

Performance of hard red winter wheat cultivars, Prosper, ND, 2016.

Variety	Winter Survival	Heading Date	Height (cm)	Lodging (1-9) ¹	Leaf Disease (%)	FHB Index (%)	Protein (%)	Test Weight (lb/bu)	Yield			DON ppm
									2016	2 yr avg. (bu/ac)	3 yr avg.	
AC Gateway	4.5	6/6	71.5	1.5	12.4	7.6	12.3	57.5	74.1	56.4	50.4	1.7
Accipiter	1.8	6/8	73.8	3.3	21.2	21.0	11.9	56.4	58.9	46.8	43.9	1.9
Broadview	5.3	6/6	72.5	4.5	13.0	20.8	12.2	57.1	70.2	54.9	49.8	1.7
CDC Chase	4.5	6/4	81.0	2.5	9.6	4.5	11.9	59.4	85.7	68.9	--	1.1
Colter	2.5	6/7	74.8	1.3	23.7	37.7	12.1	52.9	58.6	45.6	--	5.3
Decade	3.5	6/4	74.3	2.3	15.7	3.5	12.4	56.3	68.8	53.0	49.7	2.5
Emerson	4.8	6/5	78.5	1.8	10.2	2.1	12.3	58.1	70.2	61.1	57.0	0.1
Flourish	3.3	6/5	72.8	2.3	15.8	16.8	12.1	55.6	64.2	50.6	46.6	2.4
Ideal	5.0	6/5	76.8	2.8	25.7	6.6	11.5	57.4	75.3	56.1	54.3	1.8
Jerry	2.3	6/6	83.3	2.8	13.1	3.6	12.1	57.3	68.8	51.1	49.0	1.7
Loma	3.0	6/8	69.0	1.3	31.2	14.5	12.6	53.4	61.1	--	--	3.5
Lyman	4.0	6/4	77.5	3.3	10.9	0.6	12.4	59.1	78.6	57.4	54.1	0.5
Moats	3.8	6/7	84.8	2.5	12.8	10.3	12.7	57.7	66.0	52.7	48.9	0.9
Northern	3.5	6/7	74.0	2.0	15.9	3.0	12.4	55.7	76.2	--	--	2.0
Overland	4.3	6/5	77.0	2.5	17.6	1.9	11.6	58.4	81.0	60.9	53.0	0.7
Peregrine	5.5	6/6	88.5	3.8	13.3	3.5	11.9	58.6	74.0	61.8	57.7	1.3
Redfield	4.0	6/5	68.8	3.3	19.4	4.6	12.4	57.8	67.5	53.9	--	1.5
Ruth	5.8	6/4	73.3	3.3	18.4	4.7	12.4	57.3	57.5	--	--	0.5
SY Monument	6.3	6/4	72.8	1.8	15.2	9.9	12.5	56.7	81.0	--	--	1.6
SY Sunrise	5.3	6/4	63.3	3.3	27.2	5.4	12.1	57.7	61.8	--	--	1.1
SY Wolf	5.5	6/5	69.8	1.0	13.2	5.5	12.7	57.3	81.2	63.7	55.7	1.1
WB Matlock	3.5	6/6	77.0	2.0	17.6	3.5	11.9	59.0	74.3	56.8	50.5	0.6
WB4614	6.3	6/4	71.3	1.0	14.8	23.9	12.7	51.0	65.8	51.1	--	3.9
Mean	4.3	6/5	75.0	2.4	16.8	9.4	12.2	56.9	70.5	55.7	51.5	1.7
CV (%)	49.0	0.0	6.0	28.5	32.7	117.4	3.3	1.6	11.1	--	--	49.0
LSD (0.05)	2.9	1.5	6.4	1.0	11.4	15.5	0.6	1.3	11.0	--	--	1.2
LSD (0.10)	2.5	1.3	5.3	0.8	9.4	13.0	0.5	1.0	9.2	--	--	1.0

Planting Date: 9/28/2015 Seeding Rate: 1.2 Million
 Herbicide: Wolverine 1.7pt. 5/23 Fung.Treatment: Stratego 7 fl. oz. 5/23

¹Lodging rate: 1-9 with 9 = flat