

Harvest Summary of HRW July 8, 2022

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

<u>State</u>	<u>Percent Complete:</u>
○ Texas	94%
○ Oklahoma	99%
○ Kansas	87%
○ Colorado	12%
○ Nebraska	25%
○ South Dakota	0%
○ Montana	0%
○ Washington	0%
○ Oregon	0%
○ Idaho	0%
○ Wyoming	0%

While the 2022 HRW wheat harvest is wrapping up in Oklahoma/Kansas/Texas it is just getting into full swing in Colorado and Nebraska. Additionally, it will only be a matter of a few days (7 to 10) before combines roll in South Dakota and Wyoming. Hot and windy conditions over the last 3 weeks have continued to drive the 2022 wheat harvest into high gear. Yield reports continue to be highly variable ranging from 20 bu/ac to 30 bu/ac in the western areas of the central and southern Great Plains. Early reports from Nebraska indicate the upper end of that range extends to over 50 bu/ac on dryland and hover around 100 bu/ac on irrigated.

Test weights continue to average above 60 lb/bu again this week (60.8 lb/bu) with protein still averaging over 13% (13.2%). There are now 233 samples now in the lab and in various stages of testing. This represents all PGI Grainsheds in Texas/Oklahoma/Kansas, however no state has yet been declared complete. Sampling out of Texas and Oklahoma will likely be declared complete over the next week and Kansas will shortly follow. Early falling numbers continue to be reflective of excessive rain events accompanied by high humidity during final stages of development.

PGI only pulls samples when at least 30% of the harvest is complete within a geographical area. The Oklahoma Wheat Commission extended report starts on page 4 and the Kansas extended report starts on page 6.

July 1, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
196**	520	10.8	13.2	0.4	29.7	284	HRW 1	60.7 79.8	0.1	0.4	0.8	1.3

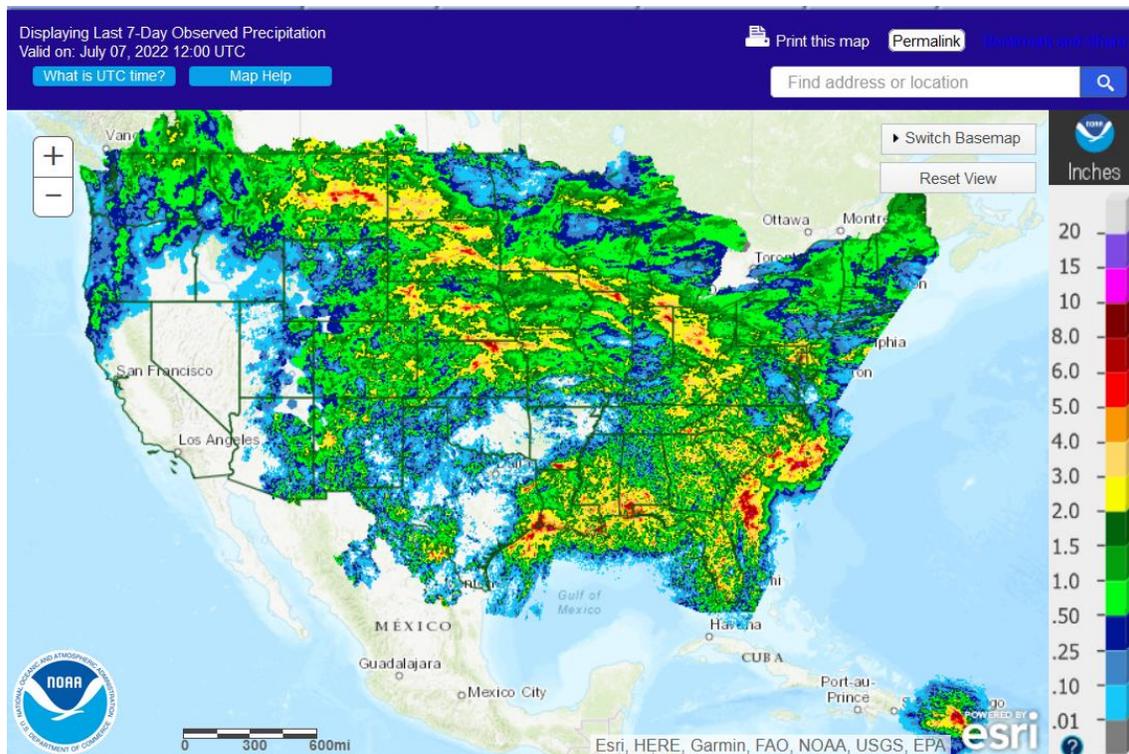
July 8, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
233**	520	10.9	13.2	0.4	30.0	297	HRW 1	60.8 79.9	0.1	0.4	0.8	1.3

