



Wheat, No. 3 Canada Western Red Spring - Buhler laboratory mill

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*)	78.24	78.50	79.36
Redness 2 hr (a*)	2.59	2.74	2.76
Yellowness 2 hr (b*)	23.72	23.35	24.06
Yellow Alkaline Noodle			
Brightness 2 hr raw (L*)	78.23	76.42	76.54
Redness 2 hr raw (a*)	0.11	0.5	0.27
Yellowness 2 hr raw (b*)	27.10	26.54	27.03
Brightness 24 hr raw (L*)	72.16	70.55	72.30
Redness 24 hr raw (a*)	0.94	1.5	1.03
Yellowness 24 hr raw (b*)	27.60	27.87	28.29
Specks /25cm ² (24 hr raw)	305.50	321	290.00
Brightness cooked (L*)	67.33	66.03	66.94
Redness cooked (a*)	-0.92	-0.60	-0.95
Yellowness cooked (b*)	27.64	26.55	27.73
Texture			
Thickness (mm)	2.33	2.35	2.45
Maximum Cutting Stress g/mm ² (Bite)	31.45	31.11	32.59
Resistance to Compress (Chewiness)	26.55	26.02	26.67
Recovery (Chewiness)	32.60	31.87	31.45
White Salted Noodles			
Brightness 2 hr raw (L*)	79.34	78.69	79.46
Redness 2 hr raw (a*)	2.85	2.96	2.91
Yellowness 2 hr raw (b*)	23.86	23.42	23.44
Brightness 24 hr raw (L*)	73.40	73.08	74.05
Redness 24 hr raw (a*)	3.70	3.79	3.73
Yellowness 24 hr raw (b*)	25.02	24.05	24.69
Specks /25cm ² (24 hr raw)	160.50	174.50	130.50
Brightness cooked (L*)	72.98	73.39	73.79
Redness cooked (a*)	1.28	1.35	1.38
Yellowness cooked (b*)	19.45	18.73	19.80
Texture			
Thickness (mm)	2.62	2.59	2.48
Maximum Cutting Stress g/mm ² (Bite)	28.01	28.11	27.12
Resistance to Compress (Chewiness)	21.28	20.55	21.14
Recovery (Chewiness)	23.68	23.65	23.68

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