

**NDSU Carrington Research Extension Center
2005 Variety Trial Data**

Hard Red Spring Wheat - Organic				Wells County - Cathay (Carrington REC)				
Variety	Plant Vigor*	Plant Lodge	Plant Height	Head Scab**	Grain Protein	1000 KWT	Test Weight	Grain Yield
	1-10	0-9	inch	1-10	%	gram	lb/bu	bu/ac
Alsen	8.3	0.0	30.7	2.0	16.0	21.9	57.4	19.1
Coteau	3.5	0.0	37.1	1.0	15.0	24.7	53.8	21.2
Dapps	8.5	0.0	35.5	9.5	16.7	22.1	54.9	15.8
Fryer	8.8	0.0	30.6	4.0	15.7	20.3	54.4	16.8
Hanna	8.5	0.0	37.4	1.5	14.3	25.3	56.3	19.9
Parshall	9.0	0.0	34.7	7.5	15.2	21.3	56.0	14.1
Steele-ND	10.0	0.0	31.6	8.3	15.9	23.1	57.1	18.5
Stoa	4.3	0.0	37.5	2.0	14.1	17.8	53.8	16.6
Trooper	7.0	0.0	28.2	9.5	14.6	20.7	54.0	12.3
MEAN	7.8	0.0	33.1	5.4	15.1	22.3	55.4	18.1
C.V.%	21.8	NA	3.5	26.4	0.8	8.1	1.6	9.2
LSD.05	2.4	NS	1.7	2.1	0.2	2.6	1.3	2.4

* Plant vigor score: 1 to 10, where 1 equals the poorest vigor and a 10 equals excellent seedling vigor.

** Head scab data: 1 to 10, where a 1 equates to less fusarium blight disease and 10 equals heavy pressure.

When reviewing the scab disease data, one must take into account the differences in variety maturity as this will influence the relative progression of the disease when the data was recorded.

* Example: Coteau and Stoa are the latest varieties in trial and scores may reflect escape or disease not fully expressed.

Planting Date = May 5 ; Harvest Date = August 8 ; Previous Crop = Green Fallow