

## Hard Red Spring Wheat Variety Descriptions

Variety	Agent or Origin <sup>1</sup>	Year Rlsd	Height (in)	Straw Strgth <sup>2</sup>	Days to Head <sup>3</sup>	Reaction to Disease <sup>4</sup>			
						Stem Rust	Leaf Rust	Leaf Spot <sup>5</sup>	Head Scab
<b>Advance</b>	<b>SD</b>	<b>2012</b>	<b>32</b>	<b>6</b>	<b>64</b>	<b>MR</b>	<b>MR</b>	<b>NA</b>	<b>MS</b>
Agawam <sup>6</sup>	WestBred	2008	30	7	58	NA	MR/MS	NA	MS
Alpine <sup>7</sup>	AgriPro	2008	34	6	62	NA	S	MS	MS
Alsen	ND	2000	34	3	63	R	MR/MS	S	MR
Barlow	ND	2009	35	6	62	R	MR/MS <sup>9</sup>	MR	M
Blade	WestBred/Sabre	2007	33	4	64	R	MS <sup>9</sup>	MS	M
Breaker	WestBred	2007	34	3	64	R	MR/MS <sup>9</sup>	MS	M
Brennan	AgriPro	2009	30	4	62	R	MR	M	MS
Brick	SD	2009	35	5	60	R/MR	MR/MS	MS/S	MR
Briggs	SD	2002	35	7	61	R/MR	MR/MS	MS	S
Brogan	WestBred	2009	32	3	64	MR	MR/MS	MS	S
Choteau <sup>6</sup>	MT	2004	32	7	66	NA	MR/MS	NA	NA
Edge	WestBred/Sabre	2008	33	5	62	NA	S	MS	MS
<b>Elgin</b>	<b>ND</b>	<b>2012</b>	<b>36</b>	<b>5</b>	<b>65</b>	<b>R</b>	<b>M<sup>9</sup></b>	<b>NA</b>	<b>M</b>
Faller	ND	2007	35	5	65	R	S <sup>9</sup>	MR	M
<b>Forefront</b>	<b>SD</b>	<b>2012</b>	<b>37</b>	<b>5</b>	<b>61</b>	<b>MR</b>	<b>MR</b>	<b>NA</b>	<b>MR</b>
Freyr	AgriPro	2004	34	6	64	R	S	MS	MR
Glenn	ND	2005	37	4	61	R	MR/MS <sup>9</sup>	M	MR
LDS Hat Trick	Limagrain	2007	34	5	61	R	MR/MS	M	MS
Howard	ND	2006	36	7	63	R	MS <sup>9</sup>	M	M
Jenna	AgriPro	2009	32	4	66	R	MR/MS	M	M
Kelby	AgriPro	2006	30	4	62	MR	MR/MS <sup>9</sup>	M	M
Kuntz	AgriPro	2007	31	4	65	R	MS <sup>9</sup>	MS	M
LCS Albany	Limagrain	2008	32	5	67	MR	S	MS	M
LCS Breakaway	Limagrain	2011	32	5	63	NA	R	MS	M
LCS Powerplay	Limagrain	2011	33	5	65	NA	MR	MS	M
Mott <sup>6</sup>	ND	2009	36	3	66	MR	S <sup>9</sup>	MS	MS
ND 901CL PLUS <sup>8</sup>	ND	2010	36	4	60	R/MR	MR	NA	M
<b>Norden</b>	<b>MN</b>	<b>2012</b>	<b>32</b>	<b>3</b>	<b>6</b>	<b>R</b>	<b>R/MR</b>	<b>M</b>	<b>M</b>
Pivot	WestBred	2010	27	3	67	MS	S <sup>9</sup>	MR	S
Prosper	NDSU	2011	35	5	65	R	S <sup>9</sup>	M	M
RB07	MN	2007	32	5	62	R	R/MR <sup>9</sup>	MS	MR
Rollag	MN	2011	32	3	63	R	MS	MR	MR
Sabin	MN	2009	33	6	65	R	MR	MS	M
Samson	WestBred	2007	31	2	63	R	MR/MS	MS	S
Select	SD	2010	35	6	60	R/MR	R/MR	R/MR	MR
SY Soren	Sygenta/AgriPro	2011	30	4	63	R	MR	M	M
SY Tyra <sup>6</sup>	Sygenta/AgriPro	2011	31	5	62	R	MR	NA	S
SY605 CL <sup>8</sup>	AgriPro	2009	34	7	62	R/MR	MR/MS	MS	S
Tom	MN	2008	34	6	64	R	MR/MS	NA	M
Vantage	WestBred	2007	32	2	67	MR	MR/MS	MS	MS
Velva	NDSU	2011	35	4	63	R	MR/MS <sup>9</sup>	M	MS
WB Digger	WestBred	2009	34	6	63	MR	MR/MS	NA	MS
WB Mayville	Monsanto/WB	2011	30	4	63	R	MR/MS	MS	S

<sup>1</sup> Refers to agent or developer: MN = University of Minnesota, MT = Montana State University, ND = North Dakota State University, SD = South Dakota State University. **Bold** varieties are those recently released so data is limited and rating values may change.

<sup>2</sup> Straw Strength = 1 to 9 scale, with 1 the strongest and 9 the weakest. These values are based on recent data and may change as more data become available.

<sup>3</sup> Days to Head = the number of days from planting to head emergence from the boot averaged over several locations in 2010 and 2011.

<sup>4</sup> R = resistant, MR = moderately resistant, M = intermediate, MS = moderately susceptible, S = susceptible. NA indicates insufficient information is available to make an accurate assessment.

<sup>5</sup> Leaf spot refers to the leaf fungal diseases such as tan spot and septoria. It does not include bacterial leaf streak.

<sup>6</sup> Solid stemmed or semisolid stem, imparting resistance to sawfly.

<sup>7</sup> Hard white wheat.

<sup>8</sup> CL = refers to a Clearfield variety, with tolerance to Beyond™ family of herbicides.

<sup>9</sup> These lines were resistant to moderately resistant to races prevalent prior to 2011, and show some level of susceptibility to a new race of the pathogen that was detected at low frequency in 2012.

Note: Published in NDSU publication A-574 (revised).