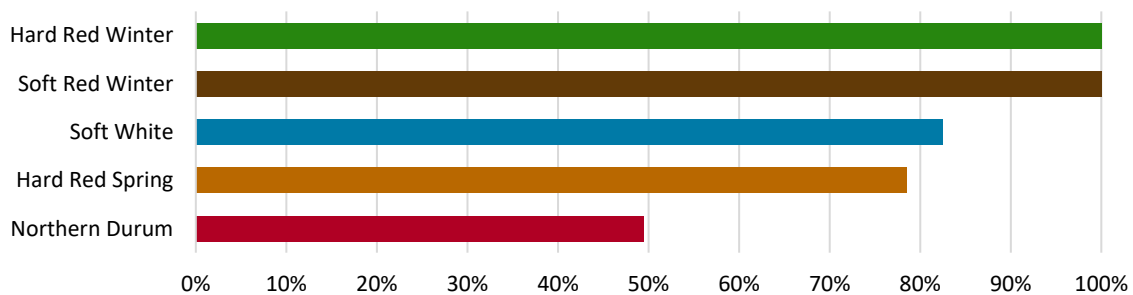




WEEKLY HARVEST REPORT – September 4, 2020

The HRW harvest has officially wrapped up as samples continue to be analyzed in the lab. SW harvest is progressing under hot, dry conditions and data continue to reflect low protein, low moisture and good test weight. HRS harvest is nearly 80% complete and this year's crop currently grades at U.S. No. 1 Northern Spring. The first northern durum samples are in with data reflecting an improved crop over 2019. The final 2020 SRW crop report is complete and available online at <https://bit.ly/HR-200828>.

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 harvest is now complete and preparations for the 2021 crop have begun.
- **Wheat Data:** This week's samples improved the overall unweighted average of test weight and thousand kernel weight with falling number holding stable. Average protein dropped slightly to 11.9% (12% mb). The crop remains U.S. No. 1 HRW with test weight averaging 61.7 lb/bu (81.1 kg/hl).
- **Flour Data:** Laboratory baking analysis indicates an average loaf volume across all composites of 867 cc, above the industry quality target of 850 cc. Farinograph stability over those same composites averaged 10.5 min with flour protein of 11.0%, and bake absorptions for all samples are between 60% and 67%. An indicator of quality protein, composites are demonstrating exceptionally good water absorption and will deliver quality end-products.

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	406	500	10.7	11.9	13.5	0.5	31.3	367	1 HRW	61.7	81.1	0.2	0.2	1.1	1.5
Last Week	378	500	10.4	12.1	13.7	0.5	30.8	367	1 HRW	61.5	80.9	0.2	0.2	1.3	1.7
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

The final 2020 SRW weekly harvest report was issued on August 28 and can be found online at <https://bit.ly/HR-200828>.

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
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. Results shown represent all samples collected through this and last week respectively.

Data Source: Great Plains Analytical Laboratory

SOFT WHITE

- **Crop Conditions:** Generally, good conditions continue for both winter and spring crops in all three states.
- **Crop Progress:** There was good progress with favorable harvest conditions across the growing region as this year's harvest is winding down. The winter wheat crop is finished harvested in Oregon, 88% in Washington and 94% in Idaho; spring wheat crop is 62% harvested in Washington, 72% in Idaho and 79% in Oregon.
- **Weather:** Hot and dry weather continues across the region accelerating harvest progress of the soft white crop.
- **Wheat Data:** This week, 44 samples arrived at the lab for testing. Weighted average data indicate good test weight at 62.0 lb/bu (81.6 kg/hl), low moisture content at 9.1%, low protein at 9.7% (12% mb), and sound falling number value at 323 seconds, unchanged from last week.

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	341	390	9.1	9.7	11.2	0.4	36.1	323	1 SW	62.0	81.5	0.0	0.0	0.4	0.5
Last Week	297	390	9.1	9.7	11.2	0.4	36.2	323	1 SW	62.0	81.6	0.0	0.0	0.4	0.5
2019 Final	439	390	9.9	10.0	11.3	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 Progress:** Approximately 69% of the HRS crop is now harvested with South Dakota more than 96% complete, Minnesota 85%, Montana 74% and North Dakota 59%. Overall, producers are reporting average to above average yields across the growing region. No major harvest or quality issues have been reported thus far.
- **Weather:** With mostly dry weather over the last ten days producers made steady harvest progress. Cool nights and shorter days are expected to slow harvest progress next week.
- **Wheat Data:** This week's data come from about 48% of expected samples. Test weight is 61.7 lb/bu (81.1 kg/hl), higher than last year's final average of 60.7 lb/bu (79.8 kg/hl). Average protein dropped slightly to 14.6% (12% mb), up from last year's final average of 14.4%. Falling number average is 385 seconds and indicates a sound crop at this time. Average vitreous kernel content is 62%, making the current average grade as U.S. No. 1 Northern Spring (1 NS).

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					
This Week	215	446	12.4	14.6	16.6	0.6	31.7	385	1 NS	61.7	81.1	0.1	0.6	0.5	1.2	62
Last Week	109	446	12.3	15.0	17.0	0.6	31.1	380	1 NS	61.5	80.9	0.1	0.5	0.7	1.3	63
2019 Final	445	445	12.7	14.4	16.4	0.6	31.0	339	1 NS	60.7	79.8	0.0	1.0	0.8	1.8	52
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

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 for the unharvested northern durum crop dropped to 60% good to excellent.
- **Crop Progress:** Northern durum harvest is now 53% complete in North Dakota and 46% in Montana, well ahead of last year. Producers are reporting that generally, later planted fields and fields that received timely moisture are higher yielding. Overall, the crop looks good with few quality issues observed so far.
- **Weather:** Like HRS, the growing region has largely experienced ideal harvest conditions over the past week with cool nights and shorter days expected to slow harvest.
- **Wheat Data:** This first data includes samples from southwestern North Dakota and northeastern Montana. The low moisture content (10.7%) and high falling Number (417 sec) reflect dry conditions across the growing region. Thousand kernel weight is 47.6 g, average protein content is 14.1% (12% mb) and average test weight is 61.1 lb/bu (80.9 kg/hl).

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	33	120	10.7	14.1	16.0	1.0	47.6	417	1 HAD	62.1	80.9	0.0	0.9	0.5	1.4	87.2
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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