

2024 Winter Rye Variety Trial at Minot

Variety	Winter Survival	Heading Date	Plant Height	Lodging	Test Weight	2022	2023	Yield 2024	2-yr avg	3-yr avg
	%	DOY*	inches	1 to 9**	lbs/bu			bu/A		
AC Hazlet	90	154	42	1	55.5	88.4	66.2	93.2	79.7	82.6
Aroostook	93	155	45	1	55.9	62.1	51.6	88.4	70	67.4
Danko	83	154	40	1	55.8	78.1	34.5	86.5	60.5	66.4
KWS Receptor	80	155	37	1	57.1	114.0	83.9	109.4	96.7	102.4
KWS Serafino	80	155	40	1	55.9	101.1	70.7	99.6	85.2	90.5
KWS Tayo	70	156	37	1	53.7	105.9	74.1	100.8	87.5	93.6
ND Dylan	90	154	47	1	55.1	85.6	59.8	89.3	74.6	78.2
ND Gardner	87	151	44	1	53.6	67.1	48.5	68.8	58.6	61.5
Rymin	83	154	44	1	54.9	70.7	58.5	76.5	67.5	68.6
Spooner	83	154	47	1	53.7	72.3	52.1	66.3	59.2	63.6
SU Bebop	90	154	42	1	56.5	--	--	99.5	--	--
SU Cossani	83	153	40	1	56.1	--	--	107.6	--	--
SU Karlsson	93	155	39	1	57.1	--	--	108.5	--	--
SU Performer	97	154	39	1	56.0	--	--	109.8	--	--
SU Perspectiv	87	153	38	1	56.0	--	--	115.2	--	--
Trial mean	86	155	41	1	55.4	84.5	60.1	98.8	--	--
C.V.%	8.9	0.8	3.5	0.0	2.1	3.1	13.3	5.6	--	--
LSD 0.05	13	2	2	NS	1.9	4.5	14.5	9.1	--	--
LSD 0.1	11	2	2	NS	1.6	3.7	12.0	7.6	--	--

*DOY = Day of Year as Julian date

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

NS = no statistical difference between varieties.

Planting date: October 12, 2023

Harvest date: August 6, 2024

Seeding rate: 1 million live seeds/acre

Previous crop: Soybeans

Tillage system: no-till

Soil type: Williams loam