

Other Oat varieties

released by the North Dakota
Agricultural Experiment Station:

Newburg – (2011). Excellent yield potential, average test weight, and good resistance to crown and stem rust.

Rockford – (2009). Exceptional yield potential. Excellent test weight. Very good lodging resistance. Good Resistance to crown rust. Good protection against stem rust.

Souris – (2006). White-hulled high yielding variety with new source of disease resistance to crown rust, and excellent test weight.

HiFi – (2001). High yielding, disease resistant with high Beta-glucan concentration.

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

P.O. Box 6050, Fargo, ND 58108-6050
(701) 231-8140
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), your local county agent, or under the field seeds program of the NDSSD website.

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 ND State Seed Department.

NDSU[®]

AGRICULTURE

Jury Oat



www.ndcropimprovement.org

Jury Oat

Jury oat was developed by the NDSU oat breeding project and released by the Agricultural Experiment Station in the spring of 2012.

Jury has high yield potential and good test weight. It outperforms Newburg in test weight, groat percentage, and dehulling efficiency. It produces average groat b-glucan concentration.

Jury expresses moderate tolerance to Barley Yellow Dwarf Virus. In addition, it 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.

To help ensure genetic purity, Jury oat will be protected under PVPA. A research fee per bushel will apply to all sales of Certified and Quality Assured Jury Oat Seed. Jury oat will be marketed through the North Dakota Crop Improvement and Seed Association.



Jury General Characteristics

- High yield potential
- High milling quality grain
- Second oat cultivar with resistance to prevalent races of both crown rust and stem rust

Yield and test weight of Jury oat in eastern North Dakota NDSU variety trials, 2007-2011.

Variety	Fargo		Carrington		Edgely		Langdon	
	Test Weight	Yield (bu/a)	Test Weight	Yield (bu/a)	Test Weight	Yield (bu/a)	Test Weight	Yield (bu/a)
Jury	41.0	203.1	38.2	179.6	38.3	144.3	40.0	188.7
Newburg	40.3	205.3	36.7	166.8	36.7	138.9	39.0	199.0
Beach	41.3	184.7	38.2	160.5	38.8	139.1	39.3	165.2
Hi-Fi	39.4	199.4	37.1	161.4	37.5	136.0	39.1	182.9
Jerry	41.6	174.6	39.4	157.1	38.7	116.4	39.8	141.0
Rockford	41.0	203.7	38.3	153.1	39.4	136.9	40.6	184.7
Souris	39.4	200.5	36.7	155.4	37.4	132.9	38.7	180.0

Yield and test weight of Jury oat in western North Dakota NDSU variety trials, 2007-2011.

Variety	Dickinson		Hettinger		Minot		Williston	
	Test Weight	Yield (bu/a)	Test Weight	Yield (bu/a)	Test Weight	Yield (bu/a)	Test Weight	Yield (bu/a)
Newburg	36.3	135.7	34.8	115.7	36.0	163.1	35.4	98.2
Beach	39.0	131.3	37.5	112.7	38.7	144.4	38.5	90.2
Hi-Fi	35.8	137.0	34.9	111.6	36.5	151.0	35.2	93.4
Jerry	37.8	123.3	37.1	95.1	37.7	126.5	37.5	84.1
Maida	36.8	120.8	35.4	101.8	36.2	129.3	36.1	89.6
Morton	36.9	125.8	36.3	109.7	36.6	140.0	34.9	86.5
Rockford	37.4	123.7	35.4	98.4	38.2	139.3	37.0	88.0
Souris	37.0	142.3	34.7	120.3	36.3	159.8	37.0	90.9