

**NDSU Carrington Research Extension Center
2019 Variety Trial Data**

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

Treatment	Heading Date	Plant Height in.	Plant Lodge ¹ 0-9	Test Weight lb/bu	--- Grain Protein ---			----- Grain Yield -----		
					2019 ----- % -----	3-yr. Avg. ----- g/1000	KWT	2019 ----- bu/ac -----	2-yr. Avg.	3-yr. Avg.1
Jerry	6/20	33.9	1.5	59.0	13.55	14.2	31.8	44.1	56.1	52.7
Decade-Fhb1 (MT1793)	6/19	29.6	0.3	57.1	14.93	15.2	28.6	37.8	51.6	44.9
Northern	6/20	28.9	0.3	56.2	14.18	14.3	25.8	38.4	51.0	49.8
Loma	6/21	27.3	0.8	55.0	15.28	15.2	22.2	29.7	40.7	39.5
Ideal	6/20	28.3	0.8	58.8	13.48	14.1	28.0	40.6	52.7	45.5
Oahe	6/18	28.0	1.0	59.6	13.13	14.2	34.4	45.7	57.7	50.3
Thompson	6/19	30.1	0.5	57.5	13.60	--	25.6	34.8	52.0	--
Overland-Fhb1	6/19	30.1	0.8	57.8	13.58	14.7	27.4	29.2	45.4	41.2
Peregrine	6/20	34.4	1.5	59.2	12.65	13.1	27.7	44.9	59.7	54.1
AC Emerson	6/21	33.5	0.0	59.8	14.23	15.2	27.5	43.4	54.7	49.1
WB4462	6/15	28.2	1.5	57.9	13.23	--	31.5	37.8	54.5	--
Keldin	6/19	29.1	1.0	59.2	13.63	13.4	35.2	45.4	58.0	58.8
SY Wolf	6/16	26.0	0.5	59.4	13.48	14.3	31.0	39.1	51.7	51.2
SY Monument	6/18	26.9	0.3	57.3	13.40	13.6	30.3	37.6	51.2	44.4
SY Sunrise	6/15	25.4	1.0	55.7	13.90	14.7	25.4	29.9	48.9	45.1
SY Wolverine	6/13	26.6	0.5	59.0	13.70	--	32.5	41.2	--	--
TCG-Boomlock	6/18	29.4	1.8	59.7	14.10	--	28.6	36.4	--	--
Mean	6/18	29.2	0.8	58.2	13.74	--	29.3	38.5	--	--
C.V. (%)	0.1	8.0	62.7	1.4	2.5	--	6.6	8.2	--	--
LSD (0.10)	1.6	2.8	0.6	0.90	0.41	--	2.3	3.7	--	--
LSD (0.05)	1.9	3.3	0.7	1.10	0.49	--	2.7	4.5	--	--

Planting Date = September 12, 2018; Harvest Date = August 6; Previous Crop = Spring Wheat

¹Lodging score: 0 = no lodging; 9 = plants lying flat