



Elgin-ND

Hard Red Spring Wheat

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Yield	high
Protein	high
Stem Rust	resistant
Leaf Rust	intermediate ¹
Head Scab	intermediate
Straw Strength	medium
Maturity	medium-late
Height	conventional
Test Weight	average

¹ 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

Elgin-ND hard red spring wheat was released in 2012 and performs well in both eastern and western ND. It has relatively high protein, especially for a variety with such high yield potential. Milling and baking qualities of Elgin-ND are very good. Elgin-ND also has a good disease resistance package including resistance to prevalent leaf and stem rusts, including some level of protection to the new leaf rust race Lr21.

Strengths

- High protein
- High yield
- Disease resistance

Agronomic Performance of Elgin-ND Across ND, 2008-2013

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