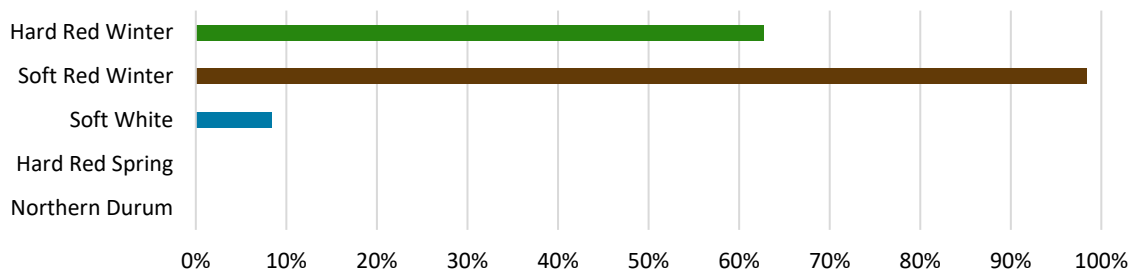




WEEKLY HARVEST REPORT – July 24, 2020

The HRW harvest progressed quickly this week with 284 new samples being tested; protein is holding steady at 11.8%. The SRW harvest is winding down and the crop currently grades as U.S. No. 2. Warmer, drier weather is forecast for HRS and northern durum growing regions. In the Pacific Northwest, the winter SW harvest is progressing with favorable weather.

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



HARD RED WINTER

- **Crop Progress:** The 2020 HRW wheat harvest is winding down in Colorado, Nebraska and Wyoming with irrigated fields remaining. Harvest is more than 50% complete in South Dakota and less than 10% in the Pacific Northwest. In Montana, early varieties are being harvested though most of the crop is 10-14 days from harvest.
- **Crop Conditions:** South Dakota industry reports exceptionally good yields, high test weights and high protein, an unusual combination within the same crop. In Washington and Idaho, the crop has had excellent grain filling conditions with high yields predicted. Oregon also predicts an average to above average yield and good quality.
- **Weather:** Favorable crop development and harvest conditions are expected into next week.
- **Wheat Data:** There are 284 new samples from Texas, Oklahoma, Kansas, Colorado and Nebraska being analyzed. Overall test weight did not change this week though 1000 kernel weight did drop due to some drought and freeze stressed samples. Protein holds steady at 11.8%.
- **Flour Data:** Mixograph testing of sub-samples indicates a crop with good quality protein.

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	284	500	10.9	11.8	13.4	0.5	30.0	369	1 HRW	61.3	80.6	0.2	0.2	1.2	1.6
Last Week	263	500	11.0	11.8	13.4	0.5	30.4	369	1 HRW	61.3	80.6	0.2	0.2	1.1	1.5
2019 Final	494	500	11.5	11.3	12.8	0.5	33.1	377	1 HRW	60.8	80.0	0.1	0.3	0.8	1.2
5-Year Avg	489	500	11.3	11.7	13.3	0.6	31.7	381	1 HRW	60.3	79.4	0.2	0.3	1.0	1.4

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:** 2020 SRW harvest is winding down with less than 5% remaining in North Carolina, Ohio, Illinois and Indiana.
- **Weather:** Harvest conditions have been much more favorable than last year overall, and continued this past week.
- **Wheat Data:** The additional samples analyzed this week have not altered cumulative protein, 1000 kernel weight or falling number values. The falling number value average and 1000 kernel weight are up over last year and above the 5-year average, indicating sound wheat. Cumulative test weight decreased slightly to 59.3 lb/bu. The current grade is U.S. No. 2, higher than last year and the 5-year average.
- **Flour Data:** Very early flour data suggests lower bread volume this year but a slight increase in farinograph absorption. Bake tests show cookie W/T increased in samples from 2 of 3 areas and decreased in the other. Current alveograph data is very similar to 2019.

