

**NDSU Carrington Research Extension Center
2013 Variety Trial Data**

Hard Red Winter Wheat - No-till **Carrington**

Variety	Julian Day of Heading	Plant Height inch	Plant Lodge ^{1,2} 0 to 9	Plant Lodge 0 to 9	-- Grain Protein --			----- Grain Yield -----					
					2013	3-yr. Avg. ----- %	Test Weight lb/bu	1000 KWT ² gram	1000 KWT gram	Grain Yield ² bu/ac	2-yr. 2013	3-yr. Avg. -----	
Jerry	179.0	28.3	1.0	1.7	13.86	11.7	60.1	9.1	9.2	61.9	55.7	52.9	49.9
Wesley	176.0	22.8	2.0	1.3	14.37	12.3	60.3	8.9	8.8	47.7	44.8	48.7	47.6
Lyman	175.8	26.7	1.7	2.0	14.36	12.4	61.0	9.1	8.7	53.4	47.1	48.8	49.5
Art	174.2	22.8	2.3	1.3	14.37	12.4	61.4	7.4	7.1	39.3	39.3	49.6	48.2
WB-Grainfield	173.3	22.9	4.7	4.5	12.48	--	60.5	7.3	7.1	38.6	37.7	--	--
Peregrine	181.0	29.8	1.0	2.3	12.54	10.9	61.0	8.1	8.0	54.2	52.0	52.0	49.6
Boomer	181.0	26.3	1.0	1.0	13.19	11.4	59.7	8.4	7.7	63.0	58.1	53.8	51.2
WB-Matlock	178.8	27.0	0.7	1.0	13.71	11.8	60.8	8.1	7.5	55.7	50.3	51.5	48.5
AC Broadview	180.7	23.8	1.3	1.3	12.88	11.1	58.6	7.5	7.4	56.2	45.3	49.1	48.9
McGill	176.7	26.6	2.0	3.3	13.84	--	59.7	7.9	7.5	39.8	39.1	48.1	--
CDC Falcon	179.0	23.3	1.0	1.7	12.86	11.3	60.3	7.1	6.8	57.5	48.9	51.3	50.8
Expedition	173.5	26.0	2.3	2.0	13.31	--	60.7	8.7	8.0	49.8	40.7	--	--
Decade	178.0	25.0	1.7	1.3	14.71	12.2	59.0	8.5	7.9	54.6	46.4	46.9	46.9
Accipiter	180.8	23.6	1.0	1.0	12.84	11.0	60.1	7.3	6.9	63.4	53.5	50.5	45.6
Overland	177.7	23.8	1.3	2.0	13.91	11.7	60.8	8.2	7.9	50.7	39.3	49.1	51.8
SY Wolf	174.8	24.7	2.0	2.3	13.37	--	60.8	7.9	7.7	50.1	39.0	46.3	--
Ideal	178.5	25.2	0.3	1.3	12.74	11.2	60.2	8.4	8.2	54.9	48.5	47.9	47.1
Robidoux	175.5	24.0	1.7	2.7	12.81	--	60.3	7.8	7.2	44.1	39.8	49.9	--
Moats	180.0	26.6	2.0	2.0	12.93	--	59.2	7.7	7.5	54.9	51.1	--	--
Sunrise	178.7	26.1	1.7	1.3	12.49	--	57.8	7.9	7.8	58.0	42.5	--	--
Freeman	173.8	23.2	2.0	3.3	12.65	--	58.5	7.6	8.8	49.8	46.4	--	--
Flourish	178.7	25.1	1.3	1.7	13.44	--	59.1	8.1	7.9	63.9	51.1	--	--
Mean	177.4	25.7	1.5	1.7	13.50	--	60.1	8.2	7.9	54.0	48.7	--	--
C.V. (%)	1.5	11.2	64.5	64.5	5.7	--	2.1	10.4	10.4	20.7	20.7	--	--
LSD 0.05 ³	1.2	2.3	0.9	0.9	0.34	--	1.0	0.7	0.7	6.6	6.6	--	--
LSD 0.10 ³	1.0	1.9	0.7	0.7	0.28	--	0.8	0.6	0.6	5.5	5.5	--	--

Planting Date = September 17, 2012; Harvest Date = August 9; Previous Crop = Flax

¹ Plant lodging scores of 0 indicate no lodging; a score of 9 would indicate plants laying flat.

² shaded boxes indicate that the plots were treated with 6 oz. Headline fungicide at the 4 leaf stage

³ Mean separation between varieties

⁴ Mean separation between fungicide treatments