



Quality of western Canadian barley

Quality data for 2003 and 2002 harvest survey composite samples - Two row cultivars

Variety	Harrington		AC Metcalfe		CDC Kendall		Merit		Stein		Stratus	
	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002
Year of production	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002
Thousands of tonnes	150	51	332	65	111	21	52	13	64.4	9	28	14
Barley												
Physical characteristics												
1000 kernel weight, g.(as is)	38.5	40.5	43.1	41.5	40.5	41.0	40.8	44.3	43.4	41.7	46.8	41.7
Heavy grade, over 6/64" sieve, %	81.9	89.9	88.0	90.8	89.4	94.0	82.4	92.7	84.3	90.0	91.9	88.8
Intermediate grade, over 5/64" sieve, %	13.2	8.3	10.4	7.8	9.2	5.0	15.4	5.7	13.8	8.5	7.2	10.0
Chemical analysis												
Moisture, % ¹	10.4	11.1	11.4	10.8	11.1	11.8	11.2	13.2	11.8	11.7	11.7	11.0
Protein, % (dry basis)	11.7	12.5	12.5	13.5	12.4	12.8	12	11.6	12.1	12.6	12.1	13.1
Germination, % , 4 ml (3 day)	96	85	99	92	100	96	99	89	99	96	98	91
Germination, % , 8 ml (3 day)	95	72	95	74	98	88	97	57	90	61	97	76

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