



# Glenn

## Hard Red Spring Wheat

**NDSU** NORTH DAKOTA STATE UNIVERSITY



### Characteristics

Yield	average
Protein	high
Stem Rust	resistant
Leaf Rust	MR/MS <sup>1,2</sup>
Head Scab	MR <sup>1</sup>
Straw Strength	medium-strong
Maturity	medium-early
Height	conventional
Test Weight	very high

<sup>1</sup> MR = moderately resistant; MS = moderately susceptible.

<sup>2</sup> Was resistant to moderately resistant to races prevalent prior to 2011 and shows some level of susceptibility to a new race of the pathogen that was detected at low frequency in 2012.

### Comments

**Glenn** hard red spring wheat was released in 2005 and has become well known for its exceptional quality. From 2007-2011 Glenn was the most popular variety planted in ND. It is the current Wheat Quality Council check variety with which new experimental lines and newly released varieties are compared. This variety also has a good disease resistance package along with good straw strength. Glenn is an excellent choice of a variety to be used to produce protein to balance other varieties that may have higher yield potential and lower protein.

### Strengths

- High protein
- Very high test weight
- Superior baking qualities

### Agronomic Performance of Glenn Across ND, 2008-2013

	Glenn	Elgin-ND	Prosper	Velva	Barlow	Faller
Yield Eastern ND (bu/acre)	64.7	71.4	75.1	65.1	67.9	76.7
Yield Western ND (bu/acre)	52.7	59.1	55.7	57.4	55.5	54.4
Protein (%)	15.2	15.0	14.3	14.7	15.0	14.3
Test Weight (lbs/bu)	62.2	59.8	59.3	58.5	60.7	59.1
Days to Heading	57.7	58.5	61.4	61.8	58.0	61.1
Height (inches)	33.9	34.2	32.1	31.6	33.1	32.0