

Winter Rye Dryland Variety Trial

WREC, Williston, ND 2016

Variety	Days to heading (julian)	Plant height (in)	Winter Survival (%)	Protein [†] (%)	Test weight ¹ (lb/bu)	Yield ² 2016 (bu/a)
Hazlet	142	38	100	11.5	64.1	78.0
Dacold	143	37	99	13.3	60.6	67.0
Hancock	140	38	100	13.5	62.1	66.7
DR02	142	36	100	13.5	61.0	62.4
Spooner	140	34	100	12.9	62.9	61.3
DREB15	138	37	100	13.9	61.5	52.2
Rymin	141	33	100	15.8	60.1	51.8
Aroostok	137	37	100	16.2	60.6	35.2
Wheeler	144	43	100	18.3	60.8	29.2
Mean	141	37.0	100	14.3	61.5	56.0
CV (%)	1.0	10.7	0.4	10.0	1.6	11.8
LSD (5%)	2.0	5.8	0.5	2.1	1.5	9.6
LSD (10%)	1.7	4.8	0.4	1.7	1.2	8.0

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft

Soil test (0-6"): P=27 ppm; K=226 ppm; pH=6.6; OM=2.5%

(0-24"): NO3-N=24 lb/a

Applied fertilizers in lb/a: N=36; P₂O₅=26; K₂O=0

¹Test Weight adjusted to 13.5% moisture

²Yield adjusted to 13.5% moisture

[†]Protein adjusted to 12% moisture

Planted: 9-25-2015

Harvested: 7-22-2016