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	162	300	13.4	9.4	10.6	0.3	33.6	316	2 SRW	59.3	78.1	0.2	0.5	0.5	1.1
Last Week	134	300	13.4	9.3	10.6	0.3	33.6	314	2 SRW	59.5	78.2	0.2	0.5	0.5	1.1
2019 Final	261	300	12.9	9.3	10.6	0.4	31.6	285	3 SRW	57.9	76.2	0.2	0.8	0.8	1.7
5-Year Avg	360	371	12.6	9.6	11.0	0.5	32.0	304	3 SRW	57.9	76.3	0.1	1.4	0.6	2.0

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 Conditions:** Latest NASS ratings held steady for both the winter and spring crops. The winter crop is 80% good to excellent in Washington, 80% in Idaho and 57% in Oregon. The spring crop is 78% good to excellent in Idaho, 44% in Oregon and 85% in Washington.
- **Crop Progress:** Winter crop harvest is underway in all three PNW states with 5% harvested in Washington, 6% in Idaho and 14% in Oregon. Heading has ended in the Oregon spring crop and reached 95% in Washington and 92% in Idaho.
- **Weather:** Conditions across the region remain favorable for harvest progress with warm weather and little to no rain forecast. In Idaho and Washington, industry reports excellent grain filling weather in recent weeks.

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															
2019 Final	439	390	9.9	10.0	11.5	0.5	36.4	307	1 SW	61.6	81.0	0.0	0.0	0.5	0.5
5-Year Avg	455	404	9.2	10.0	11.3	0.5	34.9	325	1 SW	60.9	80.0	0.0	0.0	0.6	0.7

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 Conditions:** Crop conditions held steady with Minnesota 73% good to excellent; Montana 79%; South Dakota 63%; and North Dakota is 62%.
- **Crop Progress:** Development continues ahead of last year with nearly 90% of the U.S. crop headed and approximately 25% turning color. Harvest of early planted fields is expected to begin in 10-14 days.
- **Weather:** Precipitation fell across North Dakota this past week, with heavier rain in eastern areas. In Montana, warm, dry weather is forecast for the next week. Producers would welcome hot temperatures for optimal protein development.
- **Disease/Pest Pressure:** North Dakota producers continue to monitor fields for disease pressure with recent moisture and higher humidity. South Dakota and Montana report limited disease or pest pressures.

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					
This Week																
2019 Final	473	445	12.7	14.5	16.5	0.8	33.7	379	1 NS	60.4	79.5	0.0	0.4	0.6	1.0	63.0
5-Year Avg	464	458	12.1	14.4	16.4	0.7	32.0	403	1 DNS	61.2	80.5	0.0	0.2	0.8	0.9	77.0

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 Conditions:** Ratings have dropped for the northern durum crop with North Dakota now 69% good to excellent and Montana 40%.
- **Crop Progress:** The crop is 90% headed, ahead of last year’s pace and the 5-year average, and approximately 25% has turned color.
- **Weather:** Much of the durum region received beneficial moisture last week, but early planted crop is expected to suffer yield losses due to early drought. Warm, dry weather is forecast but heat would be welcomed by durum producers.
- **Disease/Pest Pressures:** With recent rain and high humidity, growers are being vigilant about protecting their crops from increased disease pressure.

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					
This Week																
2019 Final	91	118	12.0	13.6	15.5	1.5	44.3	341	1 AD	60.6	78.9	0.1	0.8	0.6	1.5	62.0
5-Year Avg	114	116	11.4	14.0	15.9	1.1	40.2	395	1 HAD	60.7	79.1	0.0	0.3	0.9	1.3	81.9

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

[California Wheat Commission Laboratory](#)
[Colorado Wheat Blog](#)
[Great Plains Analytical Laboratory](#)
[Kansas Wheat Harvest Update](#)
[Montana Crop Progress Report](#)
[Nebraska Crop Report](#)
[North Dakota Crop Progress Report](#)
[Plains Grains Inc.](#)
[South Dakota Wheat Outlook](#)
[Texas Wheat Harvest Update](#)
[Wheat Marketing Center](#)

Questions?

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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