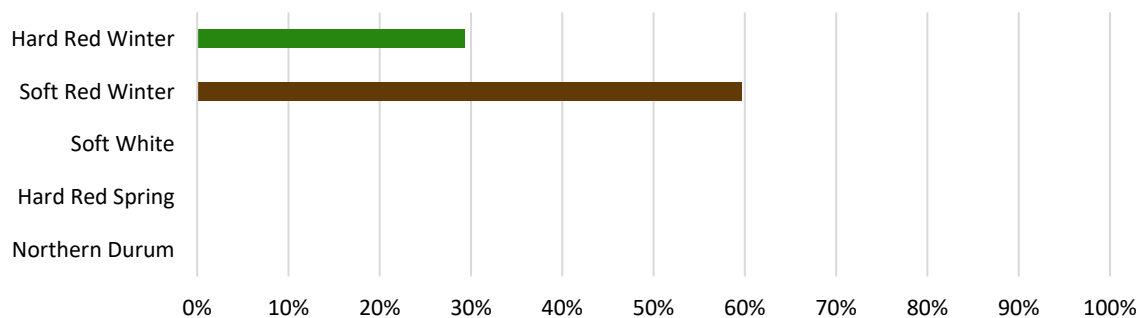




WEEKLY HARVEST REPORT – July 2, 2020

The HRW harvest has progressed to the Kansas/Nebraska border. Overall, HRW sample results remain steady from last week. Harvest continues to progress in the SRW growing region with little to no change in test weight and protein. Much needed precipitation fell across the HRS and northern durum growing region. Conditions for the PNW SW crop remain good and test cutting in Oregon began this week.

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



HARD RED WINTER

- **Crop Conditions:** Overall, good to excellent ratings for the HRW crop are holding steady. In Montana, the crop ratings have increased to 47% excellent, significantly higher than the 5-year average. In Colorado, high rates of crop abandonment are being reported.
- **Crop Progress:** The 2020 HRW harvest continues to move north across the central U.S. Harvest progress: Texas and Oklahoma, 99%; Kansas 70%; and Colorado 19%. Test cutting started on the Nebraska/Kansas line this week.
- **Weather:** Hot and dry weather across the southern Plains aided harvest while the northern Plains had several rain events, boosting topsoil moisture and crop conditions.
- **Data:** Labs analyzed 83 new samples this week with data holding steady. Samples from drought and freeze stressed areas brought test weight average down slightly but helped bring protein up a bit. Early testing continues to indicate a crop similar to last years – low but good quality protein – with better than expected performance.

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	125	500	11.8	11.2	12.7	0.5	33.0	-	1 HRW	62.5	82.2	0.2	0.2	0.8	1.2
Last Week	42	500	11.6	11.1	12.6	0.5	33.0	-	1 HRW	62.7	82.4	0.3	0.2	0.7	1.2
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	13.4	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.

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 condition:** This week’s NASS report indicated the crop ranged from 50% good to excellent in Missouri to 74% in Illinois.
- **Crop progress:** The SRW harvest showed good progress last week. In southern Ohio, industry reports that yields are lower than expected due to late frost.
- **Weather:** There could be some fields abandoned in North Carolina after sprout damage from excessive rains. Indiana received an average of 2.25 in (57.55 mm) of rain last week. But most of the growing region averaged five days of suitable field work conditions for good harvest progress.
- **Wheat data:** An additional 20 samples were analyzed this week, bringing the total to 58, with little to no change in cumulative data.

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	58	300	13.5	9.4	10.7	0.3	34.8	305	1 SRW	60.2	79.2	0	0.7	0.4	1.1
Last Week	38	300	13.6	9.5	10.8	0.3	34.8	307	1 SRW	60.2	79.2	0	0.7	0.4	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:** Winter crop ratings increased in Washington to 84% good to excellent and 77% in Idaho. Oregon is down slightly to 71%. Spring crop ratings are 76% good to excellent in Idaho, 37% in Oregon and 85% in Washington.
- **Crop Progress:** The winter wheat crop is 100% headed with test cutting in Oregon. The spring crop is 73% headed in Washington, 41% in Idaho and 91% in Oregon. Harvest is expected to begin in Washington this week.
- **Weather:** Conditions remain favorable for harvest progress.

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:** Currently, 69% of the U.S. crop is rated in good to excellent condition, down from 75% last week due to weather stresses. Crop condition ratings range from 59% good to excellent in North Dakota to 81% in Montana.
- Crop Progress:** Crop development continues to lag due to a delayed spring; nationally, 36% of the HRS crop has headed, behind the five-year average. By state, South Dakota is 77% headed, Minnesota is 12% and Montana and North Dakota are 5-6%.
- Weather:** According to industry contacts, most of the growing region received a fair amount of needed precipitation last week, helping stabilize crop conditions and replenish topsoil moisture. Drought stricken areas will need more rain for continued crop development.

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:** North Dakota crop condition ratings declined from 73% to 51% good to excellent, due to continued dry conditions stressing the crop and reducing yield potential. In Montana, 81% of the crop is fair with 19% good to excellent.
- Crop Progress:** Booted and headed remain behind the 5-year average in Montana at 26% and 5%, respectively. North Dakota’s crop is 63% jointed and 17% headed. Overall, crop development is ahead of last year’s pace, but behind the 5-year average.
- Weather:** Rain over much of the durum region was needed, but may be too late to benefit early-planted fields. Due to continued drought conditions, additional precipitation is needed for crop development.

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?

Please contact USW Director of Programs
Erica Oakley at eoakley@uwheat.org

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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