**All 233 samples are in various stages of testing.

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NOAA Observed Precipitation over the last 7 Days ending 7/7/2022



States Update:

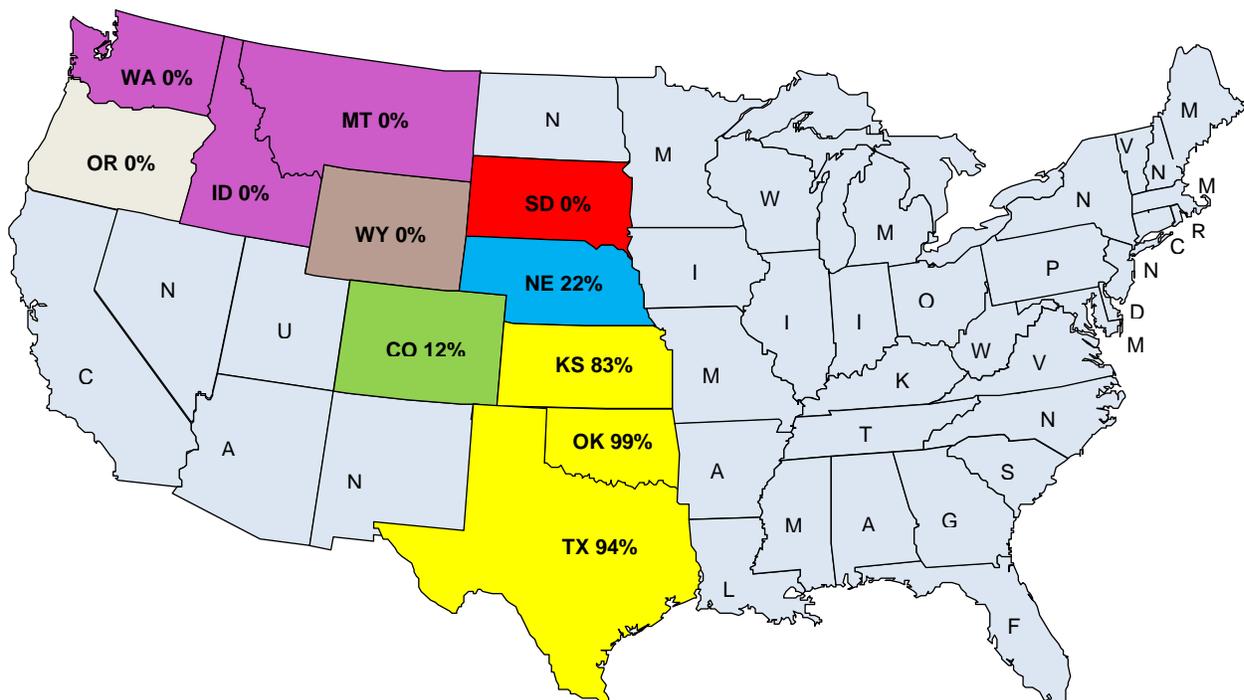
July 7, 2022:

