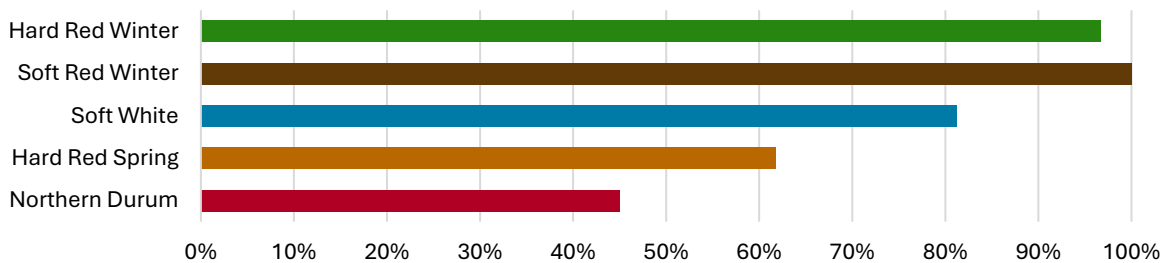




WEEKLY HARVEST REPORT – August 30, 2024

The HRW harvest is all but complete as samples continue to be analyzed in the lab. The SW crop is progressing quickly with favorable weather. HRS harvest is over 60% complete and initial sample data show test weight average of 61.5 lb/bu (80.9 kg/hl) and average protein 14.0% (12% mb). The first northern durum samples are in with the current grade a U.S. No. 2 Hard Amber Durum.

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



HARD RED WINTER

- **Crop Progress:** The 2024 U.S. HRW harvest is winding down with less than 5% of the sampled crop remaining. As thoughts turn to fall planting, much of the HRW production region will need rain to generate sufficient soil moisture for the next crop.
- **Wheat Data:** With harvest slowing, only a few more samples were tested this week. Cumulative unweighted data remains unchanged. The current average grade is U.S. No. 1 HRW.
- **Flour/Dough Data:** There are now 81 composites formed. Overall, data reflect this year’s lower protein crop compared to the drought-stressed, higher protein crops of 2022 and 2023. Laboratory milling extraction average is 75.0%. Average farinograph stability is 9.3 minutes and absorption is 58.6%. Extensograph resistance results are slightly lower compared to last year. Alveograph data continue to indicate the need for monitoring when mixing. Baking analysis of these composites indicate an average bake absorption of 61.9% and an average loaf volume of 857 cc, slightly above the industry target of 850 cc.
- **Weather:** Warming temperatures and isolated rain chances 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	502	500	11.2	12.0	13.6	0.6	29.5	361	1 HRW	61.1	80.4	0.1	0.2	0.8	1.0
Last Week	494	500	11.2	12.0	13.6	0.6	29.5	361	1 HRW	61.1	80.4	0.1	0.2	0.8	1.0
2023 Final	503	500	11.5	12.7	14.4	0.6	29.7	355	2 HRW	59.8	78.7	0.1	0.5	0.9	1.6
5-year Avg	493	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 simple averages and have not been weighted for production. Results shown represent tested samples collected to date. Data and commentary pertain only to the following sampled states: CO, ID, KS, MT, NE, OK, OR, SD, TX, WA, WY. Table data source: Plains Grains, Inc.

SOFT RED WINTER

The final 2024 SRW weekly harvest report was issued on July 26 and can be found online at [HR-240726.pdf](https://www.uswheat.org/HR-240726.pdf) ([uswheat.org](https://www.uswheat.org)).

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				
2024 Final	233	300	13.0	9.7	11.0	0.3	32.8	316	2 SRW	59.1	77.7	0.2	0.5	0.6	1.2
2023 Final	232	250	13.3	9.3	10.6	0.4	35.9	320	1 SRW	60.3	79.3	0.2	0.3	0.6	1.0
5-year Avg	235	250	13.2	9.5	10.8	0.3	32.6	311	2 SRW	60.1	79.1	0.1	0.4	0.6	1.0

Note: SRW averages in the weekly harvest report are simple averages and have not been weighted for production. Results shown represent tested samples collected to date. Data and commentary pertain only to the following sampled states: AL, AR, IL, IN, KY, MD, MO, NC, OH, TN, VA. Table data source: Great Plains Analytical Laboratory.

