

**NDSU Carrington Research Extension Center  
2023 Variety Trial Data**

<b>Hard Red Winter Wheat</b>	<b>Carrington</b>
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Variety	Heading date	Plant Height inch	Lodging 0-9	Harvest		---- Grain Protein ----		1000 KWT gram	Test Weight lb/bu	---- Grain Yield ----	
				Moisture %	Gluten %	2023 %	2-yr. Avg. %			2023 bu/ac	2-yr. Avg. bu/ac
Jerry	6/9	27.8	3.0	13.4	30.5	12.9	13.3	36.3	61.7	56.3	70.0
ND Noreen	6/11	27.4	2.8	15.6	32.2	13.9	13.9	38.4	63.7	57.2	71.6
Northern	6/11	22.9	2.5	13.7	29.9	12.9	13.2	33.6	62.2	65.0	75.4
SD Andes	6/10	24.6	1.8	13.8	29.0	12.1	12.5	37.1	63.6	65.6	77.5
SD Midland	6/9	25.0	2.5	12.6	28.8	12.1	12.6	39.3	62.7	66.0	78.7
Winner	6/6	22.8	3.0	13.1	30.7	12.9	13.1	36.5	62.2	57.8	72.9
AAC-Wildfire	6/12	26.8	2.3	12.9	29.5	12.4	12.9	35.9	62.5	59.0	67.8
AAC Vortex	6/10	24.4	2.0	13.6	32.5	13.8	13.8	34.9	62.2	56.3	70.1
Goldrush	6/11	26.6	1.8	13.7	30.4	12.7		34.3	62.4	61.4	--
AC Emerson	6/11	25.2	1.5	14.1	32.1	13.8	14.1	28.8	62.2	49.6	64.3
MS Sundown	6/5	22.5	4.3	13.5	32.1	13.4		32.4	61.7	48.1	--
MS Maverick	6/8	22.3	3.3	13.4	30.9	13.0	13.0	38.0	62.7	51.1	71.1
AP Bigfoot	6/4	19.9	3.0	13.4	31.2	13.2	13.0	29.8	61.8	50.9	70.6
SY Monument	6/7	20.7	3.0	12.9	29.7	12.5	12.6	34.0	60.9	58.4	71.2
SY Wolverine	6/5	19.3	3.5	13.4	32.4	13.4	13.3	34.3	61.8	39.6	56.9
WB4422	6/12	23.6	2.3	13.8	29.1	12.1		33.8	62.6	61.6	--
Keldin	6/11	24.0	3.3	13.1	28.8	12.4	12.7	40.4	62.6	66.5	80.4
WB4309	6/6	19.7	4.0	12.6	32.7	13.2	13.1	30.9	61.1	47.1	67.4
AAC Coldfront	6/10	23.2	2.3	14.1	29.9	12.8		34.8	62.6	54.5	--
Mean	6/9	23.9	2.7	13.5	30.2	12.8	--	34.8	62.3	57.5	--
C.V. (%)	0.9	5.8	30.2	4.2	3.9	3.3	--	3.0	0.4	9.8	--
LSD (0.05)	1.9	2.0		0.8	1.7	6.4	--	1.5	0.4	7.9	--
LSD (0.10)	1.6	1.6		0.7	1.4	5.4	--	1.2	0.3	6.6	--

**Planting Date = September 14; Harvest Date = August 4; Previous Crop = Durum**

Lodging Score: 0 = no lodging; 9 = plants lying flat.