

**NDSU Carrington Research Extension Center  
2019 Variety Trial Data**

<b>Winter Rye</b>	<b>Carrington</b>
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Variety	Winter	Vigor	Early	Jday of	Plant	Plant	1000	Grain	Test	--- Grain Yield ---	
	Survival		Plant Height	Heading	Lodge	Height	KWT	Protein	Weight	2019	3-yr.
	%	1-10	inch		0-9	inch	gram	%	lb/bu	bu/ac	Avg.
Hancock	63.8	2.0	13.3	161.8	3.0	44.2	27.7	12.1	50.6	43.8	54.5
Spooner	80.0	5.8	13.8	161.0	3.3	44.1	25.0	12.2	49.3	44.6	50.1
Rymin	92.3	7.0	11.9	162.5	3.0	45.8	27.1	10.8	50.3	48.9	66.3
ND Dylan	93.8	4.5	12.0	163.0	2.5	44.7	24.0	11.2	49.4	45.5	64.2
Dacold	87.8	3.5	11.2	165.3	2.0	45.1	27.6	11.0	50.2	43.9	57.2
Aroostok	92.0	5.0	14.1	157.8	3.5	47.0	22.5	13.4	49.6	32.3	38.3
Hazlet	94.5	7.3	12.8	163.0	2.0	43.0	28.9	10.8	50.8	53.0	61.3
Wheeler	85.8	3.0	11.4	166.0	0.5	51.2	30.4	16.1	46.3	9.8	15.3
Brasetto	94.3	7.0	12.3	163.3	0.0	34.2	24.8	10.0	47.6	46.4	71.6
Bono	91.5	6.0	11.2	163.0	0.8	33.3	24.9	9.6	50.2	60.7	--
ND Gardner	95.5	8.5	14.4	156.8	3.5	43.9	22.7	12.5	49.7	42.3	--
Mean	88.3	42.1	12.6	162.1	2.2	43.3	25.9	11.8	49.5	42.8	--
C.V. (%)	7.0	5.4	10.5	0.5	34.5	5.4	5.0	1.8	0.9	16.0	--
LSD 0.10	7.5	2.7	1.6	1.0	0.9	2.9	1.6	0.3	0.6	8.2	--
LSD 0.05	9.0	3.3	1.9	1.2	1.1	3.5	1.9	0.3	0.7	9.9	--

**Planting Date = September 18; Harvest Date = August 1; Previous Crop = Wheat**