



Wheat, No. 2 Canada Western Red Spring - Buhler laboratory mill - 12.5% protein

Quality parameter ¹	2014		2013
	Western Prairies ²	Eastern Prairies ³	Prairie composite ⁴
Flour			
Extraction, %	74%	74%	74%
Water Dough Noodle			
Brightness 2 hr (L*)	79.02	79.32	79.66
Redness 2 hr (a*)	2.42	2.55	2.62
Yellowness 2 hr (b*)	23.59	23.22	24.34
Yellow Alkaline Noodle			
Brightness 2 hr raw (L*)	77.93	78.95	79.13
Redness 2 hr raw (a*)	0.26	0.19	0.02
Yellowness 2 hr raw (b*)	28.45	26.24	27.95
Brightness 24 hr raw (L*)	73.35	73.2	72.82
Redness 24 hr raw (a*)	0.85	1.11	0.81
Yellowness 24 hr raw (b*)	28.62	27.71	28.76
Specks /25cm ² (24 hr raw)	272.00	280	304.00
Brightness cooked (L*)	68.04	66.74	67.20
Redness cooked (a*)	-1.02	-0.73	-0.90
Yellowness cooked (b*)	28.19	27.44	28.78
Texture			
Thickness (mm)	2.37	2.32	2.44
Maximum Cutting Stress g/mm ² (Bite)	29.50	28.46	30.82
Resistance to Compress (Chewiness)	26.09	24.48	26.34
Recovery (Chewiness)	31.86	31.04	31.15
White Salted Noodles			
Brightness 2 hr raw (L*)	80.92	79.94	79.92
Redness 2 hr raw (a*)	2.54	2.73	2.73
Yellowness 2 hr raw (b*)	23.27	23.12	23.67
Brightness 24 hr raw (L*)	75.11	74.26	75.10
Redness 24 hr raw (a*)	3.45	3.55	3.42
Yellowness 24 hr raw (b*)	24.82	24.19	24.47
Specks /25cm ² (24 hr raw)	121.50	146.00	127.00
Brightness cooked (L*)	74.46	73.75	74.66
Redness cooked (a*)	1.15	1.19	1.07
Yellowness cooked (b*)	20.07	19.07	19.70
Texture			
Thickness (mm)	2.49	2.59	2.49
Maximum Cutting Stress g/mm ² (Bite)	27.30	27.62	24.67
Resistance to Compress (Chewiness)	20.24	20.90	20.90
Recovery (Chewiness)	23.94	24.25	24.15

¹ Data are reported on a 13.5% moisture basis for wheat and a 14.0% moisture basis for flour.

² Western Prairies includes BC, AB, western SK (crop regions 5, 7-10) - see crop region map

³ Eastern Prairies includes eastern SK and MB (crop regions 1-4, 6) - see crop region map

<http://www.grainscanada.gc.ca/wheat-ble/harvest-recolte/2014/wheat-ble-cwrs-en.htm>

⁴ Prairie composite of 2013 crop was remilled on the Buhler laboratory mill along with the composites of 2014 crop

