

Harvest Summary of HRW July 10, 2020

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

<u>State</u>	<u>Percent Complete:</u>
○ Texas	100%
○ Oklahoma	100%
○ Kansas	90%
○ Colorado	53%
○ Nebraska	42%
○ South Dakota	0%
○ Montana	0%
○ Washington	1%
○ Oregon	2%
○ Idaho	1%
○ Wyoming	0%

Limited amounts of moisture and continued heat fueled the 2020 HRW wheat harvest this week as it moved across the central US. With Texas and Oklahoma now 100% complete, Kansas is not far behind at 90% complete with harvest. Colorado is now 53% complete with harvest statewide ranging from winding down in the southeastern areas to being in full swing from the east central areas to the northeastern part of the state. Nebraska continues to also roll northward with harvest now 42% complete as cutting is being reported in all wheat producing areas. Washington (1%), Oregon (2%) and Idaho (1%) are just now getting started with harvest, but expect to be in full swing by this weekend into next week. All three states are projecting very good crops with good yields, good quality and good kernel characteristics.

As harvest has moved into areas of western Kansas, eastern Colorado and western Nebraska protein has increased as a result of stress caused by environmental conditions during the later stages of plant development (freeze and drought). These conditions have also affected kernel characteristics in the form of lower test weights, thousand kernel weights (TKW) and kernel diameters compared to areas harvested further east.

219 samples are now collected with 183 now in various stages of testing. These samples cover Texas, Oklahoma, the southeastern 2/3 of Kansas, southeastern Colorado and a limited number from extreme southern Nebraska. Test weights overall did drop slightly again this week from 62.5 lb/bu (82.2 kg/hl) last week to 61.8 lb/bu (80.3 kg/hl) last week. TKW dropped from last week's 33.0 grams to 31.4 grams this week. Like last week, this drop was expected as harvest (and sampling) moved further west into areas of ongoing drought and freeze concerns during later stages of plant development. Moisture dropped a full percentage point this week to 10.8% further indicating environmental challenges during development. Protein increased significantly this week to 11.6% overall, from 11.2% last week. It appears kernel characteristics and test weights have improved as harvest moves further north into central Nebraska while maintaining protein in the 11.5% to 12% range.

July 10, 2020 *Partial

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
183	500	10.8	11.6	0.5	31.4	365*	1HRW	61.8 81.3	0.2	0.2	0.8	1.2

July 2, 2020

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
125	500	11.8	11.2	0.5	33.0	-	1HRW	62.5 82.2	0.2	0.2	0.8	1.2

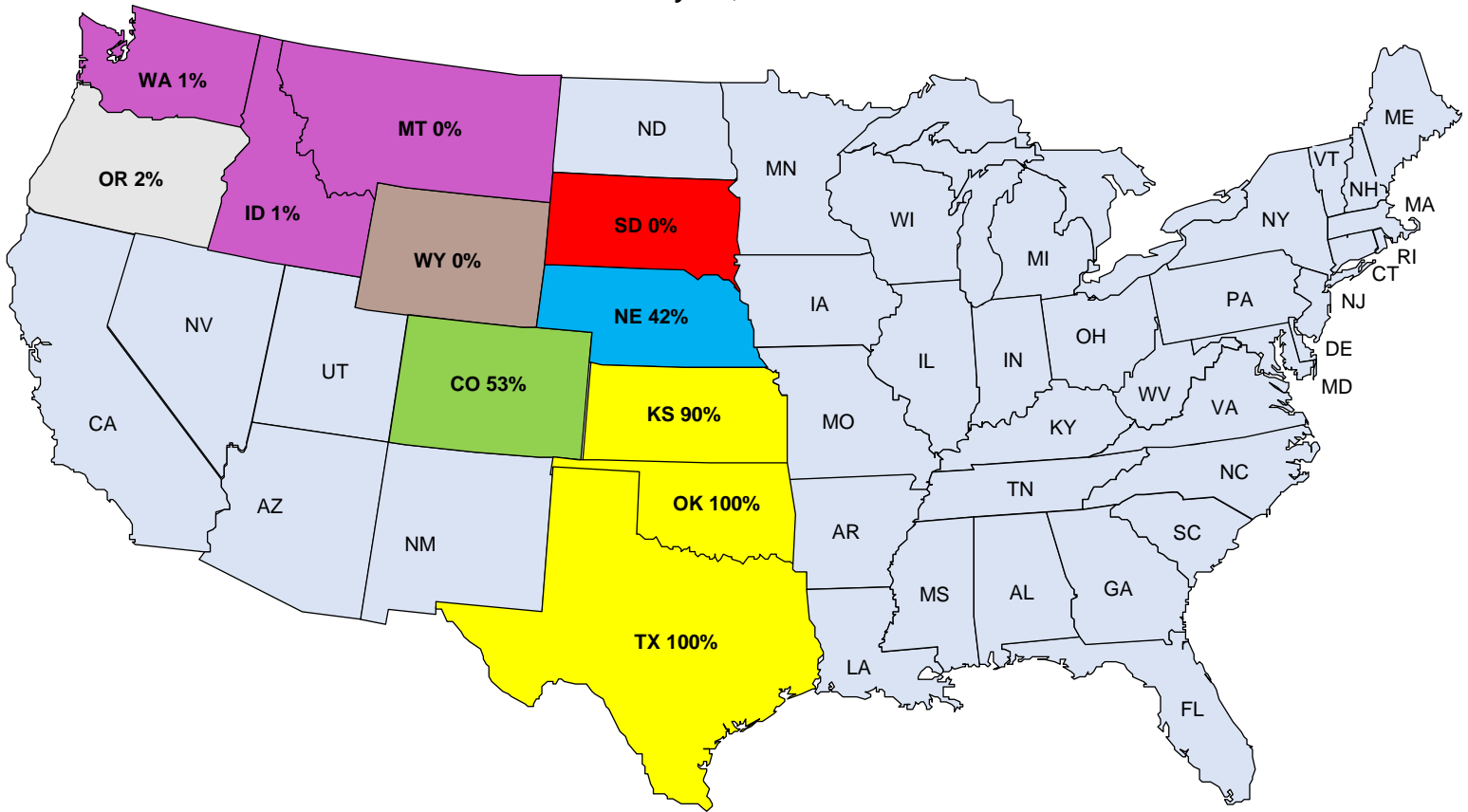
2019 Final

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grad	Test Weight	FM	DMG	S&B	DEF
494	Final	11.3	11.3	0.5	33.1	377	1HRW	60.8 80.0	0.1	0.3	0.8	1.2

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Percent HRW Harvested by State

July 10, 2020



Previous 7-Day Precipitation ending 12pm July 9, 2020

