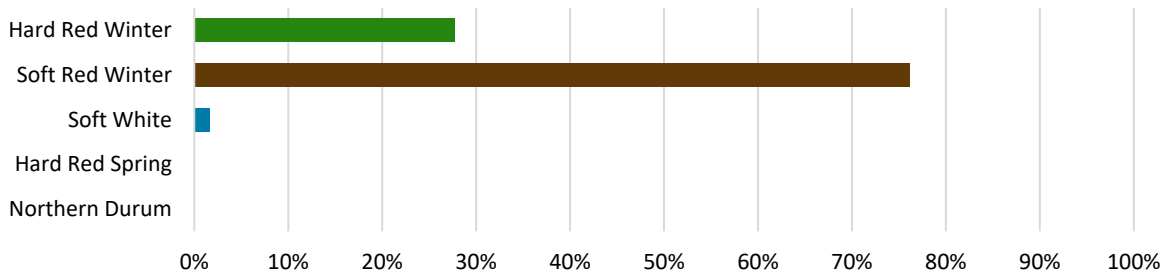




WEEKLY HARVEST REPORT – July 9, 2021

Despite delays due to rain and humidity, HRW harvest is now progressing in 8 states with 188 samples in the lab for testing. With favorable weather, the SRW harvest is nearly 80% complete. The PNW continues to trend hot and dry as harvest begins on SW winter wheat. The HRS crop continues to mature at a faster than normal pace as the region struggles with prolonged drought. The northern durum growing region also needs rain.

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



HARD RED WINTER

- **Crop Progress:** Harvest progress was slow this week with scattered rains and high humidity; 28% of the sampling area is harvested. Remaining acres in Texas and Oklahoma will likely go to feed channels due to potential quality issues. By state: Texas 92%; Oklahoma 95%; and Kansas 73%; Colorado 11%; Nebraska 16%; South Dakota 8%; and Oregon and Idaho are 5% or less harvested.
- **Crop Conditions:** USDA’s HRW crop condition ratings held steady this past week with 36% of the crop rated good to excellent. The lack of moisture and heat continues to stress the crop in the northern and PNW growing regions.
- **Weather:** The Great Plains are experiencing scattered precipitation and high humidity, while high temperatures, no precipitation, and wildfires are trending in the PNW.
- **Wheat Data:** There are 188 samples from Texas, Oklahoma and Kansas in various stages of testing. Thus far, moisture is lower than last year while 1000 kernel weight is higher. Test weights are strong but trending lower due to precipitation.

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	188	500	10.8	11.0	12.5	0.5	32.3	283	1 HRW	62.0	81.5	0.4	0.3	0.8	1.5
Last Week	146	500	10.5	11.2	12.7		32.6	286	1 HRW	63.2	83.1				
2020 Final	431	500	10.9	11.9	13.5	0.5	31.6	367	1 HRW	61.7	81.1	0.2	0.2	1.1	1.5
5-year Avg	486	493	11.0	11.6	13.2	0.6	32.3	377	1 HRW	60.9	80.1	0.1	0.2	0.9	1.2

Note: HRW averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date.

Data Source: Plains Grains, Inc.

Legend:

Protein = 12% Moisture Basis
TKW = 1000 Kernel Weight

FN = Falling Number
FM = Foreign Material

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

SOFT RED WINTER

- **Crop Progress:** Harvest progressed rapidly through the region with approximately 20% of the sampled crop remaining.
- **Crop Conditions:** This week’s NASS report indicated the crop ranged from 48% good to excellent in North Carolina to 78% in Indiana. Overall, the 2021 SRW crop is expected to be [high yielding and average to good quality](#).
- **Weather:** Much of the growing region experienced favorable weather this past week though significant amounts of rain fell in Missouri and Indiana.
- **Wheat Data:** Testing has been completed on 182 samples from across the region with little to no change in overall data. Falling number value is slightly lower than 2020 but is recovering with samples from drier areas.
- **Flour Data:** Very early flour data has shown a decrease in lab milling yield for North Carolina and Tennessee compared to last year, but higher for Kentucky. Thus far, farinograph absorption is slightly lower than last year with equal to slightly lower bake volumes; internal bread scores are slightly lower; and the cookie W/T has been equal to slightly higher.

