

Harvest Summary of HRW September 2, 2016

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<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	100%
○ Oregon	100%
○ Idaho	100%
○ Wyoming	100%

The 2016 HRW wheat harvest is now complete. Overall, wheat producers have reported very good yields and very good kernel characteristics in all areas. Early in the harvest season the southern states were plagued with rain delays and concerns about what continued wet conditions would do to quality. However, most issues were local in nature and contained, test weight was the most common complaint with only slight reductions being reported. The moisture causing concern for the southern states turned out to help the crop from the middle of Oklahoma northward into Nebraska. While the moisture was too late to help Texas and the southern half of Oklahoma due to plant development stage, northern Oklahoma, all of Kansas, Colorado, and Nebraska experienced near perfect kernel development conditions as reflected in the kernel data below.

Data is now being reported on 462 samples of an expected 530. Samples remaining in transit to the lab are being shipped from the Pacific Northwest (Washington, Oregon and Idaho), two remaining samples from Montana and several from North Dakota. Current mill/dough/bake results include Texas, Oklahoma and Kansas and is continuing to indicate an impressive overall mill yield of 77.1%, up from last week's 76.9% and compared to 73.8% for the overall Gulf Tributary 5-year average. Overall flour protein is 10.4% (14% mb) compared to the 2015 overall Gulf Tributary average of 11.6% (14% mb). The farinograph peak time is now averaging 4.2 minutes up slightly from last week's 4.1 minutes, but below the (5-year overall Gulf average of 5.6 minutes), the stability time is now averaging 6.4 minutes vs last week's 6.0 minutes the (5-year overall Gulf average is 10.9 minutes) and an absorption of 59.9% (a slight drop from last week but still comparable to the 5-year overall Gulf average of 59.7%). Values have not been weighted for production.

September 2, 2016

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
462	530	11.3	11.2	0.6	31.4	391	1HRW	60.7 79.8	0.2	0.1	0.8	1.1

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

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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