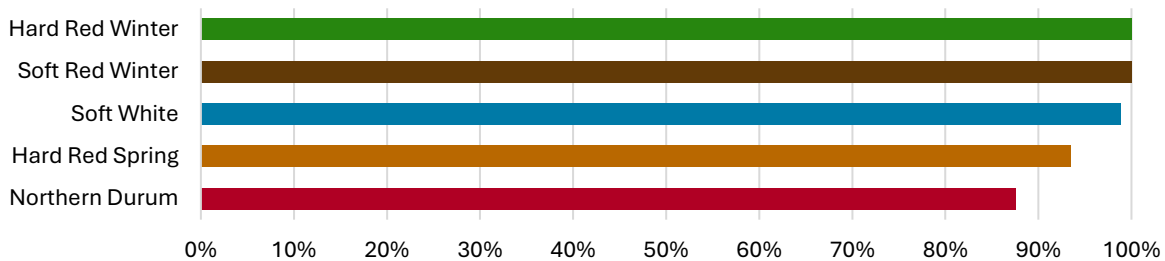




WEEKLY HARVEST REPORT – September 13, 2024

This is the final weekly reports for HRW and SW data; sample analysis continues. With continued favorable weather, HRS harvest is nearly 95% complete and currently grades a U.S. No. 1 Northern Spring. The northern durum is nearly 90% harvested and now grades a U.S. No. 1 Hard Amber Durum. As winter wheat planting progresses, many areas need rain to ensure adequate soil moisture for next year’s crop.

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



HARD RED WINTER

- Flour/Dough Data:** There are 85 milled composites, with an average laboratory flour extraction of 75.0%, damaged starch of 6.4% and flour ash of 0.54% (14% mb). Dough property results indicate farinograph absorption of 58.5% (14% mb), development time of 5.3 minutes and stability time of 9.0 minutes. Baking analysis of these composites indicates an average bake absorption of 61.8%. With this lower protein crop, the average loaf volume is 846 cc, slightly below the industry target of 850 cc.

This is the final HRW weekly report for the 2024 harvest.

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	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](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

- Wheat Data:** No new samples were processed this week. This year’s crop exhibited strong test weights and large, heavy kernels, indicating good milling quality. All data indicate that this is a characteristically weak SW crop. Solvent Retention Capacity (SRC) and farinograph data look typical for SW. While protein levels are trending lower than average, there is excellent carryover from last year’s high protein crop. Overall, the crop looks to be typical, good quality soft white wheat with a final grade of U.S. No. 1 SW.

This is the final SW weekly report for the 2024 harvest.

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	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
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:** The 2024 HRS crop is wrapping up with less than 10% of the crop remaining. Excellent harvest progress has been made in recent weeks with favorable conditions.
- Crop Data:** An additional 59 samples have been analyzed for this week’s report. Test weight average is 60.9 lb/bu (80.1 kg/hl), down slightly from last week. Current average protein is 14.0% (12% mb). Falling number average remains above 400 seconds. Average vitreous kernel content is 63% to make the average grade of the crop at this time U.S. No. 1 Northern Spring (1 NS).
- Weather:** The forecast continues to look 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	217	448	12.6	14.0	15.9	0.8	33.0	406	1 NS	60.9	80.1	0.0	0.9	0.6	1.5	63
Last Week	158	448	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
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:** The 2024 durum harvest in Montana is nearly finished, and North Dakota's harvest is over 75% complete.
- **Wheat Data:** With 30 additional samples this week, moisture, protein, dockage, falling number and HVAC decreased, while 1000 kernel weight increased. With an average test weight of 60.3 lb/bu (78.5 kg/hl), the crop currently grades as U.S. No. 1 Hard Amber Durum (HAD).
- **Weather:** Conditions are expected to be favorable for harvest over the next week.

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	69	134	12.3	14.5	16.5	2.1	34.6	419	1 HAD	60.3	78.5	0.1	1.0	0.6	1.7	81
Last 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
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](#)