



# Jury Oat

**NDSU** NORTH DAKOTA STATE UNIVERSITY



## Characteristics

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

## Comments

**Jury** oat was released in 2012. It is a high yielding oat variety with good test weight. It outperforms Newburg in test weight, groat percentage, and dehulling efficiency. This variety produces average groat b-glucan concentration. Jury expresses moderate tolerance to Barley Yellow Dwarf Virus. It also has crown rust resistance and stem rust resistance to race NA67 (TJJ). Jury is the second oat cultivar available with resistance to prevalent races of both crown and stem rust. It is a high milling quality grain, consistently producing improved milling quality grain relative to Newburg. Lodging resistance is not equivalent to Rockford and Souris. 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
- Disease resistance
- High milling quality

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

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