1. **Texas** – NASS 94% complete, winding down hot/dry weekend.
2. **Oklahoma** – Harvest 99% completed. Early testing, above avg. performance. Sprout damage in heavy rain areas- 5 -10% of crop (reporting minimal numbers in that 5 - 7%). 12-13% pro, Yields variable - low teens to mid-20's SW, 10 bu- mid 30's S. Central, Central/N. 15 bu - 65 bu/ac, Northern tier mid 20s-30s. TW avg. Southern/Central 58 lb/bu, Northern/Panhandle 59-61 lb/bu.
3. **Kansas** –NASS 83% complete (NW corner/northern border). Heavy rains/high humidity. Wide variance of yields. Some weed pressure in N/central area not yet harvested. Protein declining in north areas. Acreage could increase slightly in August report.
4. **Colorado** – Harvest progressing. Yields are mostly 20-30s. Avg. TW/protein good weight est. avg. 60lbs, 12%. Hot weather forecast. Some areas raining today.
5. **Wyoming** – Harvest in about a week in some areas. Week of 18th full blown. Some precip this week. Expect harvest to move quick.
6. **Nebraska** – Harvest rapidly progressing, 25%-75% harvested. Yield per acre is lower vs. 2021, 20-60 bu/ac. TW 59-61 lbs., 11-13% pro avg. across southern region. Irrigated yields (limited reports 90-110 bu/a.) Scattered light rains slowed harvest possible TW concerns. Panhandle week out from harvest. Late May frost concerns on yields.
7. **South Dakota** - HRW: 47% G/VG, Harvest starting in next 10 days. HRS: 68% G/VG, 64% headed, Heading behind 5-year avg. (83%), harvest late July. Derecho across large portion of SD July 6th extreme wind and hail - damage assessments remain in progress.

8. **Minnesota** – Feels like acres increased, variability (some heading, some barely up). 3 days 100+ temps a few weeks ago – concerns. Since cooled off, moisture, crop looks good. Cautiously optimistic. Expect 3-4 weeks behind.
9. **Montana** - Significant positive changes in the NASS reports. WW 13% Excellent (4% LW), 19% G (18% LW), 29% F (30% LW), 25% P (29% LW), 14% VP (19% LW), Spring/moisture conditions improving. EST. higher production than '21, but below avg. Avg. protein but higher quality due to avg. nightly temps versus higher temps in '21.
10. **Idaho** - Trace accumulations statewide above avg. temps. Spring 58% headed vs. 59% avg., Winter 96% headed vs. 97% avg. Winter 64% G-E, Spring 65% G-E.
11. **Oregon** - NASS winter 80% G-E, 16% F, 4% P/VP. Harvest on later side but warm weather speeding things up. Sporadic rain showers past week helping crop.
12. **Washington** – Late harvest (usually around July 4 in drier areas). Some rains, conditions improving. Winter - 13% E, 57% G, 27% F, 3% P. Spring – 11% E, 83% G, 5% F, 1% P. Topsoil/subsoil improving.
13. **PGI/NASS** – 60.8 lbs/bu. L, M, S kernels lower than 2021. 58% L, 49% M, 1.2% S. 13% + pro. 258 samples in the lab. (all grain sheds in TX and OK, some in KS). 1000 KW 30.0, kernel diameter 2.59, moisture 10.8%, FN 297. Preliminary mixograph testing – avg. volume 61, absorption 64, mix time 4, tolerance 3.
14. **GPAL** – 163 SRW samples. Protein is still a little higher than what was found in 2021 and the five-year average. The falling number results are improved from 2021. TKW is still a little lower than last year, but similar to the five-year average. We are seeing higher TW vs. 2021. 60.56 lb/bu on average this year vs. 59.57. The vast majority of sampling we have left is in northern Indiana/northern Ohio. Some samples left to collect from Tennessee, Alabama and Arkansas.

