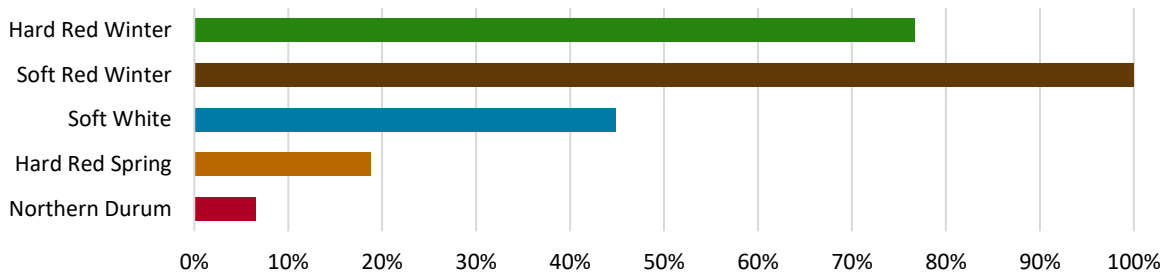




## WEEKLY HARVEST REPORT – August 11, 2023

The HRW harvest is moving north with quality data holding steady. In the Pacific Northwest the SW harvest continues to advance with steady to improving quality. The HRS crop is maturing quickly as harvest is underway in all four states. The northern durum crop is maturing as crop ratings increased this week. The final SRW harvest report is complete and can be found online ([HR-230804.pdf \(uswheat.org\)](https://www.uswheat.org/HR-230804.pdf)).

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



### HARD RED WINTER

- **Crop Progress:** The 2024 HRW harvest is nearing the finish line in Colorado and Nebraska. Wyoming is 55% harvested and if the weather cooperates, is expected to near completion by next weekend. Harvest progress from South Dakota to the PNW ranges from 31% to 90% complete.
- **Crop Conditions:** In fields not damaged by hail, Wyoming farmers are reporting average to above average yields, protein of 10.5% (12% mb) and good test weights. Nebraska farmers are encouraged with soil moisture levels as they look to fall planting.
- **Wheat Data:** The lab received 100 additional samples this week, but testing is not complete so there are minimal to no changes in overall testing averages for this week. Kernel size continues to be good with 70% larger kernels, while hardness is trending softer than last year.
- **Flour Data:** Of the composites tested, flour yields are slightly lower compared to last year. Mixing times on early samples is slightly lower. Absorption and early loaf volumes are exceeding expectations.
- **Weather:** Warmer temperatures are forecast for most of the HRW growing region.

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	320	520	11.9	12.9	14.7	0.5	29.9	368	2 HRW	59.8	78.7	0.2	0.4	0.8	1.6
Last Week	319	520	11.6	12.9	14.7	0.8	29.9	367	2 HRW	59.8	78.7	0.2	0.4	0.8	1.6
2022 Final	524	500	10.2	13.0	14.8	0.5	31.4	361	1 HRW	61.0	80.2	0.1	0.5	1.1	1.8
5-year Avg	488	500	11.1	11.6	13.2	0.5	31.3	370	1 HRW	60.9	80.0	0.2	0.6	0.9	1.4

Note: HRW averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date. Data and commentary are on the following sampled states only: CO, ID, KS, MT, NE, OK, OR, SD, TX, WA, WY.

Data Source: Plains Grains, Inc.

**SOFT RED WINTER**

The final 2023 SRW weekly harvest report was issued on August 4 and can be found online at [HR-230804.pdf \(uswheat.org\)](https://www.uswheat.org/HR-230804.pdf).

WHEAT DATA									GRADE FACTORS						
	Samples		Moisture %	Protein 12% mb	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %
	Tested	Expected								lb/bu	kg/hl				
<b>2023 Final</b>	232	250	13.5	9.2	10.5	0.4	35.8	318	1 SRW	60.2	79.2	0.1	0.3	0.6	1.0
<b>2022 Final</b>	229	250	12.4	9.7	10.9	0.4	32.9	327	1 SRW	60.1	79.1	0.1	0.2	0.6	0.9
<b>5-year Avg</b>	242	250	13.3	9.5	10.8	0.3	32.7	309	2 SRW	58.9	77.5	0.1	0.5	0.6	1.2

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 and commentary are on the following sampled states only: AL, AR, IL, IN, KY, MD, MO, NC, OH, TN, VA.

