

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

Hard Red Winter Wheat - Direct Seeded **Carrington**

Variety	Heading Date	Plant Height in.	Lodge 0-9	---- Grain Protein ----			----- Grain Yield -----			
				2018 ----- %	3-yr. Avg. ¹ -----	Test KWT g/1000	2018 ----- lb/bu	2-yr. Avg. ----- bu/ac	3-yr. Avg. ¹ -----	
Jerry	6/9	34.6	2.3	14.28	14.1	33.63	59.9	68.2	57.0	59.5
Decade	6/9	30.2	1.0	14.90	15.0	28.52	59.6	65.4	48.4	53.6
Lyman	6/8	31.5	3.0	14.65	15.3	35.04	61.0	74.8	54.8	55.4
Ideal	6/9	29.8	1.3	14.10	13.6	30.30	60.8	64.9	48.0	53.3
Overland	6/8	30.4	1.8	14.28	14.5	31.08	60.7	67.0	53.3	54.2
SY Wolf	6/9	27.2	1.0	14.55	14.1	30.35	59.7	64.3	57.2	57.1
WB Matlock	6/8	32.9	2.8	14.35	14.0	31.19	61.6	73.6	62.2	62.3
Peregrine	6/10	36.2	2.0	13.30	12.8	31.26	61.4	74.4	58.6	61.2
Accipiter	6/9	31.8	2.8	13.48	12.9	27.15	60.5	58.7	56.7	57.4
Moats	6/10	33.1	2.3	14.48	13.4	30.41	60.6	70.2	59.7	60.6
AAC Wildfire	6/11	32.1	0.8	14.48	--	28.92	59.1	70.0	--	--
AC Broadview	6/8	28.3	2.8	13.48	13.1	27.17	60.3	68.0	53.2	--
AC Emerson	6/10	33.3	0.3	15.95	15.1	29.15	61.0	66.0	52.0	55.0
AC Gateway	6/10	29.8	0.3	15.10	14.5	30.22	61.3	68.1	54.5	55.0
CDC Chase	6/9	33.9	2.3	14.35	13.4	30.30	60.9	75.3	64.5	62.2
Redfield	6/9	29.4	2.5	14.03	13.7	31.07	61.2	74.1	64.6	62.8
WB4462	6/9	30.6	1.0	13.83	14.1	29.78	61.1	71.2	--	--
SY Monument	6/9	27.8	1.3	13.50	--	29.93	58.7	64.9	47.8	--
SY Sunrise	6/9	24.8	1.5	13.93	--	31.16	59.6	67.8	52.8	--
Northern	6/10	29.3	1.0	14.55	--	28.24	58.6	63.7	55.5	--
Loma	6/11	29.0	1.3	15.25	--	23.73	56.2	51.8	44.3	--
Thompson	6/8	33.1	0.8	14.43	--	29.37	60.8	69.2	--	--
Oahe	6/8	30.2	2.3	14.40	--	33.93	61.3	69.8	52.6	--
Keldin	6/10	30.5	1.8	13.75	--	35.25	60.5	70.7	65.6	--
AAC Goldrush	6/10	30.9	0.3	15.38	--	32.03	60.5	63.0	--	--
Mean	6/9	30.6	1.6	14.36	--	30.41	60.2	67.4	--	--
C.V. (%)	0.5	6.1	33.7	3.3	--	4.50	1.6	9.6	--	--
LSD (0.10)	0.9	2.2	0.6	0.56	--	1.62	1.1	7.6	--	--
LSD (0.05)	1.1	2.6	0.8	0.66	--	1.94	1.3	9.1	--	--

Planting Date: September 14, 2017; Harvest Date: July 23, 2018; Previous Crop: Oats

¹ Three-year average is for 2015, 2017 and 2018 as 2016 trial experienced significant hail.