

Harvest Summary of HRW June 24, 2022

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

<u>State</u>	<u>Percent Complete:</u>
○ Texas	78%
○ Oklahoma	89%
○ Kansas	35%
○ Colorado	0%
○ Nebraska	0%
○ South Dakota	0%
○ Montana	0%
○ Washington	0%
○ Oregon	0%
○ Idaho	0%
○ Wyoming	0%

The 2022 HRW harvest in Oklahoma is now speeding its way into the final stages as the crop is now approaching the 90% completion mark. For the most part hot and windy conditions over the last 10 days or so have continued to allow significant progress with harvest in Texas/Oklahoma/Kansas. Yield reports are consistently in the 20 bu/ac to 30 bu/ac range (with higher and lower exceptions). Texas progress has slowed as harvest moved into the higher elevations of the Texas Panhandle.

Test weights continue to average around the 60 lb/bu range with protein averaging above 12.5% (with some isolated reports over 15%). There are now 126 samples in the lab (after 23 last week) with no expectation of that pace slowing over the next couple of weeks. Sample results below reflect only those samples that have actually entered the testing chain not the total samples received.

PGI only pulls samples when at least 30% of the harvest is complete within a geographical area. **Very early** testing results listed below are those receive mainly out of OK (107) with the remainder out of TX and extreme southern KS. The Oklahoma Wheat Commission extended report starts on page 5 and the Kansas extended report starts on page 7.

June 17, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
23	520	10.9	13.4	0.5			HRW 1	60.4 79.5				

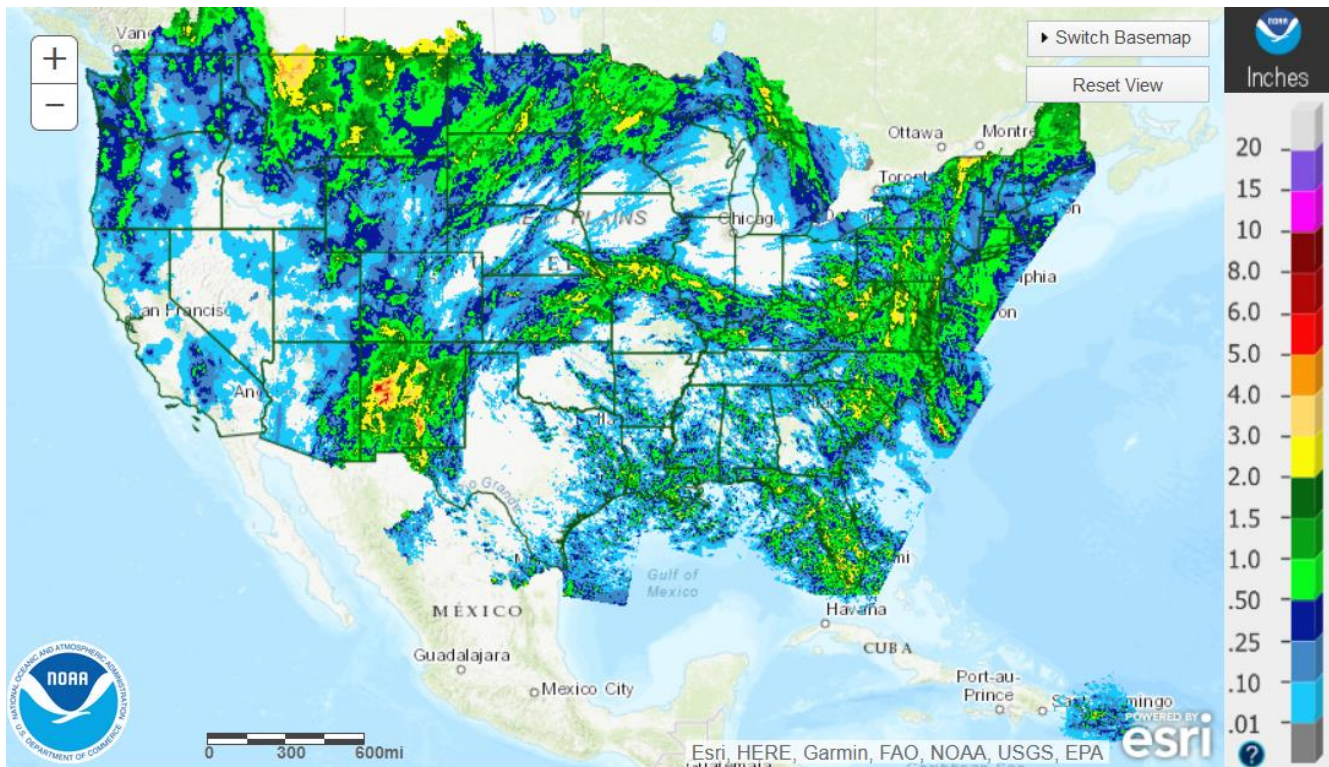
June 24, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
126**	520	11.1	12.3	0.4	30.3		HRW 1	60.5 79.6	0.1	0.4	0.8	1.3

