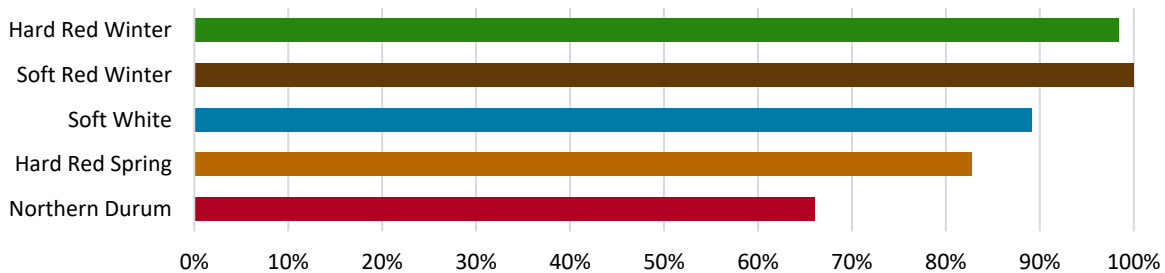




WEEKLY HARVEST REPORT – September 8, 2023

The remaining HRW fields are being harvested as samples continue to be analyzed in the lab. With approximately 10% of the SW crop to be harvested, data is holding steady. The HRS and northern durum harvests are slowly progressing with humidity, cooler nights and shorter days. HRS is currently graded at U.S. No. 1 Northern Spring (1 NS) and northern durum is grading at U.S. No. 1 Amber Durum (AD).

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



HARD RED WINTER

- **Crop Progress:** As the last fields of the 2023 HRW crop are being harvested, planting of the 2024 crop has begun.
- **Wheat Data:** With the slowdown in harvest, no additional samples were tested this week. The results for the final samples will be provided next week.
- **Flour/Bake Data:** No additional composites were tested this week. Visit PGI's [Harvest Report](#) for more information.

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	462	475	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
Last Week	462	475	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
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				
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

Legend: Protein = 12% Moisture Basis
TKW = 1000 Kernel Weight

FN = Falling Number
FM = Foreign Material

S&B = Shrunken and Broken
n/a = not available

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:** State representatives report Washington’s harvest is wrapping up and producers have planted approximately 15% of next year’s SW winter wheat crop. Harvest is mostly complete in northern Idaho; however widespread precipitation has continued to delay harvest in southern Idaho.
- Wheat Data:** The additional samples processed and analyzed this week were from Washington, with minimal change from last week. Weighted averages indicate test weight of 60.3 lb/bu (79.3 kg/hl), moisture content of 9.1%; a slightly heavier 1000 kernel weight of 32.4 g and falling number value of 335 seconds. Protein increased slightly to 11.1 (12% mb). Solvent retention capacity (SRC) lactic acid values and overall profiles are typical for SW despite the higher protein. The average grade at this time is a U.S. No. 1 SW.
- Weather:** Washington producers are hoping for rain as seeding begins for the next winter wheat crop. Warmer, drier conditions are forecast for southern Idaho.

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	349	390	9.1	11.1	12.6	0.4	32.4	335	1 SW	60.3	79.3	0.1	0.0	0.7	0.8
Last Week	327	390	9.0	11.0	12.5	0.4	32.2	336	1 SW	60.3	79.3	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:** More than 80% of the HRS crop is now harvested with South Dakota 97% complete, Minnesota and Montana 85% and North Dakota 64%.
- Crop Conditions:** Minnesota and North Dakota representatives report harvest yields are better than anticipated. Overall, average yields are expected. No major harvest or quality issues have been reported thus far. Visit North Dakota's [Crop Progress Report](#) for more information.
- Wheat Data:** This week’s data come from about 38% of expected samples. Average protein content is holding steady at 14.1% with an average test weight of 60.7 lb/bu (79.8 kg/hl), down slightly from last week. Falling number average is sound at 410 seconds. Average vitreous kernel content is 54%, making the current average grade as U.S. No. 1 Northern Spring (1 NS).
- Weather:** With mostly dry weather over the last ten days producers made steady progress. Cooler nights and shorter days are expected to slow 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 %	DHV %
	Tested	Expected								lb/bu	kg/hl					
This Week	170	445	12.3	14.1	16.0	0.7	33.8	410	1 NS	60.7	79.8	0.0	0.2	0.8	1.0	54
Last Week	82	445	12.4	14.1	16.0	0.6	34.9	416	1 NS	61.0	80.2	0.0	0.4	0.6	1.0	55
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

Legend:

Protein = 12% Moisture Basis
TKW = 1000 Kernel Weight

FN = Falling Number
FM = Foreign Material

S&B = Shrunken and Broken
n/a = not available

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:** Producers are making progress with 83% of the crop now harvested in Montana and 49% in North Dakota.
- **Crop Conditions:** State representatives report good quality and color with average to below average yields. Producers have not reported any quality concerns. Visit North Dakota's [Crop Progress Report](#) for more information.
- **Wheat Data:** With 18 additional samples this week, dockage, damaged kernels, shrunken and broken kernels, and total defects decreased, while 1000 kernel weight and falling number values increased. HVAC is currently 72.2%, making the current grade a U.S. No. 1 Amber Durum (AD).
- **Weather:** Like HRS, harvest progress will slow as days turn shorter. Cooler weather is forecast with limited chances for precipitation.

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					
This Week	28	128	11.3	13.8	15.7	1.2	41.9	405	1 AD	60.9	79.3	0.0	0.7	0.5	1.3	72.2
Last Week	10	128	11.3	13.8	15.7	1.6	40.6	382	1 HAD	60.9	79.3	0.0	1.5	0.8	2.3	84.6
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	92.0
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	83.0

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