

Harvest Summary of HRW August 19, 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	71%
○ Washington	55%
○ Oregon	92%
○ Idaho	38%
○ Wyoming	100%

Harvest of the US 2022 HRW crop continues to progress, but due to climatic factors slowing ripening in the most northern and western areas of the US, overall progress has slowed with significantly fewer samples showing up in the lab over the last 2 weeks. As was indicated last week, the samples we do have (or are in transit) represent over 91% of the 2022 HRW wheat crop which has now been harvested. USDA NASS continues to show the 2022 crop is well behind the 2021 crop percent harvested at this point in time and the 5-year average harvested for this date. Harvest is now complete in all states south and southeast of Montana.

The most current lab results for the 56 composites now being tested; test weight (continues to average) 12.9%, protein (slightly lower than last week, but 1% Above 2021). Sizing/single kernel data: large kernels (57% vs. 65% in 2021). TKW is averaging 30.4 g over 56 composites and has been very consistent across samples. Buhler flour yield is currently averaging 78%, with ash of (0.53).

Farinograph water absorptions are just under 60% (not much difference within protein spread). Extensograph results slightly below 2021. Alveograph: P values 88 vs. 92 in 2021. W values 207 vs. 211 2021. Bake data – 64 vs. 62 2021. Mix times 3.4 vs. 3.2 in 2021. Mixing Tolerance 2.9 vs. 3.1 in 2021.

Below the data are the number of samples now tested/total projected for each testing parameter.

August 11, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
457**	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=		408/520	408/520	408/520	432/520	404/520		408/520 408/520	408/520	408/520	408/520	408/520

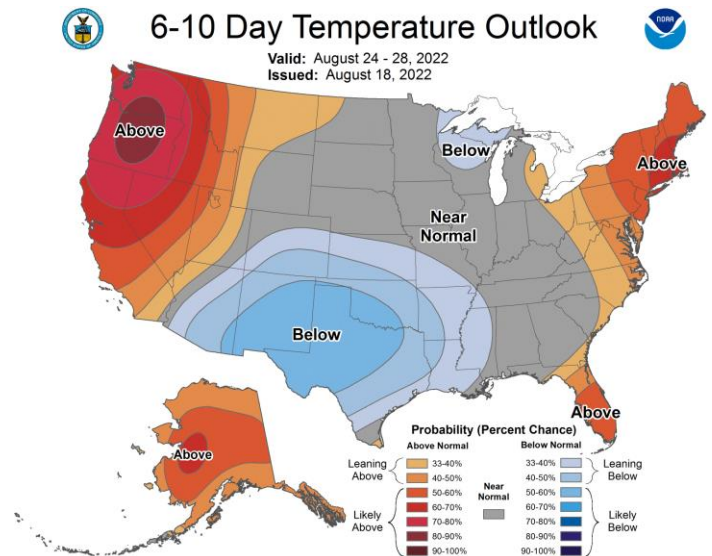
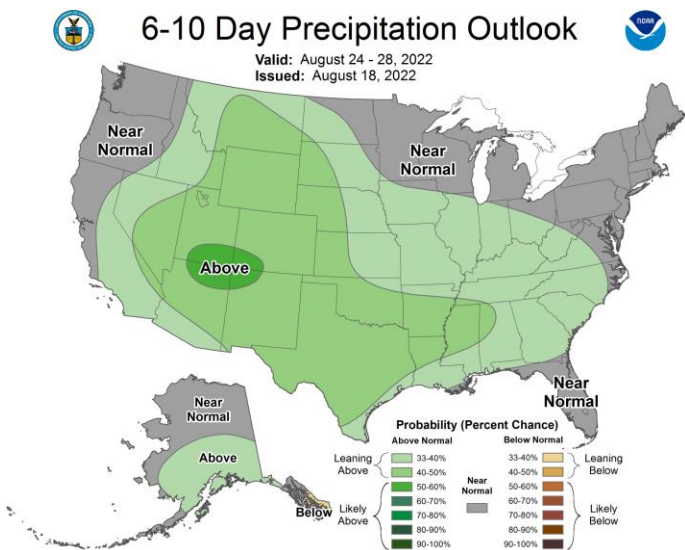
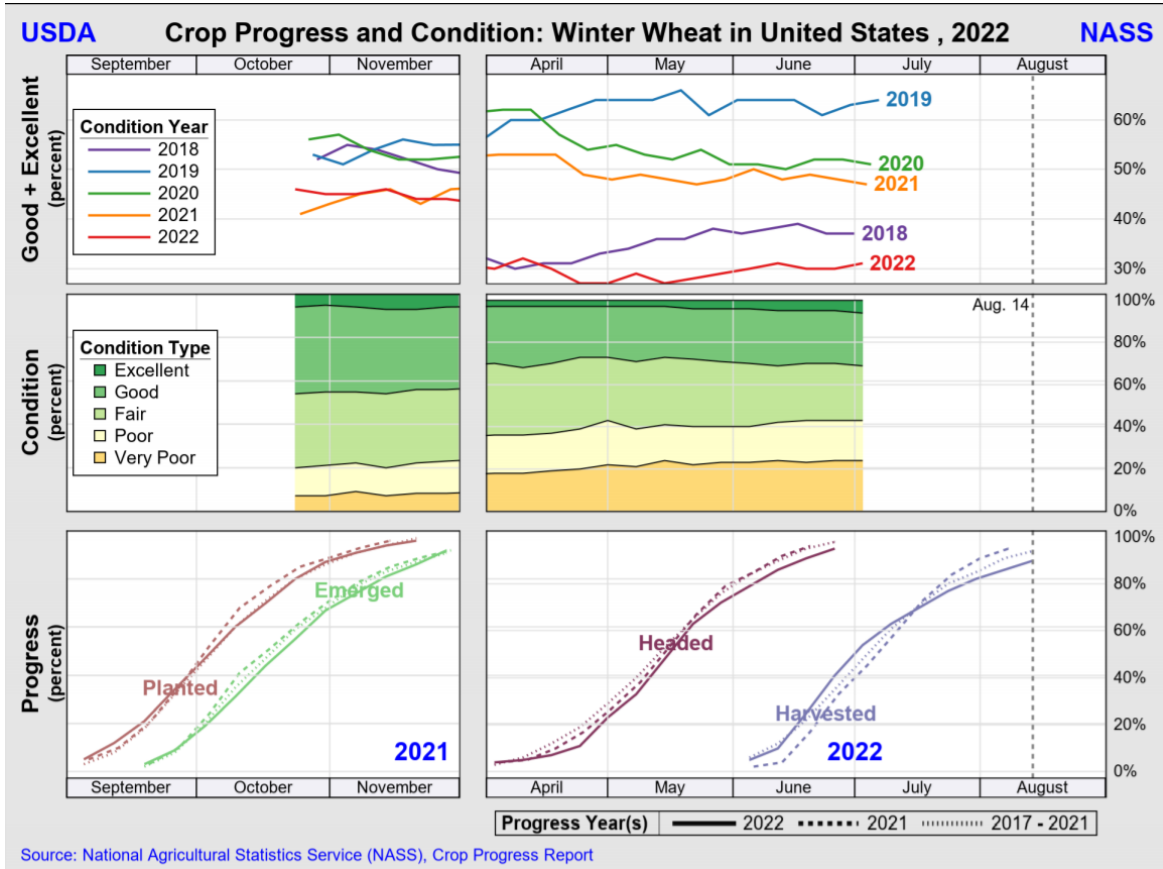
*All 457 samples are in various stages of testing.