**All 126 samples are in various stages of testing.

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NOAA Observed Precipitation over the last 7 Days ending 6/23/2022



States Update:

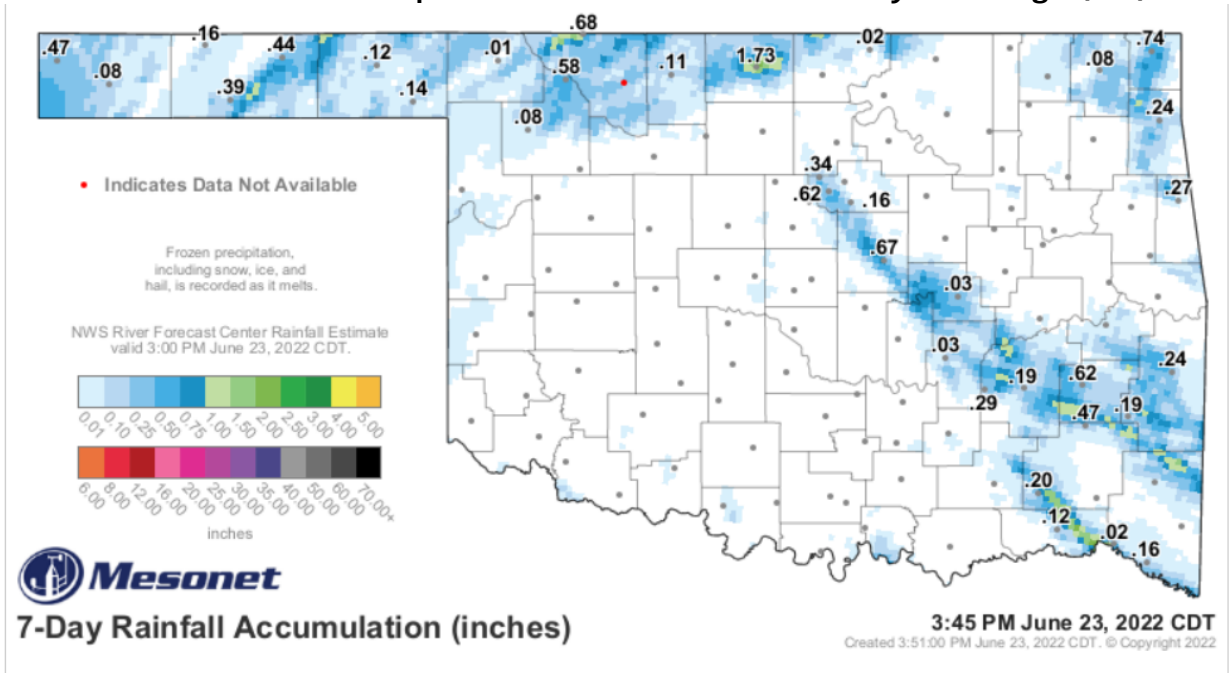
June 23, 2022

1. **Oklahoma** – 85% harvested, showers in N. OK ¼-1/2 in. Hot/dry. 56% P-VP, 30% F, 12% G, 2% E. 58-59 TW avg., better TW in N.OK and Panhandle (60-62 lb avg.) 12.5%-13% Pro. SRW harvesting (2% of crop production NE state). Yields favorable 30-60 bu/ac, TW 60+. Genetics helping crop.
2. **Kansas** – Lower yields - highs 60s/15-25 bushels – dry. TW 60 lb, kernel characteristics good. Harvested 30% in 12 days. Central state some issues – rain past 48 hours. Compare to 2018. Great quality Southern plains HRW crop. Powerful genetics. Proteins good, variability. 12+ higher pro, 260-280 mln range. Rain forecast. SRW acres increasing (SE corner) slight vomitoxin.
3. **Texas** - 72% harvested. Expect completion week-10 days. Quick harvest- limited acres/ favorable weather. Low yields - Dryland 10-15/Irrigated 40-60. Good quality some areas low TW, most 58- 60. Protein avg. +12%.
4. **Colorado** – Hot/dry/wind not good during grain fill. Changing color est. 10 days from harvesting. NASS decline, 0% E, 14% G, 32% F, 25% P, 29% VP. 8% headed, 48% turning color, 2% mature. Cooler temps forecast, minimal rain.
5. **Nebraska** – Spotty showers across state, hail. Northern Panhandle est. 3 weeks from harvest, some fields zeroed out, some 10-15 bu/ac. Decent weather past week, warm temps. Some mosaic, barley yellow dwarf. Localized areas. 3-5 days from harvest in southern counties. USDA 25% G-E, 30% F.

