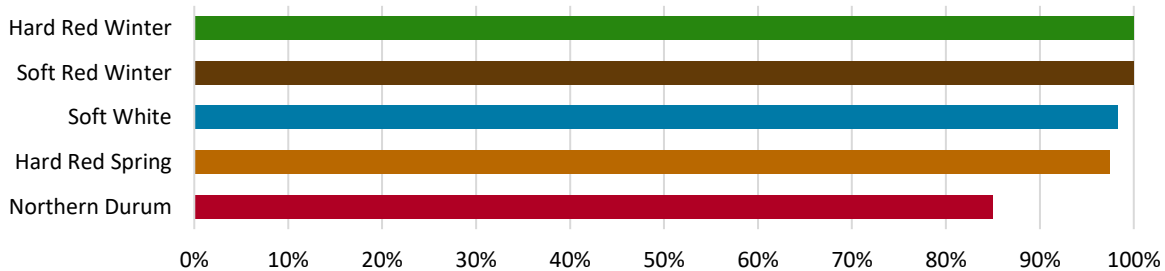




WEEKLY HARVEST REPORT – September 3, 2021

With harvest complete, this is the final weekly report for HRW harvest; sample analysis continues. SW harvest is winding down and data still reflect a stressed crop. HRS harvest is nearing completion and this year’s crop currently grades at U.S. No. 1 Dark Northern Spring. The northern durum samples are in with the current grade a U.S. No. 2 Hard Amber Durum.

Estimated Percent of Sample Crop Harvested to Date
(data: NASS Weekly Crop Progress Reports and industry sources)



HARD RED WINTER

- Wheat Data:** There are now 522 samples in various stages of testing. Moisture (10.9%), protein (11.9%) and dockage (0.5%) remained unchanged this week. Test weight and 1000 kernel weight decreased slightly to 60.3 lbs/bu (79.3 kg/hl) and 30.0 grams, respectively. Falling number and foreign material increased slightly to 368 seconds and 0.3%, respectively. Other kernel factors remained unchanged from last week.
- Dough and Bake Data:** There are now 70 composites formed. Laboratory baking analysis of these composites indicate an average loaf volume of 874 cc, above the industry quality target of 850 cc. Farinograph stability is 9 minutes and absorption is 58.4%. Alveograph data continue to indicate the need for monitoring when mixing; average bake absorption is good at 62.5%.

WHEAT DATA									GRADE FACTORS						
	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	522	525	10.9	11.9	13.5	0.5	30.0	368	1 HRW	60.3	79.4	0.3	0.4	1.0	1.7
Last Week	505	525	10.9	11.9	13.5	0.5	30.2	364	1 HRW	60.4	79.5	0.2	0.4	1.0	1.6
2020 Final	431	500	10.9	11.9	13.5	0.5	31.6	367	1 HRW	61.7	81.1	0.2	0.2	1.1	1.5
5-year Avg	486	493	11.0	11.6	13.2	0.6	32.3	377	1 HRW	60.9	80.1	0.1	0.2	0.9	1.2

Note: HRW averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date.

Data Source: Plains Grains, Inc.

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 2021 SRW weekly harvest report was issued on July 30 and can be found online at [HR-210730-1.pdf \(uswheat.org\)](https://www.uswheat.org/HR-210730-1.pdf).

WHEAT DATA									GRADE FACTORS						
	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				
2021 Final	263	300	13.6	9.4	10.7	0.2	34.3	294	2 SRW	59.5	78.3	0.1	0.6	0.6	1.2
2020 Final	191	300	13.3	9.4	10.6	0.3	33.5	319	2 SRW	59.5	78.3	0.1	0.4	0.5	0.9
5-year Avg	320	339	12.6	9.6	10.9	0.4	32.0	313	2 SRW	58.2	76.6	0.1	0.9	0.6	1.5

Note: SRW averages in the weekly harvest report are simple averages of all samples tested and have not been weighted by the estimated production for each of the 18 reporting areas.

Data Source: Great Plains Analytical Laboratory

SOFT WHITE

- **Crop Progress:** The 2021 U.S. SW winter wheat harvest complete and less than 5% of the SW spring crop remains.
- **Weather:** Seasonal temperatures have returned to the Pacific Northwest, but weather remains dry. Growers are hoping for any moisture as seeding begins for the next winter wheat crop.
- **Wheat Data:** Results from 344 samples now in various stages of testing show the current grade of No. 2 SW with protein of 11.2% (12% mb) above the 5-year average of 9.8%. The falling number is good at 344 seconds. Kernels are small and light, reflected in the 1000 kernel weight value of 29.4. The high protein, low moisture and lower test weight values reflect the extreme heat and drought conditions.

