

PGI HRW Harvest Report July 16, 2021

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<u>State</u>	<u>Percent Complete:</u>
Texas	98%
Oklahoma	99%
Kansas	90%
Colorado	23%
Nebraska	29%
South Dakota	21%
Montana	8%
Washington	15%
Oregon	18%
Idaho	11%
Wyoming	<1%

7/15/2021: The 2021 US HRW harvest progress is reflective of the type of year it has been across all production regions. Southern and central states started harvest some 10 days to 2 weeks behind normal starting dates marked by extended periods of rainstorms and high humidity. Then progressed rapidly over 2 weeks as weather cooperated only to slow again toward completion due to high humidity and rain showers. Most states across this region remain behind the normal percent complete with harvest for this date as compared to the historic 5-year average. In contrast, the northern US and the Pacific Northwest are significantly ahead of the historic 5-year average for percent harvested on this date due to widespread drought conditions and record high temperatures during later stages of crop development.

There are now 266 samples in various stages of testing. Overall, average yields are still being reported to range generally between 40 bu/ac (2.69 tons/ha) to 60 bu/ac (4.0 tons/ha) in central and southern areas while tapering off moving further west and north where drought has been most pronounced. Test weight is averaging 61.4 lb/bu (80.7 kg/hl) with higher reports in southern areas and lower reports emerging in drought areas and the more eastern areas where rain has slowed harvest. Protein average increased significantly this week as samples from the western areas of Texas, Oklahoma and Kansas are tested, now averaging 11.4% overall with average TKW now at 31.7g. Average Falling Number this week is 280 seconds.

There are now 266 samples in the USDA lab originating from Texas/Oklahoma/Kansas/Colorado/Nebraska. Subsamples are in route to a FGIS lab for grading (grading information for first 195 samples and Falling Number on 112 samples)

July 16, 2021 (*FN on 112 samples)

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
266	500	11.3	11.4	0.5	31.7	280	1HRW	61.4 80.8	0.3	0.4	0.8	1.5

July 9, 2021 (**adjusted)

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
188	500	10.8	11.0	0.5	32.3	283**	1HRW	62.0 81.5	0.4	0.3	0.8	1.5

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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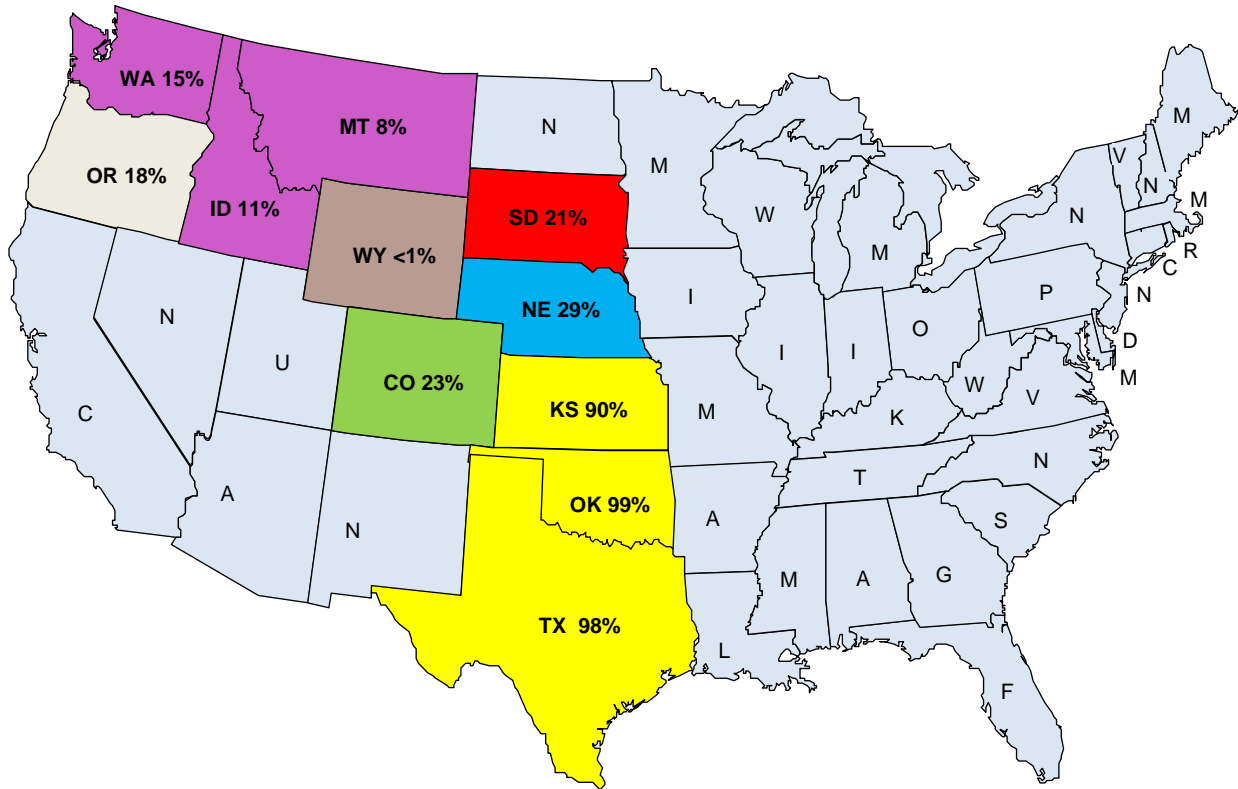
July 15, 2021