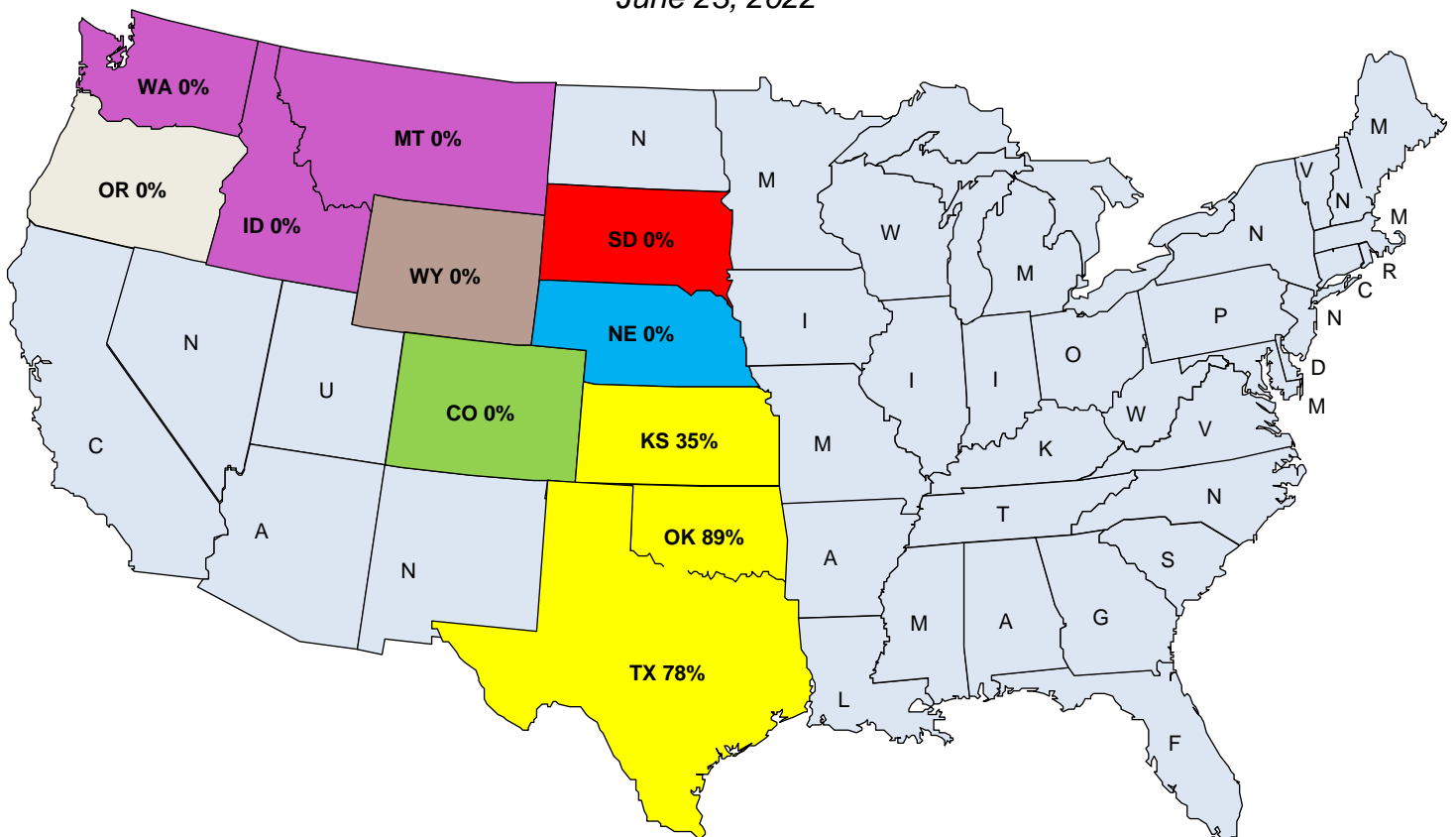
6. **Wyoming** – mid-30s yields, high winds (113 mph) and 100+ temps. Cool/showers. Mostly headed, 44% P-VP, 8% G, 0% E. Not seeing sawfly damage. Expect to see harvest around July 14th.
7. **South Dakota** - HRW: 24% P/VP, 41% F, 35% G/VG - 76% Headed. HRS: 10% P/VP, 24% F, 66% G/VG - 15% Headed. Heading for both HRW & HRS significantly behind 5-year avg.
8. **North Dakota** – Crop conditions improved. Growth accelerated; spring Monday 80% emerged. Pushing harvest into mid-September. Planting mostly complete. 71% G-E, 0% P-VP. Hot but cooler weather 60s/70s) forecast.
9. **Idaho** – Slight precip. Moderate rust concerns. Dry, state warming. Winter 77% G-E, 44% headed vs. 80% avg. Spring 73% G-E, 9% headed vs. 20% avg. 10 day outlook dry/warming. 10 days – 2 weeks behind in southern state, 3 weeks northern state.
10. **Oregon** – Warmer weather. Conditions improved 80% G-E winter, 16% F, 4% P-VP. Breeder retiring year end. Crop looks very good, expect slight harvest delays.
11. **Washington** - 5.4 days fieldwork. Temps below avg. Winter 13% E, 58% G, 24% F, 4% P, and 1% VP. Spring 8% E, 81% G, 8% F, and 3% VP. Winter 67% headed vs. 93% 5 yr. Spring 99% emerged, 15% headed.
12. **Maryland (Jason)** - My area 40-50% harvested. Above avg. yields, good TW. Some DON showing up with very high levels (5-6 ppm) on wheat that wasn't sprayed with fungicide. Most people sprayed under 2 ppm. Storms forecast.
