

**NDSU Carrington Research Extension Center  
2010 Variety Trial Data**

Hard Red Winter Wheat - No-till Carrington

Variety	No Fungicide Applied						Fungicide Applied <sup>1</sup>			
	Flag Leaf	1000	Grain	Test	Grain		1000	Grain	Test	Grain
	Disease	KWT	Protein	Weight	Yield		KWT	Protein	Weight	Yield
	%	gram	%	lb/bu	bu/ac	gram	%	lb/bu	bu/ac	
Art	30.7	33.4	12.0	58.5	70.8		34.6	13.5	59.8	80.8
Boomer	73.3	30.7	11.2	57.9	66.6		34.9	12.3	57.9	92.2
CDC Accipiter	59.3	29.3	10.7	58.2	64.6		32.4	11.5	59.4	87.8
CDC Falcon	61.7	29.5	12.1	59.2	58.0		36.5	12.3	59.7	83.8
CDC Perigrine	54.0	31.0	12.0	58.9	64.9		32.9	11.8	60.2	83.9
Carter	63.3	29.1	11.3	58.4	65.9		32.0	12.9	59.6	84.0
Darrell	41.0	38.3	11.7	58.7	74.6		41.7	12.3	58.0	88.6
Hawken	36.7	33.3	11.9	58.4	73.2		34.7	12.9	61.2	81.7
Hitch	21.0	31.3	11.4	57.2	61.8		36.4	11.4	58.5	72.4
Jagalene	77.3	34.9	10.6	59.2	63.0		37.9	12.8	60.8	86.1
Jerry	38.3	38.8	12.1	57.4	65.7		39.3	13.6	59.9	86.4
Lyman	37.3	40.0	12.2	59.6	64.2		40.9	13.3	58.9	81.3
Decade	14.3	34.5	12.5	54.7	66.8		35.5	13.6	58.9	86.4
Mace	42.7	29.5	11.1	57.5	62.9		31.9	12.1	61.0	77.3
Millenium	30.3	35.1	11.7	58.1	70.0		35.8	12.7	58.7	78.0
Overland	31.7	38.9	11.2	56.9	72.7		37.5	12.2	58.6	85.0
Roughrider	35.0	33.6	12.1	59.4	59.3		36.4	14.6	59.9	68.9
Striker	61.7	31.1	12.1	59.6	63.9		35.7	13.0	59.6	84.9
Wesley	63.3	37.2	12.2	56.9	66.2		40.2	13.3	59.3	87.0
Yellowstone	45.0	33.0	11.1	56.0	65.6		37.0	11.9	58.8	88.4
Mean	45.6	33.8	11.7	58.3	67.1		36.8	12.7	59.5	83.7
C.V. %	16.8	4.6	4.8	3.2	6.1		5.6	6.6	3.1	6.2
LSD .05	12.6	2.6	0.9	NS	6.8		3.4	1.4	NS	8.6

**Planting Date = September 29; Harvest Date = July 28; Previous Crop = Flax**

\*\* The winter survival among all varieties of the trial was good.

<sup>1</sup> The fungicide applied was a single application of Prosaro + NIS {6.5 fl oz/Ac} made between Feekes 10.0 to 10.5. The fungicide application significantly influenced seed weight, grain protein, test weight, and grain yield. There was a significant interaction relative to fungicide impact on grain yield among varieties. LSD.05= 7.7 bu/Ac.

Julian Day of 159 equates to June 8