

Barley Divide Variety Trial - NDSU

Divide County, ND 2016

Variety	Lodging (0-9 Scale)	Protein [†] (%)	Test weight (lb/bu)	Plump % >6/64	Yield		
					2016 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg* (bu/a)
Two Row							
ND Genesis	0	11.0	53.5	92.5	132.4	-	-
Pinnacle	5	11.0	54.1	89.4	122.1	113.0	104.7
Hockett	7	13.2	53.4	77.0	119.2	114.9	-
Conlon	7	12.2	53.7	91.2	109.6	96.6	85.9
Six Row							
Innovation	1	13.2	51.2	90.8	123.1	108.0	97.9
Lacey	3	13.5	53.5	90.3	121.1	110.9	103.4
Tradition	3	13.8	53.1	87.6	103.3	99.8	95.3
Celebration	5	13.7	52.9	87.5	102.7	102.1	102.1
Mean		12.7	53.2	88.3	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: Latitude 48° 48'N; Longitude 103° 18'W; Elevation 2044 ft

Previous crop: Soybean

Planted: 4-28-2016

Harvested: 08-29-2016

Soil test (0-6"): P=19.5 ppm; K=380 ppm; pH=7.1; OM=4.2%

Soil type: Farnuf-Alkabo

(0-24"): NO₃-N=25.5 lb/aApplied fertilizers in lb/a: N=27; P₂O₅=18; K₂O=0; S=5

Chemical Applications: Sharpen @ 2 oz/acre and Supremacy/Axial @ 5 oz/ac and 16 oz/ac

[†]Protein adjusted to 0% moisture

*Average of years 2013, 2014, and 2016