Industry notes on harvest:

- **Texas** – Harvest should be finished up this weekend. USDA report increased planting acres to 5.6 mil; harvested up from 1.9 to 2.25 mil acres; increased production to 83.25 mil bu. Statewide avg protein 11.8-12%; good TW at 60-61 lb/bu; 70-100 bu/acre in irrigated fields.
- **Kansas** – Harvest is 85% complete and focused in NW Kansas where it is dry. Heavy rains again overnight. TW are generally good though lower in area that experienced hot temperatures during grain fill. With dry weather the crop should be 90% harvested this weekend.
- **Colorado** – Harvest continuing (19% harvested) and now most wheat growing counties in Eastern Colorado have seen some harvest activity. Average test weights 57-58 lb/bu. Proteins are ranging from 8.9-13%.
- **Nebraska** – Southcentral NE, harvest started but has slowed with rain and humidity. Yields from 60-90 bu/acre. SW NE harvest slowed with humidity; 80% done with yields from 40-70 bu/acre Southern panhandle, 60% complete. Stem sawfly in that area 5 bu/acre loss. Yields 40-60 bu/acre. Northern panhandle hit with a hailstorm; proteins between 11.2-11.5.
- **Wyoming** – Test cutting will start tomorrow or Saturday. Dry hot weather through next week. By first of week expect harvest to begin. Likely will be drawn out.
- **Montana** – Widespread rainfall, hail and damaging wind last week. Some winter wheat fields are being straight cut and swathed. Winter wheat kernels are showing heat stress. More abandoned acres are expected. Have pockets of decent quality and protein is variable. Expect to see shrunken, shriveled and broken, and lower test weights. Grasshoppers are still bad and forest fires.
- **Idaho** – USDA has 7% harvested. Not well underway and not hearing much positive news. Yields are very low, high protein and TW were low but are coming up. Not too many shrunken and broken yet but expected. Production numbers were optimistic; a lot of acres not harvested. Irrigated acres are stressed because of the high heat and hot weather (100+) is continuing. The fields are stressed and burning up.
- **Washington** – 10% winter wheat harvested. High temperatures and no moisture continue. A number of fires are burning throughout E. WA. No official quality information yet. USDA lowered yields once again for WA. In the early stages of harvest growers are reporting yields down 30-60%.
- **Oregon** – USDA production estimates down another 5%. TW was showing a drop off from 2020 as expected, but not dramatic. Yield likely overall worse than expected and protein better than expected, but those expectations on both fronts had been poor. Seeing fewer bushels going into home storage given the low production.
- **USDA/ARS** – 266 samples collected. Avg NIR protein 11.3%. TW 61.4 lb/bu. Seeing mixed results in terms of hardness. Quite a bit of variation, max 86 and min 40. Single kernel diameter 2.7 vs. 2.6 last year. Kernel weight 31.6 vs. 31.8 last year. FN issues – of 122 evaluated, overall avg is 266.6. (280 after removing 10 low FN samples that didn't go through through the marketing channels), Sed values avg 47. Farinograph - In general good strength at lower flour protein levels. Mixture of tolerances depending on grainshed. In general, good strength for protein contents we have.

Percent HRW Harvested by State

July 16, 2021



Previous 7 Days Precipitation (Ending July 15, 2021)

