



**Quality of western Canadian barley**

**Quality data for 2006 and 2005 harvest survey composite samples - Two row cultivars**

Variety	AC Metcalfe		CDC Kendall		CDC Copeland		Harrington	
Year of production	2006	2005	2006	2005	2006	2005	2006	2005
Thousands of tonnes <sup>2</sup>	<b>419</b>	335	<b>130</b>	120	<b>121</b>	132	<b>14</b>	21
Physical characteristics								
1000 kernel weight, g. (as is)	<b>42.8</b>	43.5	<b>42.1</b>	43.2	<b>43.8</b>	44.8	<b>41.1</b>	40.5
Heavy grade, over 6/64" sieve, %	<b>88.8</b>	90.0	<b>92.9</b>	94.0	<b>89.6</b>	91.8	<b>88.9</b>	88.2
Intermediate grade, over 5/64" sieve, %	<b>10.3</b>	8.7	<b>6.4</b>	4.9	<b>9.5</b>	6.9	<b>9.6</b>	10.3
Chemical analysis								
Moisture, % <sup>1</sup>	<b>11.8</b>	12.2	<b>11.5</b>	11.7	<b>11.5</b>	11.5	<b>11.3</b>	11.6
Protein, % (dry basis)	<b>12.1</b>	11.9	<b>11.8</b>	11.7	<b>11.6</b>	11.2	<b>10.9</b>	11.5
Germination, % , 4 mL (3 day)	<b>99</b>	98	<b>99</b>	98	<b>99</b>	97	<b>99</b>	95
Germination, % , 8 mL (3 day)	<b>97</b>	88	<b>95</b>	88	<b>98</b>	92	<b>98</b>	90

<sup>1</sup> Moisture not indicative of actual crop levels as samples were not stored in moisture-proof container:

<sup>2</sup> Tonnages are not indicative of total crop availability