

2018 Winter Rye Variety Trial at Minot

Variety	Winter Survival	Heading Date	Plant Height	Lodging	Test Weight	Grain Yield				
	%		inches	0-9*	lbs/bu	2016	2017	2018	2 yr avg	3 yr avg
						----- bushels per acre -----				
ND Dylan	99	June 4	36	0	47.6	95.2	72.6	45.5	59.0	71.1
Rymin	99	June 4	35	0	48.9	77.5	76.9	55.6	66.2	70.0
Hancock	98	June 1	39	0	47.8	78.3	69.6	45.4	57.5	64.4
Dacold	99	June 5	37	0	46.8	80.6	58.8	42.6	50.7	60.7
Spooner	89	May 31	38	0	47.7	79.3	57.5	35.7	46.6	57.5
Aroostok	96	May 29	37	0	46.3	59.0	40.9	27.9	34.4	42.6
Hazlet	99	June 4	35	0	48.5		76.7	57.1	66.9	
Wheeler	99	June 6	41	0	47.1		41.0	23.1	32.1	
Brasetto	98	June 4	29	0	46.9			59.1		
Trial Mean	97	June 2	36	0	47.5	77.5	63.9	43.2	--	--
C.V. %	5.3	2.7	2.7	0.0	1.9	4.6	8.4	7.8	--	--
LSD 5%	NS	2 days	2	NS	NS	5.2	9.1	5.8	--	--
LSD 10%	NS	1 day	1	NS	1.2	4.3	7.5	4.8	--	--

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

Planting Date: September 22, 2017

Harvest Date: July 25, 2018

Seeding Rate: 1 million live seeds / acre

Previous Crop: 2015 = spring wheat, 2016 = canola, 2017 = spring wheat

Tillage System: No-till

Soil Type: Williams loam

Note: The 2018 trial sustained severe spring moisture stress.