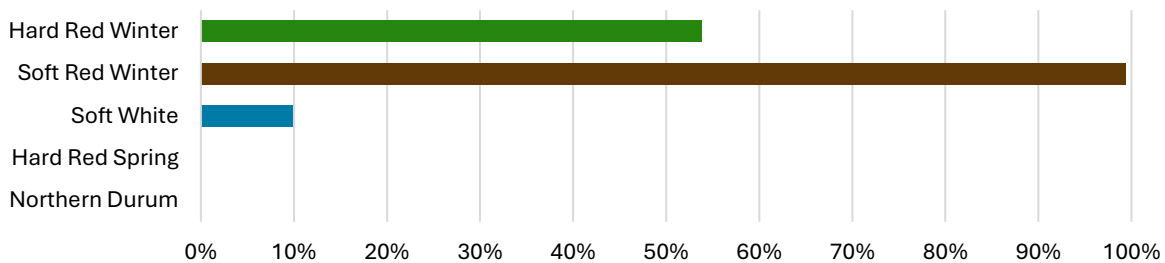




## WEEKLY HARVEST REPORT – July 26, 2024

The HRW harvest is moving north with quality data holding steady. The final 2024 SRW harvest report this week includes flour, dough properties and baking evaluation data. SW harvest continues apace under hot, dry conditions; this is expected to be a typically good SW crop with low protein, low moisture and good test weight. The HRS and Northern durum crops are advancing steadily in very good condition.

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 now complete from Texas to Kansas where farmers are preparing for fall seeding. Harvest in Colorado and Nebraska should be wrapped up next week, while harvest progress from Wyoming to the PNW ranges from 3% to 35% complete. In Montana, the crop is rapidly maturing as harvest begins.
- Crop Conditions:** Producers in Nebraska and Wyoming report good yields and test weights. Areas of Nebraska that received recent moisture are seeing slightly lighter test weights and lower proteins, though both are still good. South Dakota producers report better than expected yields and good quality. In Montana, early reported yields are 60 bu/acre with 61.5 lb/bu test weight.
- Wheat Data:** This week includes analysis of 434 samples from Texas, Oklahoma, Kansas, Colorado and Nebraska. Kernel data reflect a lower percentage of large kernels (67.3%) than last year (69.5%). Kernel hardness (60.7) is higher than last year (57.1) but slightly softer than the 3-year average (61.0). Test weight is averaging 61.1 lb/bu (80.4 kg/hl), falling number is 359 seconds and protein content is 12.2% (12% mb). The HRW crop currently grades a U.S. No. 1. Early milling data is expected in 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	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
Last Week	400	500	11.3	12.1	13.8	0.6	29.5	365	1 HRW	60.8	80.0	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

- Wheat Data:** The lab has received and graded all 2024 SRW samples with the final average grade U.S. No. 2. Final non-weighted protein is 9.7% (12% mb), falling number is 316 seconds, 1000 kernel weight is 32.8 grams and test weight is 59.1 lb/bu (77.7 kg/hl).
- Flour Data:** Of composites tested compared to 2023, lab mill extraction is higher at 69.8%, flour ash is similar at 0.43% and damaged starch is slightly higher at 3.51%. Farinograph absorption is similar to last year at 52.4%. Average bread volume is 60 ccs higher than last year. The cookie ratio (width/thickness) is currently 8.88 compared to 9.92 in 2023. Composite testing will continue with final results made available by September.

This is the final SRW 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	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 is pushing forward in lower, warmer elevations. As of July 22, SW winter wheat harvest is 35% complete in Oregon, 10% in Washington and 7% in Idaho. SW spring harvest is just underway in Oregon at 6% harvested and 1% in Washington. The first quality data will be published next week.
- Crop Conditions:** Following dry conditions and above average temperatures, NASS ratings decreased slightly this past week with the SW winter wheat crop rated 57% good to excellent, down from last week’s 60%, while the SW spring wheat crop is rated 50% good to excellent, down from last week’s 58%. State sources in Idaho and Oregon report yields are above average. In Oregon, test weights are strong, and quality is good; protein is expected to be lower than average.
- Weather:** Temperatures will still be high but more normal following a severe heat wave. 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				
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:** More than 90% of the HRS crop is headed out and Montana’s fields are rapidly turning color. Harvest of the 2024 HRS crop is not expected to begin for 2-3 weeks.
- **Crop Conditions:** Scouts on the 2024 Wheat Quality Council Hard Red Spring and Durum Tour saw a uniform crop that has an estimated [yield potential of 54.5 bu/acre](#). This is projected to be a bumper crop for North Dakota, but state sources are concerned about disease pressure due to ample spring rains. Hot temperatures over the next week will also be a concern for later planted fields. Lower yields are expected in South Dakota due to dryness. In Montana, state sources report that lower yields, high protein and high DHV content are anticipated.
- **Disease/Pest Pressure:** Producers are watching for and managing foliar diseases in areas that experienced wet spring temperatures and high humidity.
- **Weather:** Average to above average temperatures and a chance of rain are expected through the weekend with next week turning hot. In Montana, hot, dry conditions are expected to trend cooler 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:** The northern durum crop is progressing ahead of average levels: 90% has headed out, up from 82% a week ago and 40% of the crop is colored.
- **Crop Conditions:** Crop conditions are holding steady with Montana rated 61% good to excellent and North Dakota crop 88%. After a cool, wet spring, NASS is projecting record yields for North Dakota, which may impact protein content and vitreous levels. The Montana crop is expected to be good quality, but with a hotter and drier growing season, yields are projected to be lower and protein and DHV content higher.
- **Weather:** Like HRS, average to above average temperatures and a chance of rain are forecast. Hotter temperatures are expected 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					
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](#)

Legend: Protein = 12% Moisture Basis  
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S&B = Shrunken and Broken  
n/a = not available