BARLEY

Variety	Overall Station Years of Testing	Overall Yield	Area: 2	3	4	5	6	Yield Category: Low < 9.0 (t/ac)	Medium 9.1 - 12.0 (t/ac)	High > 12.1 (t/ac)	Nutritional Data: CP (%)	TDN (%)	Ca (%)	P (%)	K (%)	Mg (%)
Varieties tested in the 2018 trials (Yield and agronomic data only directly comparable to CDC Austenson)																
CDC Austenson (t/ac)		**10.6**	**9.3**	**12.1**	**11**	**11.3**	**8.7**	**7.1**	**11.4**	**14.7**	**10.3**	**67**	**0.3**	**0.2**	**1.4**	**0.2**
CDC Austenson	**45**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
AB Cattlelac	4	102	XX	XX	XX	99	109	106	XX	89	109	97	172	85	133	126
Altorado	26	102	102	92	99	103	103	106	98	101	100	99	102	101	102	93
Amisk	33	92	100	92	91	90	89	92	91	91	104	102	134	103	104	109
CDC Coalition	37	94	97	93	92	90	100	97	91	93	101	100	103	107	106	100
Canmore	26	100	101	99	93	102	100	104	95	100	99	99	120	101	98	103
Champion	26	102	103	97	100	103	102	106	99	101	99	101	105	99	104	99
Chigwell	23	92	80	95	87	91	96	94	91	88	102	100	158	99	105	118
Claymore	26	100	105	102	97	102	94	101	93	104	94	97	124	97	99	101
Conlon	31	87	83	95	86	85	89	84	88	90	98	102	129	112	99	104
Ranger	23	94	101	99	XX	94	88	93	96	87	100	99	157	104	121	126
Sundre	37	93	97	93	87	91	98	93	94	94	101	99	134	103	113	113
Previously tested varieties																
Busby	19	93	91	98	71	96	88	86	95	97	105	99	128	100	100	103
CDC Cowboy	33	101	101	103	98	102	101	105	99	100	96	99	117	110	108	117
Gadsby	33	99	95	106	94	99	100	101	101	98	96	100	127	100	96	101
CDC Maverick	35	104	105	96	96	104	107	110	102	102	96	99	122	108	95	116
CDC Meredith	22	100	108	106	93	98	103	101	102	100	95	98	99	101	102	94
Muskwa	13	90	101	93	XX	86	91	86	91	91	114	100	167	107	121	127
Ponoka	19	96	90	100	100	96	95	96	94	97	101	99	148	103	104	115
Ranger	13	95	104	99	XX	96	88	85	97	99	109	98	171	101	128	131
Seebe	19	96	95	103	92	95	95	95	96	97	109	96	136	109	113	103
Trochu	18	88	XX	91	73	91	85	82	89	92	103	101	139	107	109	119
Vivar	19	93	95	99	78	92	93	90	98	93	108	100	144	99	104	123
Xena	19	95	87	101	84	92	101	96	90	95	106	99	111	105	102	106

Remarks: For explanations on data summarization methods and other information, please see the comments at the beginning of this publication. The yield comparison is expressed in several ways. First, overall actual yield of the standard check in t/ac along with the number of station years of testing. Second, actual yield of the standard check in each growing area. Third, average yield of each variety is expressed in % relative to the standard check. And finally, yield performance is also expressed on the basis of environmental productivity (Yield Test Categories of Low, Medium and High). Consistent performance over all Yield Test Categories indicates that a variety may have good yield stability over a wide range of environments. XX - Insufficient data to describe.