

Performance of hard red spring wheat cultivars with and without fungicide<sup>†</sup> on yield and agronomic traits at Steele County, ND, 2013.

Cultivar	Height			Protein			Test Weight			Yield		
	Combined	No Fung	Fung	Avg.	No Fung	Fung	Avg.	No Fung	Fung	Avg.		
	---cm---	-----%-----			-----lb/bu-----			-----bu/ac-----				
Advance	74.3	14.4	14.4	14.4	63.3	63.8	63.6	78.2	76.8	77.5		
Barlow	80.5	16.0	16.2	16.1	63.4	63.2	63.3	69.7	76.9	73.3		
Breaker	80.5	15.4	15.6	15.5	63.8	63.1	63.5	75.1	87.1	81.1		
Brennan	66.0	15.9	16.3	16.1	62.3	63.4	62.9	75.2	72.6	73.9		
Elgin	87.0	16.0	16.1	16.1	63.0	62.8	62.9	76.0	86.9	81.5		
Faller	80.2	15.0	15.0	15.0	63.7	62.9	63.3	84.6	78.0	81.3		
Forefront	86.7	16.4	16.2	16.3	62.3	63.1	62.7	64.7	71.8	68.2		
Glenn	82.2	16.5	16.6	16.5	64.3	64.0	64.1	67.4	78.3	72.9		
Jenna	75.3	15.5	16.1	15.8	62.8	62.7	62.8	84.6	80.1	82.4		
LCS Albany	74.0	13.6	13.9	13.8	62.9	63.5	63.2	85.0	81.1	83.1		
LCS Breakaway	68.2	16.0	16.5	16.3	63.7	63.8	63.7	66.2	68.5	67.3		
LCS Powerplay	75.7	15.5	15.5	15.5	63.7	63.8	63.8	74.2	83.1	78.6		
Linkert	76.5	15.4	15.6	15.5	63.6	63.9	63.8	77.5	75.9	76.7		
Norden	76.5	15.5	15.4	15.5	63.5	63.7	63.6	83.6	72.6	78.1		
Prosper	80.0	14.8	15.1	15.0	63.2	62.9	63.0	84.3	75.6	80.0		
RB07	74.5	15.6	15.9	15.8	63.7	63.7	63.7	68.7	62.5	65.6		
Rollag	71.5	16.7	16.3	16.5	63.6	63.6	63.6	69.9	75.1	72.5		
SY Rowyn	71.2	15.0	15.5	15.3	62.8	62.7	62.8	76.3	79.4	77.9		
SY Soren	69.8	16.5	16.4	16.4	63.6	64.1	63.8	77.2	87.7	82.5		
Select	80.2	15.7	15.7	15.7	63.4	63.7	63.6	68.0	78.6	73.3		
Vantage	74.2	16.8	16.9	16.8	63.5	63.6	63.5	79.6	74.0	76.8		
Velva	81.8	15.4	15.6	15.5	61.6	60.9	61.2	80.4	86.0	83.2		
WB Digger	75.8	15.7	15.7	15.7	62.6	62.3	62.4	82.8	77.5	80.1		
WB Mayville	69.2	16.4	16.6	16.5	62.5	63.1	62.8	76.0	78.1	77.0		
Mean	76.3	15.7	15.8	15.7	63.2	63.3	63.2	76.1	77.7	76.9		
CV	4.1	2.0			8.5			11.2				
LSD 0.10	5.3	NS <sup>‡</sup>			0.5 <sup>§</sup>			NS <sup>‡</sup>			14.5 <sup>§</sup>	

<sup>†</sup> Fungicides consisted of Stratego at 10 fl oz/acre on 6/10/2013 and Prosaro at 6.5 fl oz/acre + NIS 2 pt/100 gal at Feekes 10.51.

<sup>‡</sup> For use in comparing any values within the two columns. NS signifies that the variety by fungicide interaction was not significant. When NS, no LSD was calculated.

<sup>§</sup> LSD for comparison of varieties averaged over fungicide treatments.