

**NDSU Carrington Research Extension Center  
2011 Variety Trial Data**

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

Variety	Seedlin	Winter	Julian	Plant	Plant	Leaf	Estimate--	Grain Protein --		----- Grain Yield -----				
	g	Survival	Heading	Height	Lodge	Disease	of Hail	3-yr.	1000	Test	2-yr.	3-yr.		
	Vigor <sup>1</sup>	%	<sup>2</sup>	inch	0 to 9	%	Loss <sup>3</sup>	2011	Avg.	Weight	2011	Avg.	Avg.	
	1 to 9						%	----- %	-----	gram	lb/bu	-----	bu/ac	
Accipiter	5.8	98	170.0	35.2	2.8	43.8	12	11.8	11.2	28.1	59.5	35.8	56.0	47.4
Art	5.3	96	164.2	32.0	2.3	38.7	13	13.3	13.0	28.4	59.4	45.5	60.7	49.0
SY Wolf <sup>4</sup>	6.8	100	165.8	32.5	2.0	18.5	12	12.6	--	32.0	60.0	48.4	--	--
Boomer	5.5	98	167.7	34.6	2.3	33.8	13	12.6	11.9	31.6	58.3	45.9	62.7	52.7
CDC Falcon	5.5	99	167.2	33.3	2.5	41.8	12	12.3	12.0	27.3	58.6	49.8	60.4	47.2
Carter	6.5	100	167.2	30.6	2.0	45.3	8	13.3	--	26.7	59.4	36.4	55.7	--
Darrell	5.8	100	165.8	35.8	3.8	28.5	14	12.4	12.1	35.8	59.8	44.7	63.2	54.8
Decade	7.3	100	167.0	34.6	2.7	36.2	13	12.6	--	30.2	59.3	46.9	61.8	--
Expedition	6.3	98	164.5	33.5	2.8	50.8	11	12.4	--	35.9	59.6	48.9	--	--
Hawken	6.0	99	164.5	28.2	1.8	53.3	12	12.8	12.6	31.1	59.2	38.1	57.8	47.8
Jerry	5.5	96	169.2	37.0	3.8	38.3	13	12.8	12.5	33.6	57.7	43.9	60.0	51.5
Lyman	5.5	96	165.3	34.6	4.3	42.3	12	13.2	13.1	36.8	60.5	50.7	61.7	49.8
Millennium	5.3	99	166.7	37.0	3.0	21.2	16	12.8	12.3	32.7	59.0	44.0	59.0	50.6
Overland	6.3	99	165.8	34.9	3.0	20.7	12	12.5	12.0	33.8	60.1	57.2	68.1	57.0
Peregrine	7.8	100	169.2	41.6	4.3	18.7	14	11.7	11.5	31.5	60.1	44.8	59.6	52.7
Ideal	6.0	100	168.2	33.1	3.0	31.5	13	12.4	12.2	32.8	59.6	45.5	63.8	55.1
Striker	5.5	100	167.0	31.4	2.0	49.7	14	12.7	12.4	27.7	58.2	42.3	58.4	49.4
WB-Matlock	4.5	93	168.5	36.2	2.5	49.2	11	13.2	12.7	30.0	59.8	42.4	58.1	47.6
Wesley	6.5	100	165.0	30.1	1.8	64.2	11	13.0	12.7	33.2	57.5	45.2	60.9	49.9
Yellowstone	4.8	94	169.2	34.8	2.7	52.5	14	12.6	11.8	31.1	56.6	28.9	53.0	45.6
Mean	5.8	97.8	167.1	34.2	2.9	38.5	12.9	12.7	--	32.5	58.8	43.9	--	--
C.V. (%)	14.4	3.7	0.4	5.4	22.3	46.5	15.7	3.5	--	5.9	1.9	13.2	--	--
LSD 0.05	1.1	NS	0.7	2.1	0.7	20.2	4.1	0.5	--	2.2	1.3	6.5	--	--
#REPS	4	4	6	6	6	6	6	6	--	6	6	6	--	--

**Planting Date = September 21, 2010; Harvest Date = July 29; Previous Crop = Flax**

<sup>1</sup> Seedling Vigor: 1 to 9; 1 = poor vigor to 9 = greatest vigor.

<sup>2</sup> Relative to 'Day of Heading', Julian Day of 167 equates to June 16.

<sup>3</sup> This trial experienced a hail storm on July 24, estimated damage/yield loss among varieties is noted.

<sup>4</sup> The variety 'SY Wolf' was previously tested as 'BC01007-7'.