Barley Variety Descriptions

Category / Variety[1]	Site Years Tested	Yield (bu/ acre)	Pro-tein %	Maturity +/- 88 days	Height +/- 89 cm	Test Wt +/- 48.7 lb/ bu	Awns[2]	Resistance Level: Lodg-ing	Loose Smut	Surface-borne Smut	Root Rot	Netted Net Blotch	Spot-ted Net Blotch	Spot Blotch	Stem[3] Rust	Fusar-ium[4] Head Blight
Malting: Acceptance - Recommended																
AAC Connect (2)	46	109	12.4	0	-3	-0.5	R	G	S	R	MS	I	MR	MR	MR	MR
AAC Synergy (2)	105	114	12.2	0	-2	-0.4	R	G	S	I	I	MR	R	R	MR	I
CDC Churchill (2)	46	114	12.3	1	-5	-0.2	R	G	MS	MR	-	MR	MR	I	MR	MS
CDC Copeland (2)	46	103	12.3	0	5	-0.5	R	G	MS	I	I	I	I	S	MR	MR
CDC Fraser (2)	43	110	12.1	1	0	-0.7	R	G	R	MR	MS	MR	MR	R	MR	I
Malting: Other																
AAC Goldman (2)	56	109	12.6	1	3	-0.4	R	F	MS	I	S	I	R	I	I	MR
AAC Prairie (2)	34	108	12.4	0	-2	-0.3	R	F	S	MR	-	MR	I	I	MR	I
AB Brewnet (2)	39	107	13.0	3	5	0	R	G	MS	MR	-	MS	I	I	MR	MR
AB Dram (2)	34	103	13.1	-1	0	0	R	G	MR	R	-	MS	MR	MS	S	I
AB Foothills (2)	34	111	12.3	0	-2	-0.8	-	G	R	MR	-	I	I	MS	MR	I
AC Metcalfe (2)	206	99	13.0	0	0	0	R	F	R	I	I	S	I	I	MR	I
CDC Bow (2)	55	107	12.1	1	3	0.5	R	G	S	I	MS	S	MR	I	MR	I
CDC Copper (2)	36	109	12.4	1	-5	-0.7	R	G	I	MR	MR	MR	MR	I	I	MS
CDC Kindersley (2)	34	105	12.7	-1	-3	0	R	G	S	R	I	MS	MR	I	MR	I
CDC PlatinumStar (2)	18	102	12.2	0	3	-0.5	R	F	S	R	S	I	MR	S	I	MR
Celebration (6W)	35	107	13.4	-1	5	0	S	G	R	R	MS	S	MR	MR	I	MS
Newdale (2)	18	114	12.6	0	-3	-0.5	R	F	S	MR	MR	I	MR	I	MR	I
SY Stanza (2)	19	112	11.9	1	-10	-1.6	R	VG	S	MR	-	I	MS	MS	S	MS
Torbellino (2)	29	98	12.5	1	-11	-0.4	R	G	-	R	-	MS	MS	MS	MS	S
Tradition (6W)	19	106	13.0	2	10	0.8	S	F	S	MR	MR	S	I	MR	MR	S
Food and Feed																
AAC Lariat (2)	29	116	12.4	1	-3	-0.3	R	G	R	R	-	R	MR	I	R	MS
AAC Stockton (2)	31	118	12.3	1	-2	0	R	G	R	R	-	I	I	I	R	MR
AB Advantage (6F)	30	109	13.2	1	15	0	S	VG	MR	I	-	MS	I	I	I	S
AB Cattlelac (6)	31	112	12.8	1	11	1.3	SS	VG	I	R	-	MS	MR	R	I	S
AB Hague (2)	42	106	12.2	1	4	0	R	G	MR	R	-	I	I	I	MR	MR
AB Maximizer (2)	29	111	12.3	0	3	1.2	R	VG	I	R	-	I	I	I	MR	I
AB Prime (2)	42	116	12.6	0	4	-0.4	-	G	S	R	-	MR	I	I	R	I
AB Standswell (6)	31	114	12.4	2	-4	0.3	S	G	MS	R	-	MR	I	MR	MR	S
AB Tofield (6)	29	111	12.1	1	5	1	S	VG	MR	MR	-	MS	I	I	R	S
AB Wrangler (2)	29	110	12.4	0	1	-0.2	R	F	MS	MR	-	I	I	MR	R	MR
Altorado	32	114	12.3	0	-5	0.7	R	G	MR	MR	MR	S	I	S	MR	I
AS Lafleur (2)	31	103	13.3	-3	0	1.7	R	VG	R	NT	NT	MS	I	MS	NT	MR
Bighorn (2)	29	114	12.2	0	4	0.4	-	F	I	R		I	I	MS	I	I
Canmore (2)	33	111	12.4	1	0	0.7	R	G	R	R	I	MS	MR	I	MS	I
Cantu (2)	29	116	11.9	2	5	0.2	-	F	I	R	-	I	I	I	R	I
Carleton (2)	31	107	11.9	-1	-7	0.2	R	G	MS	R	-	MS	MS	MS	R	MR
CDC Austenson (2)	105	116	12.2	1	0	0.5	R	G	S	R	I	MS	R	R	I	I
CDC Cowboy (2F)	38	99	13.1	1	15	1.3	R	F	MS	MR	I	I	MR	I	MR	MR
CDC Durango (2)	29	114	12.4	2	-3	0.1	R	VG	S	R	-	MR	MS	I	I	I
CDC Harness (2)	31	117	12.4	1	0	1.3	R	G	MR	MR	-	I	I	I	MR	I
CDC Maverick (2F)	29	98	13.4	1	10	5.4	S	F	S	R	I	I	MR	I	MR	MR
CDC Renegade (2F)	29	107	12.6	1	7	-0.3	S	F	I	MR	-	MS	MR	MS	MR	MR
Claymore (2)	44	119	12.1	0	0	-0.2	R	G	S	R	I	S	I	MS	MR	MR
CONLON (2)	36	100	12.8	-1	-3	0.8	S	G	I	I	I	I	MR	S	MR	MR
Desperado (6F)	44	109	12.7	1	5	2.5	S	G	MS	R	MR	S	MR	MR	MR	S