WHEAT DATA									GRADE FACTORS						
	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	344	390	8.8	11.2	12.7	0.5	29.4	344	2 SW	59.4	78.1	0.0	0.0	1.0	1.0
Last Week	302	390	8.6	11.1	12.6	0.4	29.2	345	2 SW	59.6	78.5	0.0	0.0	1.0	1.0
2020 Final	389	390	9.2	9.8	11.1	0.5	36.3	323	1 SW	61.9	81.4	0.0	0.0	0.4	0.5
5-year Avg	443	394	9.3	9.8	11.1	0.5	36.0	319	1 SW	61.4	80.7	0.0	0.0	0.5	0.6

Note: SW averages in the weekly harvest report are weighted for production. Results shown represent tested samples collected to date.

Data Source: Wheat Marketing Center

HARD RED SPRING

- **Crop Progress:** The 2021 HRS crop is nearly complete with less than 5% of the crop remaining, well ahead of last year's pace. With no rain forecast, harvest should wrap up over the next week.
- **Crop Conditions:** Industry sources report pockets of good quality and better than expected yields, however, bailed fields are numerous.
- **Weather:** Widespread precipitation over the past 10 days slowed harvest progress and potential quality issues are a concern.
- **Wheat Data:** Approximately 78% of the samples have been collected and analyzed for this week's report. Test weight average dropped slightly to 61.6 lb/bu (81.0 kg/hl). Current average protein rose slightly to 15.4% (12% mb), up from last year's 14.3%. Falling number average remains above 400 seconds, indicating a sound crop. Average vitreous kernel content is 87% to make the average grade of the crop at this time U.S. No. 1 Dark Northern Spring (1 DNS).

Legend: Protein = 12% Moisture Basis
TKW = 1000 Kernel Weight

FN = Falling Number
FM = Foreign Material

S&B = Shrunken and Broken
n/a = not available

WHEAT DATA									GRADE FACTORS							
	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	346	445	11.8	15.4	17.5	0.6	30.5	433	1 DNS	61.6	81.0	0.0	0.1	0.8	0.9	87
Last Week	288	445	11.9	15.3	17.4	0.6	30.7	432	1 DNS	61.7	81.1	0.0	0.1	0.8	0.9	87
2020 Final	475	451	11.9	14.4	16.4	0.7	31.8	390	1 NS	61.6	81	0.0	0.5	0.6	1.1	67
5-year Avg	472	465	12.1	14.5	16.5	0.7	32.0	401	1 DNS	61.2	80.4	0.0	0.2	0.8	0.9	77

Note: HRS averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date.

Data source: North Dakota State University, Hard Red Spring Wheat Quality Laboratory

NORTHERN DURUM

- **Crop Progress:** The Northern Plains durum harvest is progressing with less than 20% of the crop remaining, well ahead of last year and the 5-year average pace. With no rain forecast, harvest should make good progress.
- **Weather:** Cooler temperatures and recent rainfall provided relief from the prolonged drought, but the impact on quality is a concern.
- **Wheat Data:** Approximately 40% of the samples have been collected. Grain moisture is up from 10.1 to 10.4%, 1000 kernel weight is up from 39.7 to 40.8 grams, and test weight is up slightly from 59.9 to 60.1 lb/bu (78.0 to 78.3 kg/hl), while protein is down from 15.9 to 15.7% (12% mb). Vitreous kernel content is 92.6, higher than last year; the crop currently grades a U.S. No. 1 Hard Amber Durum.

WHEAT DATA									GRADE FACTORS							
	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	52	129	10.4	15.7	18.0	1.2	40.8	415	1 HAD	60.1	78.3	0.0	0.1	1.2	1.3	92.6
Last Week	34	129	10.1	15.9	18.1	1.3	39.7	412	2 HAD	59.9	78.0	0.0	0.1	1.4	1.6	93.1
2020 Final	102	120	10.9	13.6	15.5	1.1	46.4	418	1 HAD	61.9	80.6	0.0	0.7	0.6	1.3	88.8
5-year Avg	111	117	11.4	13.9	15.8	1.1	41.6	394	1 HAD	61.0	79.4	0.0	0.4	0.8	1.3	81.4

Note: Northern durum averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date.

Data source: North Dakota State University, Durum Wheat Quality Laboratory

RESOURCES

<p>California Wheat Commission Laboratory</p> <p>Colorado Wheat Blog</p> <p>Great Plains Analytical Laboratory</p> <p>Kansas Wheat Harvest Update</p> <p>Montana Crop Progress Report</p> <p>Nebraska Crop Report</p>	<p>North Dakota Crop Progress Report</p> <p>Plains Grains Inc.</p> <p>South Dakota Wheat Outlook</p> <p>Texas Wheat Harvest Update</p> <p>Wheat Marketing Center</p>	<p style="text-align: center;">Questions?</p> <p style="text-align: center;">Please contact USW Vice President of Programs Erica Oakley at eoakley@uwheat.org</p> <p style="text-align: center;">Subscribe here to receive this report by email</p> <p style="text-align: center;">www.uswheat.org Facebook Twitter LinkedIn Vimeo</p>
---	--	--