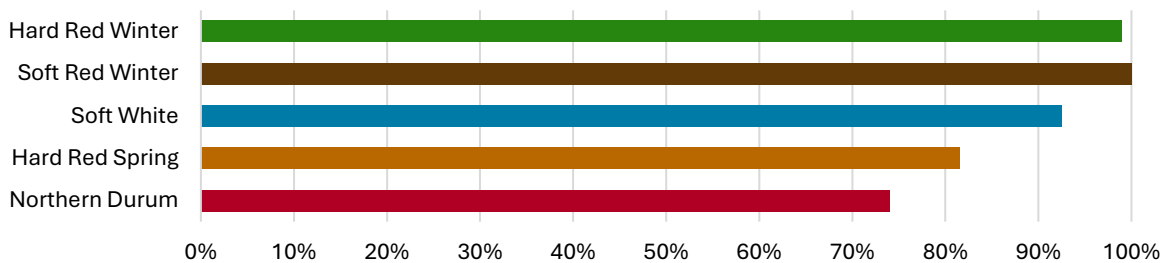




WEEKLY HARVEST REPORT – September 6, 2024

The HRW harvest is nearly complete with data holding steady. SW harvest continues under warm, dry conditions; this is a typically good SW crop with low protein, low moisture and good test weight. With a good stretch of weather, HRS harvest is over 80% complete with good yields but variable quality. The northern durum is more than 70% harvested and currently grades 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:** While the last fields of the 2024 HRW crop are being harvested, planting for the 2025 crop has begun. Many areas in the HRW production region need rain to ensure adequate soil moisture for next year’s crop.
- **Wheat Data:** With harvest slowing, no additional samples were tested this week.
- **Flour/Dough Data:** There are 81 milled composites, with an average laboratory flour extraction of 74.9%, damaged starch of 6.3% and flour ash of 0.54% (14% mb). Dough property results indicate farinograph absorption of 58.3% (14% mb), development time of 58.3 minutes and stability time of 9.0 minutes. Baking analysis of these composites indicates an average bake absorption of 61.7%. With this lower protein crop, the average loaf volume is 855 cc, slightly above the industry target of 850 cc.

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	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
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 \(uswheat.org\)](#).

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:** Less than 10% of the Pacific Northwest SW crop remains as harvest quickly winds down.
- **Crop Conditions:** SW crop conditions remain the same as reported last week. 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:** The additional samples processed this week showed minimal to no change in the weighted averages. Overall, the crop looks to be typical, good quality soft white wheat. The weighted averages indicate test weight of 60.9 lb/bu (80.1 kg/hl), moisture content of 9.0%; a slightly lighter 1000 kernel weight of 35.0 g and falling number value of 326 seconds. Protein increased slightly to 9.3 (12% mb). The average grade currently stands as U.S. No. 1 SW. Composite data is expected to be included in next week's report.
- **Weather:** Favorable weather continues as the remaining fields are harvested.

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	429	390	9.0	9.3	10.6	0.5	35.0	326	1 SW	60.9	80.1	0.1	0.0	0.5	0.6
Last Week	385	390	9.0	9.2	10.5	0.5	35.1	324	1 SW	60.9	80.1	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:** There was good progress with favorable harvest conditions across the growing region. South Dakota anticipates finishing the harvest next week. The HRS crop is currently estimated to be 82% harvested.
- **Crop Conditions:** State sources report that the western region has been drier and hotter, limiting disease and increasing protein content but also reducing test weights and yields. Overall, quality seems to be good in the western growing region. In the eastern region, plentiful summer rain has resulted in lower protein levels but more disease concerns, including elevated DON. Falling number concerns have subsided. As reported last week, fields harvested before early August rains show minimal quality issues.
- **Crop Data:** An additional 62 samples have been analyzed for this week's report. Test weight average is 61.0 lb/bu (80.2 kg/hl), down slightly from last week. Current average protein is 14.0% (12% mb), down from last year's 14.2%.

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

FN = Falling Number
FM = Foreign Material

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

Falling number average remains above 400 seconds. Average vitreous kernel content is 62% to make the average grade of the crop at this time U.S. No. 1 Northern Spring (1 NS).

- **Weather:** The forecast looks favorable for harvest progress with moderate temperatures and minimal rain chances.

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	158	445	12.7	14.0	15.9	0.8	33.5	401	1 NS	61.0	80.2	0.0	1.1	0.4	1.5	62
Last 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	461	450	12.0	14.5	16.5	0.6	31.4	384	1 NS	61.3	80.6	0.0	0.4	0.8	1.3	66

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:** This past week saw good progress in the 2024 durum harvest, with Montana reaching 95% completion and North Dakota at 53%.
- **Crop Conditions:** There has been little change from last week's report. North Dakota durum producers continue to report good yields, color, and protein, though drought-affected and early planted fields show lower test weights. Similarly, reports from Montana indicate lower test weights because of limited moisture and high July temperatures.
- **Wheat Data:** With 26 additional samples this week, moisture, protein, dockage, 1000 kernel weight, shrunken and broken kernels, and HVAC decreased, while falling number values increased. With an average test weight of 59.8 lb/bu (77.9 kg/hl), the crop currently grades as U.S. No. 2 Hard Amber Durum (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	39	134	12.5	15.1	17.2	2.3	34.4	428	2 HAD	59.8	77.9	0.1	0.6	0.6	1.3	83
Last 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	121	128	11.5	14.2	16.1	1.1	40.9	394	1 HAD	61.3	79.8	0.0	0.4	0.6	1.0	92
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

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](#)

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

FN = Falling Number
FM = Foreign Material

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