

# Harvest Summary of HRW August 21, 2020

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<u>State</u>	<u>Percent Complete:</u>
○ Texas	100%
○ Oklahoma	100%
○ Kansas	100%
○ Colorado	100%
○ Nebraska	100%
○ South Dakota	100%
○ Montana	71%
○ Washington	77%
○ Oregon	95%
○ Idaho	78%
○ Wyoming	100%

If harvest weather holds across the Pacific Northwest for the next 5 to 7 days, the 2020 HRW wheat harvest will be completed. All remaining states still harvesting are over 70% complete with harvest. Montana (71% complete) continues to report good yields with most areas reporting above 50 bu/ac (3.4 t/ha) with a few limited exceptions. Some limited insect damage is being reported in the central part of the state. Overall reported quality is good. Oregon, now 95% complete with harvest, reports average to above average yields with good test weight and no falling number issues. There have been a few reports of lower proteins as harvest starts to wind down. Idaho, now 78% complete with harvest, reports average to above average yields. No falling number or insect damage reported. Washington, now 77% complete with harvest, is averaging 11.8% protein on 1300 samples collected and tested through the Washington State Department of Agriculture Grain Inspection labs (in Spokane, Colfax and Pasco).

There are now 367 individual samples in various stages of testing. Overall test weight increased to 61.5 lb/bu (80.9 kg/hl); slightly above last year average; kernel sizing L 58.9; M 31.9; S 1.7; 364 single kernel data: TKW average is 30.6 g; 2.58 mm diameter (slightly below quality target of 2.60); average kernel hardness is 66.6; protein average 12.0 % ; falling number average 368 seconds. Composite flour data: milling in final stages. Partial data on first 52 composites: still seeing some variability in dough strength (farinograph stability and breakdown times); seeing some improvement in dough strength as moving into the higher protein samples. Protein of most composites received so far range from 9.7% up to 12.5%. Partial data for 36 composites of bake data for loaf volume; 849 cc (composite average), has R squared of .82 (really high), if you look at flour protein content alone, 80% of variability is going to be predicted just by looking at protein content for this year. NOTE: Sample averages are simple averages not weighted for production.

## August 21, 2020 \*Partial

Tst	Exp	MST*	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
367	500	10.9*	12.0*	0.5*	30.6*	368*	1HRW	61.5* 80.9*	0.2*	0.2*	1.2*	1.6*

## August 14, 2020 \*Partial

Tst	Exp	MST*	Pro %	DKG	TKW	FN	Grade	Test Weight	FM	DMG	S&B	DEF
336	500	10.4*	12.0*	0.5*	30.0*	367*	1HRW	61.3* 80.6*	0.2*	0.2*	1.3*	1.7*

## 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

August 21, 2020