Percent HRW Harvested by State

July 7, 2022



Oklahoma Wheat Harvest Wraps Up with 99% Complete

Oklahoma Harvest Report

By: the Oklahoma Wheat Commission

Wednesday, July 6, 2022

Oklahoma Wheat harvest is wrapped up with some minor cutting taking places still in North Central Oklahoma and Panhandle regions. Early lab test indicate the performance quality of this crop for bakery standards is above average which is remarkable considering everything this crop has been thru. Sprout damage being reported in the state from regions hit by heavy rains is accounting for approximately 5 to 10% of the crop. It is important to note much of the crop that has sprout damage is also reporting minimal numbers in that 5 to 7% range. When looking at the averages for blending purposes it seems sprout is not going to be as big an issue as previously thought. Proteins across the state are favorable with averages coming in between 12 to 13% in most places. Yields are ranging all over the board from the low teens to mid-20's in Southwest, Oklahoma. In South Central Oklahoma, yields being reported from 10 bushels per acre to the mid 30's. Yields in central and Northern Oklahoma are being reported as higher ranging from 15 bushels per acre to as high as 65 bushels per acre. In the Northern tier of the state where yields are better, regions are still looking at averages in the high 20's to mid-30's. It is also important to note several areas in Northwest Oklahoma up by Cherokee and Burlington had severe drought and large portions of that region will not be harvested, which will also have major impact on statewide bushels that are taken in. Test weight average in Southern and Central Oklahoma will be 58 pounds per bushel. Test weight averages in Northern Oklahoma and in the Panhandle will be higher falling in the 59 pound to 61 pound per bushel range depending on location. ***The Oklahoma Wheat Commission is now calling Oklahoma wheat harvest 99% complete.*** This will be the last harvest report published by the Oklahoma Wheat Commission for the 2022 harvest season. Plains Grains reports will be published as we continue to follow harvest into the Northern United States and Pacific Northwest on each Friday with performance data also included as those test are completed with the USDA Hard Winter Wheat Laboratory in Kansas City, Manhattan.

See definitions of classes and what they are used for on the next page.

****Hard Red Winter Wheat-** Versatile, with excellent milling and baking characteristics for pan bread, Hard Red Winter is also a choice wheat for Asian noodles, hard rolls, flat breads, general purpose flour and cereal.

****Soft Red Winter Wheat-** A versatile weak-gluten wheat with excellent milling and baking characteristics, Soft Red Winter is suited for cookies, crackers, pretzels, pastries and flat breads.

Southwest

Grandfield/Devol/Chattanooga/Lawton- Grandfield is 100% complete, Devol is 100% complete, Chattanooga is 99% complete, Lawton is reported 100% complete. Test weights in this region ranging from 58-60 pounds per bushel. Yields ranging in the low teens to mid-20's. Proteins ranging from the 11.5% to 12.5%. No sprout damage reported from these locations.

Frederick- Harvest in this region is 100% complete. Test weights ranging from 60 to 61 pounds/bushel. Proteins ranging from 12 to 12.5% range. Yields being reported from low teens to high twenties, averaging in the low 20's.

Altus/Duke/Carter- Harvest in this region reported as 100% done. Test weights now trending 56-59 pounds per bushel compared to earlier cuttings making 59 to 60 pounds per bushel. Yields reported from 5 bushel an acre to mid-20's. Proteins ranging from 13% to 16%.

Lone Wolf/Hobart- Harvest in these regions is reported at 100% complete. Test weights being reported from 55 to 58 pounds per bushel. Yields ranging from low teens to mid-20's. Proteins reported making from 13% to 16%.

South Central

Apache- *Wheat harvest is moving along in this region and is considered 100% complete.* Test weights have been ranging from 57 pounds to 58 pounds per bushel for the most part. On the intensive management wheat, they are seeing some 60-pound test weights. Yields for the most part are ranging from 10 to 35 bushels per acre depending on location, management and variety.

Chickasha- *Harvest in this region 100% complete.* Yields are doing much better than expected based on all the heavy rains, high winds and hail damage that occurred. Test weights ranging from 58 to 59 pounds per bushel. Yields making in the mid 20's to mid-30's. Some minor sprout damage is being reported but not as bad as expected. Some producers have had 20 to 40% hail damage losses.

Western Oklahoma

Sentinel/Rocky- *Harvest has made great progress over the weekend and is reported at 100% complete.* Test weights reported in the 56 to 60 pounds per bushel range. Yields being reported from 14 to 28 bushels per acre. Proteins ranging from 13% to 17% depending on variety and management practices.

