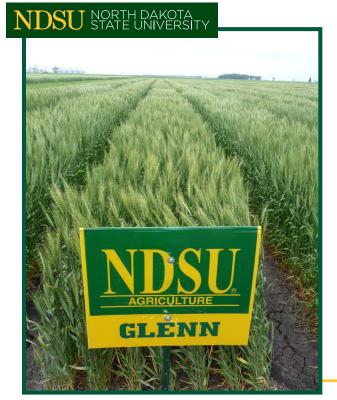


Glenn

Hard Red Spring Wheat



Characteristics

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

¹ MR = moderately resistant; MS = moderately susceptible.

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 proteinVery 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 |

Data and information extracted from variety release documents, unpublished experimental data, and NDSU Extension Publication A574-13.

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² 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.