

**NDSU Carrington Research Extension Center**  
**2009 Variety Trial Data**

<b>White Wheat</b>												<b>Carrington</b>
Variety	Days to Head	Plant Lodge	Plant Height	Flag <sup>1</sup> Leaf Rust 0 to 9	--- Grain Protein ---			----- Grain Yield -----				
					2009	3-yr. Avg.	1000 KWT	Test Weight	2-yr. 2009	3-yr. Avg.	3-yr. Avg.	
					----- % -----	----- gram -----	lb/bu	----- bu/ac -----				
AC Karma	62.0	1.5	32.3	5.0	11.5	12.8	35.2	58.2	46.2	54.8	43.5	
AC Snowbird	60.3	1.0	37.9	7.3	13.4	14.5	33.4	60.4	40.1	41.2	36.5	
AC Snowstar	58.8	0.3	34.8	2.0	13.1	--	31.5	61.5	38.8	38.9	--	
AC Vista	59.8	1.8	32.1	8.9	11.4	12.8	40.1	58.6	53.9	58.3	50.4	
Agawam	56.5	2.8	26.5	7.0	11.9	13.1	37.6	61.1	38.4	43.1	37.2	
Alpine	59.3	0.3	32.0	5.8	12.6	--	34.8	60.2	53.7	57.0	--	
Alpine + fungicide <sup>2</sup>	58.3	0.3	31.2	2.3	12.5	--	33.8	60.4	60.3	--	--	
Blanca Fuerte	57.3	0.0	22.2	3.8	12.5	--	38.3	60.0	58.9	55.2	--	
Blanca Royale	57.0	0.0	23.1	9.0	12.8	--	30.1	56.0	48.6	61.5	--	
Diamond	60.3	0.8	30.7	8.5	12.3	--	32.3	59.2	45.1	49.9	--	
Explorer	56.5	2.0	29.2	9.0	13.5	14.3	30.3	58.1	45.7	49.3	42.8	
Glenn <sup>3</sup>	57.0	0.3	35.7	0.0	14.5	15.2	35.9	63.2	56.5	53.0	46.9	
Golden 86	58.3	0.5	28.7	6.5	12.1	13.6	34.7	58.9	42.3	49.1	42.6	
Kanata	60.5	1.0	37.4	1.8	13.9	14.7	30.5	60.5	37.9	43.7	37.3	
Lochsa	58.5	0.5	28.1	7.3	12.0	13.2	34.3	55.3	36.5	46.2	39.5	
Lolo	60.3	2.3	31.1	7.8	11.7	13.0	34.4	59.7	35.1	45.1	38.6	
Otis	60.8	1.3	34.3	8.0	11.3	12.9	33.7	59.7	41.0	44.7	37.5	
Peerless	63.8	0.0	26.5	5.3	11.4	--	28.7	58.3	37.0	43.3	--	
Pennewawa	62.3	0.8	29.3	8.8	11.1	13.1	28.5	55.1	30.0	38.8	32.6	
Reeder <sup>3</sup>	59.0	0.3	33.4	2.5	13.1	14.1	33.8	60.3	52.1	59.2	49.9	
Snow Crest	56.5	2.0	22.2	7.3	12.8	14.1	30.8	56.3	26.2	37.8	33.4	
Steele-ND <sup>3</sup>	58.3	0.5	33.8	0.0	14.4	14.9	38.5	61.8	61.3	59.3	52.2	
Waikea	57.5	1.0	30.4	7.3	11.9	13.5	36.9	56.5	50.2	55.2	48.5	
MEAN	59.0	0.9	30.6	5.7	12.5	--	33.7	59.1	44.3	--	--	
C.V.%	1.4	64.6	6.2	15.3	3.4	--	4.5	1.0	9.7	--	--	
LSD.05	1.2	0.9	2.7	1.2	0.6	--	2.2	0.8	6.1	--	--	

**Planting Date = May 6 ; Harvest Date = August 24 ; Previous Crop = Soybean**

<sup>1</sup> Leaf rust scored on a 0 to 9 scale with 0 = no presence of rust to 9 = high/heavy level of rust symptoms.

<sup>2</sup> The one treatment of 'Alpine' received a 'Prosaro' fungicide application at initial heading stage.

<sup>3</sup> The cultivars 'Glenn', 'Reeder', and 'Steele-ND' are hard red spring wheat checks.