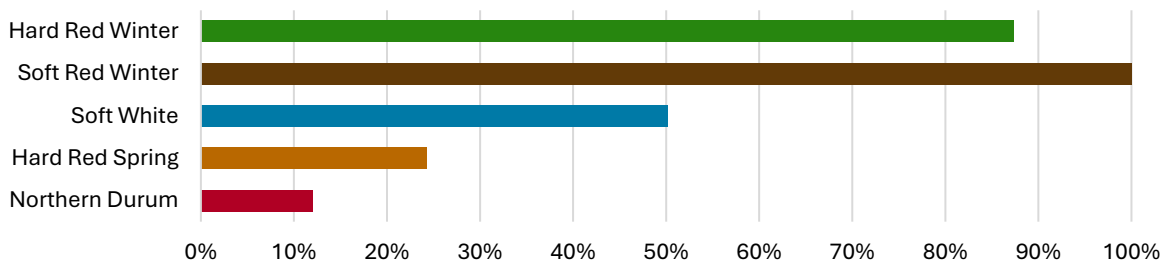




WEEKLY HARVEST REPORT – August 16, 2024

The HRW harvest moved close to 90% complete this week with good crop quality. Close to half of the SW crop is in the bin, with protein, moisture and test weights looking very good. Precipitation caused isolated delays in HRS harvest progress this week. Meanwhile, the durum wheat crop is approaching maturity, with test cutting underway in North Dakota. USDA estimates winter wheat production at 1.29 billion bushels (35.2 MMT), an increase of 1% from last month.

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



HARD RED WINTER

- **Crop Progress:** The 2024 HRW harvest is progressing with less than 15% of the crop remaining. There are a few fields in South Dakota to cut, and warm conditions are helping push HRW harvest in the Pacific Northwest. USDA currently estimates total U.S. HRW production at 776 mil bu (21.1 MMT), up 2% from July and up 23% from last year.
- **Crop Conditions:** South Dakota reports very good to excellent yields, while Montana’s yields have been variable. Farmers in Wyoming and South Dakota farmers are preparing for fall planting in the next couple of weeks; both states have recently received good moisture for seeding.
- **Wheat Data:** There are 480 samples in the lab for testing. Unweighted test results this week did not change overall wheat and grade factors for the HRW crop, with new data continuing to indicate higher falling numbers, higher test weight and lower protein compared to last year.
- **Flour Data:** Initial testing of the first 20 composite samples from Texas and Oklahoma show an average lab milling flour yield of 75% (tempered wheat basis) and a flour ash of 0.52 (14% mb). These same composites showed an average farinograph development time of 4.5 mins, stability time of 7.9 mins, and 59% absorption, indicating the need for monitoring when mixing. Pup loaf results are expected next week.
- **Weather:** Isolated rain potential and warming temperatures 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/ht				
This Week	480	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	469	500	11.1	12.0	13.6	0.6	29.4	363	1 HRW	60.9	80.1	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

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

FN = Falling Number
FM = Foreign Material

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

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:** The SW harvest continues at a fast pace with approximately 66% of the winter crop harvested and 35% of the spring crop harvested. USDA currently estimates total U.S. SW production at 258 mil bu (7.0 MMT), up 3% from July and up 18% from last year.
- **Crop Conditions:** Idaho representatives report the winter wheat crop “looks really good” with high yields, good test weights and low proteins. Idaho’s spring wheat harvest is underway with good test weights reported but lower yields due to dryness as the crop developed.
- **Wheat Data:** An additional 87 samples arrived for testing with limited to no change to this week’s weighted averages. Wheat moisture continues to trend low at 8.5%. Wheat content 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 but expected because of low protein content. Thousand kernel weight of 34.5 grams is in line with the 5-year average. With a test weight of 61.1 lb/bu (80.3 kg/hl) and low kernel defects, the current grade is a U.S. No. 1.
- **Weather:** Hot temperatures continue, and chances of rain are very low into the coming week, allowing good 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 %
	Tested	Expected								lb/bu	kg/hl				
This Week	220	390	8.5	9.2	10.1	0.5	34.5	321	1 SW	61.1	80.3	0.1	0.0	0.5	0.6
Last Week	133	390	8.1	9.2	10.1	0.4	34.3	318	1 SW	61.3	80.6	0.0	0.0	0.5	0.5
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:** Approximately 24% of the U.S. HRS crop is now harvested with South Dakota furthest along at 54% complete, followed by Montana 22%, North Dakota 12% and Minnesota 9%. USDA currently estimates total U.S. HRS production at 499 mil bu (13.6 MMT), down 7% from July but up 6% from last year.
- **Crop Conditions:** South Dakota reports variable yields with an overall average of 50 bu/acre (3.4 tons/ha). Untimely rains in North Dakota’s central and eastern areas have slowed harvest, while the western region stayed dry. Early

expectations are that the average crop protein will be 13% (12% mb). Montana's yields are variable, with reduced yields and lighter test weights due to summer drought conditions. NDSU plans to release preliminary sample data next week.

- **Disease/Pest Pressure:** Producers are watching for and managing foliar diseases in areas that experienced wet spring temperatures and high humidity.
- **Weather:** Heavy precipitation fell in isolated areas of North Dakota this week. Drier conditions and warming temperatures 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 %	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:** North Dakota’s crop is 90% colored and 35% matured, while Montana’s crop is 93% colored and 24% harvested. Test cutting is underway in North Dakota with good early reports. USDA currently estimates total U.S. durum production at 76 mil bu (2.09 MMT), down 16% from July but up 23% from last year.
- **Crop Conditions:** According to USDA, durum crop conditions in North Dakota have improved, with 87% of the crop rated good to excellent—an increase from the previous week. Montana's crop ratings declined, with 55% rated good to excellent. Representatives from Montana report low yields and test weights, but good vitreous color. Reports from North Dakota note that proteins range between 13-15% (12% mb) with better-than-expected vitreousness.
- **Weather:** Regional precipitation missed the durum growing region as conditions continue to be dry.

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:

- [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](#)