



# Rockford Oat

**NDSU** NORTH DAKOTA STATE UNIVERSITY



## Characteristics

Yield	high
Stem Rust	susceptible
Crown Rust	resistant
Barley Yellow Dwarf	moderately tolerant
Straw Strength	strong
Maturity	late
Height	tall
Test Weight	high

## Comments

**Rockford** oat was released in 2008 and performs relatively well under a variety of growing conditions across ND. It is a consistent high yielding variety with very good lodging resistance and high test weight. Rockford has medium kernel weight, grain protein, and groat beta-glucan concentration. This variety also has medium groat percentage with high groat oil concentration. Rockford is resistant to crown rust and moderately susceptible to stem rust race NA67. The North Dakota Crop Improvement and Seed Association has rights to production and distribution of seed. Membership to Dakota Select Seed is required to grow this variety.

## Strengths

- High yield
- Strong straw strength
- High test weight

## Agronomic Performance of Rockford Across ND, 2007-2011

	Rockford	Jury	Newburg	Souris
Yield Eastern ND (bu/acre)	158.1	166.6	170.3	158.2
Test Weight Eastern ND (lbs/bu)	39.3	38.8	37.5	37.9
Yield Western ND (bu/acre)	120.7	116.3	119.0	117.5
Test Weight Western ND (lbs/bu)	37.1	36.5	35.4	36.2