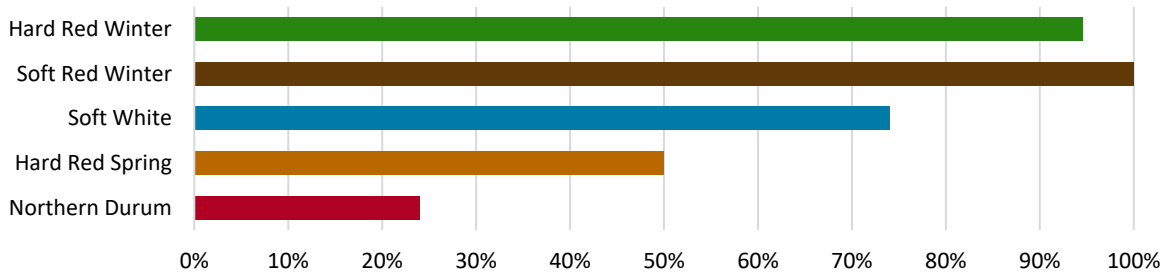




## WEEKLY HARVEST REPORT – August 25, 2023

The HRW harvest is winding down with less than 5% remaining. With more than half the SW crop in the bin, protein, moisture and test weights are continuing to improve. HRS and northern durum harvests are slowly advancing with samples arriving at the lab. 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 2023 HRW harvest is winding down with less than 5% of the crop remaining.
- **Crop Conditions:** State representatives have been reporting better than expected yields unless fields were impacted by dryness or hail. In the southern Plains, producers are hoping for moisture ahead of planting next year's crop.
- **Wheat Data:** Unweighted test results this week did not change overall wheat and grade factors for the HRW crop, with new data continuing to indicate higher falling numbers, lower protein and larger kernels compared to last year.
- **Flour/Bake Data:** There are 59 milled composites, with an average laboratory flour extraction of 75.9%, slightly lower than last year. Those same 59 composites indicate an average flour ash of .54% (14% mb), farinograph absorption of 58% (14% mb), and alveograph W value of 263 mm. Bake absorption on 46 composites is averaging 64.8% (14% mb) with mix time of 4.06 mins; loaf volumes continue to be very good with an overall average of 936 cc. Visit PGI's [Harvest Report](#) for more information.
- **Weather:** Hot and dry conditions in the southern HRW growing region are expected to continue. Moving north and into the PNW, the weather has been cooler with rain; warmer, drier conditions are forecast.

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>	456	520	11.7	12.7	14.4	0.8	29.9	365	2 HRW	59.8	78.7	0.2	0.5	0.9	1.6
<b>Last Week</b>	432	520	11.7	12.7	14.4	0.9	29.9	364	2 HRW	59.8	78.7	0.2	0.5	0.9	1.6
<b>2022 Final</b>	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
<b>5-year Avg</b>	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				
2023 Final	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
2022 Final	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
5-year Avg	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:** Harvest of the 2023 SW crop is now complete in Oregon. Winter crop harvest in Washington is complete; the spring crop is 53% harvested. In Idaho, the winter crop is 70% harvested and spring crop 27%.
- **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. No reports of disease pressure or pest issues.
- **Wheat Data:** Nearly 75% of expected samples have been processed and analyzed with minimal change from last week. Weighted averages indicate test weight of 60.2 lb/bu (79.2 kg/hl), moisture content of 8.9%; 1000 kernel weight of 31.7 g and falling number value of 330 seconds. Protein is holding steady at 11.1 (12% mb); protein is expected to decrease as harvest progresses. Solvent retention capacity (SRC) lactic acid values and overall profiles are typical for SW despite the higher protein. Farinograph is suitably weak for SW. The average grade at this time is a U.S. No. 1 SW.
- **Weather:** Hurricane Hilary brought heavy rains to the PNW last week. Warmer, drier conditions are forecast.

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	285	390	8.9	11.1	12.6	0.4	31.7	336	1 SW	60.2	79.2	0.1	0.0	0.8	0.9
Last Week	172	390	8.8	11.1	12.6	0.4	31.8	330	1 SW	60.3	79.4	0.1	0.0	0.8	0.9
2022 Final	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
5-year Avg	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 21, harvest is 75% complete in South Dakota, 60% in Montana, 41% in Minnesota and 24% in North Dakota.
- **Crop Conditions:** Minnesota representatives report harvest yields are better than anticipated; harvest is slowly progressing due to humidity and dews. North Dakota is similarly delayed due to humidity, light moisture and cloudy conditions; while variable, yields have been better than expected. Montana representatives report no test weight issues as harvest progress and proteins are average. No major harvest or quality issues have been reported thus far. Visit North Dakota's [Crop Progress Report](#) for more information.
- **Weather:** Hot and dry temperatures are forecast in much of the growing area, accelerating harvest.

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					
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:** Humidity is slowing down the northern durum harvest with 33% of the crop harvested in Montana and 15% in North Dakota.
- **Crop Conditions:** Ratings for the northern durum crop decreased this week with North Dakota now at 46% good to excellent and Montana at 10%. Overall, Montana representatives expect a good quality crop with higher protein, average test weight and below average yields. In North Dakota, yields and protein are expected to be average to below average.
- **Weather:** This week has been cool, humid, with morning dew. Humidity and precipitation are expected to taper off this weekend.

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