The following information is taken from "Seed Manitoba 2008" pages 15 - 17

Manitoba Agriculture, Food and Rural Initiatives Variety Guide

BARLEY

New for 2008

Variety	Code	Breeder	Distributor	Seed Availability
Alston	BT974	Hyland Seeds	Viterra	—
CDC Mindon	TR04378	Crop Development Centre	SeCan	2009
Champion	TR04719	WestBred LLC.	Viterra	—
CDC Clyde	BT490	Crop Development Centre	—	—
Sundre	BT566	Alberta Agriculture, Food & Rural Development	Mastin Seeds	—
Varieties that are being tested or proposed for registration				
	FB012	AAFC (Brandon)		

Comments:

Forage yields of some varieties are listed in the Forage Crops section.

Variety Descriptions

Variety[1]	Yield % of Check	Site Years Tested	Protein[2] +/- Check	Days to Maturity +/- Check	Height +/- Check	Test Weight +/- Check	Resistance to: Lodging	Loose Smut	Surface -borne Smut	Root Rot	Netted Net Blotch	Spotted Net Blotch	Spot Blotch	Stem[3] Rust	Fusarium[4] Head Blight
Malting or Feed (% of AC Metcalfe)															
Feed															
AC Harper (6)	98	22	—	2	-1	-1.7	G	P	F	F	F	n/a	F	F	P
AC Lacombe (6)	115	11	—	0	-1	0.3	G	P	G	P	P	G	F	G	VP
AC Ranger (6F)	106	4	0.2	1	-3	-3.1	G	P	F	G	F	G	G	G	VP
AC Rosser (6)	120	22	—	3	-2	-1.7	F	P	G	G	F	G	G	G	VP
Alston (6)	110	14	-0.6	2	-3	-1.7	G	P	VG	F	F	G	F	F	VP
Bedford (6)	103	24	—	1	-1	1	G	P	F	G	VP	F	G	G	F
Bronco (6)	108	21	—	1	2	2.4	P	P	G	F	VP	G	F	G	F
CDC Bold (2)	121	1	—	2	SD	3.3	G	P	G	G	VP	F	VP	G	VP
CDC Clyde (6)	116	4	-0.8	0	—	-	VG	P	VG	G	F	G	VG	G	VP
CDC Coalition (2)	106	36	-0.3	1	2	0.8	VG	VG	G	F	VP	G	F	G	F
CDC Cowboy (2F)	96	34	0.5	1	6	1.3	G	P	G	F	F	G	F	G	G
CDC Dolly (2)	89	2	0.3	-1	-1	0.8	P	VP	F	F	VP	P	VP	P	F
CDC EARL (6)	109	11	—	2	SD	-4.7	VG	P	G	F	F	n/a	F	G	VP
CDC Helgason (2)	104	1	0	-1	0	0.8	G	VG	G	F	G	G	F	F	P
CDC Mindon (2)	98	15	-0.1	1	-1	0.3	G	VG	VG	n/a	VP	G	F	F	G
CDC THOMPSON (2)	73	9	—	-2	SD	1	VG	P	G	F	VP	G	VP	G	F
CDC Trey (2)	108	48	-0.3	0	2	0.3	G	P	VG	G	F	VG	P	G	F
Champion (2)	112	15	-0.6	0	0	0.8	G	VP	VG	n/a	VP	F	P	F	F
CONLON (2)	94	52	-0.1	-1	-1	0.8	G	F	F	F	F	G	F	G	G
McLeod (2)	106	34	0.2	0	0	0.4	G	VP	VG	F	VP	F	VP	P	P
Stander (6W)	107	23	—	1	0	-1.3	G	P	P	F	VP	G	G	G	VP
Sundre (6)	87	4	-0.6				G	P	VG	P	P	F	F	F	P
Virden (6F)	122	1	—	2	1	-2.5	VG	P	F	G	P	G	G	G	VP
Vivar (6)	108	3	0	0	-4	1.3	VG	F	VG	G	VG	G	F	G	VP
XENA (2)	113	1	—	0	0	0.3	G	P	P	G	VP	F	VP	G	G
Varieties that are being tested or proposed for registration															
FB012	101	4	-0.9	1	2	-2	G	P	VG	G	P	G	F	F	VP
Hulless Feed (% of CDC Silky)															
CDC Gainer (2)	99	46	—	-2	-1	1.0	G	P	P	G	F	F	VP	G	F
CDC McGwire (2)	101	27	—	-1	-1	1.0	G	P	G	G	F	G	F	F	G
CDC Silky (6)	100		—	0	SD	0	VG	F	F	G	VP	F	G	G	VP
CHECK CHARACTERISTICS															
AC Metcalfe	92	90	12.3%	88	35	48.7									
CDC Silky	54	80		90	35	57.0									
	bu/acre	site years	protein	days	inches	lb/bu									

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

2 Protein data is from MCVET plots harvested from 2002 to 2007. Actual protein will depend on seasonal growing conditions and fertility levels.

