

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.