



Quality of western Canadian barley

Quality data for 2004 and 2003 harvest survey composite samples - Two row cultivars

Variety	AC Metcalfe		CDC Kendall		Harrington		Stein		CDC Copeland		Merit		CDC Stratus	
Year of production	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003
Thousands of tonnes	320	333	145	111	94.5	146	21	64	24		9.2	52	5.6	28
Physical characteristics														
1000 kernel weight, g. (as is)	43.4	43.1	43.3	40.5	41.8	39.9	43.3	43.4	46.9		43.0	40.8	45.1	46.8
Heavy grade, over 6/64" sieve, %	92.3	88.0	94.7	89.4	89.8	84.7	90.2	84.3	95.6		89.7	82.4	93.1	91.9
Intermediate grade, over 5/64" sieve, %	6.3	10.4	4.3	9.2	8.8	13.6	8.3	13.8	3.4		8.7	15.4	5.5	7.2
Chemical analysis														
Moisture, % ¹	12.6	11.4	12.0	11.1	11.6	10.8	12.4	11.8	13.2		11.4	11.2	11.9	11.7
Protein, % (dry basis)	11.9	12.5	11.8	12.4	11.6	12.1	11.7	12.1	11.4		10.9	12.0	11.8	12.1
Germination, % , 4 mL (3 day)	97	99	98	100	98	99	98	99	99		98	99	99	98
Germination, % , 8 mL (3 day)	73	95	74	98	91	98	65	90	88		90	97	71	97

Not available

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