

NDSU Hettinger Research Extension Center

Barley - 2016

Hettinger, ND

Variety	Days to	Plant	Plant		Test	Grain	----- Grain Yield -----			----- Average Yield -----	
	Head	Height	Lodge	Plump	Weight	Protein	2014	2015	2016	2 yr	3 yr
	DAP ¹	inches	0-9 ²	%	lbs/bu	%	----- Bushels per acre -----				
TWO ROW											
ND Genesis	81	26	0	97	45.8	11.9	114.4	103.2	69.0	86.1	95.5
Pinnacle	79	24	0	96	47.8	11.4	115.1	103.5	64.6	84.1	94.4
Rawson	77	24	0	96	45.8	12.6	102.1	93.2	66.1	79.7	87.1
Conlon	74	24	0	98	46.5	13.0	118.2	82.6	60.4	71.5	87.1
CDC Meredith	81	22	0	85	41.9	11.9	--	110.0	68.2	89.1	--
AAC Synergy	80	25	0	94	44.7	12.1	--	--	75.7	--	--
ABI Balster	81	22	0	89	43.9	11.8	--	--	73.2	--	--
SY Sirish	80	21	0	92	45.8	11.3	--	--	71.4	--	--
LCS Odyssey	80	21	0	93	43.2	10.9	--	--	70.7	--	--
ABI Growler	81	22	0	88	43.4	12.6	--	--	68.0	--	--
LCS Genie	81	21	0	93	45.9	12.6	--	--	67.0	--	--
SIX ROW											
Innovation	75	24	0	90	44.4	12.6	122.3	87.2	62.1	74.7	90.5
Stellar-ND	74	24	0	89	44.0	13.1	122.2	86.6	62.5	74.6	90.4
Tradition	74	27	0	93	46.5	12.6	120.2	83.9	63.3	73.6	89.1
Lacey	76	23	0	90	45.4	13.0	114.2	84.3	59.5	71.9	86.0
Celebration	76	24	0	89	43.3	13.4	115.3	76.4	61.4	68.9	84.4
Quest	77	24	0	86	43.7	13.5	110.4	66.2	64.4	65.3	80.3
Trial Mean	78	23	0	92	45.0	12.4	115.5	90.7	67.7	76.3	88.5
C.V. %	1.1	4.8	--	2.6	1.5	4.3	3.0	5.4	7.5	--	--
LSD 5%	1.2	1.6	NS	3.4	1.0	0.7	4.9	6.9	7.2	--	--
LSD 10%	1.0	1.3	NS	2.9	0.8	0.6	4.1	5.8	6.0	--	--

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 4

Harvest Date: July 28

Previous Crop: Soybean Green Fallow