NDSU North Central Research Extension Center
2019 Barley Variety Trial

Variety	Days to Head	Plant Height	Lodging	% Plump	% Thin	Test Weight	Protein	Grain Yield 2017	2018	2019	2 Year	3 Year
	DAP[1]	inches	0-9[2]	>6/64	<5/64	lbs/bu	%	bu/A				
2 Row Types												
Explorer	69	25	0	97	0	48.3	10.8	72.6	103.1	110.1	106.6	95.3
Pinnacle	66	32	0	98	0	47.5	9.3	72.4	102.1	110.8	106.5	95.1
ND Genesis	68	29	0	97	0	46.8	10.3	77.6	98.0	109.6	103.8	95.1
ABI Balster	69	29	0	98	0	49.1	10.2	79.6	93.8	108.3	101.1	93.9
AAC Synergy	70	33	0	98	0	47.7	10.1	69.2	103.8	106.6	105.2	93.2
Conlon	65	29	0	98	0	49.5	11.6	72.0	82.2	105.5	93.9	86.6
AAC Connect	69	32	0	97	0	48.5	10.9			114.7		
6 Row Types												
Tradition	64	31	0	98	0	49.5	12.2	68.6	106.2	98.6	102.4	91.1
Lacey	64	32	0	98	0	48.7	11.6	64.0	98.2	96.8	97.5	86.3
Trial Mean	66	30	0	98	0	48.0	10.5	70.8	98.1	105.6		
C.V.%	1.1	2.7	0	0.5	80	1.6	6.1	7.6	5.5	5.5	--	--
LSD 5%	2	2	NS	1	NS	1.3	1.1	8.8	8.9	9.8	--	--
LSD 10%	2	2	NS	1	NS	1.1	0.9	7.4	7.4	8.1	--	--

[1] DAP = Days after planting. *[2] Lodging: 0 = none, 9 = lying flat on the ground.*
NS = no statistical difference between varieties.

Planted on April 24 with a seeding rate of 1 million PLS/A and harvested on August 8.
Previous Crop: 2016 = canola, 2017 & 2018 = soybean.
Tillage: No-till
Soil Type: Williams Loam