

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

Cultivar	Height			Protein			Test Weight			Yield			DON		
	Combined	No Fung	Fung	Avg.	No Fung	Fung	Avg.	No Fung	Fung	Avg.	No Fung	Fung	Avg.		
	---cm---	-----%-----			-----lb/bu-----			-----bu/ac-----			-----ppm-----				
AC Broadview	73.0	14.3	14.1	14.2	54.8	56.8	55.8	36.8	47.7	42.3	6.1	4.2	5.2		
Accipiter	75.3	13.7	13.9	13.8	58.5	58.7	57.1	37.9	39.9	38.1	4.3	3.9	4.1		
Art	67.7	16.1	16.0	16.1	53.0	57.2	55.1	31.9	42.9	37.4	3.7	2.7	3.2		
Boomer	77.7	14.6	14.5	14.5	55.3	55.2	55.2	37.4	47.7	42.5	6.1	5.0	5.6		
Decade	69.8	16.2	15.8	16.0	52.8	55.0	53.9	43.0	45.9	44.5	7.4	5.3	6.4		
Falcon	66.7	14.5	14.2	14.3	54.6	57.8	56.2	35.9	41.5	38.7	3.9	3.0	3.5		
Flourish	71.3	14.2	14.1	14.1	55.2	57.8	56.5	31.3	45.4	38.4	5.2	3.9	4.6		
Ideal	72.7	14.3	14.4	14.4	55.1	57.5	56.3	34.4	42.5	38.4	5.6	4.1	4.9		
Jerry	80.5	14.5	14.8	14.6	56.8	57.3	57.1	36.5	50.1	43.3	4.8	3.1	3.9		
Lyman	73.5	14.8	15.5	15.2	55.7	57.9	56.8	33.3	45.2	39.3	3.3	1.7	2.5		
McGill	76.2	14.3	15.0	14.7	54.8	56.9	55.9	35.7	39.4	37.5	4.2	2.3	3.3		
Moats	85.3	14.6	14.4	14.5	57.2	57.3	57.3	30.2	38.0	34.1	4.8	4.0	4.4		
Overland	68.7	14.8	14.9	14.9	54.7	57.5	56.1	25.0	49.7	37.4	3.9	2.4	3.2		
Peregrine	84.7	13.7	14.1	13.9	58.0	56.9	57.5	37.0	51.0	44.0	3.9	3.4	3.7		
Robidoux	68.2	15.0	14.9	14.9	53.2	54.2	53.7	23.5	44.8	34.2	5.3	4.3	4.8		
SY Wolf	65.0	16.0	15.4	15.7	52.3	54.3	55.2	31.3	39.2	38.5	4.7	3.9	4.3		
Sunrise	78.7	13.9	14.0	13.9	54.2	56.3	53.3	35.0	42.0	35.2	1.9	1.5	1.7		
WB Grainfield	62.3	14.4	14.3	14.3	52.7	56.0	54.4	31.8	39.9	35.8	7.4	4.1	5.8		
WB Matlock	73.2	14.4	15.0	14.7	57.4	58.7	58.0	27.6	50.7	39.1	3.6	2.8	3.2		
Mean	73.7	14.6	14.7	14.7	55.1	56.9	56.0	33.3	44.4	38.9	4.6	3.3	4.0		
CV	5.2	2.0			2.3			19.8			20.3				
LSD 0.10	3.7	0.4		0.2	NS <sup>‡</sup>		1.3 <sup>§</sup>	NS <sup>‡</sup>		7.4 <sup>§</sup>	NS <sup>‡</sup>		0.8 <sup>§</sup>		

<sup>†</sup> Fungicides consisted of Stratego at 10 fl oz/acre on 6/6/2013 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.