

## 2022 Barley Variety Trial at Minot

Variety	Days	Plant	Lodging	Test	Protein	Plump	-----Grain Yield-----					
	to	Height					0-9 <sup>2</sup>	Weight	%	%>6/64	2019	2020
	Head	inches		lbs/bu	%	%>6/64	-----bu/A-----					
	DAP <sup>1</sup>											
ND Genesis	54	25	0	44.9	10.8	90	109.6	119.3	86.4	102.9	105.1	
AAC Connect	62	23	0	45.8	11.8	92	114.7	109.2	90.0	99.6	104.6	
Explorer	60	21	0	47.5	11.8	95	110.1	107.2	93.0	100.1	103.4	
ABI Cardinal	60	23	0	47.7	11.9	95	107.5	105.4	95.6	100.5	102.8	
AAC Synergy	61	26	0	44.5	12.9	94	106.6	113.3	85.1	99.2	101.7	
Pinnacle	49	23	0	45.2	10.7	91	110.8	107.5	78.8	93.1	99.0	
Tradition	48	24	0	45.1	12.3	85	98.6	100.4	84.0	92.2	94.3	
Conlon	49	25	0	47.5	12.7	96	105.5	83.7	90.1	86.9	93.1	
Brewski	59	23	0	45.6	11.6	92	--	123.7	82.5	103.1	--	
BC Leandra	63	20	0	46.9	10.8	96	--	--	101.0	--	--	
BC Lexy	59	24	0	45.7	10.2	97	--	--	100.6	--	--	
BC Ellinor	58	25	0	45.4	10.7	95	--	--	94.5	--	--	
CDC Austenson	60	25	0	47.1	12.3	85	--	--	94.4	--	--	
CDC Churchill	63	23	0	45.4	12.2	89	--	--	89.6	--	--	
CDC Fraser	57	23	0	46.0	12.9	97	--	--	86.4	--	--	
AB Advantage	51	26	0	42.9	13.8	92	--	--	62.2	--	--	
Trial Mean	54	24	0	45.7	11.7	92	105.6	108.9	91.1	--	--	
C.V.%	3.8	7.9	0.0	1.6	3.4	2.0	5.5	6.1	4.9	--	--	
LSD 5%	3	3	NS	1.2	0.6	3	9.8	11.0	7.4	--	--	
LSD 10%	3	3	NS	1.0	0.5	3	8.1	9.2	6.1	--	--	

<sup>1</sup>DAP = Days after planting.

NS = no statistical difference between varieties.

Planted on May 26 with a seeding rate of 800,000 PLS/A and harvested on August 22.

Previous Crop: 2018, 2019 and 2021 = soybean.

Tillage: No-till

Soil Type: Williams Loam

Note: The 2021 trial sustained extreme drought. Data not shown.