

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

Winter Rye	Carrington
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Variety	Vigor ¹ 1-10	Winter Survival %	Jday of Head	Early Height ² inch	Plant Height ² inch	Plant Lodge 0-9	Ergot Sclerotia ³ %	1000 KWT gram	Test Weight lb/bu	--- Grain Yield ---	
										2018 ----- bu/ac	3-yr. Avg.
Hancock	2.3	66.3	155.3	8.3	36.9	1.3	0.70	27.5	51.1	44.1	51.6
Spooner	1.0	38.8	154.3	9.0	38.2	2.3	0.42	27.0	49.7	36.6	46.4
Rymin	8.0	91.3	155.5	8.9	34.5	0.8	0.32	30.7	52.2	61.2	61.1
ND Dylan	8.5	95.0	154.5	8.3	38.0	2.0	0.18	24.9	51.0	60.2	62.5
Dacold	6.5	85.8	159.0	8.5	38.6	1.8	0.29	24.6	48.4	52.9	54.6
Aroostok	3.8	71.0	149.3	11.2	37.8	5.3	0.81	20.8	50.0	29.1	36.4
Hazlet	8.0	90.8	155.8	8.4	32.9	1.3	0.29	29.7	51.9	55.1	58.1
Wheeler	4.8	81.3	158.0	9.2	39.9	0.0	5.03	33.0	46.3	18.0	17.3
Brasetto	8.3	91.8	155.3	8.4	28.8	0.0	0.35	23.2	48.8	58.8	--
Mean	6.0	80.8	154.4	9.1	36.3	1.8	0.88	26.4	50.0	46.3	--
C.V. (%)	18.4	10.8	0.5	14.0	3.7	30.3	45.2	4.1	0.9	11.7	--
LSD 0.10	1.3	10.5	1.0	1.5	1.6	0.6	0.48	1.3	0.6	6.5	--
LSD 0.05	1.6	12.7	1.2	1.8	2.0	0.7	0.58	1.6	0.7	7.8	--

Planting Date = September 21, 2017 ; Harvest Date = July 23 ; Previous Crop = Oats

¹ Vigor: 1 = worst and 10 = best

² Early height taken May 17 and plant height taken at harvest.

³ Ergot = ergot sclerotia bodies in a processed sample expressed as percent by weight.