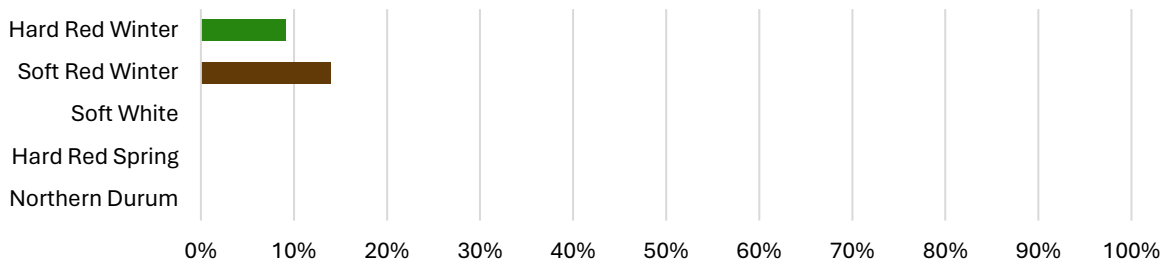




WEEKLY HARVEST REPORT – June 14, 2024

USDA estimates winter wheat production at 1.29 billion bushels (35.2 MMT), an increase of 1% from last month; spring and durum wheat production estimates are expected in July. Hot weather is accelerating HRW harvest and crop maturity; the first 45 HRW samples from Texas and Oklahoma have arrived at the lab for testing. The SRW harvest is 14% complete and preliminary data is included in this week’s report. The HRS and durum crops have mostly emerged and are in excellent condition so far. The PNW SW crop is progressing and looks healthy.

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 progressed into parts of central Kansas this week. Harvest is slower in parts of the southern Plains that have received more moisture. Harvest progress stands at 47% in Texas, 48% in Oklahoma and 5% in Kansas. Harvest is expected to begin in Nebraska in 7-10 days and 10-14 days in Colorado. USDA currently estimates hard red winter production at 726 mil bu (19.8 MMT), up 3% from May and up 21% from last year.
- Crop Conditions:** HRW crop conditions are holding steady with 55% of the crop in good to excellent condition. By state, conditions are variable from 30% good to excellent in Texas to 74% in South Dakota. The first 45 samples are from Texas and Oklahoma. Very early data indicate a higher test weight, greater 1000 kernel weight and lower protein compared to last year. Kernels from these early samples are slightly softer than last year.
- Weather:** The warming trend will continue for the entire HRW growing region, pushing crop development. Extremely hot temperatures of 100°F+ (38°C+) with isolated chance for precipitation are forecast.
- Disease/Pest Pressure:** Minimal disease and pest pressures have been reported, including stripe rust and sawfly. Quality issues are isolated and 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				
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

- **Crop Progress:** With the SRW crop nearly 100% headed, harvest progressed across the region this past week. States are reporting anywhere from 10% to 34% harvest completion. Harvest is expected to start in Maryland and southern Ohio in the next 7-10 days. USDA estimates that SRW production will be 342 mil bu (9.3 MMT), similar to last month but down 26% from last year.
- **Crop Conditions:** According to USDA, 76% of the crop is in good to excellent condition. The East Coast states range from 68% to 82% good to excellent and the Gulf region range from a low of 61% in Arkansas to 83% in Alabama and Virginia.
- **Wheat Data:** The first 31 samples are from Arkansas, North Carolina, Tennessee and Virginia. Very early data indicate a slightly lower test weight compared to last year, with an average protein of 10.4% (12% mb), 1000 kernel weight of 30.7 g and falling number value of 306 sec.
- **Weather:** Temperatures have been above normal across the Eastern U.S., with measurable rainfall in Missouri, Kentucky and Alabama. A cold front with unsettled weather is expected this weekend with hot temperatures returning next week.
- **Disease/Pest Pressure:** Isolated disease pressures have been reported, 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	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
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

- **Crop Progress:** Roughly 65% of the Oregon crop is headed, while 53% is in Washington and 22% in Idaho. Overall, crop progress is similar to or ahead of last year and the 5-year average. USDA currently estimates soft white winter production at 209 mil bu (5.7 MMT), a 1% decrease from May.
- **Crop Conditions:** The PNW soft white crop is rated 61% good to excellent, a slight increase from last week. Industry representatives report that overall, the crop looks healthy and recent moisture helped crop development.
- **Weather:** Temperatures are trending average to above average, with limited chance for precipitation 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 are on the following sampled states only: ID, OR, WA. Table data source: Wheat Marketing Center.

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

FN = Falling Number
FM = Foreign Material

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

HARD RED SPRING

- **Crop Progress:** The last fields of spring wheat are being planted with USDA estimating 98% completion. Favorable weather conditions have aided emergence, which is pegged at 91%.
- **Crop Conditions:** The crop in North Dakota is rated 79% good to excellent, 74% in Minnesota, 68% in South Dakota and 61% in Montana. Subsoil moisture is 74% adequate in North Dakota and Minnesota and 65% in South Dakota while conditions are drier in Montana at 47% adequate. While abnormally dry conditions are expanding in South Dakota and Montana, state representatives report that the crop looks good overall.
- **Weather:** Sporadic rains fell over the growing region last weekend. The cooler, wetter weather will start trending warmer and drier this weekend with isolated rain chances.
- **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 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

- **Crop Progress:** The northern durum crop is nearly 100% planted. Emergence is 75% in North Dakota and 97% in Montana, ahead of last year and the 5-year average.
- **Crop Conditions:** Conditions of the Montana crop increased this week to 51% good to excellent; the North Dakota crop is holding steady at 91% good to excellent. State representatives report that the crop looks good so far but as conditions turn drier, the crop will need moisture for optimal crop development.
- **Weather:** Like HRS, temperatures will start trending warmer with less chance of precipitation.

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](#)