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	182	300	13.5	9.4	10.7	0.3	34.6	290	2 SRW	59.5	78.3	0.1	0.6	0.6	1.3
Last Week	135	300	13.4	9.4	10.7	0.3	34.6	286	2 SRW	59.5	78.2	0.2	0.7	0.5	1.3
2020 Final	191	300	13.3	9.4	10.6	0.3	33.5	319	2 SRW	59.5	78.3	0.1	0.4	0.5	0.9
5-year Avg	320	339	12.6	9.6	10.9	0.4	32.0	313	2 SRW	58.2	76.6	0.1	0.9	0.6	1.5

Note: SRW averages in the weekly harvest report are simple averages of all samples tested and have not been weighted by the estimated production for each of the 18 reporting areas.

Data Source: Great Plains Analytical Laboratory

SOFT WHITE

- **Crop Progress:** The entire SW crop is headed out in Oregon and Washington while 78% is in Idaho. In the drier areas, winter wheat harvest is underway with Oregon at 5%, Idaho 4% and Washington 1%.
- **Crop Conditions:** Only 17% of the PNW soft white crop is rated good to excellent, down from last week. With compounding pressures from drought and heat, producers expect below average yields and above average protein.
- **Weather:** Last week’s historic heat wave further stressed the crop as temperatures are expected to remain above average with no precipitation forecast. There are an increasing number of wildfires reported as drought continues in the region.

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				
2020 Final	389	390	9.2	9.8	11.1	0.5	36.3	323	1 SW	61.9	81.4	0	0	0.4	0.5
5-year Avg	443	394	9.3	9.8	11.1	0.5	36.0	319	1 SW	61.4	80.7	0.0	0.0	0.5	0.6

Note: SW averages in the weekly harvest report are weighted for production. Results shown represent tested samples collected to date.

Data Source: Wheat Marketing Center

HARD RED SPRING

- **Crop Progress:** The HRS crop continues to head out (70%) at a faster pace than normal.
- **Crop Conditions:** The major HRS producing states saw another decline in crop condition ratings this past week – from 20% to 16% in good to excellent condition – the lowest in decades, raising abandonment, yield and quality concerns. Producers report some fields look good, depending on planting date and moisture received.
- **Diseases/Pest Pressure:** Grasshoppers and sawfly have been noted and are being monitored.
- **Weather:** This week’s rain and cooler weather will help stabilize crop conditions. Average temperatures with little to no precipitation are forecast.

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

FN = Falling Number
FM = Foreign Material

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

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					
2020 Final	475	451	11.9	14.4	16.4	0.7	31.8	390	1 NS	61.6	81	0	0.5	0.6	1.1	67
5-year Avg	472	465	12.1	14.5	16.5	0.7	32.0	401	1 DNS	61.2	80.4	0.0	0.2	0.8	0.9	77

Note: HRS averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date.

Data source: North Dakota State University, Hard Red Spring Wheat Quality Laboratory

NORTHERN DURUM

- **Crop Progress:** The North Dakota crop is 47% headed out and Montana’s is 28%.
- **Crop Conditions:** Crop conditions declined this week with North Dakota 47% good to excellent and Montana 40%. Overall, the durum growing region continues to fare better than HRS because the crop was planted later and has seen more favorable moisture patterns. Farmers are expecting lower yields.
- **Weather:** Most of the growing region continues to experience above average temperatures and minimal 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					
2020 Final	102	120	10.9	13.6	15.5	1.1	46.4	418	1 HAD	61.9	80.6	0	0.7	0.6	1.3	88.8
5-year Avg	111	117	11.4	13.9	15.8	1.1	41.6	394	1 HAD	61.0	79.4	0.0	0.4	0.8	1.3	81.4

Note: Northern durum averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date.

Data source: North Dakota State University, Durum Wheat Quality Laboratory

RESOURCES		
<p>California Wheat Commission Laboratory</p> <p>Colorado Wheat Blog</p> <p>Great Plains Analytical Laboratory</p> <p>Kansas Wheat Harvest Update</p> <p>Montana Crop Progress Report</p> <p>Nebraska Crop Report</p>	<p>North Dakota Crop Progress Report</p> <p>Plains Grains Inc.</p> <p>South Dakota Wheat Outlook</p> <p>Texas Wheat Harvest Update</p> <p>Wheat Marketing Center</p>	<p style="text-align: center;">Questions?</p> <p>Please contact USW Director of Programs Erica Oakley at eoaklev@uwheat.org</p> <p>Subscribe here to receive this report by email</p> <p style="text-align: center;">www.uswheat.org Facebook Twitter LinkedIn Vimeo</p>