

**NDSU Hettinger Research Extension Center**

**Barley - 2018** **Hettinger, ND**

Variety	Days to Head	Plant Height	Plant Lodge	Plump	Test Weight	Grain Protein	----- Grain Yield -----			----- Average Yield -----	
	DAP <sup>1</sup>	inches	0-9 <sup>2</sup>	%	lbs/bu	%	2016	2017	2018	2 yr	3 yr
----- Bushels per acre -----											
<b>TWO ROW</b>											
AAC Synergy	54	25	0	92	47.1	14.0	75.7	41.8	88.6	65.2	68.7
ABI Balster	54	23	0	88	46.9	14.2	73.2	53.0	85.1	69.1	70.4
ABI Growler	52	22	0	88	45.8	14.6	68.0	34.7	85.4	60.1	62.7
Conlon	48	23	0	93	46.8	13.9	60.4	24.2	75.5	49.9	53.4
Explorer	53	20	0	89	46.6	13.7	--	57.8	95.5	76.7	--
LCS Genie	56	23	0	87	47.3	13.2	67.0	53.7	89.0	71.4	69.9
ND Genesis	52	24	0	92	46.2	12.5	69.0	40.0	90.3	65.2	66.4
Pinnacle	51	24	0	93	47.7	12.0	64.6	49.4	90.4	69.9	68.1
Sirish	54	20	0	91	47.8	13.2	71.4	48.6	88.6	68.6	69.5
<b>SIX ROW</b>											
Celebration	52	24	0	87	43.8	16.4	61.4	47.9	77.0	62.5	62.1
Innovation	50	22	0	89	44.8	15.5	62.1	40.4	76.4	58.4	59.6
Lacey	49	22	0	87	44.3	15.0	59.5	49.9	70.3	60.1	59.9
Quest	51	25	0	86	43.5	15.2	64.4	52.1	70.4	61.3	62.3
Stellar-ND	50	22	0	90	43.3	15.1	62.5	47.5	66.7	57.1	58.9
Tradition	52	22	0	88	44.8	14.8	63.3	46.3	76.4	61.4	62.0
Trial Mean	51	23	0	89	45.6	14.0	67.7	45.4	82.9	64.8	64.9
C.V. %	1.7	7.3	--	1.8	1.1	3.6	7.5	15.0	5.7	--	--
LSD 5%	1.2	2.4	NS	2.3	0.7	0.7	7.2	9.6	6.7	--	--
LSD 10%	1.0	2.0	NS	1.9	0.6	0.6	6.0	8.0	5.6	--	--

<sup>1</sup> Days to Head = the number of days from planting to head emergence from the boot.

<sup>2</sup> 0 = no lodging, 9 = 100% lodged.

Planting Date: May 2

Harvest Date: August 24

Previous Crop: Soybean