



Quality of western Canadian barley

Quality data for 2005 and 2004 harvest survey composite samples - Two row cultivars

Variety	AC Metcalfe		CDC Kendall		CDC Copeland		Harrington		Stein	
	2005	2004	2005	2004	2005	2004	2005	2004	2005	2004
Year of production	2005	2004	2005	2004	2005	2004	2005	2004	2005	2004
Thousands of tonnes	335	320	120	145	132	24	21	95	6	21
Physical characteristics										
1000 kernel weight, g. (as is)	43.5	43.4	43.2	43.3	44.8	46.9	40.5	41.8	43.7	43.3
Heavy grade, over 6/64" sieve, %	90.0	92.3	94.0	94.7	91.8	95.6	88.2	89.8	88.6	90.2
Intermediate grade, over 5/64" sieve, %	8.7	6.3	4.9	4.3	6.9	3.4	10.3	8.8	9.9	8.3
Chemical analysis										
Moisture, % ¹	12.2	12.6	11.7	12.0	11.5	13.2	11.6	11.6	11.9	12.4
Protein, % (dry basis)	11.9	11.9	11.7	11.8	11.2	11.4	11.5	11.6	12.0	11.7
Germination, % , 4 mL (3 day)	98	97	98	98	97	99	95	98	97	98
Germination, % , 8 mL (3 day)	88	73	88	74	92	88	90	91	67	65

¹ Moisture not indicative of actual crop levels as samples were not stored in moisture-proof containers