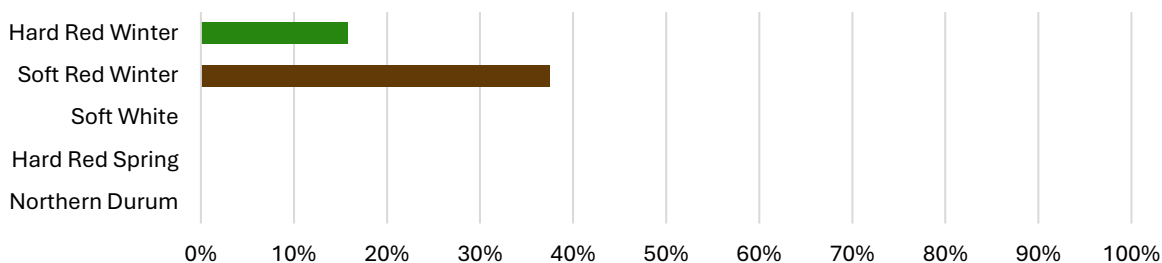




## WEEKLY HARVEST REPORT – June 21, 2024

Combines are moving again after heavy rain slowed HRW harvest progress from Texas to Kansas; 85 samples are now in the lab. Record breaking high temperatures are being set across the Eastern U.S., accelerating SRW harvest and crop maturity. The HRS, SW and northern durum crops look promising under mostly favorable weather conditions.

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



### HARD RED WINTER

- Crop Progress:** Harvest is progressing after widespread, heavy rains from Texas through western Kansas. Producers have harvested 16% of the HRW crop: 63% in Texas, 83% in Oklahoma and 28% in Kansas, with test cutting underway in Colorado and Nebraska.
- Crop Conditions:** The HRW crop’s rating is 54% good to excellent as of June 17. Oklahoma representatives report overall good quality and protein with test weights averaging 60 lb/bu (78.9 kg/hl). Test weights and top yield potential are expected to decline in areas impacted by recent heavy rains in the Southern Plains.
- Wheat Data:** There are 85 samples from Texas and Oklahoma in the lab undergoing analysis. So far, kernels are larger and harder than last year, test weights are higher than average, and protein is lower than average; data is expected next week. Early reports from the domestic milling industry indicate they are pleasantly surprised by this year’s HRW milling characteristics, protein quality and baking characteristics.
- Weather:** Forecasters predict moderate to heavy rains for the upper Midwest into the Northern Plains, which will benefit crop development. Hot and windy conditions are forecast for the Southern Plains, which will help dry out fields and aid harvest progress.
- Disease/Pest Pressure:** Producers are closely monitoring isolated reports of disease and pest pressure, including stripe rust, wheat streak mosaic virus and sawfly.

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	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**

- **Crop Progress:** Combines are moving in all SRW sampled states, with 37% of the harvest complete: Alabama, Arkansas, Illinois, North Carolina and Tennessee have harvested more than 50%. The Ohio harvest is underway, where industry sources report this is the earliest the state has begun since the 1990s.
- **Crop Conditions:** SRW conditions remain steady, with ratings between 61% and 85% good to excellent across the growing region. In Maryland, yields are better than expected (80-90 bu/ac) though lower than last year’s record harvest. In Ohio, yields are lower than expected due to early spring heat reducing top yield potential. Hot, dry temperatures across the growing region have pushed the crop to maturity, well ahead of average.
- **Wheat Data:** An additional 56 samples were analyzed this week, bringing the total to 87. The 1000 kernel weight average is lower than last year and the 5-year average. Protein is higher than average while falling number is lower.
- **Weather:** A heat dome is covering the Eastern U.S. and is expected to persist into next week. This, along with below normal rainfall, is depleting soil moisture and expanding drought conditions.
- **Disease/Pest Pressure:** Isolated reports of disease pressures have emerged, including vomitoxin (DON) and fusarium head blight. Quality issues are being closely monitored.

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				
<b>This Week</b>	87	300	12.7	10.3	11.6	0.3	31.0	307	2 SRW	59.3	78.0	0.3	0.4	0.6	1.3
<b>Last Week</b>	31	300	12.9	10.4	11.8	0.3	30.7	306	2 SRW	59.3	78.0	0.3	0.4	0.6	1.3
<b>2023 Final</b>	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
<b>5-year Avg</b>	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:** Crop heading continues to make steady progress, with the SW winter crop at 83% headed and the spring crop 28% headed.
- **Crop Conditions:** The PNW experienced pockets of regional frost earlier this week with no reported damage in Washington or Idaho. Isolated reports of frost damage were reported in Oregon; overall the state yields are expected to be average to above average. In northern Idaho, producers report the crop looks good and is thriving.
- **Weather:** The PNW experienced unseasonably cool weather and sporadic precipitation earlier this week. Hot and dry weather is 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/hl				
<b>2023 Final</b>	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
<b>5-year Avg</b>	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:** HRS planting is now complete; the crop is 96% emerged and 4% headed.
- **Crop Conditions:** Crop condition ratings remain high with North Dakota rated 82% good to excellent, 83% in Minnesota, 68% in South Dakota and 70% in Montana.
- **Weather:** Heavy rainfall fell across much of the growing region, replenishing soil moisture, while normal to below normal temperatures have benefitted crop development. Heavy to excessive rain is forecast for South Dakota and Minnesota.
- **Disease/Pest Pressure:** There are reports of stem saw fly, stripe rust and tan spot, however, these are isolated, and producers are monitoring.

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 100% planted. Emergence is 75% in North Dakota and 97% in Montana, ahead of last year and the 5-year average.
- **Crop Conditions:** Montana crop conditions increased again this week to 60% good to excellent; the North Dakota crop is 87% good to excellent where state representatives report the crop is in great condition.
- **Weather:** The region experienced widespread precipitation and mild temperatures, aiding crop development.

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  
TKW = 1000 Kernel Weight

FN = Falling Number  
FM = Foreign Material

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