

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)	Plumps (%)	Thins (%)	Protein (%)	Test weight (lb/bu)	Yield		
							2020 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg (bu/a)
Two-Row									
AAC Synergy	69	18	95.5	1.0	13.6	51.4	36.4	70.8	69.5
Pinnacle	62	18	95.4	1.3	11.5	52.3	40.2	74.8	69.1
ND Genesis	63	20	96.0	0.5	11.4	51.3	40.8	75.2	68.3
AAC Connect	66	17	95.0	0.8	13.9	51.4	38.1	66.6	66.6
Explorer	72	15	95.0	1.1	13.8	51.7	37.7	71.7	65.2
Hockett	71	18	95.8	1.2	14.2	52.7	38.6	68.8	62.2
CDC Bow	68	18	95.3	0.9	13.4	51.6	36.2	67.0	-
Conlon	58	19	96.7	1.1	13.0	51.1	35.5	64.0	-
Six-Row									
Tradition	60	18	85.3	1.2	14.6	50.2	27.9	50.7	51.7
Mean	65	17	94.6	1.0	12.7	51.0	37.7	-	-
CV (%)	2.9	9.0	1.0	25.9	3.1	0.6	10.9	-	-
LSD (5%)	3.1	2.6	1.5	0.4	0.6	0.5	6.8	-	-
LSD (10%)	2.6	2.1	1.3	0.4	0.5	0.4	5.7	-	-

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

Planted: 04/23/2020

Previous crop: Soybeans

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

Harvested: 07/29/2020

(0-24"): NO₃-N=17 lb/a

Soil type: Williams-Bowbells loam

Applied fertilizers in lb/a: N=36; P₂O₅=26; K₂O=0

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