

Harvest Summary of HRW August 26, 2016

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%
○ North Dakota	100%
○ Montana	100%
○ Washington	95%
○ Oregon	100%
○ Idaho	90%
○ Wyoming	100%

The 2016 HRW wheat harvest is virtually wrapped up with the states of Washington (95% complete) and Idaho (90% complete) expecting to finish over the next few days. Combines are still running in eastern Washington as scattered rain followed by abnormally high temperatures have plagued this harvest. However, even with challenging weather, early testing indicates Washington is currently averaging 61.9 lb/bu (81.4 kg/hl) test weight and Idaho is averaging 61.5 lb/bu (80.9 kg/hl). Thousand kernel weights in both states are also very good currently averaging over 33 grams. Overall kernel characteristics are consistently very good throughout all HRW production areas with very few exceptions.

Early mill/dough/bake testing out of Texas, Oklahoma and the southwest ¼ of Kansas indicates an impressive overall average mill yield of 76.9% compared to 73.8% for the overall Gulf Tributary 5-year average. That same area has an average flour protein of 10.5% (14% mb) compared to the 2015 overall Gulf Tributary average of 11.6% (14% mb). This same area is averaging a farinograph peak time of 4.1 minutes (5-year overall Gulf average is 5.6 minutes), a stability of 6.0 minutes (5-year overall Gulf average is 10.9 minutes) and an absorption of 60.1% (5-year overall Gulf average is 59.7%). Values have not been weighted for production. With 449 of an expected 530 samples in the lab overall protein did not change this week, however, TKW increased by 0.4 gram, TW increased by 0.1 lb/bu (0.1 kg/hl) and FN decreased by 1 second.

August 26, 2016

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
449	530	11.3	11.2	0.6	31.8	393	1HRW	60.7 79.8	0.2	0.2	0.9	1.3

August 19, 2016

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
412	530	11.3	11.2	0.6	31.4	394	1HRW	60.6 79.7	0.2	0.2	0.9	1.3

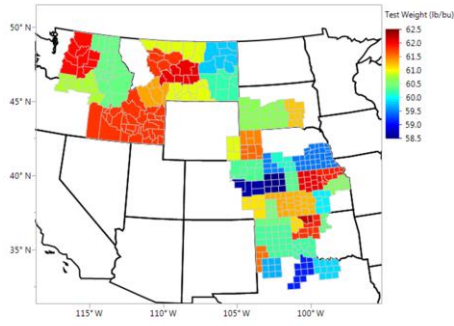
2015 Final

Samples

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
499	Final	11.1	12.3	0.7	29.8	400	2HRW	59.3 78.0	0.1	0.4	1.2	1.7

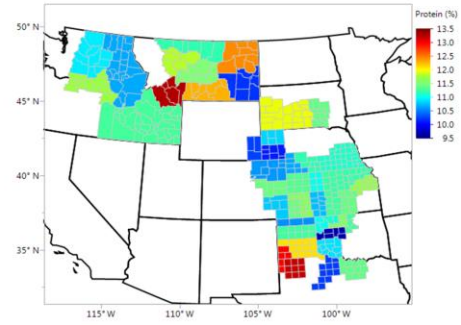
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Test Weight (lbs/bu), By Grainshed
Individual Samples



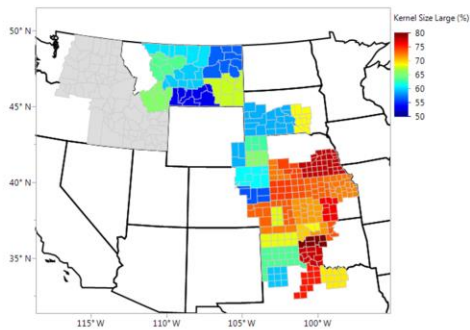
3

Wheat Protein (%), By Grainshed
Individual Samples



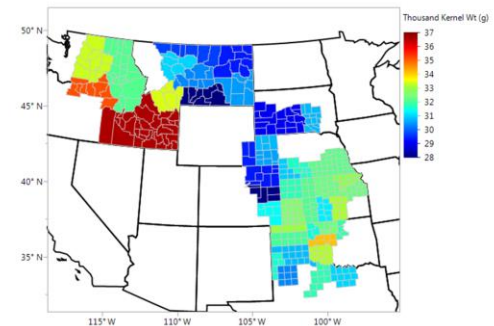
10

Kernel Size, Large (%), By Grainshed
Individual Samples



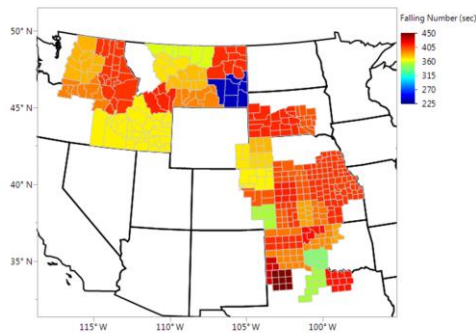
12

Thousand Kernel Weight (g), By Grainshed
Individual Samples



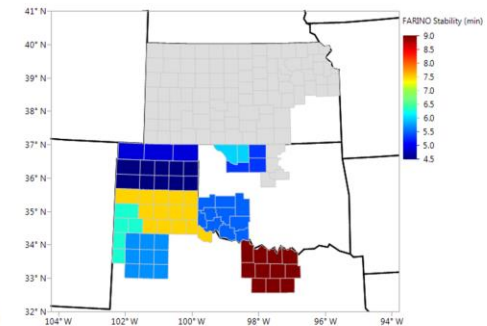
18

Wheat Falling Number (sec)
By Grainshed
Individual Samples

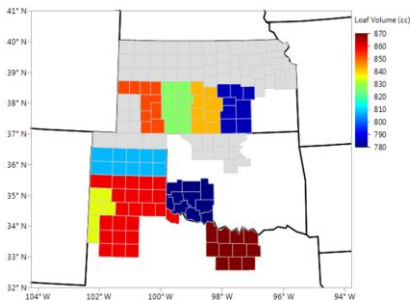


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Farinograph Stability (min), By Grainshed,
Composite Sample Averages



Loaf Volume, cc
Composite Sample Averages



Zeleny Sedimentation (cc)
By Grainshed, Composite Sample Averages

