

**Wheat, No. 2 Canada Western Red Spring**

Quality Parameter ^a	2019		2018	
	Prairie Composite ^b		Prairie Composite ^b	
Wheat^c				
Test Weight, kg/hL	80.4		79.8	
Weight Per 1000 Kernels, g	36.4		35.7	
Protein Content, %	13.3		13.7	
Protein Content, % (dry matter basis)	15.4		15.8	
Ash Content, %	1.50		1.44	
Falling Number, s	335		385	
Particle Size Index, %	53		54	
Milling Flour Yield - Bühler Laboratory Mill^d				
Total Products Basis, %	74.1		76.3	
0.50% Ash Basis, %	76.1		78.3	
Flour^c				
Extraction, %	Straight Grade		Straight Grade	
	74.1%	74%	76.3%	74%
Protein Content, %	12.8	12.8	12.8	12.6
Protein Loss, %	0.5	0.5	0.9	1.1
Wet Gluten Content, %	34.2	34.3	34.4	33.9
Gluten Index, %	94.7	96.7	96.8	93.9
Ash Content, %	0.46	0.46	0.46	0.43
Starch Damage, %	7.3	7.3	7.0	7.0
Amylograph Peak Viscosity, BU	315	280	415	440
Farinogram^c				
Absorption, %	64.0	63.8	63.3	63.0
Dough Development Time (DDT), min	5.50	5.50	5.50	5.75
Stability, min	8.5	8.0	9.0	9.0
Mixing Tolerance Index, (MTI) BU	35	35	30	25
Extensogram (135 minutes)^c				
Maximum Resistance (Rmax), BU	412	411	473	496
Extensibility (Length), cm	22.4	22.9	21.8	22.0
Area, cm ²	121	123	133	143
Alveogram^c				
P (height x 1.1), mm	110	113	111	110
L (length), mm	98	101	101	104
P/L	1.12	1.12	1.10	1.06
W, 10 ⁻⁴ J	373	390	397	405
le, %	60.1	60.1	62.2	62.8

^a Data are reported on a 13.5% moisture basis for wheat and a 14.0% moisture basis for flour.

^b Prairie composite prepared using wheat samples from the CGC's Harvest Sample Program (HSP)

^c Performed at CGC

^d Performed at Cigi