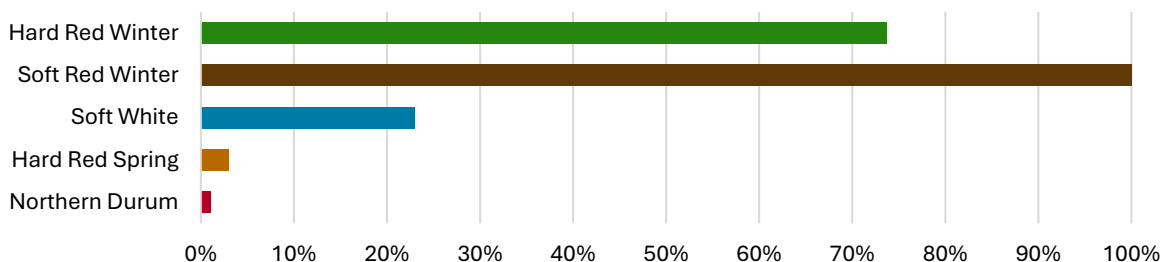


WEEKLY HARVEST REPORT – August 2, 2024

The HRW harvest is quickly moving north with quality data holding steady. Hot, dry weather is pushing the SW crop forward; initial data indicate very good grade and non-grade factors. The HRS crop is maturing quickly as harvest is underway in three states. The northern durum crop is also maturing quickly with test cutting in Montana.

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



HARD RED WINTER

- **Crop Progress:** Progress of the 2024 HRW harvest continues, with about three-quarters of it completed.
- **Crop Conditions:** After isolated rain delays in South Dakota, harvest has resumed with reports of favorable yields and protein. In Wyoming, only irrigated fields remain; dryland areas yielded 30 bu/acre (2.0 tons/ha). Montana's hot and windy conditions have accelerated crop maturity and harvest. The PNW reports an average to above average crop under mostly good conditions. Overall, test weights continue to be strong with some lower test weights reported in areas that received rain at harvest. Proteins are variable with reports from 9-14% (12% mb) with higher proteins reported in areas that were hotter and drier during kernel development.
- **Wheat Data:** This week includes analysis of an additional 22 samples with minimal change in data. Of samples tested to date, kernel data reflect harder, slightly smaller kernels compared to last year. Test weight average is 61.0 lb/bu (80.2 kg/hl) and falling number is 363 seconds. The current average protein content is 12.0 (12% mb) and grades a U.S. No. 1. Composite milling will begin next week with data expected mid-August.
- **Weather:** Temperatures throughout the growing region are hot and mostly dry, with isolated chances for precipitation.
- **Disease/Pest Pressure:** Producers are closely monitoring isolated reports of disease and pest pressure, including stripe rust, wheat streak mosaic virus and sawfly. Swathing has been reported in areas with high sawfly pressure.

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	456	500	11.2	12.0	13.6	0.6	29.4	363	1 HRW	61.0	80.2	0.1	0.2	0.8	1.0
Last Week	434	500	11.3	12.2	13.9	0.6	29.4	359	1 HRW	61.1	80.4	0.1	0.2	0.7	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 \(uswheat.org\)](https://www.uswheat.org/HR-240726.pdf).

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:** SW harvest is picking up speed with the winter crop 36% harvested and spring crop 10%.
- **Crop Conditions:** NASS ratings for the SW winter crop increased this week to 64% good to excellent. Local reports indicate very good yields, good test weight and average protein. SW spring crop ratings have decreased to 47% good to excellent and are reflective of prolonged hot, dry weather. Spring planted fields are expected to have lower yields and higher protein due to environmental stresses during grain fill.
- **Wheat Data:** The first 50 samples are in the lab for testing. Early weighted average data indicate an average SW crop with lower protein and higher test weight compared to last year. The average kernel size is good at 2.7 mm. Wheat ash content is 1.31% (14% mb) and wet gluten is 18.6% (14% mb). The current grade is a U.S. No. 1.
- **Weather:** Hot, dry conditions are expected to continue with isolated chances for precipitation.
- **Disease/Pest Pressure:** There have been isolated reports of disease pressure.

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	50	390	8.0	8.9	10.1	0.4	34.8	320	1 SW	61.7	81.2	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:** Harvest is underway in South Dakota (8% per USDA), Minnesota (2%) and Montana (2%), and 1-2 weeks away in North Dakota.
- **Crop Conditions:** Early reports from South Dakota indicate yields of 50-80 bu/acre. In Minnesota, the crop is ripening well, with test cutting underway on early planted fields; high yields are projected. North Dakota is also expected to have record high yields though prolonged heat and dryness may reduce top yield potential in western areas. Test cutting has started in Montana, where lower yields, higher protein and darker vitreousness is expected.
- **Disease/Pest Pressure:** Producers are watching for and managing foliar diseases in areas that experienced wet spring temperatures and high humidity.
- **Weather:** Hot, dry conditions are expected to continue in the days ahead.

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					
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:** Test cutting of the 2024 durum crop has started in Montana with 2% harvested according to the USDA.
- **Crop Conditions:** Crop conditions are holding steady with Montana rated 61% good to excellent and North Dakota 86%. High yields are projected for North Dakota though extended heat in western areas could reduce top yield potential. In Montana, the crop is expected to be good quality, but with a hotter and drier growing season, yields are projected to be lower and protein and HVAC content higher.
- **Weather:** Hot and dry conditions 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					
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:

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| <ul style="list-style-type: none"> • News Colorado Wheat • Harvest Kansas Wheat • News Plains Grains • Harvest Updates Texas Wheat • Weekly Wheat Update ND Wheat Commission | <ul style="list-style-type: none"> • News Idaho Wheat • News WA Grains • SD Wheat • News Maryland Grain Producers |
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