August 18, 2022

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
457**	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=		439/520	439/520	439/520	439/520	439/520		439/520 439/520	439/520	439/520	439/520	439/520

*All 457 samples are in various stages of testing.

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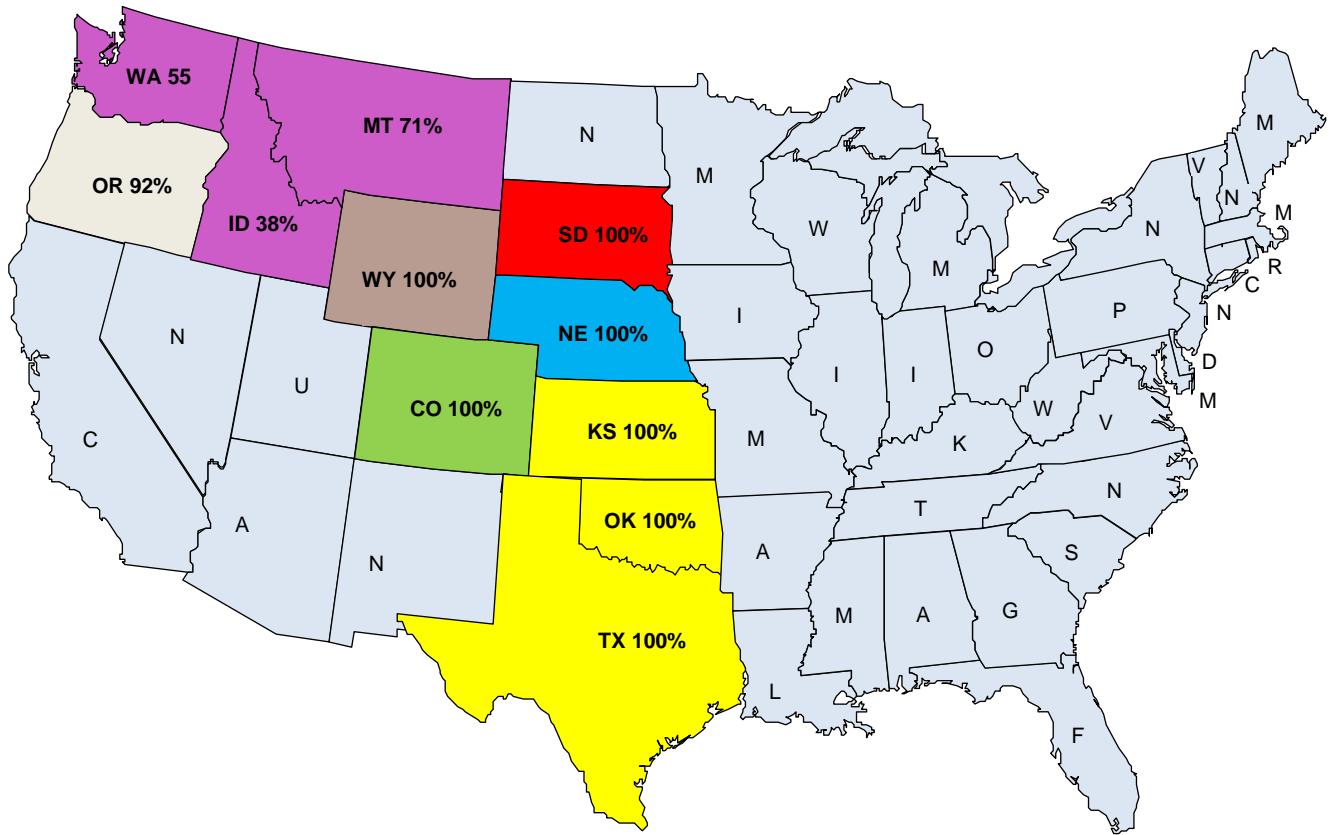
States Update:

August 18, 2022

1. **Colorado** – few weeks from planting. Spotty rain this week. NE State extreme/exceptional drought. Lower temps (mid-80s).
2. **South Dakota** – HRW: 94% Harvested. 760,000 acres harvested (+6% from 2021). 39.5 million bushels (+44%). 52 bushels per acre (+14). HRS: 72% Harvested. Harvest will approach completion this week. 730,000 acres harvested (+24%). 32.1 million bushels (+88%). 44 bpa (+15).
3. **Idaho** – 28% harvested winter, spring 14% harvested. Slow progress. Some rain SW. Central state. TW Slightly down – result of heatwave.
4. **Montana** – Durum 19%, Spring wheat 26%, Winter 71% harvested. Shifts into fair for durum/HRW. More into poor for HRW. Grasshoppers.
5. **Oregon** – Record yields reported. Challenges finding capacity to handle the wheat. Some elevators waiting on barge loadings to allow for additional trucks to dump, ground piles will max capacity. Slightly exacerbated from Pendleton Flour Mill fire. SWW pro 7.5-9.5 range, strong TW (61-63 common). Isolated hail storm NE state. Areas wrapping up in harvest. For the higher elevations, we will see producers running through early to mid-September.
6. **Washington** – Winter 17% E, 56% G, 23% F. Spring 13% E, 84% G, 3% F. Harvest very slow, est. 45% harvested vs. 74% avg. Spring 14% harvested vs. 39% avg. Crazy storm/wind damage/hail in small area, but damages (ID border/SE of Spokane). Dry, hot, no rain forecast. Reports of good protein, TW and no FN issues.
7. **PGI/USDA/ARS** – 451 samples. Still waiting for MT. 492 projected. TW 61 lb, protein 12.8 (1% Above 2021). Sizing/single kernel data: L kernels above M (57% L vs. 65% 2021). 1000 KW 30.4 g. 56 composites. Buhler flour yield running at 78%, ash – 0.53. Color 90. Farinograph – stabilities not great, water absorptions running just below 60% on farinograph. (not much difference with L, M protein). Extensograph slightly below 2021. Alveograph – P values 88 vs. 92 2021. W values 207 vs. 211 2021. Bake data – 64 vs. 62 2021 water absorption. Mix times 3.4 vs. 2021 3.2. Tolerances 2.9 vs. 3.1 2021. Can't really make a comparison year to year. Bake data showing similar to mixograph, seeing absorptions 2% higher than 2021, loaf volumes avg. 918 vs. 889 2021 (higher protein contents). Slightly off color for grain crumb, texture/color. Some weakness with overmixing but strength coming up to peak development time.
8. **WMC** – 190 samples, 14 white club samples. Club – similar trend with SW. lower pro, larger kernels, SW avg pro 9.2%.
9. **NDSU** – 2 weeks out for ND samples to come in.

Percent HRW Harvested by State

August 19, 2022



United States: Winter Wheat Production

