

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

Hard Red Spring Wheat - Dryland											Carrington		
Variety	Days to Head	Plant Lodge 0-9	Plant Height inch	Leaf Disease %	Scab Plot Severity %	--- Grain Protein ---			---- Grain Yield ----				
						2005	2-yr. Avg.	3-yr. Avg.	1000 KWT gram	Test Weight lb/bu	2005	2-yr. Avg.	3-yr. Avg.
AC Amazon	70.5	1.8	42.5	71.5	10.9	15.8	15.0	14.5	28.7	55.7	33.3	42.1	50.5
AC Superb	66.5	0.3	37.8	97.8	22.0	15.7	14.8	14.7	21.8	51.3	29.4	38.4	47.7
ACS 51631	74.0	0.0	39.1	34.0	0.9	15.1	13.9	13.6	20.8	54.8	42.4	50.0	57.9
ACS 51638	71.3	0.0	34.4	64.0	7.9	14.4	13.7	--	19.0	54.4	42.1	46.3	--
ACS 51651	71.0	0.0	35.8	35.5	5.7	16.6	15.7	15.6	22.7	55.9	44.6	55.1	60.3
AP603	70.0	0.0	39.8	84.3	3.3	16.2	--	--	18.9	56.1	32.0	--	--
Alsen	66.0	0.0	35.6	74.3	3.7	16.0	15.1	15.0	24.0	58.8	46.0	53.4	59.4
Argent	65.0	0.5	37.0	92.5	15.7	15.9	--	--	23.7	54.6	35.3	--	--
Banton	65.0	0.0	37.2	72.0	13.8	15.4	15.1	--	24.8	58.8	42.9	51.3	--
Bigg Red	67.8	1.5	37.7	77.3	3.6	14.4	--	--	25.9	61.9	54.5	--	--
Briggs	64.5	2.0	33.6	45.3	13.8	15.7	15.0	15.0	26.2	58.8	52.2	64.9	68.6
Buck Pronto	64.8	0.0	35.2	95.5	16.7	16.4	--	--	23.7	53.7	30.3	--	--
Dapps	66.3	1.0	40.5	26.5	13.8	16.7	16.1	16.0	24.0	55.3	39.9	49.8	58.0
ES54	70.5	1.3	39.6	50.5	13.5	16.9	14.8	15.2	27.8	56.1	40.4	48.4	56.1
Express	66.0	0.0	28.2	48.0	21.9	15.3	--	--	22.0	52.5	34.2	--	--
Freyr	66.5	0.3	37.4	42.3	4.7	15.3	14.6	--	23.6	56.8	46.5	52.8	--
Glenn	64.3	1.0	37.6	41.8	3.6	15.9	15.4	15.2	26.8	61.6	52.9	59.5	63.5
Granger	66.3	1.8	38.1	33.8	3.4	15.4	14.8	14.5	31.5	59.6	52.5	60.7	66.7
Granite	70.0	0.0	34.4	60.8	7.6	16.8	15.8	15.7	21.3	58.4	41.2	50.1	58.9
Gunner	70.0	0.3	38.5	82.5	9.9	16.4	15.1	15.1	20.8	58.2	36.7	44.7	54.1
Hanna	68.3	1.0	40.7	79.8	12.1	15.1	14.4	14.5	26.4	58.1	42.0	50.3	56.5
Ingot	63.8	2.0	38.1	100.0	7.0	15.2	14.0	14.2	23.5	60.1	41.0	44.9	54.2
Keystone	66.0	1.3	37.7	71.8	6.5	14.7	13.9	13.8	23.7	59.0	49.7	57.7	63.5
Knudson	68.3	0.5	37.4	29.0	7.9	14.4	13.8	13.8	24.7	57.6	51.5	61.9	68.5
Lolo	69.0	0.0	36.7	98.3	19.3	14.1	--	--	21.2	52.0	20.6	--	--
Norpro	66.8	0.0	36.5	57.8	11.1	15.2	14.3	14.1	21.0	51.8	34.3	46.3	57.1
Oklee	65.3	3.0	37.1	60.0	6.0	15.7	15.0	14.9	25.2	61.2	52.4	59.7	64.1
Oxen	65.5	0.5	34.4	94.5	6.9	15.1	14.5	14.2	21.3	53.9	42.9	47.3	57.1
Parshall	64.5	0.3	38.9	79.8	13.5	15.9	15.1	15.1	23.0	58.0	39.5	47.1	57.4
Polaris	74.0	0.0	37.3	33.3	5.8	14.7	13.8	--	23.3	56.0	48.9	51.7	--
Reeder	65.5	0.0	37.3	93.5	17.1	15.6	14.6	14.6	22.0	53.7	37.0	41.8	53.8
Russ	65.3	1.3	37.0	94.5	12.7	15.3	14.5	14.5	25.0	56.3	49.4	55.4	62.6
Saturn	72.8	0.0	35.8	33.5	7.6	16.1	15.0	--	25.0	52.0	40.5	50.2	--
Snowbird	67.0	1.5	39.2	91.0	5.3	15.5	--	--	22.8	57.1	38.8	--	--
Steele-ND	65.8	2.3	36.4	49.5	17.8	16.0	15.1	15.0	25.8	58.8	48.3	63.2	69.6
Trooper	64.0	0.0	32.5	57.5	18.4	14.7	14.1	--	25.3	56.0	39.2	53.4	--
Ulen	65.3	0.3	36.1	77.3	12.1	15.5	14.9	14.7	23.9	57.1	46.6	56.6	62.0
MEAN	67.2	0.8	36.5	61.3	11.3	15.6	---	---	23.9	56.7	43.2	---	---
C.V.%	1.6	96.7	7.2	23.8	64.9	2.0	---	---	5.6	1.7	9.3	---	---
LSD.05	1.5	1.1	3.6	20.3	10.2	0.4	---	---	1.9	1.3	5.5	---	---

Planting Date = April 21 ; Harvest Date = August 8 ; Previous Crop = Soybean

Leaf Disease = % of flag leaf with disease symptoms (combination of leaf rust, tan spot & septoria) at late milk - early dough.

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