

## 2021 Winter Rye Variety Trial at Minot

Variety	Spring	Heading	Plant	Lodging	Test	Grain Yield				
	Stand	Date	Height			Weight	2019	2020	2021	2 yr avg
	%	June	inches	0-9*	lbs/bu	bushels per acre				
Bono	75	7	20	0	52.9	105.6	132.8	39.8	86.3	92.7
Brasetto	72	8	20	0	51.8	101.5	130.2	40.8	85.5	90.8
Hazlet	80	7	28	0	53.1	75.1	105.1	38.0	71.6	72.7
ND Dylan	60	8	27	0	52.3	77.3	98.9	26.1	62.5	67.4
Rymin	37	8	25	0	52.0	75.7	78.1	18.7	48.4	57.5
ND Gardner	55	5	25	0	52.8	65.0	79.0	21.7	50.4	55.2
Spooner	57	6	25	0	51.9	60.5	79.9	21.7	50.8	54.0
Aroostok	57	5	25	0	51.9	59.1	75.1	16.5	45.8	50.2
Danko	27	9	25	0	51.4	--	86.4	18.4	52.4	--
Tayo	63	8	20	0	52.5	--	--	43.2	--	--
Serfanio	57	8	22	0	52.6	--	--	36.7	--	--
Trial Mean	58	7	24	0	52.3	71.7	95.9	29.2	--	--
C.V. %	21.9	16	10.9	0	1.8	6.4	6.5	30.3	--	--
LSD 5%	22	2	4	NS	NS	7.8	10.8	15.1	--	--
LSD 10%	18	2	4	NS	1.3	6.5	8.9	12.5	--	--

\*Lodging: 0 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planting Date: September 29, 2020

Harvest Date: July 30, 2021

Seeding Rate: 1 million live seeds / acre

Previous Crop: 2018, 2019 and 2020 = soy

Tillage System: No-till

Soil Type: Williams loam

Note: The 2021 trial sustained extreme season long drought (5" precip).