

2020 Barley Variety Trial

North Central Research Extension Center, Minot

Variety	Days to Head DAP ¹	Plant Height inches	Lodging 0-9 ²	% Plump >6/64	% Thin <5/64	Test Weight lbs/bu	Protein %	Grain Yield				
								2018	2019	2020	Year 2	Year 3
2 Row Types												
ND Genesis	56	30	0	95	1	45.2	10.8	98.0	109.6	119.3	114.5	109.0
AAC Synergy	59	30	2	93	1	46.7	12.5	103.8	106.6	113.3	110.0	107.9
Pinnacle	56	28	2	95	1	45.1	11.5	102.1	110.8	107.5	109.2	106.8
Explorer	58	25	1	90	1	45.5	13.3	103.1	110.1	107.2	108.7	106.8
Conlon	54	27	1	94	1	48.5	13.2	82.2	105.5	83.7	94.6	90.5
AAC Connect	58	28	0	91	1	45.9	13.2		114.7	109.2	111.9	
CDC Bow	59	28	0	94	1	45.4	12.8			110.7		
6 Row Types												
Tradition	54	28	0	95	1	46.5	13.9	106.2	98.6	100.4	99.5	101.7
Trial Mean	56	27	1	94	1	45.9	12.1	98.1	105.6	108.9	--	--
C.V.%	1.5	6.6	146	1.7	52	1.5	4.3	5.5	5.5	6.1	--	--
LSD 5%	1	3	NS	3	NS	1.1	0.9	8.9	9.8	11.0	--	--
LSD 10%	1	2	NS	2	NS	0.9	0.7	7.4	8.1	9.2	--	--

¹ DAP = Days after planting.

² Lodging: 0 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planted on May 4 with a seeding rate of 800,000 PLS/A and harvested on August 17.

Previous Crop: 2017, 2018 & 2019 = soybean.

Tillage: No-till

Soil Type: Williams Loam

