

NORTH DAKOTA STATE UNIVERSITY  
Williston Research Extension Center

**Barley Divide Variety Trial - NDSU**

Variety	Protein <sup>†</sup> (%)	Test weight <sup>‡</sup> (lb/bu)	Plump % >6/64	Yield <sup>#</sup>	
				2017 (bu/a)	2-Yr Avg (bu/a)
<b>Two Row</b>					
ND Genesis	12.5	49.7	79.1	38.8	85.6
Pinnacle	11.5	50.3	81.7	45.7	83.9
Hockett	15.2	51.7	83.9	28.7	74.0
Conlon	13.2	50.4	89.1	31.5	70.6
AAC Synergy	13.5	48.7	82.5	35.1	-
ABI Growler	14.5	47.6	78.1	35.2	-
<b>Six Row</b>					
Lacey	11.6	49.1	55.7	41.6	81.3
Innovation	12.6	48.1	53.5	37.9	80.5
Celebration	13.6	46.8	48.8	40.7	71.7
Tradition	12.9	47.5	41.5	38.5	70.9
Mean	13.1	49.0	69.4	116.7	-
CV (%)	6.3	1.5	5.7	6.2	-
LSD (5%)	1.4	1.3	8.7	12.7	-
LSD (10%)	1.1	1.1	7.2	10.5	-

Location: Crosby, ND; Latitude 48° 48' N; Longitude 103° 18' W; Elevation 2044 ft

Planted: 5/5/2017

Harvested: 8/17/2017

Previous crop: Durum

Soil type: Farnuf-Alkabo

Soil test (0-6"): N/A

(0-24"): NO<sub>3</sub>-N=24 lb/a

Applied fertilizer in lb/a: 47.76 N : 18 P : 0 K : 4.5 S Broadcasted

<sup>†</sup>Protein adjusted to 0% moisture

<sup>‡</sup>Test weight reported on a 13.5% moisture basis

<sup>#</sup>Yield reported on a 13.5% moisture basis