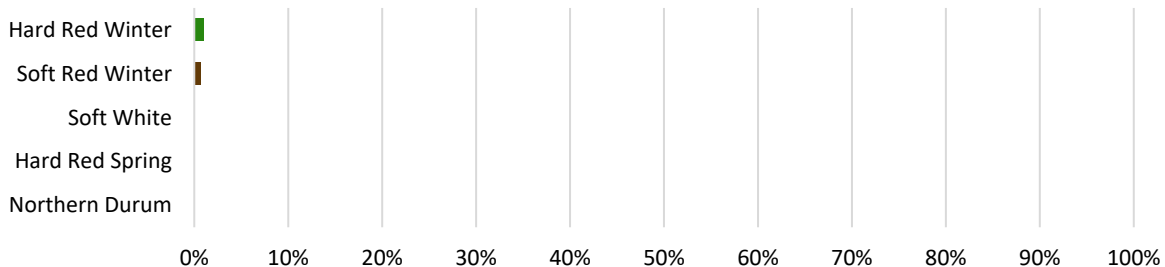




## WEEKLY HARVEST REPORT – May 28, 2021

Cool, wet temperatures are expected across much of the HRW growing region, delaying crop development and the Texas harvest. Drought conditions persist in the northern and PNW states. In Arkansas, 8% of the SRW crop is now harvested. Samples of HRW and SRW will begin arriving in the coming weeks; initial grade and crop quality data should be available early to mid-June.

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



### HARD RED WINTER

- **Crop Progress:** Weather delays have hindered HRW harvest progress; the Texas crop is now 12% harvested. An estimated 67% of the crop is headed and development is running 7-10 days behind average.
- **Crop Conditions:** USDA estimates 67% of the HRW wheat crop is in good to excellent condition. The cooler temperatures have aided kernel development.
- **Weather:** Temperatures across much of the growing region will stay cool and rainy. Minimal changes for moisture in the northern and PNW growing regions where rain is needed.
- **Disease/Pest Pressures:** Sporadic reports of disease and pest pressures have been noted in areas of excessive moisture. Disease pressure remains low in the growing region's drier areas.

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	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.

### SOFT RED WINTER

- **Crop Progress:** The Alabama crop is now 8% harvested. Heading is over 90% in most of the region with only Ohio and Indiana around 50%.
- **Crop Conditions:** According to USDA, nearly 70% of the crop is in good to excellent condition. The crop is beginning to color and expected to mature over the next few weeks.
- **Weather:** Below average temperatures and sporadic moisture is expected over the weekend across the southeast and mid-Atlantic.

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	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:** Most of the spring wheat crop has emerged. Winter crop heading is behind average in Washington and Idaho, but significantly ahead in Oregon.
- **Crop Conditions:** Drought continues to hinder crop conditions, especially in Oregon. About 34% of the soft white crop is rated good to excellent in Idaho and Washington.
- **Weather:** All three PNW states received sporadic moisture but continue to be in moderate to severe drought, with pockets of extreme drought.

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:** HRS planting has wrapped up in Minnesota and South Dakota; Montana is at 87% planted and North Dakota 94%. Emergence is ahead of the 5-year average with Minnesota 93% emerged, South Dakota 87% and Montana and North Dakota each at about 58%.
- **Crop Conditions:** The HRS crop varies from 31% good to excellent in North Dakota to 84% in Minnesota; spring wheat crop conditions are not yet available for Montana.
- **Weather:** South Dakota, Minnesota and Montana have received timely rains but most of the HRS production area remains in severe to extreme drought. Freezing temperatures are expected over the coming days.

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:** Northern durum planting made quick progress with North Dakota 78% complete and Montana 64% as of May 24. Emergence in North Dakota is up to 34% this week, about average.
- **Weather:** Conditions in the durum producing region are like spring wheat – dry soil and only isolated precipitation in small amounts. Drought conditions continue to dominate.

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

**GENERAL CROP CONDITION DEFINITIONS**

- **Very Poor** – Extreme degree of loss to yield potential, complete or near crop failure.
- **Poor** – Heavy degree of loss of yield potential which can be caused by excess soil moisture, drought, disease, etc.
- **Fair** – Less than normal crop condition. Yield loss is a possibility, but the extent is unknown.
- **Good** – Yield prospects are normal or above normal. Moisture levels are adequate with only light disease and insect damage.
- **Excellent** – Yield prospects are above normal, and crops are experiencing little or no stress.

**TOP AND SUB-SOIL MOISTURE DEFINITIONS (WITH TOP-SOIL DEFINED AS THE TOP 6 INCHES):**

- **Very Short** – Soil moisture supplies are significantly less than what is required for normal plant development. Growth has been stopped or nearly so and plants are showing visible signs of moisture stress. Under these conditions, plants will quickly suffer irreparable damage.
- **Short** – Soil dry. Seed germination and/or normal crop growth and development would be curtailed.
- **Adequate** – Soil moist. Seed germination and/or crop growth and development would be normal or unhindered.
- **Surplus** – Soil wet. Fields may be muddy and will generally be unable to absorb additional moisture. Young developing crops may be yellowing from excess moisture.

Source: [https://www.nass.usda.gov/Publications/National\\_Crop\\_Progress/Terms\\_and\\_Definitions/index.php#percents](https://www.nass.usda.gov/Publications/National_Crop_Progress/Terms_and_Definitions/index.php#percents)