

PGI HRW Harvest Report July 30, 2021

By Mark Hodges, Executive Director, Plains Grains, Inc.

<u>State</u>	<u>Percent Complete:</u>
Texas	100%
Oklahoma	100%
Kansas	100%
Colorado	99%
Nebraska	95%
South Dakota	86%
Montana	44%
Washington	65%
Oregon	81%
Idaho	41%
Wyoming	85%

7/29/2021: The 2021 HRW harvest continues to roll through areas of the central, northern, and northwestern US with only 4 states remaining that have completed less than 85% harvest. Colorado and Nebraska are over 95% complete with harvest in the central US and is progressing quickly across the northern states and in the Pacific Northwest. Northern and northwestern states harvest have been significantly accelerated due to extreme drought and heat. Several areas in that region continue to report abandon acres and at this point are hopeful for significant moisture needed to start planting the 2022 crop in a very few weeks.

There are now 411 samples in various stages of testing. The averages below reflect composite numbers not weighted for production. This week they also include samples from South Dakota and southward as well as the first 3 samples out of Montana. Protein increased this week (11.6%) which was reflective of samples from more western and northern regions where moisture stress was a factor. As was the case last week, other kernel factors were negatively affected by those same stress factors including test weight (60.6 lb/bu, 79.7 kg/hl) and TKW (30.4g) down from last week's 30.8g. Average Falling Number this week changed only 1 second 276 seconds and represents 271 of the 411 samples now in the lab. Work continues in the lab to determine the effect of the overall lower than expected falling numbers as well as the overall functionality of protein averages hovering in the mid 11% range. The issue is exacerbated this year with the significantly reduced availability of a northern US HRW crop.

July 30, 2021 (*FN on 271 samples)

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	276	1HRW	60.6 79.7	0.3	0.5	1.0	1.8

July 23, 2021

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
345	500	11.3	11.4	0.5	30.8	275	1HRW	60.9 80.2	0.2	0.5	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 29, 2021

- Texas: Harvest is complete with an est. average 37 bu/ac and 83.3 million bushels production, which is up 35% from the June NASS estimate. Soil moisture is adequate as folks turn to planting expected to start in September.
- Oklahoma: Harvest is complete with an official estimate of 40 bu/ac and 108 million bushels production. Thinks yield and total prod. will be higher than USDA est. There was substantial sprout damage in the last 15% harvested, but that has moved into feed channels. Better wheat out of the southwest area has moved to Mexico.
- Kansas: Attention has turned to planting following a completed harvest. Spotty rains haven't helped improve soil moisture much. Farmers are aggressively selling their crop with the higher prices. The seed situation is challenged a bit of scab in the crop, farmers looking closely at varietal differences. Functional qualities are variable in the new crop and buyers are being creative in blending source supplies.
- Colorado: NASS has harvest at 92% but believes they will be up to 99% done this week. There have been some test weight concerns, with a hot June. Thoughts have turned to seeding with moisture needed and decisions to make on sawfly resistant seed options.
- Nebraska: NASS estimate is 88% complete. Expecting cutting in the northern panhandle to be done soon. Test weights are in 50-60 range and about 11% pro. Yield is variable across the state.
- Wyoming: Estimated of 85% complete with harvest; all the dryland wheat is harvested with only irrigated fields left. Yields, test weights and protein levels are variable. Seeding may start in 30 days in some areas and farmers are hoping for some rain.
- PGI/USDA-ARS: There are now 411 samples in various stages of testing, and we are hopeful to get at least 500. HRW protein average is 11.5, test weights and 1000 kernel weights are down. Falling numbers are a concern. The average stayed steady at 276, but the range is skewed to the lower side. No significant functionality issues have been seen in tests, except for what was described as an unusual variability with some low pro wheat showing high dough strength and some high pro wheat showing lower strength. Expecting to see about 100 more samples coming to the lab.
- Miller Milling: There is no feedback about issues with FN in HRW to date and there has been no reduction in the mill's 300 FN specs. There will be additional discussion about the FN situation.
- Washington: NASS has harvest of winter wheat at 50%, however, it is moving really fast. As expected, yields have been low with an estimate of 12 to 15% abandonment; yield could be less than the current 57 bu/a estimate. Some Palouse fields have decent stands, but the heads are likely not filled well. Test weights are around 59.7.
- Idaho: Winter wheat harvest is about 35% complete and spring wheat harvest has just started. The daytime and nighttime temperatures continue to be well above average and the entire state is in a D3, D4 or D5 drought. The temperatures are even stressing the irrigated crops.
- Oregon: Drought has impacted the yields with a short crop and short harvest season. NASS reported 59% winter wheat harvested for the week ending 7/25 but the state is mostly through harvest now. Additional heat is expected this week. Looking forward to planting in the fall, communication with growers planted to corn this year that may move to wheat next year due to lack of reservoir capacity for irrigation.
- WMC: There will be data from 102 SW samples this week. Average SW protein is 11.3 with somewhat lower test weights and some very low; the highest test weight so far is 61. Samples from irrigated wheat in Idaho tested higher as expected.

Percent HRW Harvested by State

July 29, 2021

