

NDSU Hettinger Research Extension Center

Barley - 2021 **Hettinger, ND**

Variety	Days to	Plant	Plant		Test	Grain	----- Grain Yield -----			Average Yield	
	Head	Height	Lodge	Plump	Weight	Protein	2019	2020	2021	2 yr	3 yr
	DAP ¹	inches	0-9 ²	%	lbs/bu	%	----- Bushels per acre -----				
TWO ROW											
AAC Connect	62	20	0	80	45.2	17.4	109.8	43.0	46.4	44.7	66.4
AAC Synergy	63	20	0	80	44.0	17.1	117.4	41.3	47.5	44.4	68.7
ABI Cardinal	62	19	0	84	45.1	17.0	105.9	44.4	50.3	47.3	66.9
Brewski	61	22	0	80	44.5	15.7	--	44.9	60.1	52.5	--
CDC Austenson	64	17	0	76	46.5	16.7	--	--	44.7	--	--
CDC Bow	65	20	0	83	43.8	17.3	--	48.7	46.4	47.6	--
CDC Churchill	63	20	0	61	44.2	17.8	--	--	55.7	--	--
CDC Fraser	63	18	0	85	43.5	17.4	--	--	45.9	--	--
Conlon	57	23	0	93	44.1	16.3	89.0	26.5	43.9	35.2	53.1
Esma	62	20	0	68	44.7	17.7	--	--	57.3	--	--
Explorer	62	20	0	79	44.9	17.0	90.1	43.1	54.3	48.7	62.5
ND Genesis	61	23	0	85	45.0	14.3	124.7	47.6	57.5	52.5	76.6
Pinnacle	62	20	0	86	46.0	15.2	80.9	39.2	54.8	47.0	58.3
SIX ROW											
Tradition	62	21	0	56	43.8	16.7	113.2	34.4	50.4	42.4	66.0
Trial Mean	62	20	0	78	44.5	15.9	107.6	42.1	53.1	46.6	63.3
C.V. %	0.7	5.5	--	7.4	2.1	4.9	4.4	11.5	9.4	--	--
LSD 5%	0.6	1.3	--	8.2	1.3	0.9	6.7	6.8	5.9	--	--
LSD 10%	0.5	1.0	--	6.9	1.1	0.6	5.6	5.7	4.6	--	--

¹ Days to Head = the number of days from planting to head emergence from the boot.

² 0 = no lodging, 9 = 100% lodged.

Planting Date: April 22

Harvest Date: July 31

Previous Crop: Soybean