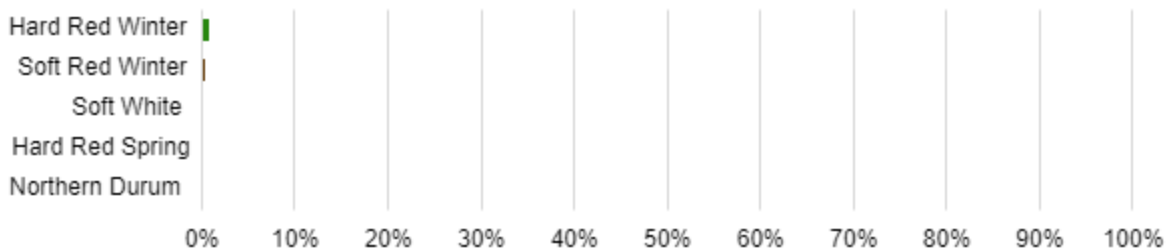




WEEKLY HARVEST REPORT – May 31, 2024

Welcome to the second Harvest Report for the 2024/25 U.S. wheat crop. The 2024 hard red winter (HRW) harvest is well underway in the South, Southeast, Texas, and Oklahoma. Test cutting has started in south-central Kansas but recent rain has slowed progress. Spring wheat planting made good progress and is at least 84% complete. First samples of soft red winter (SRW) are expected soon for initial testing.

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



HARD RED WINTER

- **Planted Area:** USDA estimates HRW planted area at 24.3 million acres (9.8 million hectares) and forecasts HRW production to be up 17% from last year at 19.2 MMT (705 million bushels).
- **Crop Progress:** Overall the crop is well ahead of average with roughly 90% headed. Harvest progress remains slow due to rain and industry representatives suggest harvest will pick up if dry forecasts are realized.
- **Crop Conditions:** According to USDA estimates, good to excellent condition ratings in HRW states has declined in late May to a low of 32% in Kansas to 71% in Nebraska. Recent rain in the Central Plains may help increase yield potential before harvest.
- **Weather:** Severe storms with some hail have hampered harvest progress. Southeastern Colorado and southwestern Kansas remain quite dry and some abandonment is expected in that region. Elsewhere a rainy pattern in the Central and Northern Plains is expected to yield to drier conditions that will speed development.

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 are on the following sampled states only: CO, ID, KS, MT, NE, OK, OR, SD, TX, WA, WY. Table data source: Plains Grains, Inc.

SOFT RED WINTER

- **Planted Area:** USDA estimates that farmers planted 6.3 million acres (2.5 million hectares) of SRW last fall. USDA estimates SRW production at 9.4 MMT (344 million bushels), down 23% from last year.
- **Crop Progress:** In areas except the north, more than 88% of the SRW crop is headed. Yield potential remains strong from Illinois to Ohio. Gulf tributary samples are being collected in Alabama this week.

- **Crop Conditions:** USDA estimates more than 65% of the SRW wheat crop is in good to excellent condition. Overall yield potential is above average and industry is waiting to hear about disease pressure.
- **Weather:** Rain has slowed progress but warmer, drier conditions are expected.

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	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 are on the following sampled states only: AL, AR, IL, IN, KY, MD, MO, NC, OH, TN, VA. Table data source: Great Plains Analytical Laboratory.

SOFT WHITE

- **Planted Area:** Based on USDA estimates, farmers planted 3.59 million acres (1.45 million hectares) of white wheat last fall and 0.60 million acres (0.24 million hectares) this spring. USDA estimates SW winter wheat production at 5.7 MMT (211 million bushels).
- **Crop Progress:** The PNW winter crop is maturing at an above-average rate except in Idaho where cold weather has slowed progress. The spring crop is near 100% planted with emergence well ahead of the 5-year average.
- **Weather:** Washington remains very dry where winter SW is 3% excellent and 48% good. Substantial rain is needed soon to help with yield potential and quality.

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 are on the following sampled states only: ID, OR, WA. Table data source: Wheat Marketing Center.

HARD RED SPRING

- **Planted Area:** USDA’s March 31 forecast estimates that planted acres for HRS wheat will be 10.7 million acres (4.3 million hectares), a 1% increase from 2023.
- **Crop Progress:** HRS planting moved from 54% to more than 85% of the crop planted as of May 28 with emergence in the Northern Plains running close to the 5-year average. Industry representatives are optimistic about the 2024 crop after seeing needed moisture.
- **Weather:** The weather has remained quite cool in May which is expected to support positive yield potential.

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 are on the following sampled states only: MN, MT, ND, SD. Table data source: North Dakota State University, Hard Red Spring Wheat Quality Laboratory

NORTHERN DURUM

- **Planted Area:** As of March 31, USDA anticipates a 22% increase in northern durum planted area from 1.61 million acres (0.65 million hectares) in 2023 to 1.95 million acres (0.79 million hectares) in 2024. If USDA’s acreage forecast is realized, this will be the highest planted durum area since 2018.
- **Crop Progress:** Northern durum planting and emergence is similar to HRS progress.
- **Weather:** Cool conditions have persisted through May, a potential benefit to yield potential.

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 are on the following sampled states only: 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](#)