

Agronomic performance of hard red spring wheat cultivars when grown with and without fungicide¹ at Grand Forks County, ND, 2021.

Cultivar	Plant	Heading	Lodging	Protein	Test	Yield
	Height	Date			Weight	
	---(cm)---	--(day of year)--	---(1-9)---	---(%)---	---(lb/bu)---	---(bu/ac)---
Ambush	77.0	173	1.5	15.6	61.2	81.7
AP Gunsmoke	71.0	174	2.3	15.8	60.4	84.8
AP Murdock	66.3	173	1.0	14.9	59.8	80.4
AP Smith	68.3	177	1.0	15.4	60.3	77.7
Ballistic	78.3	176	1.3	15.1	59.6	95.3
Bolles	76.8	176	1.0	17.3	58.6	75.3
CAG-Justify	79.5	176	2.7	14.7	58.6	84.3
CAG-Reckless	79.3	174	1.5	15.5	61.2	83.2
Commander	75.2	172	1.0	15.2	60.6	85.4
CP3119A	87.3	177	1.0	14.1	58.4	91.2
CP3188	80.5	177	1.0	14.2	56.5	90.1
CP3530	75.5	174	3.8	14.2	58.6	88.8
CP3915	79.7	175	2.8	16.1	60.2	81.8
Dagmar	75.8	175	1.0	15.8	61.7	80.0
Driver	79.3	173	2.8	16.2	60.4	88.5
Faller	75.2	175	2.5	15.1	60.7	86.4
Glenn	75.0	173	1.2	16.0	62.1	73.9
Lang-MN	75.2	174	1.2	16.2	60.5	80.2
Lanning	68.3	173	1.3	16.2	59.9	77.5
LCS Buster	77.7	177	1.3	13.0	59.3	90.9
LCS Cannon	67.8	174	1.2	15.2	63.0	85.6
LCS Rebel	79.2	173	1.8	15.9	61.2	86.6
LCS Trigger	79.5	177	1.0	13.5	60.8	88.7
MN-Torgy	72.8	174	1.0	16.0	61.5	81.8
MN-Washburn	70.2	175	1.0	16.0	60.9	79.2
MS Barracuda	67.3	172	1.5	16.1	60.0	78.5
MS Cobra	73.3	173	1.2	16.2	60.2	83.0
MS Rancho	71.2	172	1.0	15.1	60.7	85.2
ND Frohberg	78.0	174	1.3	15.7	60.9	76.9
ND VitPro	74.7	173	1.2	16.4	61.6	74.3
PFS Buns	73.2	178	1.3	14.1	57.7	90.2
SY 611CL2	66.8	174	1.2	15.4	61.4	81.7
SY Ingmar	68.8	177	1.2	16.1	61.1	75.8
SY Longmire	75.0	176	2.0	15.3	60.9	79.4
SY McCloud	73.7	173	1.0	15.9	62.2	82.4
SY Soren	67.8	174	1.0	15.9	60.9	76.5
SY Valda	71.3	175	1.5	15.3	60.7	84.1
TCG-Heartland	66.7	174	1.2	15.9	60.7	77.8
TCG-Spitfire	72.0	177	1.2	15.0	59.9	88.5
TCG-Wildcat	72.7	175	1.3	15.6	60.9	83.8
Velocity	79.2	175	1.2	15.3	62.2	83.2
WB9479	66.3	174	1.0	16.3	60.6	76.2
WB9590	64.7	174	1.0	15.7	60.2	82.2
Mean	73.9	174	1.4	15.5	60.4	82.7
CV	4.8	1	32.4	1.2	0.9	5.3
LSD 0.05	4.0	1	0.5	0.2	0.6	4.9
LSD 0.10	3.3	1	0.4	0.2	0.5	4.1

¹The experiment was designed as a split-plot with half of the plots being treated with Prosaro at Feekes 10.51 at the rate of 8.2 fl oz per acre. Due to little disease pressure there was no response to the fungicide treatment, so the values in the table are averaged over the fungicide treatments.