

NDSU Langdon Research Extension Center
2018 Variety Trial Data

Barley - 2018	Langdon
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Variety	Days to Head	Plant Height in	Test Weight lbs/bu	Plump %	Protein %	Grain Yield				
						2016	2017	2018	2-yr Avg.	3-yr Avg.
						-----bu/a-----				
Six Row										
Lacey	50	28	50.4	98	14.3	115.9	134.5	132.8	133.7	127.7
Tradition	50	27	49.8	96	14.3	108.1	122.4	131.3	126.9	120.6
Stellar-ND	50	25	48.8	98	13.2	104.0	131.3	134.6	133.0	123.3
Celebration	50	28	49.5	98	15.2	110.5	127.7	127.9	127.8	122.0
Quest	50	27	49.6	94	14.1	107.2	114.7	126.0	120.4	116.0
Innovation	51	25	49.9	98	14.7	112.9	121.0	117.7	119.4	117.2
Two Row										
Conlon*	47	27	51.7	98	13.8	76.4	77.3	111.4	94.4	88.4
Pinnacle	51	27	52.0	99	12.8	105.8	132.5	130.3	131.4	122.9
ND Genesis	51	29	50.4	97	11.9	104.6	129.4	139.2	134.3	124.4
AAC Synergy	52	29	51.2	97	13.1	112.5	131.1	146.7	138.9	130.1
Sirish	53	26	48.9	97	13.4	87.5	126.4	125.9	126.2	113.3
ABI Balster	51	28	50.5	93	13.4	91.8	117.4	142.3	129.9	117.2
ABI Growler	54	26	50.6	97	13.4	94.4	118.0	133.4	125.7	115.3
LCS Genie	54	25	51.0	95	12.9	77.2	116.2	128.1	122.2	107.2
Explorer	50	24	51.0	96	13.4	--	130.6	125.0	127.8	--
Trial Mean	51	26	50.1	96	13.4	100.3	124.3	130.0	--	--
C.V. %	2.1	6.3	2.3	1.5	3.4	6.4	6.3	6.0	--	--
LSD 5%	1.5	2.3	1.6	2.0	0.6	9.1	11.1	11.0	--	--
LSD 10%	1.3	2.0	1.4	1.7	0.5	7.6	9.3	9.2	--	--

Planting Date: May 9

Harvest Date: August 14

*Conlon suffered damage from rodents in 2016 and 2017.

No lodging in trial.