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. Hulless barley typically has reduced levels of DON when compared to regular barley with similar levels of disease.

Variety	2007 Average Yield	Site Years Tested	2007 Yield: % of AC Metcalfe								
			Arborg	Boissevain	Hamiota	Neepawa	Rosebank	Souris	Starbuck	Stonewall	Thornhill
Malt or Feed											
AC Metcalfe	100	10	100	100	100	100	100	100	100	100	100
CDC Battleford	101	1	—	—	—	—	—	—	—	101	—
CDC Copeland	108	1	—	—	—	—	—	—	—	108	—
Formosa	100	9	108	93	91	98	97	96	99	110	102
Newdale	117	10	120	118	118	119	112	124	99	121	126
Feed											
Alston	114	9	131	115	99	100	117	106	—	121	106
CDC Clyde	117	4	132	110	104	—	—	—	—	—	117
CDC Coalition	109	10	98	111	109	113	105	116	109	114	111
CDC Cowboy	93	10	105	110	94	73	98	97	90	92	86
CDC Mindon	98	10	85	98	95	97	90	100	105	103	92
CDC Trey	111	10	108	115	106	108	96	106	119	117	116
Champion	116	10	130	120	112	104	100	117	123	122	124
CONLON	97	10	107	81	81	101	92	95	89	102	101
McLeod	103	9	103	117	98	95	95	102	—	114	101
Sundre	87	4	105	79	83	—	—	—	—	—	77
Varieties that are being tested or proposed for registration											
FB012	101	4	102	104	106	—	—	—	—	—	91
CHECK YIELD (AC Metcalfe bu/acre)			69	61	61	73	56	80	79	117	47
CV %			10.2	6.7	10.2	4.5	6.0	4.3	7.7	3.0	5.9
LSD %			18	12	18	8	10	7	23	5	10
Sign Diff			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

VARIETY	2007 Average % Protein	Site Years Tested	2007 % Protein: +/- of AC Metcalfe								
			Arborg	Boissevain	Hamiota	Neepawa	Rosebank	Souris	Starbuck	Stonewall	Thornhill
Malt or Feed											
AC Metcalfe	0	10	0	0	0	0	0	0	0	0	0
CDC Battleford	-0.8	1	—	—	—	—	—	—	—	-0.8	—
CDC Copeland	-0.3	1	—	—	—	—	—	—	—	-0.3	—
Formosa	-0.3	9	0.3	-0.3	0	-0.6	0.4	-0.2	-0.4	-0.8	-0.9
Newdale	-0.3	10	0.3	-0.1	-0.1	-0.4	0.7	-0.3	-0.6	-0.7	-0.9
Feed											
Alston	-0.6	9	0.3	-1.0	-0.6	-0.6	0.1	-0.1	—	-1.2	-1.5
CDC Clyde	-0.5	4	0	-0.9	-0.2	—	-	—	-	—	-1.0
CDC Coalition	-0.5	10	-0.2	-0.6	-0.3	-0.5	0.9	-0.6	-1.4	-1.1	-0.9
CDC Cowboy	0.3	10	1.2	0.2	0.5	-0.2	0.5	0.5	0	0	-0.4
CDC Mindon	-0.1	10	-0.1	0	0.1	-0.3	0.1	0.4	0.6	-0.4	-0.6
CDC Trey	-0.4	10	0.4	-0.2	-0.4	-0.6	0.8	-0.4	-0.9	-1.4	-0.7
Champion	-0.7	10	-0.1	-0.9	-0.6	-1.1	1.2	-0.8	-1.1	-1.3	-1.6
CONLON	-0.1	10	0.7	0	0.4	-0.4	0	0.2	0.4	-0.9	-0.9
McLeod	0	9	0.2	-0.2	-0.1	-0.4	1.1	0	—	-0.3	-0.8
Sundre	-0.3	4	0.7	-0.7	-0.3	—	—	—	—	—	-1.0
Varieties that are being tested or proposed for registration											
FB012	-0.6	4	0.7	-0.8	-0.7	—	—	—	—	—	-1.5
CHECK % PROTEIN											
AC Metcalfe	12.3%		11.5%	12.0%	11.4%	13.4%	12.9%	12.3%	10.8%	14.3%	13.2%