SOFT WHITE

- **Crop Progress:** Harvest of the SW winter wheat crop is winding down with only higher elevation fields remaining. The SW spring wheat crop is 68% harvested.
- **Crop Conditions:** SW winter wheat yields are average to above average with excellent test weights reported, while SW spring wheat has lower yields due to frost, high temperatures, and limited rainfall. Though protein levels are trending lower than average, there is excellent carryover from last year’s high protein crop.
- **Wheat Data:** An additional 42 samples arrived for testing with limited to no change to this week’s weighted averages. Wheat moisture continues to trend low at 9.0%. Wheat protein at 9.2% (12% mb) is low, but still within normal range for SW. Farinograph water absorptions are suitably low for SW. Wet gluten is trending lower at 19.5% (14% mb) but expected because of low protein content. The average grade at this time is a U.S. No. 1 SW.
- **Weather:** Average to above average temperatures and limited rain chances 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	385	390	9.0	9.2	10.5	0.5	35.1	324	1 SW	60.9	80.2	0.0	0.0	0.5	0.6
Last Week	343	390	8.8	9.1	10.3	0.4	34.8	324	1 SW	60.9	80.2	0.0	0.0	0.5	0.6
2023 Final	450	390	9.1	11.1	12.6	0.4	32.5	336	1 SW	60.3	79.3	0.1	0.0	0.6	0.7
5-year Avg	411	390	9.1	10.0	11.2	0.5	34.4	328	1 SW	61.1	80.3	0.0	0.1	0.6	0.7

Note: SW averages in the weekly harvest report are simple averages and have not been weighted for production. Results shown represent tested samples collected to date. Data and commentary pertain only to the following sampled states: ID, OR, WA. Table data source: Wheat Marketing Center.

HARD RED SPRING

- **Crop Progress:** Favorable weather this past weekend and early this week facilitated significant harvest progress in much of the region. However, a late-week rain event caused delays in northwestern Minnesota as well as central and eastern North Dakota. In South Dakota, intermittent rain also slowed harvest progress. The HRS crop is currently estimated to be 62% harvested.
- **Crop Conditions:** The eastern HRS growing region has been the most impacted by rains at harvest creating greater variability in the crop. Fields harvested before early August rains show minimal quality issues, while those harvested after face issues such as elevated DON and low falling numbers. Overall, lower protein levels are reported from the eastern growing region. The western region, with little rain, has no foliar disease concerns, but heat stress and drier conditions have resulted in lower yields and test weights, though protein content is higher. Overall, crop conditions continue to be closely monitored as harvest progresses.

- **Crop Data:** The first 96 samples are in the lab for testing. The current protein content is 14.0% (12% mb), falling number is 408 seconds and test weight is 61.5 lb/bu (80.9 kg/hl). Due to testing delays, grade factor data will not be available until next week.
- **Weather:** The forecast looks favorable for harvest progress with moderate temperatures, lower humidity and minimal rain chances over the next week to 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 %	DHV %
	Tested	Expected								lb/bu	kg/hl					
This Week	96	445	12.7	14.0	15.9	0.8	34.2	408		61.5	80.9					
2023 Final	483	450	12.2	14.2	16.2	0.7	34.3	379	1 NS	61.2	80.5	0.0	0.3	0.8	1.1	52
5-year Avg	467	450	11.9	14.6	16.6	0.6	30.7	375	1 NS	61.6	81.0	0.0	0.3	0.9	1.3	79

Note: HRS averages in the weekly harvest report are simple averages and have not been weighted for production. Results shown represent tested samples collected to date. Data and commentary pertain only to the following sampled states: MN, MT, ND, SD. Table data source: North Dakota State University, Hard Red Spring Wheat Quality Laboratory

NORTHERN DURUM

- **Crop Progress:** North Dakota's harvest is 20% complete, similar to last year. Montana's harvest is 70% complete, ahead of the average.
- **Crop Conditions:** North Dakota durum growers report good yields, color, and protein. Drought-affected and early planted fields show lower test weights. Montana's northeast corner also reports lower test weights due to limited moisture and high July temperatures.
- **Wheat Data:** The first data comes from just 13 samples. Currently, the moisture and protein content, and falling number, are all higher compared to last year. Thousand kernel weight is lighter than last year, and HVAC is slightly lower. With an average test weight of 59.6 lb/bu (77.6 kg/hl), the crop currently grades as U.S. #2 HAD.
- **Weather:** Seasonal temperatures and limited to no precipitation 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 %	HVAC %
	Tested	Expected								lb/bu	kg/hl					
This Week	13	134	12.9	15.4	17.5	2.9	35.2	419	2 HAD	59.6	77.6	0.1	0.6	0.7	1.3	90
2023 Final	131	128	11.5	13.9	16.1	1.1	40.9	394	1 HAD	61.3	79.8	0.0	0.4	0.6	1.0	79
5-year Avg	113	123	11.2	13.9	16.1	0.9	42.8	410	1 HAD	61.4	79.9	0.0	0.7	0.8	1.5	84

Note: Northern durum averages in the weekly harvest report are simple averages and have not been weighted for production. Results shown represent tested samples collected to date. Data and commentary pertain only to the following sampled states: ND, MT. Table data source: North Dakota State University, Durum Wheat Quality Laboratory.

Additional Resources:

- [News | Colorado Wheat](#)
- [Harvest | Kansas Wheat](#)
- [News | Plains Grains](#)
- [Harvest Updates | Texas Wheat](#)
- [Weekly Wheat Update | ND Wheat Commission](#)
- [News | Idaho Wheat](#)
- [News | WA Grains](#)
- [SD Wheat](#)
- [News | Maryland Grain Producers](#)