

2020 Winter Rye Variety Trial at Minot

Variety	Winter Survival %	Heading Date June	Plant Height inches	Lodging 0-9*	Test Weight lbs/bu	Grain Yield ----- bushels per acre -----				
						2018	2019	2020	2 yr avg	3 yr avg
Brasetto	99	7	38	0	52.3	59.1	101.5	130.2	115.9	96.9
Hazlet	99	6	42	4	53.4	57.1	75.1	105.1	90.1	79.1
ND Dylan	99	6	46	4	53.1	45.5	77.3	98.9	88.1	73.9
Dacold	99	8	44	3	51.4	42.6	76.9	93.3	85.1	70.9
Rymin	99	6	38	4	53.9	55.5	75.7	78.1	76.9	69.8
ND Gardner	99	2	43	4	53.2	40.0	65.0	79.0	72.0	61.3
Spooner	99	5	46	4	53.2	35.7	60.5	79.9	70.2	58.7
Aroostok	99	4	46	4	53.8	27.9	59.1	75.1	67.1	54.0
Bono	99	5	36	1	54.3		105.6	132.8	119.2	
Danko	99	4	41	1	53.3			86.4		
Trial Mean	99	5	42	3	53.2	43.2	71.7	95.9	--	--
C.V. %	0.0	18	6.7	47	1.8	7.8	6.4	6.5	--	--
LSD 5%	NS	2	5	2	1.7	5.8	7.8	10.8	--	--
LSD 10%	NS	1	4	2	1.4	4.8	6.5	8.9	--	--

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

NS = no statistical difference between varieties.

Planting Date: September 24, 2019

Harvest Date: July 30, 2020

Seeding Rate: 1 million live seeds / acre

Previous Crop: 2017 = spring wheat, 2018 and 2019 = soy

Tillage System: No-till

Soil Type: Williams loam

Note: The 2018 trial sustained severe moisture stress.