

## Other HRSW varieties

recently released by the North Dakota Agricultural Experiment Station:

**Barlow** – (2009). High yield potential. Very good protein with overall milling and baking quality. Very high water absorption and test weight.

**Faller** – (2007). Very high yields. Good milling and baking characteristics. Moderately resistant to scab. Good protection against stem and leaf. Best adapted to eastern and central North Dakota.

**Howard** – (2006). Very high yield potential. Good leaf disease protection. FHB (scab) tolerance similar to Steele-ND. Best adapted to central and western regions of North Dakota.

**Glenn** – (2005). Scab resistance, yield, and straw strength superior to 'Alsen'. High protein and very good milling and baking characteristics. Extremely high test weight.

**Steele-ND** – (2004). Great yield potential and excellent milling/baking quality. Outstanding protection against fungal leaf diseases with some protection against FHB (scab).

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

### NDSU Research/Extension Centers

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

Or

### NDSU Foundation Seedstocks Project

P.O. Box 6050, Fargo, ND 58108-6050  
(701) 231-8140  
[www.ag.ndsu.nodak.edu/aginfo/seedstock/fss/](http://www.ag.ndsu.nodak.edu/aginfo/seedstock/fss/)

## Plant Quality Certified Seed

Certified seed is a guarantee for 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), North Dakota Crop Improvement & Seed Association, your local county agent, or under the field seeds program of the NDSSD website.

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



All varieties listed in the brochure are protected under PVPA Title V and must be sold as a class of certified seed.

Every seed lot sold must be accompanied by a seed analysis tag or certificate.

# NDSU<sup>®</sup>

## AGRICULTURE

# Mott

## Hard Red Spring Wheat



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

# Mott

## Hard Red Spring Wheat

**Mott** was developed by the Spring Wheat Breeding Program at North Dakota State University and released by the North Dakota Agricultural Experiment Station in the spring of 2009.

Mott is a hard red spring wheat developed primarily for its resistance to the wheat stem sawfly and adaptation to the western region of North Dakota where sawfly can limit production. It is a medium-tall, awned wheat that matures approximately 2 days later than Reeder and Choteau.

Mott is susceptible to FHB, susceptible to moderately susceptible to prevalent races of leaf rust. It is resistant to moderately resistant to prevalent races of stem rust. It is susceptible to tan spot and resistant to Stagonospora leaf blotch. It has resistance to the wheat stem sawfly, exhibiting a low level of sawfly infestation compared with other susceptible varieties.

Mott has demonstrated above average milling and baking characteristics. It has better than average grain protein content, higher loaf volume, and stronger mix characteristics compared with other sawfly resistant hard red spring wheat varieties.

## Mott General Characteristics

- Adapted to the western region where saw fly is prevalent
- Resistance to the wheat stem sawfly
- Resistant to Stagonospora leaf blotch
- Susceptible to many leaf diseases and scab
- Good milling and baking characteristics, with good protein content, higher loaf volume, and strong mix characteristics

### Comparison of mean grain yields (bu/ac) of selected varieties and Mott, statewide variety trial, 2007-2008.

	Carrington	Minot	Dickinson	Hettinger	Williston	Mean
Mott <sup>1</sup>	52.6	43.4	42.0	34.5	39.6	48.2
Chouteau <sup>1</sup>	53.8	55.5	41.4	40.5	40.3	51.2
Faller	64.5	53.6	41.3	39.7	39.1	54.4
Glenn	59.0	47.9	41.9	40.6	43.0	52.4
Parshall	55.2	40.1	41.4	39.6	38.2	48.7
Reeder	55.4	47.4	36.1	38.4	43.7	48.7
Steele-ND	59.4	51.8	40.6	44.7	42.3	52.2

<sup>1</sup>Solid-stemmed variety

### Comparison of mean of test weight and protein content of selected varieties and Mott, statewide variety trial, 2007-2008.

	Test Weight (lbs/bu)	Protein (%)
Mott <sup>1</sup>	59.1	15.2
Chouteau <sup>1</sup>	58.8	14.1
Faller	57.3	14.1
Glenn	61.3	16.7
Parshall	59.6	14.9
Reeder	58.3	15.1
Steele-ND	59.0	15.0

<sup>1</sup>Solid-stemmed variety

**For more information** about Mott or other hard red spring wheat varieties refer to the most recent Spring Wheat Variety Selection Guide ([www.ag.ndsu.edu/crops/guides.html](http://www.ag.ndsu.edu/crops/guides.html)) or contact the HRSW breeder at (701) 231-8478 or extension agronomist at (701) 231-7971.