Hinton- *This region is reported at 100% complete.* Yields are doing better than expected after all the storms that hit prior to last week. Yields ranging in the mid 30's, test weights averaging 60.5 pounds. Proteins ranging from 10% to 17% with a 13.5% average.

Central Oklahoma

El Reno- *They are reporting 100% harvested in this region.* Yields are being reported from the low 20's to the low 40's depending on variety and management. Test weights ranging from 57 to 59.5 pounds per bushel. Protein ranging from 11% to 14.5%

Kingfisher/Omega- *Harvest in this region reported to be 100% complete.* Test weights with ranges reported from 57 to 60 pounds per bushel. Yields averaging in the high 20's to low 30's. Proteins have ranged from 10% to 15%, seeing a lot in the 11.5% to 12.5% range.

Reeding- *Harvest in this region reported 100% complete.* Test weights with ranges from 57 to 59 pounds per bushel being reported. Yields averaging mid-teens to low 30's depending on variety and management. Proteins ranging from 11% to 12%.

Loyal- *Harvest in this region reported at 100% complete.* Test weights averaging 57 to 59 pounds per bushel. Yields on early harvested wheat making in the low 20's to low 40's. Protein ranging from 11.5% to 12.5% on early samples.

Northwest OK

Shattuck/Fort Supply- *This region being reported at 100% complete.* Test weights ranging from 57 to 62 pounds per bushel depending on variety and management. Yields ranging from 5 bushels to 25 bushels per acre. Proteins are ranging from 12% to 14%.

Burlington- *Harvest in this region reported at 99% complete.* A large area in this region will not be harvested due to the severe drought. On the crop that will be harvested, test weight for this region is averaging 58 pounds per bushel. Yields making in the mid 20's to mid-40's on the wheat that will be harvested depending on where moisture was received in a timely manner and management practices. Proteins ranging from 12% to 13%.

Helena/Goltry- *Harvest in this region 99% complete.* Yields reported from the mid-teens to mid 30's. Yields have increased as harvest has progressed as producers have gotten into better wheat. Test weights ranging from 58 to 60 pounds per bushel. Proteins are averaging 13%.

Northern Oklahoma

Pond Creek/Lamont- *This area reported to be 99% complete.* Test weights ranging from 58 to 60 pounds per bushel. Yields being reported in the low 30's to mid-40's. Proteins ranging from 12% to 16%.

Medford/Deer Creek- *Harvest is reported 99% complete.* Test weights on early cuttings ranging from 58 to 61 pounds per bushel. Yields in this region have been reported to be making better because of timely rains. The yields are ranging from low 30's to mid-40's. Some reports on management intensive wheat to be making in the high 60's. Proteins have been ranging from 11% to 16%.

Perry/Tonkawa/Ponca City/Blackwell- Harvest reported at 99% complete. Test weights ranging from 58 to 61 pounds per bushel. Protein averages around 12 to 13%. Yields making in the mid 20's to mid-40's with some areas reporting higher yields on management intensive wheat.

Northeast & Eastern Oklahoma

Afton/Miami/Wetumka/Webber Falls - Afton is 99% complete, Miami is 99% complete. Wetumka and Webber Falls is at 99% complete. Test weights on both the Hard Red Winter (HRW) and Soft Red Winter (SRW) wheat is ranging from 60 pounds to 65 pounds per bushel. Yields on both the HRW and SRW ranging from 30 bushels to 65 bushels per acre, depending on variety and management practices. No proteins reported at this time, no sprout damage has been reported for wheat in this region.

Panhandle

Balko- Dryland and irrigated wheat harvest is 99% complete. The dryland wheat in parts of this region are doing better than anticipated with reports ranging from mid-teens to low 40's. Irrigated wheat in this region ranging from mid 40's to the mid 80's with higher yields than expected given the year. Test weights ranging from 62 to 64 pounds per bushel. Proteins averaging 12.5%

Hooker- Harvest on the dryland and irrigated wheat is 99% complete. Yields on the dryland wheat making from 5 bushels per acre to in the mid 20's depending on location. Yields on the irrigated wheat ranging from the low 40's to mid 70's. Test weights on the dryland wheat weighing 63 pounds to 64 pounds per bushel, nothing weighing less than 60 pounds per bushel on the irrigated wheat. Protein for this region being reported at 12.5%.



