

CANADA NORTHERN HARD RED WHEAT

Variety	Yield Category (% Carberry):				Agronomic Characteristics:							Disease Tolerance:					
	Overall Station Years of Testing	Overall Yield	Low < 55 (bu/ac)	Medium 55 - 80 (bu/ac)	High > 80 (bu/ac)	Maturity Rating	Protein %	Test Weight (lb/bu)	TKW (g)	Height (cm)	Awns (Y/N)	Resistance to:			Stripe Rust	Leaf Spot	Fusarium Head Blight
												Lodging	Sprouting	Loose Smut			
Varieties tested in the 2018 trials (Yield and agronomic data only directly comparable to Carberry)																	
Carberry	69	41	60	90													
Carberry	60	100	100	100	100	L	13.9	63	39	79	Y	VG	F	MR	R	MR	MS
AC Foremost	34	113	111	115	115	L	-1.4	62	42	73	Y	VG	F	I	R	S	MS
CDC Cordon CLPlus VB	34	111	103	113	112	M	-0.5	61	41	78	Y	VG	F	MR	R	MS	MS
Previously tested varieties																	
Carberry		100	100	100	100	L	13.9	63	39	79	Y	VG	F	MR	R	MR	MS
AAC Concord	45	103	104	103	103	M	-0.8	62	41	87	N	F	F	I	MR	R	I
AC Crystal	278	108	110	108	108	L	XX	62	42	79	Y	G	P	I	R	S	I
Conquer VB	51	114	112	115	115	M	-1.0	62	45	84	Y	F	P	MS	R	MR	I
Elgin ND	43	110	112	112	107	M	-0.8	63	38	87	Y	G	F	XX	S	MR	I
Harvest	118	96	92	100	100	M	-0.3	62	36	84	N	VG	VG	MR	S	MR	MS
Lillian	87	98	104	93	100	M	0.0	61	37	86	N	F	G	I	MR	R	MR

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments at the beginning of this publication. Several CWRS and CPSR varieties were reclassified to this new CNHR class, effective August 1, 2018. The CWRS varieties are AC Abbey, AC Cora, AC Eatonia, AC Majestic, AC Michael, AC Minto, Alvena, Aikat, CDC Makwa, CDC Osler, Columbus, Conway, Harvest, Kane, Katepwa, Leader, Lillian, McKenzie, Neepawa, Park, Pasqua, Pembina, Thatcher, Unity VB and 5603HR. The CPSR varieties are AC Foremost, AC Taber, Conquer and Oslo. * AC Crystal will be reclassified on August 1, 2019. For more information see the Canadian Grain Commission website www.grainscanada.gc.ca. The long term average maturity for Carberry is 108 days and rated as Late (L). Fusarium Head Blight (FHB) infection is highly influenced by the environment and heading date. Under high levels of FHB all varieties will sustain damage. Moderately Resistant (MR) and Resistant (R) ratings for FHB do not equate to immunity. AAC Concord has a solid stem that confers resistance to the wheat stem sawfly. Varieties rated Intermediate (I) to Susceptible (S) for loose smut or bunt should be treated with a systemic seed treatment to reduce the potential for infection. VB - designates a varietal blend to preserve the *Srn1* orange wheat blossom midge tolerance gene. New CNHR registrations: CDC Cordon CLPlus VB (HY2003). Insufficient data to describe: Fallier, Prosper. XX - Insufficient data to describe. † - Flagged for possible removal in 2020.