Data Source: Great Plains Analytical Laboratory

**SOFT WHITE**

- **Crop Progress:** As of August 7, USDA reports the SW winter wheat crop is 60% harvested while the SW spring wheat crop is 30% harvested. Combines were rained out of the fields in Idaho as parts of the state received up to 2.5 inches of precipitation with isolated hail damage in southern Idaho.
- **Crop Conditions:** Proteins continue to be variable, with some higher than average though overall proteins are trending down. Test weights have been improving as harvest progresses. Oregon’s dry conditions held test weight potential with higher-than-average proteins reported.
- **Wheat Data:** This week’s additional samples come from northeast and southeast Idaho and northcentral Washington. Weighted averages indicate slightly higher test weight at 60.1 lb/bu (79.1 kg/hl), up from last week to make the average grade at this time a U.S. No. 1 SW. Moisture content is low at 8.8%; 1000 kernel weights at 30.7 g are heavier than last week and falling number value is sound at 330 seconds. Protein has dropped slightly and is now 11.4 (12% mb); protein is expected to continue decreasing as harvest progresses. Solvent retention capacity (SRC) lactic acid values and overall profiles are typical for SW despite the higher protein.
- **Weather:** Hot temperatures and dry conditions are set to return across the region, pushing SW harvest progress.

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>	118	390	8.8	11.4	13.0	0.3	30.7	330	1 SW	60.1	79.1	0.1	0.0	0.9	1.0
<b>Last Week</b>	49	390	9.0	11.9	13.8	0.4	28.9	338	2 SW	59.5	78.2	0.0	0.0	0.9	1.0
<b>2022 Final</b>	404	390	8.9	9.5	10.8	0.5	34.8	340	1 SW	61.0	80.2	0.1	0.1	0.5	0.6
<b>5-year Avg</b>	416	390	9.1	10.0	11.3	0.5	34.6	327	1 SW	61.1	80.3	0.0	0.0	0.6	0.7

Note: SW averages in the weekly harvest report are weighted for production. Results shown represent tested samples collected to date. Data and commentary are on the following sampled states only: ID, OR, WA.

Data Source: Wheat Marketing Center

## HARD RED SPRING

- **Crop Progress:** As of August 7, harvest is 38% complete in South Dakota, 22% Montana, 13% Minnesota and 2% North Dakota.
- **Crop Conditions:** Recent rains stalled harvest in North Dakota though farmers are glad to receive the rain. Overall, North Dakota representatives anticipate an average crop. In Minnesota, marginal harvest progress was made this week, but widespread harvest is expected next week. Producers are reporting good quality, slightly high protein and average to above average yields. No disease pressures have been reported. Visit North Dakota's [Crop Progress Report](#) for more information.
- **Weather:** Hot and dry temperatures are forecast in much of the growing area, accelerating development and stressing crops.

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					
2022 Final	423	450	11.6	14.3	16.2	0.6	30.4	386	1 NS	62.1	81.6	0.0	0.2	1.0	1.2	74
5-year Avg	463	450	12.0	14.6	16.6	0.5	30.7	375	1 NS	61.5	80.9	0.0	0.3	0.9	1.2	73

Note: HRS averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date. Data and commentary are on the following sampled states only: MN, MT, ND, SD.

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

## NORTHERN DURUM

- **Crop Progress:** The 2023 durum harvest is now 13% complete in Montana. Nearly 20% of the North Dakota crop is mature with harvest expected to begin soon. The earliest planted crop could be harvested as early as next week, with the bulk of the harvest still 10-14 days away.
- **Crop Conditions:** Ratings for the northern durum crop have increased this week with North Dakota now at 58% good to excellent and Montana at 27%.
- **Weather:** Warm, dry weather is expected to accelerate crop maturity.

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					
2022 Final	121	122	11.0	13.7	15.6	1.1	40.4	433	1 HAD	61.8	80.4	0.0	0.1	1.0	1.1	11.0
5-year Avg	113	122	11.3	14.4	16.3	0.9	42.3	399	1 HAD	61.1	79.5	0.0	0.7	0.9	1.6	11.3

Note: Northern durum averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date. Data and commentary are on the following sampled states only: ND, MT.

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