

**Other crop varieties** recently released by the North Dakota Agricultural Experiment Station:

**ND Bison soybean** – (2016) Conventional, high yield, 0.7 maturity, moderate SCN resistance and resistance to phytophthora root rot (races 3, 4).

**ND Palomino slow darkening pinto bean** – (2016) Competitive agronomic performance, 102-day maturity, upright plant architecture and BCMV resistance.

**ND Genesis barley** – (2015) Two-rowed, high yield, low protein and good disease resistance.

**ND Henson soybean** – (2015) Conventional, high yield, 0.0 maturity and phytophthora root rot resistance (races 3, 4).

**For information** on the availability of Foundation seed contact:

**NDSU Research/Extension Centers**

Agronomy Seed Farm, Casselton..... 701-347-4743  
Carrington Research Extension Center.. 701-652-2951  
Hettinger Research Extension Center.... 701-567-4323  
Langdon Research Extension Center..... 701-256-2582  
North Central Research Ext. Center..... 701-857-7679  
Williston Research Extension Center..... 701-774-4315

**Or**

**NDSU Foundation Seedstocks Project**

(701) 231-8140

[www.ndfss.com](http://www.ndfss.com)

**Plant Quality Certified Seed**

Certified seed is field inspected and lab analyzed to help ensure variety identity, germination, and purity. Contact your local seed producer or dealer for quality certified seed.

Seed producers or dealers can be found in the North Dakota Field Inspected Seeds Directory. The directory is available from the North Dakota State Seed Department (NDSSD), from an NDSU Extension Service agent, or under the field seeds program of the NDSSD website. [www.ndseed.com](http://www.ndseed.com)



Varieties protected under PVPA with Title V option can only be sold as a certified class of seed. **It is the responsibility of the buyer and/or seller to confirm the PVP status of a specific crop variety prior to buying or selling the variety.** PVP status information can be obtained from the NDSSD.

**NDSU**  
**AGRICULTURE**

**ND Dylan**  
**Rye**



[www.ndcropimprovement.org](http://www.ndcropimprovement.org)

# ND Dylan Rye

**ND Dylan**, developed by the NDSU Carrington Research Extension Center agronomy program, under the direction of Steve Zwinger, was released by the North Dakota Agricultural Experiment Station in 2016. It is a high yielding winter rye variety that has very good winter hardiness. Data gathered over multiple years indicate a yield advantage over current commercial varieties.

ND Dylan is a tall variety with good straw strength. This new variety is medium-late in maturity, one day later to heading than Rymin and five days earlier than Dacold.

ND Dylan's test weight is equal to Rymin and better than Dacold. Seed weight of ND Dylan is average, slightly higher than Dacold.

From 2006-2016 ND Dylan was tested at 26 sites throughout the state. ND Dylan had an average yield of nearly 3 bushels/acre higher than Dacold, 10 bushels/acre higher than Hancock, and 15 bushels/acre higher than Spooner.

Biomass data is limited, although data gathered indicates total dry matter yields of ND Dylan to be greater than Dacold and Rymin.

Winter hardiness ratings and early season vigor scores demonstrate ND Dylan's potential for use as a grain, cover or forage crop.

ND Dylan is named to honor the memory of Dylan Zwinger, a young man who loved the land.

The renewed interest in winter rye as a grain, cover or forage crop illustrates the need for a reliable source of adapted seed. Certified rye seed has not been grown in North Dakota for a number of years. The release of ND Dylan ensures seed of a known pedigree and seed source. To help ensure genetic purity, ND Dylan will be protected by Plant Variety Protection (PVP) under Title V and must be sold as a class of certified seed.

## ND Dylan Rye General Characteristics

- High yield
- Good winter hardiness
- Medium-late maturity
- Good straw strength



### For additional information

about ND Dylan and other crop varieties, refer to the NDSU Foundation Seedstocks website at [www.ndfss.com](http://www.ndfss.com). The rye specialist may also be contacted at (701) 652-2951 or visit [www.ag.ndsu.edu/ndsuag/crops](http://www.ag.ndsu.edu/ndsuag/crops).

### Agronomic performance of winter rye varieties across ND research extension centers 2006-2016 (site years)

Variety	Seed Yield (bu/ac)	Test Weight (lbs/bu)	1000 kwt (g)	Plant Height (inches)	Plant Lodge* (score)	Jday of Heading (days)	Winter Survival (%)	Early Vigor** (score)
# of sites	26	25	13	26	17	23	13	2
ND Dylan	68.4	53.8	27.9	49.4	2.8	151.0	95.7	9.7
Dacold	65.5	52.7	27.3	48.2	3.0	155.7	94.7	6.9
Hancock	58.5	54.5	29.8	49.4	3.0	149.3	93.2	6.2
Spoooner	53.5	54.3	30.1	49.1	2.6	148.7	91.6	2.0

\* Lodging score: 0-upright, 10-flat on ground.

\*\*Early vigor score: 1-low vigor, 10-high vigor.

### Agronomic performance of ND Dylan and Rymin across ND research extension centers 2006-2016 (site years)

Variety	Seed Yield (bu/ac)	Test Weight (lbs/bu)	1000 kwt (g)	Plant Height (inches)	Plant Lodge* (score)	Jday of Heading (days)	Winter Survival (%)
# of sites	26	25	13	26	17	23	13
ND Dylan	66.8	53.9	27.5	47.0	2.4	148.4	92.2
Rymin	51.2	53.9	28.4	45.0	2.3	147.1	87.8

\* Lodging score: 0-upright, 10-flat on ground.