

Hard Winter Wheat Variety Descriptions

Variety	Agent or Origin ²	Year	Reaction to Disease ¹				Maturity ³	Straw ⁴ Strength	Height ⁵ (inches)	Winter ⁶ Hardiness
			Stripe Rust	Leaf Rust	Stem Rust	Scab				
AAC Gateway	A.Can.	2012	R	MR/MS	R	MS	0	3	30	3
Accipiter	CDC	2008	NA	MS	R	S	-2	4	36	2
Alice ⁷	SD	2006	NA	S	MR	S	-4	5	33	5
Art	Agripro	2008	R	R	R	MS	-6	4	33	8
Boomer	WB	2009	MS	MR	R	S	-2	4	34	3
Broadview	A.Can.	2008	MS	R	R	S/VS	-2	5	32	4
Carter	WB	2010	S	NA	NA	S	-2	4	32	6
CDC Falcon	WB	2000	MS	MS	NA	S	-2	5	34	4
Darrell	SD	2006	NA	S	R	MS	-4	4	35	6
Decade	MT/ND	2010	S	VS	R	VS	-4	4	35	2
Emerson	A.Can.	2011	R	MS	R	MR	-2	4	33	3
Flourish	A.Can.	2010	MR	MS	MS	S	-4	5	35	2
Freeman	ARS-NE	2013	MR/S	MR/MS	MR/MS	MS	-5	4	33	6
Hawken	Agripro	2007	S	MR	MR	S	-5	4	28	7
Ideal	SD	2011	NA	R	MR	S	-3	5	33	5
Jagalene	Agripro	2002	MS	S	MR	VS	-4	4	33	6
Jerry	ND	2001	MR	MR	R	S	0	4	37	3
Lyman	SD	2008	MS	R	R	MR	-4	7	35	5
McGill	ARS-NE	2010	MS	MS	MR	MS	-5	4	36	4
Millennium	NE/SD	1999	MR	MR	MR	S	-4	4	37	6
Moats	A. Can.	2010	NA	R	R	MR	0	5	38	2
Overland	NE	2006	MR	MR/R	MR	S	-4	4	35	5
Peregrine	CDC	2008	R	MR	R	MS	+1	4	39	2
Radiant ⁸	A. Can.	2001	R	S	S	S	+1	2	36	2
Robidoux	ARS-NE	2010	MR	MS	MR	S	-3	4	34	6
Roughrider	ND	1975	NA	S	R	MS	0	5	42	2
Smoky Hill	WB	2007	S	R	R	S	0	5	35	7
Striker	WB	2009	MS	MR	R	S	-4	4	32	5
SY Wolf	Agripro	2010	MS	MR	R	MS	-4	4	33	6
WB Grainfield	WB	2013	MS	MS	NA	S	-5	6	33	6
WB Matlock	WB	2010	MS	MS	R	MS	+1	4	36	2
Wesley	NE/SD/WY	2000	MR	MS	R	S	-5	5	32	6
Yellowstone	MT	2005	R	S	S	VS	+2	6	33	5

¹ R = resistant, MR = moderately resistant, MS = moderately susceptible, S = susceptible, VS = very susceptible, NA = not available.

² A.Can. = Agriculture and Agri-Food Canada, CDC = Crop Development Centre:University of Saskatchewan, WB = WestBred, SD = South Dakota State University, MT = Montana State University, ND = North Dakota State University, ARS = USDA Agricultural Research Service, NE = University of Nebraska, WY = Wyoming.

³ Days to heading relative to Jerry.

⁴ Straw strength = 1 to 9 scale, with 1 strongest and 9 weakest. These ratings may change as additional data become available.

⁵ Based on the average of several environments, and should be used for comparing varieties. The environment can impact the height of varieties.

⁶ Relative winter hardiness rating: 1 = excellent, 10 = very poor. These values are subject to change as additional information becomes available.

⁷ White wheat.

⁸ Curl Mite Resistant.

Note: Published in NDSU publication A-1196 (revised).