



Stellar-ND

Barley

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Yield	high
Straw Strength	very strong
Maturity	medium
Height	medium-short

Strengths

- Very strong straw strength
- Wide adaptation

Comments

Stellar-ND barley was released in 2005 and is widely adapted to the Upper Midwest and Northern Great Plains. Stellar-ND is a six-rowed barley. It has smooth awns, long rachilla hairs, and its intended uses are for malting and feed. Stellar-ND has superior straw strength and high yield potential. This variety is moderately susceptible to Spot-form Net Blotch, moderately resistant/resistant to Spot Blotch, and moderately susceptible/susceptible to Net Blotch.

Agronomic Performance of Stellar-ND Across ND, 2011-2013

		six-row				two-row	
		Stellar-ND	Tradition	Celebration	Innovation	Pinnacle	Conlon
Eastern ND	Yield (bu/acre)	89.8	91.6	91.6	93.3	92.5	^
	Test Weight (lbs/bu)	45.7	46.3	45.0	45.9	46.6	^
	Plump (%)	86.6	83.3	81.7	84.2	88.0	^
	Protein (%)	12.8	13.1	14.2	13.3	11.9	^
Western ND	Yield (bu/acre)	77.9	80.5	80.5	84.7	76.2	72.6
	Test Weight (lbs/bu)	43.2	44.6	42.8	43.6	45.1	46.6
	Plump (%)	78.1	78.1	74.0	76.9	83.9	89.9
	Protein (%)	13.5	13.3	14.6	13.8	12.4	13.5

^ Insufficient data.