

Agronomic performance of hard red spring wheat cultivars when grown with and without fungicide¹ at Steele County, ND, 2020.

Cultivar	Plant Height		Test Weight		FHB Index		Protein		Yield		Avg.
	No Fung	Fung	No Fung	Fung	No Fung	Fung	No Fung	Fung	No Fung	Fung	
	----(cm)----		----(lb/bu)----		----(%)----		----(%)----		------(bu/acre)-----		
AP Murdock	70.3	70.7	57.8	57.7	0.0	0.0	14.8	14.6	78.5	83.8	81.1
Barlow	77.0	76.7	58.3	59.2	0.4	0.0	15.4	15.5	62.9	73.3	68.1
Bolles	78.7	79.3	56.8	57.5	0.0	0.0	16.7	16.9	68.9	74.1	71.5
Boost	83.0	78.3	58.5	57.8	0.1	0.0	15.7	15.8	72.0	66.9	69.5
CP3530	84.3	80.0	58.7	58.9	0.2	0.0	15.9	16.1	73.8	84.6	79.2
CP3903	76.7	72.7	59.2	60.0	0.4	0.0	15.7	15.8	70.0	77.7	73.9
CP3910	74.3	69.3	56.8	56.9	0.1	0.0	15.3	15.4	67.9	66.9	67.4
CP3915	74.0	75.7	60.2	60.6	0.1	0.0	14.9	15.2	76.1	79.3	77.7
Dagmar	77.3	73.0	57.2	58.1	0.2	0.4	15.9	16.1	66.5	72.3	69.4
Driver	79.3	78.7	59.6	59.7	0.1	0.0	14.7	15.2	72.4	76.8	74.6
Dyna-Gro Ambush	74.0	72.3	57.3	58.7	0.0	0.1	15.8	15.9	61.7	75.2	68.4
Dyna-Gro Ballistic	76.0	75.7	55.8	57.6	0.0	0.0	15.2	15.1	60.3	76.9	68.6
Dyna-Gro Commander	75.3	74.0	57.2	58.0	0.2	0.1	14.8	14.8	75.6	80.9	78.3
Dyna-Gro Velocity	71.3	70.3	58.3	59.6	0.6	0.0	16.6	16.5	59.5	74.0	66.8
Elgin-ND	84.3	84.0	54.1	57.4	0.0	0.1	15.3	15.1	56.8	68.3	62.6
Faller	76.0	75.0	57.3	58.1	0.8	0.0	14.6	14.6	74.3	81.7	78.0
Glenn	82.7	79.3	59.8	59.4	0.0	0.0	15.5	15.6	71.1	69.7	70.4
Lang-MN	79.7	76.3	58.3	58.4	0.0	0.0	16.4	16.3	66.5	71.3	68.9
Lanning	71.0	69.7	54.7	56.4	0.0	0.1	16.4	16.1	56.1	71.1	63.6
LCS Buster	85.0	84.0	57.1	57.4	0.0	0.0	12.8	13.2	80.6	82.4	81.5
LCS Cannon	71.7	71.0	58.1	59.3	0.0	0.1	14.8	14.7	69.4	81.3	75.4
LCS Rebel	79.3	80.7	58.7	59.4	0.0	0.2	15.7	15.8	71.4	81.8	76.6
LCS Trigger	85.0	83.3	58.5	59.0	0.0	0.0	13.3	13.6	73.6	79.4	76.5
Linkert	68.0	66.7	58.4	58.9	0.2	0.1	15.4	15.5	67.5	71.2	69.3
MN-Torgy	77.7	73.0	58.6	59.2	0.0	0.0	15.6	15.5	78.4	81.2	79.8
MN-Washburn	75.0	73.0	59.5	59.0	0.3	0.0	15.9	16.0	72.7	73.2	73.0
MS Barracuda	71.0	69.3	54.9	55.1	0.5	0.3	16.2	16.1	61.3	62.3	61.8
MS Chevelle	71.3	71.7	55.6	56.0	0.0	0.2	14.7	14.6	59.5	65.6	62.5
MS Rancho	76.0	75.0	52.8	54.5	0.0	0.0	15.4	15.1	46.5	57.1	51.8
ND Frohberg	80.3	77.3	58.8	58.8	0.1	0.0	15.0	15.3	73.6	78.2	75.9
ND VitPro	76.0	74.3	59.0	59.2	0.6	0.0	15.8	15.7	66.2	69.0	67.6
Shelly	72.3	71.3	55.9	57.1	0.1	0.0	14.9	15.2	63.7	71.7	67.7
SY 611CL2	71.3	69.0	57.8	58.4	0.0	0.0	15.3	15.3	71.7	77.7	74.7
SY Ingmar	76.3	73.0	58.9	59.3	0.2	0.0	15.1	15.2	76.8	77.5	77.2
SY Longmire	74.0	72.7	57.5	58.6	0.1	0.1	15.3	15.3	64.7	76.8	70.7
SY McCloud	77.3	76.3	59.4	59.1	0.1	0.0	15.1	14.8	72.9	74.1	73.5
SY Rockford	77.3	75.0	50.1	53.4	0.1	0.0	15.9	15.8	48.2	61.5	54.8
SY Soren	71.3	70.7	57.9	58.3	0.1	0.1	14.9	14.9	71.5	79.9	75.7
SY Valda	75.7	70.3	58.5	58.6	0.1	0.6	15.3	15.3	76.1	80.0	78.0
TCG-Heartland	73.0	71.0	58.5	58.7	0.0	0.1	15.5	15.6	70.0	73.7	71.8
TCG-Spitfire	77.7	72.7	58.2	58.7	0.0	0.0	14.2	14.1	78.9	87.5	83.2
TCG-Wildcat	77.0	75.3	59.6	59.7	0.0	0.0	14.9	15.1	83.0	86.5	84.8
Mean	76.3	74.5	57.5	58.2	0.1	0.1	15.3	15.3	68.8	75.1	71.9
CV	2.7		2.1		261		1.8		10.1		10.1
LSD 0.05	3.3		2.0		0.4		0.3		11.8		8.3
LSD 0.10	2.8		1.7		0.4		0.3		9.9		6.8

¹Prosario applied at Feekes 10.5.1 at the rate of 8.2 fl. oz. per acre.