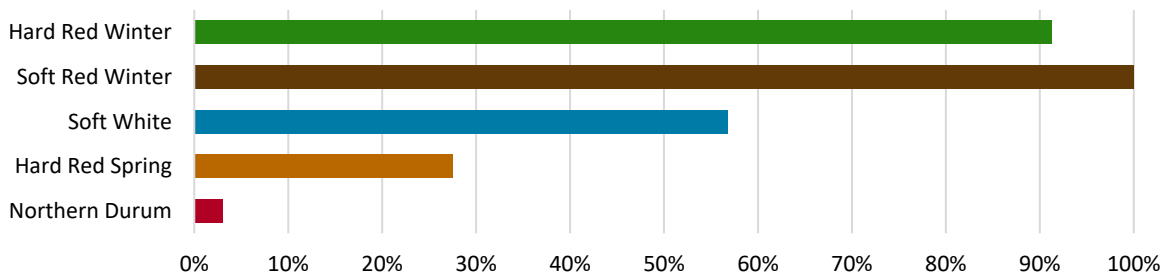




WEEKLY HARVEST REPORT – August 6, 2021

The HRW harvest is winding down with less than 10% remaining. The SW crop is progressing quickly with more than 50% harvested; testing data are reflective of a stressed crop. Durum conditions are slightly better than HRS but remain drought and heat stressed; HRS harvest is nearly 30% complete while durum harvest is just underway.

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 harvest is rapidly moving toward the finish with less than 10% remaining in South Dakota, Wyoming, Washington and Oregon; Idaho is 60% harvested and Montana 70%. Abandonment or baling poor HRW fields for livestock feed is happening in very dry areas but no official estimate is available. An added stressor for Montana farmers is risk of combines starting fires.
- **Crop Conditions:** The HRW fields left to harvest are drought stressed. As thoughts turn to fall planting, much of the HRW production region will need rain to generate sufficient soil moisture for the next crop.
- **Weather:** Dry conditions continue in the northern plains and PNW, where HRW is still being harvested.
- **Wheat Data:** There are now 411 samples in various stages of testing. The averages reflect composite numbers not weighted for production. There was no change in data this week except for falling number and 1000 kernel weight. The sharp increase in falling number value is due to re-testing of samples on a new device. The new number, 370 seconds, is reflective of what industry and other labs are reporting for this year's HRW crop.

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	418	500	11.4	11.6	13.2	0.5	30.3	370	1 HRW	60.6	79.7	0.3	0.5	1.0	1.8
Last Week	411	500	11.4	11.6	13.2	0.5	30.4	276	1 HRW	60.6	79.7	0.3	0.5	1.0	1.8
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.

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				
This Week	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
Last Week	230	300	13.5	9.4	10.7	0.2	34.3	291	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 SW harvest continues at a fast pace with approximately 80% of the winter crop harvested and 33% of the spring crop harvested.
- **Crop Conditions:** The impact of the unrelenting drought on the 2021/22 SW winter and spring crops in the PNW is well-known. Yields are down and industry sources expect more planted area will be abandoned as harvest progresses.
- **Wheat Data:** Composite results from 154 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. These results and others reflect the extreme heat and drought conditions. Though protein levels are up generally, there are still some lower protein counts being reported. For buyers, this will be a good year to better understand SW protein *performance* verses protein *levels*; your local USW representative can help.
- **Weather:** The dryness continues in the Pacific Northwest (PNW), but temperatures have turned cooler. Growers are hoping for any moisture ahead of seeding the next winter wheat crop.

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	154	390	8.0	11.2	12.7	0.4	28.9	349	2 SW	59.8	78.7	0.0	0.0	0.9	0.9
Last Week	102	390	7.9	11.3	12.8	0.3	28.7	350	2 SW	59.9	78.8	0.0	0.0	0.9	0.9
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:** With dry conditions, harvest is progressing rapidly in South Dakota (53% per USDA), Montana (19%), Minnesota (32%) and North Dakota (6%). Abandonment or baling poor HRS fields for livestock feed is happening but no official estimate is available.
- **Crop Conditions:** Crop conditions for the major HRS producing states reflects the ongoing drought with only 10% of the crop in good to excellent condition. As harvest progresses, industry sources report better than expected quality while low yields are reflective of heat and drought stress. Samples have begun to arrive in the lab at North Dakota State University with the first data expected next week.
- **Weather:** Warm, dry conditions are expected to continue over the next 10 days.

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					
2020 Final	475	451	11.9	14.4	16.4	0.7	31.8	390	1 NS	61.6	81	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 2021/22 durum harvest is underway in Montana (5% per USDA). No official numbers for North Dakota, but industry sources report harvest has begun on early planted fields.
- **Crop Conditions:** This week’s crop condition ratings are reflective of prolonged heat and drought stress; USDA estimates 56% of the North Dakota crop and only 6% of Montana’s is in fair to excellent condition.
- **Weather:** Warm, dry conditions are expected to continue over the next 10 days.

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					
2020 Final	102	120	10.9	13.6	15.5	1.1	46.4	418	1 HAD	61.9	80.6	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>
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