Day 16, Kansas Wheat Harvest Report

Posted July 6, 2022

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This is day 16 of the Kansas Wheat Harvest Reports, brought to you by the Kansas Wheat Commission, Kansas Association of Wheat Growers and the Kansas Grain and Feed Association.

Kansas producers are wrapping up their harvest in far western counties, while farmers wait out humidity to continue cutting in the north-central region.

Adrian Polansky has been harvesting since June 28 in Republic County near Cuba, a few days later than normal. Polansky Seed, Inc. has about half their wheat out of the field, and he estimates at least another week left of cutting, depending on rain.

He is happy with this year's crop, averaging 75 bushels per acre. Polansky is happy with the decision he made in the 1980s to spray fungicide. He notes the practice is paying off with beautiful, picturesque wheat fields.

Varieties planted included Polansky Seed's Rockstar and Paradise as well as AgriPro/Syngenta's AP Bigfoot and SY Wolverine. Rockstar is the most popular and is having the best performance this year.

Only two producers have a few more truckloads to deliver and then harvest will be complete around Hill City in Graham County, according to Daryl Popp with Frontier Ag Inc. While harvest went well, acres in the area were down quite a bit, so total bushels taken in were also down substantially.

Popp reported harvest had a wide range between pretty good and pretty poor. Yields ranged from 89 bushels per acre to basically nothing, with most farmers averaging 35 to 45 bushels per acre. Proteins also saw a wide range from eight percent to 15 percent. While the average is sitting around 11 to 11.5 percent, Popp noted the elevator saw a lot more low protein wheat than high protein.

Test weights stayed excellent at 60 to 62 pounds per bushel, with a few loads coming in up to 64 pounds per bushel. Popp said that the main factor influencing the crop's success or disappointment was rainfall, but crop rotations also played a major role in the crop's development.

The Kansas wheat harvest is also finishing across the draw area of Skyland Grain, according to Matt Overturf, the executive vice president for grain marketing. Overturf is based in the Johnson location in Stanton County, but Skyland Grain covers a wide swath of the western portion of the state.

With a pretty big draw area, wheat harvest was truly a mixed bag. Overturf noted the southwest corner of Kansas was the worst — only cutting 25 to 30 percent of the crop. Dryland wheat, when not insured out before harvest, only yielded around 15 bushels per acre. It was not a good year for irrigated wheat either in this area with yields averaging between 50 and 60 bushels per acre.

In the northern part of the region, up toward Hamilton and north, dryland yields improved to 30 to 40 bushels per acre. The eastern portion of the draw area near Cunningham only took in two-thirds of a crop, but Overturf said it had excellent quality.

Overall test weights held on throughout rain showers that knocked down the average to 58 pounds per bushel. Before the storms, test weights were averaging 62 to 63 pounds per bushel.

“We can’t complain about the quality across the area,” he said.

Overturf reported the western part of the state normally has some protein and this year’s levels are higher than normal. The wheat didn’t get a lot of help from Mother Nature and some areas west of Stanton County went more than 300 days without a rain event over a quarter of an inch.

Despite the impact of drought, he noted this year’s wheat should be a product that will find an end market from both domestic milling and export destinations.

“The Kansas crop is certainly a smaller crop than normal, but we’re going to have good domestic demand,” he said. “We just need some export demand to go with it.”

The 2022 Harvest Report is brought to you by the Kansas Wheat Commission, Kansas Association of Wheat Growers and the Kansas Grain and Feed Association. To follow along with harvest updates on Twitter, use #wheatharvest22. Tag us at @kansaswheat on [Facebook](#), [Instagram](#) and [Twitter](#) to share your harvest story and photos.

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Written by Julia Debes for Kansas Wheat