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Esma (2) VUA	30	115	12.1	1	-10	-0.4	-	G	R	NT	NT	MS	MS	MS	NT	I
Ferguson (2)	29	113	12.0	1	-2	-0.2	R	G	S	R	-	MS	MS	S	I	I
Ibex (2)	29	115	12.2	1	2	0.2	-	F	S	R	-	I	I	I	R	I
KWS Kellie (2) VUA	29	107	12.0	1	-11	-1.5	-	P	R	NT	NT	MS	MS	MS	NT	I
Oreana (2)	44	114	11.9	2	-13	0.2	R	G	S	R	I	S	MR	I	I	S
RGT Planet (2) VUA	29	101	12.1	1	-10	-0.5	R	F	R	NT	NT	MS	MS	MS	NT	I
Richer (6)	29	115	12.6	-	14	-2.1	R	VG	R	NT	NT	I	MS	I	NT	I
Sirish (2)	48	105	12.4	1	-13	-0.3	R	VG	S	R	-	MS	MS	MS	S	MS
WCI Fortify (6F)	19	117	12.9	1	4	-0.2	S	VG	R	R	-	MS	MR	MR	MR	S
Hulless																
CDC Armstrong (2)	9	88	12.3	0	1	9.8	R	G	R	MR	-	I	MR	MR	MR	I
CDC Pristine (2)	9	88	12.4	2	-2	8.9	R	G	R	MR	-	I	I	MR	I	MR
Varieties being tested for adaptability in Western Canada																
AS Manon (2)	31	107	12.6	-2	4	0.4	R	VG	NT	NT	NT	NT	NT	NT	NT	NT
Waterloo (6)	5	115	12.9	-	12	-2.1	R	G	NT	NT	NT	NT	NT	NT	NT	NT
Varieties supported for registration by the PRCOB																
Malting: Other																
TR21665 (2)	5	115	12.1	1	-3	-0.4	R	G	S	R	-	I	I	I	R	MS
Food and Feed																
FB21704 (2)	6	116	12.4	-1	2	0		G	R	MR	-	MS	MS	I	I	I
FB23113 (2)	6	120	12.4	1	-3	0.5	R	VG	S	MR	-	I	I	I	MR	I
FB23618 (2)	6	117	12.0	1	-3	1	R	VG	I	R	-	I	I	I	R	I
TR22669 (2)	6	114	12.5	1	-8	1.1	R	G	R	R		MS	I	MS	R	I
GRAND MEAN (bu/acre and %)		114	12.4													
LSD (0.05)		5	0.3													

[1] Values in brackets indicate row and type: 2 = two-row; 6 = six-row; W = white aleurone (all others yellow); F = fodder.

[2] R = Rough, S = Smooth, SS = Semi-Smooth

[3] Reactions given for old races of stem rust. All cultivars are susceptible to new race QCCJ. However, to date this has not caused widespread damage. Early seeding will generally reduce the likelihood of severe infection.

[4] Fusarium head blight (FHB) infection is highly influenced by environment and heading date. Under high levels of the disease, all varieties will sustain damage.

NT = Not tested for disease, until a full rating is generated assume that the variety is susceptible to the disease.