



# Velva

## Hard Red Spring Wheat

**NDSU** NORTH DAKOTA STATE UNIVERSITY



### Characteristics

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

<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

**Velva** hard red spring wheat was released in 2011 in an effort to replace Reeder. It is best adapted to the western portion of ND. Velva is high yielding and has average protein and test weight. This variety has medium-strong straw strength and medium maturity. Velva is resistant to stem rust, moderately resistant/moderately susceptible to leaf rust, and moderately susceptible to scab.

### Strengths

- High yield
- Stem rust resistance

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

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