

# PGI HRW Harvest Report August 6, 2021

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<u>State</u>	<u>Percent Complete:</u>
Texas	100%
Oklahoma	100%
Kansas	100%
Colorado	100%
Nebraska	100%
South Dakota	98%
Montana	70%
Washington	90%
Oregon	91%
Idaho	60%
Wyoming	95%

**8/5/2021:** The US HRW harvest in the 5 most southern Great Plains States is now complete. All remaining states are at least 70% complete (Montana) and as high as 98% complete (South Dakota). Drought and high temperatures have (and continues) to reduce the yields and test weights of the crop in the northern and northwestern states. A significant portion of the crop in the most affected areas is being baled and may be used for feed.

The 2021 HRW harvest is moving very rapidly and also continues to be a very memorable one as more testing starts to become available. The problems began in the northern most regions of the US in the form of drought followed by extreme winter conditions (which extended as far south as central Oklahoma where temperatures plummeted to the mid (- minus) teens in February. This was cold enough to burn leaves back which actually slowed or stopped some of the major diseases in their tracks. However, that freeze event was followed by a late freeze in April that also affected many southern areas negatively. Wheat from South Dakota northward continues to show the effects of prolonged drought with lower test weights/thousand kernel weight/overall less favorable kernel attributes. This contrasts with (the early reporting) of large kernels and very good kernel characteristics (but lower protein) out of parts of Texas, Oklahoma and into areas of Kansas.

There are now 418 samples (up only 7 samples from last week) of an expected 500 as harvest winds down in all states south of South Dakota. Samples from those areas are in various stages of testing. The numbers in the table below reflect averages of individual locations not weighted for production. The changes this week include a small decrease in TKW (0.1%) and are reflective of the changing out of the Falling Number instrument (FN overall average now at 370 seconds).

## August 6, 2021 (\*FN on 204 samples)

(Grade data based on 383 samples)

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
418	500	11.4	11.6	0.5	30.3	370	1HRW	60.6 79.7	0.3	0.5	1.0	1.8

## July 30, 2021

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
411	500	11.4	11.6	0.5	30.4	----	1HRW	60.6 79.7	0.3	0.5	1.0	1.8

## 2020 Final

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
431	500	10.9	11.9	0.5	31.6	367	1HRW	61.7 81.1	0.2	0.2	1.1	1.5

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## August 5, 2021

- **Kansas** – Harvest complete.
- **Colorado** – Harvest complete. Losses due to sawfly were significant, but less than they could have been due to dry and fast harvest conditions.”
- **South Dakota** – NASS winter harvest 91% complete. Local elevator w/800,000 bu avgs.: TW 60.7, protein 13.9%, lower falling numbers. Spring 53% harvested Monday, small crop. 45 days or less from planting winter – soil short/very short moisture.
- **Nebraska** – Harvest complete.
- **Wyoming** – Harvest mostly complete, some irrigated harvesting. Seeing a lot of 14 pro, minimal TW below 59.
- **Montana** – Winter over 50% complete, some storms/moisture. Variability, feed wheat competitive. Sawfly/grasshopper damage. Spring est. 25% complete. Bad fires. Durum 90% poor/very poor, low yields.
- **Idaho** – Harvest 50% complete, early/fast. Yields down. Some variable rain last weekend, high proteins. Light TW, excellent falling numbers. Cooler weather forecast.
- **Oregon** – NASS 83% harvested winter, short crop, quick harvest. Subsoil 90% short/very short. Quality better than expected.
- **Washington** - Winter harvest est. 75%. Spring wheat well ahead of last year. All yields way down. Average protein about 11.4. Lack of soil moisture for planting concern.
- **North Dakota** – Harvest starting, early TW reports good. High protein (15-17s) yields down. Durum harvest starting, possible TW concerns.
- **PGI/NASS** – Brand new falling number instrument – distinct difference on data collected thus far/significant improvement from last week. Avg. for 204 samples out of 418 (100 seconds higher) so avg. 370, max 422, lowest 282. Good news. Lab has 418 samples, quickly forming composites. Official TW (Enid Grain) on 374 samples 60.6, max 65 min 52, protein 381 – 11.6%, max 16.5, min 8.8%, kernel sizing better than 2020: 67% L , max 94, min 18; single kernel data: avg. kernel weight slightly below 2020 at 30.3, diameter slight below 2020 at 25.9, hardness 60.4, sedimentation – avg. 47.
- **WMC** – 154 samples of SW, protein avg. 11.2%, TW, 1000 kernel weight, kernel size small compared to 2020 (drought), some low protein coming in.
- **NDSU** – 20 samples in, about 2 weeks behind harvest.
- **WQC** - 50% new crop in TX, bakeries down on mixing times, water holding same. Some reports of higher pro trains out of KS (13%), saw below avg. in ND spring tour. Optimistic about quality.

# Percent HRW Harvested by State

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