13. **USDA/ARS**– 126 samples, avg TW 60.5 vs. 61.2 2021, 61.8 2020. 23 samples arriving today. 20 TX, 107 OK, Abilene avg. 59 range (lowest seen so far). Highest Enid, Hugoton, Wichita avg. 61-62, some 63s. Pro (OK/TX) – 12-13%, some 15s from Abilene, 14s Enid/Alba. Amazing protein contents. Good-above avg TW with higher protein content. % L kernels down from 2021 (10%) 56% vs. 65% 2021. Larger % M kernels (42% vs. 33%) Small 1%. Single kernel avg kernel weight 30 mg. 2020-31, diameter 2.6 mm vs. 2.58, 64 vs. 61 2021 67 2020 – hardness, 1000 KW 30 g. No end use data yet. Expect more KS samples next week.
14. **GPAL** – Sample collection complete NC and VA. MD end this week. Avg TW. in NC slightly higher than last 2021, statewide protein above 2021. FN avg. for NC vastly improved over 2021. Flour data for NC-04 slightly higher flour yield vs. 21. Wet gluten was higher vs. 2021, farinograph data similar, year over year. Harvest under way in AK, Tennessee and Kentucky. Sample collection complete in KY. Some outstanding samples to collect from AK/TN. Sample collection starting in IL and IN. Next week wheat/flour data completed for NC-05, and wheat data for VA-06, VA-07, KY-18, and potentially IN-12, MD-16 and MD-17 if the weather cooperates.
15. **WMC** – No samples yet. Training new intern. Hearing expected delay about 2 weeks in harvest, but heat this weekend so could accelerate.
16. **Rail/logistics** – Struggling to hire people (hoping for 1700 conductors by end of year).

