

NORTH DAKOTA STATE UNIVERSITY  
Williston Research Extension Center

**Barley Dryland Variety Trial - NDSU**

**WREC, Williston, ND 2020**

Variety	Days to heading (DAP)	Plant height (in)	Stand (%)	Plumps (%)	Thins (%)	Protein (%)	Test weight (lb/bu)	Yield		
								2020 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg (bu/a)
<b>Two-Row</b>										
AAC Synergy	69	18	95	95.5	1.0	13.6	51.4	36.4	70.8	69.5
Pinnacle	62	18	96	95.4	1.3	11.5	52.3	40.2	74.8	69.1
ND Genesis	63	20	93	96.0	0.5	11.4	51.3	40.8	75.2	68.3
AAC Connect	66	17	95	95.0	0.8	13.9	51.4	38.1	66.6	66.6
Explorer	72	15	95	95.0	1.1	13.8	51.7	37.7	71.7	65.2
Hockett	71	18	97	95.8	1.2	14.2	52.7	38.6	68.8	62.2
CDC Bow	68	18	97	95.3	0.9	13.4	51.6	36.2	67.0	-
Conlon	58	19	96	96.7	1.1	13.0	51.1	35.5	35.5	-
<b>Six-Row</b>										
Tradition	60	18	94	85.3	1.2	14.6	50.2	27.9	27.9	27.9
Mean	65	17	96	94.6	1.0	12.7	51.0	37.7	-	-
CV (%)	2.9	9.0	3.4	1.0	25.9	3.1	0.6	10.9	-	-
LSD (5%)	3.1	2.6	5.3	1.5	0.4	0.6	0.5	6.8	-	-
LSD (10%)	2.6	2.1	4.4	1.3	0.4	0.5	0.4	5.7	-	-

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft

Previous crop: Soybeans

Planted: 04/23/2020

Harvested: 07/29/2020

Soil test (0-6"): P=20 ppm; K=285 ppm; pH=6.4; OM=2.0%

Soil type: Williams-Bowbells loam

(0-24"): NO<sub>3</sub>-N=17 lb/a

Applied fertilizers in lb/a: N=36; P<sub>2</sub>O<sub>5</sub>=26; K<sub>2</sub>O=0

Herbicide Application: Supremacy at 6 oz/a; Axial XL at 12.4 oz/a (6/09/20)