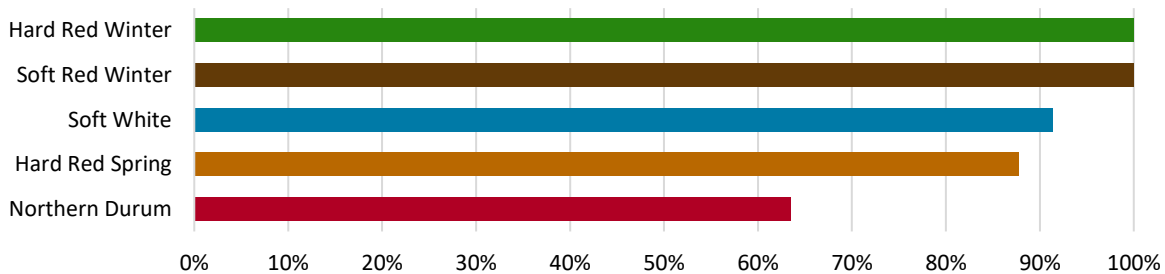




## WEEKLY HARVEST REPORT – August 27, 2021

The HRW harvest has officially wrapped up as samples continue to be analyzed in the lab. SW harvest is progressing under hot, dry conditions and data continue to reflect a stressed crop. HRS harvest is nearly 90% complete and this year's crop currently grades at U.S. No. 1 Dark Northern Spring. The first 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

- **Crop Progress:** The 2021 U.S. HRW wheat harvest is complete with the remaining samples in transit to the lab.
- **Wheat Data:** There are now 505 samples in various stages of testing. With samples from the PNW, moisture, test weight and falling number values decreased slightly while protein increased to 11.9% (12% mb) and 1000 kernel weight increased to 30.2 grams. Other kernel factors remained unchanged from last week.
- **Dough and Bake Data:** Testing has begun on the first 32 composites from Texas, Oklahoma and Kansas. Laboratory baking analysis of these composites indicate an average loaf volume of 874 cc, above the industry quality target of 850 cc. Farinograph and alveograph data over those same composites indicate the need for monitoring when mixing; average bake absorption is good at 62.7%.

	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				
<b>This Week</b>	505	252	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
<b>Last Week</b>	502	500	11.0	11.8	13.4	0.5	30.1	369	1 HRW	60.5	79.6	0.2	0.4	1.0	1.6
<b>2020 Final</b>	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
<b>5-year Avg</b>	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.

## 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 2020 U.S. SW winter wheat harvest is all but complete with less than 10% of the SW spring crop remaining. Industry sources expect fall seeding to be delayed due to drought conditions.
- **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:** Composite results from 302 samples now in various stages of testing show the current grade of No. 2 SW with protein of 11.1% (12% mb) above the 5-year average of 9.8%. The high protein, low moisture and lower test weight values reflect the extreme heat and drought conditions. For buyers, this will be a good year to better understand SW protein performance verses protein levels; your local USW representative can help.

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	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
Last Week	277	390	8.5	11.1	12.6	0.4	29.3	344	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:** Widespread precipitation slowed harvest last week into this week. According to USDA, South Dakota is now 95% harvested, Montana (85%), Minnesota (98%) and North Dakota (73%).
- **Crop Conditions:** Industry sources report pockets of good quality and better than expected yields, however, bailed fields are numerous.
- **Weather:** Scattered showers are forecast, creating potential harvest delays and quality concerns.
- **Wheat Data:** Approximately 65% of the samples have been collected and analyzed for this week's report. Test weight average is holding steady at 61.7 lb/bu (81.1 kg/hl). Current average protein is also holding steady at 15.3% (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					
<b>This Week</b>	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
<b>Last Week</b>	192	445	11.9	15.3	17.4	0.5	30.5	433	1 DNS	61.7	81.1	0.0	0.1	0.7	0.8	87
<b>2020 Final</b>	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
<b>5-year Avg</b>	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 made good progress last week with Montana 70% harvested and North Dakota 57%. Industry sources report variable yields but good quality.
- **Crop Conditions:** This week’s crop condition ratings continue to reflect prolonged heat and drought stress; USDA estimates only 28% of the North Dakota crop and 4% of Montana’s is in good to excellent condition.
- **Weather:** Cooler temperatures and much needed rainfall are providing relief from the prolonged drought but with more rain forecast potential quality issues are a concern.
- **Wheat Data:** Samples came from southwestern North Dakota and northeastern Montana. Low moisture content (10.1%) and high falling number (412 sec) reflect the dry conditions.

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					
<b>This Week</b>	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
<b>2020 Final</b>	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
<b>5-year Avg</b>	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><a href="#">California Wheat Commission Laboratory</a></p> <p><a href="#">Colorado Wheat Blog</a></p> <p><a href="#">Great Plains Analytical Laboratory</a></p> <p><a href="#">Kansas Wheat Harvest Update</a></p> <p><a href="#">Montana Crop Progress Report</a></p> <p><a href="#">Nebraska Crop Report</a></p>	<p><a href="#">North Dakota Crop Progress Report</a></p> <p><a href="#">Plains Grains Inc.</a></p> <p><a href="#">South Dakota Wheat Outlook</a></p> <p><a href="#">Texas Wheat Harvest Update</a></p> <p><a href="#">Wheat Marketing Center</a></p>	<p style="text-align: center;"><b>Questions?</b></p> <p style="text-align: center;">Please contact USW Vice President of Programs Erica Oakley at <a href="mailto:eoakley@uwheat.org">eoakley@uwheat.org</a></p> <p style="text-align: center;">Subscribe <a href="#">here</a> to receive this report by email</p> <p style="text-align: center;"><a href="http://www.uswheat.org">www.uswheat.org</a>   <a href="#">Facebook</a>   <a href="#">Twitter</a>   <a href="#">LinkedIn</a>   <a href="#">Vimeo</a></p>
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