17. **WQC** – Plump but tiny kernels. TW and 1000 kernel weight decent. Not baked much, high protein, farinographs/baking quality looks good in KS. Good averages especially given heat. Optimistic about milling quality.

Oklahoma Observed Precipitation over the last 7 days ending 6/23/2022



Percent HRW Harvested by State
 June 23, 2022



Oklahoma Wheat Harvest At 85% Complete

Oklahoma Harvest Report

By: the Oklahoma Wheat Commission

Wednesday June 22, 2022

Oklahoma Wheat harvest is pretty well wrapped up in parts of Southwest, South Central and Central Oklahoma regions, with harvest moving forward in North Central regions from Pond Creek, to Medford, Tonkawa, Blackwell and Ponca City regions. Harvest is also moving forward in Northeast and at Eastern Oklahoma locations as well as in the Panhandle regions of the state.

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 weights have been lowered from Southern Oklahoma to Central Oklahoma, but based on earlier cuttings with higher test weights most locations are still hoping for a 58 bushel per pound average. Test weights being reported from Enid North around Jefferson, Medford, Lamont, Renfrow, Perry, Tonkawa, Ponca City, and Blackwell ranging from 58-61 pounds. Harvest continues in Northeast Oklahoma, up around Afton and Miami this week, the majority of the crop in this region is Soft Red Winter (SRW) wheat although some Hard Red Winter (HRW) is also being harvested in this area. Yields in Northeast Oklahoma coming in strong ranging from 30 to 60 bushels per acre on both the HRW and SRW wheat. Dryland wheat harvest is progressing in the Panhandle with irrigated wheat also now being harvested. Yields on both the dryland and irrigated wheat coming in extremely low, with dryland ranging from 5 bushels per acre to mid 20's, with newer reports of some dryland making in the low 40's. Irrigated wheat ranging from the mid 40's to mid 80's. ***The Oklahoma Wheat Commission is now calling Oklahoma wheat harvest 85% completed. See definitions of classes and what they are used for below.***

****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 99% complete, Devol is 99% complete, Chattanooga is 99% complete, Lawton is reported 99% 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 99% 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 99% 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 97% 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 90% 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 90% 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 99% 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 93% 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 94% 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 99% 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 96% 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 93% 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 90% 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 95% 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 90% 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 85% 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- *Producers in this region are moving forward and harvest is reported 80% 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 80% 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 75% complete, Miami is 55% complete. Wetumka and Webber Falls is at 80% 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 harvest is 85% complete, irrigated wheat harvest is 45% 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 wheat is progressing with 80 to 85% of the dryland wheat being harvested. Harvest on the irrigated wheat reported at 35% complete. Yields on the dryland wheat making from 5 bushels per acre to in the mid 20's depending on location. Yields on the early irrigated wheat not favorable with reports on early cuttings making in the low to mid 40's, with a few reports of some making in the mid 60's to low 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%.*



FOR IMMEDIATE RELEASE

June 22, 2022

Contact: Marsha Boswell, mboswell@kswheat.com

For audio file, please visit kswheat.com.

This is day 8 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.

Scattered showers moved through Kansas on Tuesday night, pushing pause on the Kansas wheat harvest. Severe weather hit the eastern two-thirds of the state with gusty winds and a small, confirmed tornado in Ellsworth. Further west, rain totals didn't amount to much, but the lower temperatures, high humidity and overcast conditions meant harvest was still under rain delay for many producers on Wednesday.

Ahead of the rain on Tuesday, Kansas Wheat staff stopped by the harvest field in Hamilton County. Jason Ochs, who farms near Syracuse, was cutting a field of hard white wheat that was coming in dry at nine percent moisture with a good test weight of 61.5 pounds per bushel.

Area yields are being reported at nine to 25 bushels per acre, but anything over 20 bushels per acre would be a stretch for this part of Kansas due to the extreme drought throughout the growing season.

On the county line between Stafford and Reno counties, farmer Randy Fritzeimer was about halfway through wheat harvest before a quarter inch of rain shut down cutting on Tuesday night.

Yields are disappointing in the low 30s bushels per acre, but the wheat is some of the best quality he has cut with test weights at 61 to 64 pounds per bushel. Despite lower-than-average yields, Fritzeimer was surprised at how well the crop turned out. He had to replant fields due to significant rainfall during planting, but then the weather turned so dry that the windstorm on December 15 filled the house with dirt. This spring brought around 1.5 inches of rain during heading and another 4.5 inches while kernels were filling, helping finish off the crop.

He had planned for a custom-cutting crew to help him finish off the wheat harvest, but with delays from the crew, Fritzeimer said he'll keep cutting until they arrive.

Farmers expect to climb back into the combine cab as soon as field conditions allow, likely following triple-digit temperatures on Thursday and Friday.

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 [#weatharvest22](https://twitter.com/ksweatharvest22). Tag us at [@kansaswheat](https://www.facebook.com/kansaswheat) on Facebook, Instagram and Twitter to share your harvest story and photos.

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