (12% mb) last week; and sound falling number value at 308 seconds, slightly up from 304 seconds last week.

	WHEAT DATA								GRADE FACTORS							<input type="checkbox"/> Final
	Samples		Moisture %	Protein %	Dry Basis		TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	
	Tested	Expected			Protein %	Dockage %				lb/bu	kg/hl					
This Week	68	390	8.5	9.3	10.7	0.3	34.5	308	1 SW	61.7	81.1	0.0	0.1	0.5	0.6	
Last Week	39	390	8.4	9.4	10.7	0.3	33.7	305	1 SW	61.8	81.3	0.0	0.1	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

The Northern durum crop remains in good condition with 83% of the North Dakota crop and 54% of the Montana crop rated in good to excellent condition. No widespread durum harvest has been reported, but warm, dry conditions should allow for fields to mature and dry out this week. In North Dakota, nearly 90% of the durum has turned color, well ahead of the average of 60%. In Montana, 96% of durum has headed and 75% has turned color.

	WHEAT DATA								GRADE FACTORS							<input type="checkbox"/> Final	
	Samples		Moisture %	Protein %	Dry Basis		TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %		HVAC %
	Tested	Expected			Protein %	Dockage %				lb/bu	kg/hl						
This Week																	
Last Week																	
2017 Final	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	

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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