

**NDSU Carrington Research Extension Center
2003 Variety Trial Data**

Hard Red Winter Wheat - No-Till											Carrington
Variety	Jday of Head	Plant Lodge	Plant Height inch	--- Grain Protein -			--- Test Weight -----		Grain Yield -----		
				2003	3-yr. Avg.	1000 KWT	2003	3-yr. Avg.	2003	2-yr. Avg.	3-yr. Avg.
				----- % -----	----- gram -----	----- lb/bu -----	----- bu/ac -----				
Agassiz	170	4.5	41.8	12.4	12.3	28.5	59.6	60.4	49.6	45.7	49.7
Alliance	164	2.8	31.3	11.3	11.7	31.7	58.6	58.6	60.6	51.1	50.5
Arapahoe	167	2.5	39.5	12.3	12.5	30.8	59.2	59.8	65.0	51.4	54.4
CDC-Falcon	168	0.3	29.1	12.0	11.8	25.4	58.3	59.3	61.3	52.9	54.6
CDC-Kestrel	169	1.8	39.6	10.6	10.7	26.6	57.0	58.2	63.0	54.1	57.2
CDC-Raptor	170	0.5	33.5	11.5	11.7	24.8	58.4	59.3	66.6	56.2	57.1
Crimson	167	2.0	37.2	12.3	12.6	29.7	60.8	60.1	56.7	46.5	42.7
Elkhorn	170	2.8	41.7	12.3	12.1	30.3	59.2	59.2	56.2	50.3	53.0
Expedition	162	2.0	30.8	12.0	--	36.8	60.6	--	59.9	48.7	--
Good Streak	166	1.5	39.1	12.1	--	34.1	60.7	--	69.0	--	--
Harding	168	2.3	37.8	12.3	12.6	30.7	58.7	59.2	53.7	49.3	51.4
Jagalene	166	0.5	30.6	12.9	--	35.4	60.6	--	63.3	--	--
Jerry	170	1.3	35.2	11.9	--	33.7	58.4	--	66.1	--	--
Millennium	166	0.3	33.9	11.9	12.5	32.9	60.1	59.5	66.7	52.8	51.5
Morgan	170	2.8	38.3	11.2	11.6	30.1	58.6	59.7	72.6	56.8	58.7
Nekota	164	0.8	30.5	12.1	12.4	34.8	59.2	59.2	51.7	43.6	42.4
Norstar	171	3.8	45.4	11.7	11.4	30.0	60.7	61.4	56.6	50.8	53.9
Paul	169	1.5	33.1	12.1	--	24.9	55.6	--	50.3	--	--
Ransom	169	3.5	39.8	11.6	11.8	28.8	57.7	58.8	59.3	53.7	55.5
Roughrider	170	4.0	40.3	12.4	12.4	30.0	59.8	60.8	49.8	44.9	49.4
Seward	171	4.0	45.1	11.5	11.9	29.9	60.3	61.1	50.0	47.5	52.4
Tandem	165	2.0	36.1	12.6	12.5	39.7	60.2	60.0	65.3	51.9	50.1
McClintock	168	1.0	37.6	11.5	12.3	28.6	60.6	61.0	66.1	54.0	55.0
Wahoo	166	2.0	31.2	11.8	--	30.4	57.6	--	62.7	51.3	--
Wesley	164	0.3	29.2	12.8	--	37.4	59.4	--	61.4	47.1	--
Windstar	165	3.8	38.2	12.8	--	30.7	60.1	--	56.3	--	--
Mean	167.5	2.0	36.1	12.0	--	30.8	59.2	--	60.2	--	--
C.V. %	0.6	46.2	5.1	3.3	--	4.8	0.9	--	9.7	--	--
LSD .05	1.4	1.3	2.6	0.6	--	2.1	0.7	--	8.2	--	--

Planting Date = September 18; Harvest Date = August 7;

Previous Crop = Flax; Jday of 167 = June 16

**** The Canadian line UM5089 now released as McClintock.**