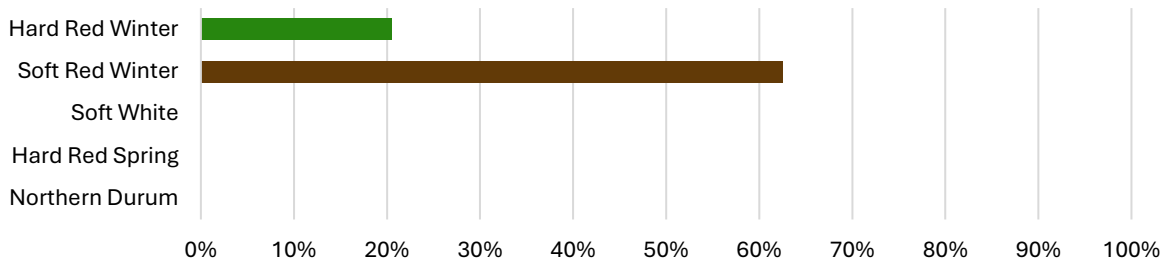




WEEKLY HARVEST REPORT – June 28, 2024

Producers are pushing forward with HRW harvest as unsettled weather is forecast; the first analysis from 195 samples is available this week. SRW harvest is quickly progressing with data from 145 samples. HRS and northern durum crops have fully emerged and look good overall. The PNW SW crop remains in good condition and is turning color.

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



HARD RED WINTER

- Crop Progress:** Texas and Oklahoma producers are making progress after last week’s rain delays; the states are 74% and 95% harvested, respectively. In Kansas, the crop is 53% complete as harvest shifts north. Colorado is 1% harvested, Nebraska 5%, and test cutting has begun in Oregon. In Montana, state representatives report the crop is 7-10 days ahead of normal, and with timely rains and good varieties, is expected to be above average.
- Crop Conditions:** The HRW crop ratings are holding steady at 57% good to excellent. Overall, producers report variable, but better than expected yields.
- Wheat Data:** There are 195 samples in the lab undergoing analysis. Preliminary data continue to show larger kernel size and slightly harder kernel compared to last year, with an average test weight of 61.7 lb/bu (81.2 kg/hl) and average falling number of 336 seconds. Average protein is down slightly from last year at 12.0% (12% mb), though trends higher in drought stressed areas.
- Weather:** Hot, windy conditions prevailed this week in the Southern Plains. Forecasters predict unsettled weather patterns through early next week from Kansas to Wyoming.
- 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				
This Week	195	500	11.3	11.9	13.5	0.7	30.4	337	1 HRW	61.7	81.2	0.2	0.2	0.7	1.1
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:** SRW harvest is rapidly progressing at 63% complete as of June 24, well ahead of last year and the 5-year average. Producers have been delayed by recent storms in Ohio and Indiana. Elsewhere, hot, dry conditions continue to push the crop to maturity.
- **Crop Conditions:** This week’s NASS report indicated crop conditions remain steady with ratings between 61% and 82% across the growing region. In Maryland, state representatives report producers are pleasantly surprised with yields considering dry conditions during grain fill.
- **Wheat Data:** There are 145 samples in the lab undergoing analysis. Protein at 10.0% (12% mb) is higher than last year and the 5-year average. Test weight and 1000 kernel weight are lower than average. Falling number remains good at 312 seconds, in line with the 5-year average.
- **Weather:** Hot, dry conditions continue in the Eastern U.S., 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				
This Week	145	300	12.8	10.0	11.4	0.3	32.2	312	2 SRW	59.1	77.8	0.2	0.2	0.5	0.9
Last Week	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
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:** Crop heading continues to make steady progress, with the SW winter crop at 91% headed and the spring crop 43% headed. In Idaho, fields are starting to turn color and harvest is expected to begin mid-July.
- **Crop Conditions:** Latest NASS report rates the SW winter crop at 63% good to excellent and spring crop 57%. State representatives report the crop looks good with average to above average yields expected.
- **Weather:** The PNW experienced isolated precipitation this past 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				
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

- **Planted Area:** USDA estimates that farmers planted 10.6 million acres (4.29 million hectares) of HRS, a 6% increase over last year.
- **Crop Progress:** The U.S. HRS crop is 25% headed; by state, South Dakota is 44% headed, Minnesota is 25%, Montana is 16%, and North Dakota is 11%.
- **Crop Conditions:** Crop condition ratings have decreased slightly, but remain high overall, with North Dakota rated 72% good to excellent, 81% in Minnesota, 78% in South Dakota and 66% 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. More rain is forecast for the Northern Plains.
- **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

- **Planted Area:** USDA estimates that farmers planted 2.1 million acres (0.8 million hectares) of northern durum this spring, a 23% increase over last year.
- **Crop Progress:** The northern durum crop is 100% emerged. Heading is 4% in North Dakota and 1% in Montana.
- **Crop Conditions:** Montana crop conditions are holding steady at 59% good to excellent; the North Dakota crop is 76% good to excellent. Overall, state representatives report the crop looks good and is developing at an average to above average pace.
- **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