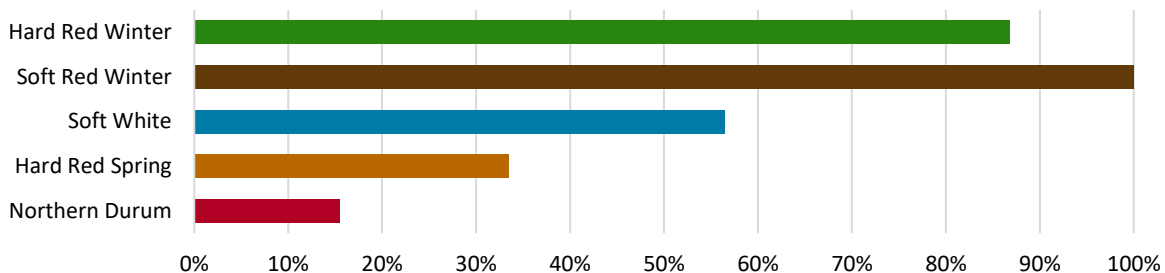




WEEKLY HARVEST REPORT – August 18, 2023

The HRW harvest moved close to 90% complete with data holding steady. In the Pacific Northwest the SW harvest is progressing quickly with steady to improving quality. The HRS crop is maturing quickly as harvest is more than 30% complete. The northern durum crop is nearly 20% complete as good quality reported. 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 progressing with less than 15% of the crop remaining. The momentum should continue with favorable conditions expected.
- **Crop Conditions:** With harvest all but complete from Colorado to South Dakota, producers are reporting better than expected yields unless fields were impacted by dryness or hail. In South Dakota, state representatives report overall high protein and good test weights. Early reports from Montana indicate a good crop with high test weight, average protein and good yields.
- **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 51 milled composites, with an average laboratory flour extraction of 76.0%, slightly lower than last year. Of those, data from 46 composites indicate flour ash of .54% (14% mb) and farinograph absorption of 58% (14% mb); compared to 2022, dough strength is more extensible and mix times are improved. Bake absorption on 36 composites is averaging 65.2% (14% mb) with mix time of 5.4 mins; loaf volumes continue to be very good with an overall average of 943 cc. Visit PGI's [Harvest Report](#) for more information.
- **Weather:** Hot, dry 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	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
Last 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
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.

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 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:** At 92% complete, harvest of the Oregon crop has moved quickly with higher elevation fields remaining; Idaho is 28% harvested and Washington 50%.
- **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 yield and test weight potential. Idaho representatives report the crop looks good overall with isolated pockets of low test weight and good protein levels. Yields are above average in southern Idaho and slightly below average in northern Idaho due to dry growing conditions. No reports of disease pressure or pest issues.
- **Wheat Data:** Approximately 44% of expected samples have been processed and analyzed. Weighted averages indicate slightly higher test weight at 60.3 lb/bu (79.4 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 31.8 g are heavier than last week and falling number value is sound at 330 seconds. Protein has dropped slightly and is now 11.1 (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. Farinograph is suitably weak for SW.
- **Weather:** Hot temperatures and dry conditions continue, 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				
This 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
Last Week	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
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 14, harvest is 54% complete in South Dakota, 39% in Montana, 28% in Minnesota and 13% in North Dakota.
- **Crop Conditions:** South Dakota representatives report good test weights with average to above average protein. In North Dakota, variability is expected with areas that caught timely rains likely to have lower protein levels. Montana’s dryness took top yield potential, but state 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.

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 27% complete in Montana and underway in North Dakota at 4% complete. Of the remaining North Dakota crop, 47% is mature and 85% is turning color.
- **Crop Conditions:** Ratings for the northern durum crop decreased this week with North Dakota now at 52% good to excellent and Montana at 18%. Overall, Montana representatives expect a good quality crop with higher protein, average test weight and – as long as the weather holds – no color issues. In North Dakota, yields are expected to be below average due to prolonged heat and dryness.
- **Weather:** Warm, mostly dry weather with isolated rain showers is forecast.

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