

2022 Winter Rye Variety Trial at Minot

Variety	Spring	Heading	Plant	Lodging	Test	Grain Yield				
	Stand	Date	Height		Weight	2019	2020	2022	2 yr avg	3 yr avg
	%	June	inches	0-9*	lbs/bu	bu/A				
Hazlet	99	10	52	1	56.0	75.1	105.1	88.4	96.7	89.5
ND Dylan	98	11	53	3	54.5	77.3	98.9	85.6	92.2	87.3
Rymin	99	7	51	2	54.2	75.7	78.1	70.7	74.4	74.8
Spooner	99	7	54	1	55.2	60.5	79.9	72.3	76.1	70.9
ND Gardne	99	4	54	4	54.3	65.0	79.0	67.1	73.1	70.4
Aroostok	99	4	54	3	53.6	--	--	--	--	--
Danko	96	10	45	0	56.0	--	--	--	--	--
Receptor**	98	11	43	1	55.9	--	--	--	--	--
Tayo**	99	12	42	0	54.6	--	--	--	--	--
Serfanio**	99	11	44	0	54.9	--	--	101.1	--	--
Trial Mean	98	9	49	2	54.9	71.7	95.9	84.5	--	--
C.V. %	1.3	13.2	4.2	36.0	0.6	6.4	6.5	3.1	--	--
LSD 5%	NS	2	4	1	0.6	7.8	10.8	4.5	--	--
LSD 10%	NS	2	3	1	0.5	6.5	8.9	3.7	--	--

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

**Hybrid

NS = no statistical difference between varieties.

Planting Date: September 14, 2021

Harvest Date: August 8, 2022

Seeding Rate: OP's = 1.2 million seeds / acre, hybrids = 800,000 seeds/A

Previous Crop: soy

Tillage System: No-till

Soil Type: Williams loam

Note: The 2021 trial sustained extreme drought, data not reported.