

Harvest Summary of HRW September 16, 2022

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

<u>State</u>	<u>Percent Complete:</u>
○ Texas	100%
○ Oklahoma	100%
○ Kansas	100%
○ Colorado	100%
○ Nebraska	100%
○ South Dakota	100%
○ Montana	100%
○ Washington	100%
○ Oregon	100%
○ Idaho	100%
○ Wyoming	100%

This week will wrap up the weekly 2022 HRW reports. However, a final report will be issued when all testing is complete, and data has been evaluated (approximately 2 weeks). As was reported last week there are now 524 samples now in the lab covering 11 states across 75 grainsheds in various stages of testing from completed to composited for mill/dough/bake evaluation. All states are now 100% complete with the 2022 HRW wheat harvest. Of the total 524 samples now in the lab, 340 are Gulf Tributary.

Gulf Tributary weighted kernel data (340 samples): Overall, 60% of the Gulf Tributary crop is U.S. No. 1, 58% of the samples are high protein (>12.5 % protein) and 86% of the samples graded U.S. No. 2 or better. Average test weight of 60.4 lb./bu. (79.4 kg/hl) is below 2021 of 60.6 lb./bu. (79.7 kg/hl) and below the 5-year average of 60.5 lb./bu. (79.6 kg/hl). Average dockage (0.5%) and is equal to 2021 and the 5-year average of (0.5%), total defects of (2.3%) is above 2021 (1.8%) and the 5-year average of 1.5%, foreign material (0.2%) is below the 2021 average of (0.3%) and equal to and the 5-year average of (0.2%). Average shrunken and broken is (1.2%) is above last year (0.9%) and above the 5-year average of 1.0%. Average thousand kernel weight of 30.4 g is below last year (30.9%) and the 5-year average (30.7%). Protein is (13.0%), equal to last year (11.6%) and below the 5-year average (11.7%). The average wheat falling number is 337 sec, indicative of sound wheat.

Below is data collected from 524 samples collected across 11 states and is **unweighted**.

September 9, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
524**	520	10.4	12.7	0.5	30.8	347	HRW 1	60.7 79.8	0.2	0.8	1.1	2.1
N=		458/520	458/520	458/520	458/520	458/520		458/520 458/520	458/520	458/520	458/520	458/520

¹All 458 samples are in various stages of testing.

September 16, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
524**	520	10.7	12.9	0.5	30.3	339	HRW 1	60.6 79.6	0.2	0.6	1.0	1.8
N=		524/524	524/524	524/524	524/524	524/524		524/524 524/524	524/524	524/524	524/524	524/524

¹All 457 samples are in various stages of testing⁴

The information contained herein is provided as a public service with the understanding Plains Grains, Inc. (PGI) makes no claims, promises, or guarantees about the absolute accuracy, completeness, or adequacy of the contents and expressly disclaims liability for errors and omissions in the contents. PGI may make changes to information at any time and add to, remove, update, or correct the information provided. While PGI attempts to maintain the highest accuracy of content, it makes no representations or warranties as to the completeness or accuracy of the information and data. Individuals accessing this website will make their own determination of how suitable the information and data is for their usage and intent. In no event will PGI be responsible for damages resulting from the use or reliance upon this information and data. PGI does not warrant that the use of this information is free of any claims of copyright infringement.

¹ Maps and Graphs on following pages:

September 15, 2022

- 1) **Kansas** – Dry, concerns. Planting slowly starting in SW corner. Central corridor very dry.
- 2) **Texas** – Trace moisture. NASS 17% planted (a lot of grazing/forage acres).
- 3) **Colorado** – 20% planted, 1% emerged. Cooler temps, minimal moisture. Drought monitor same. Rain needed in NE corner.
- 4) **Nebraska** – Slow planting progress, 5% vs. 15% avg. Dry conditions statewide.
- 5) **Minnesota** – ¾ done with harvest. Overall looks good. Few pockets of issues. Yields above trend, adequate pro (avg 14%), good TW, little ergot/DON issues. Est. 1 week to go.
- 6) **North Dakota** – NASS 80% Spring, 65% durum. Some increased precip./humidity. Good quality, some small pockets of DON/Ergot. Potential concerns with vitreous (varietal). Durum - some lower pro/hard counts.
- 7) **Montana** – Spring, winter, done (winter 20% planted) – great planting conditions. NE better than expected.
- 8) **Idaho** – 96% harvested winter, 86% harvested spring. 1 week left. Good rain in Southern state. 12% planted. Some pockets of lower TW.
- 9) **Oregon** – Harvest complete, very good crop.
- 10) **Washington** – 98% harvested, spring 92%, winter 26% planted. WSDA protein survey avg: SW pro 10.02%, club 10.49%, HRW 11.43%, HRS 11.43%.
- 11) **PGI/NASS** – Gulf tributary: 90% of land area in some type of drought conditions. First time seeing this as widespread/uniform. Lower acres planted, no grazing, little tiller development. No insect problems. Very uniform crop. Lends itself to higher milling yields. Flour yield avg. 78% (2021 75.1%, 5 year 75.3%). Illegal seed sales – not quality seed, could cause potential problems next year. W value above 2021. Stability – 5.7 min, 9.1 min (not as high as we like) overall loaf volume 940 CC, 867 2021. Significantly higher. Overall good crop.
- 12) **WMC** – 37 samples received. Missing Whitman County (largest producer).
- 13) **Brian Walker** – When weather cools off/wheat cools down will be the true milling test. Transition gone well, not seen/heard any issues with farinograph stabilities.