

**NDSU Langdon Research Extension Center  
2017 Variety Trial Data**

<b>Barley - 2017</b>	<b>Pembina County - Cavalier</b>
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Variety	Plant Height	Lodging	Plump	Test Weight	Protein	Grain Yield			Average Yield	
						2015	2016	2017	2	3
	in	0-9	%	lbs/bu	%	-----bu/a-----			year	year
Lacey	39	3.5	91	48.7	13.2	94.9	100.6	124.5	112.6	106.7
Tradition	37	4.0	88	46.9	13.1	91.5	93.1	109.7	101.4	98.1
Innovation	37	2.5	91	47.6	13.3	94.1	102.5	129.0	115.8	108.5
ND Genesis	36	4.8	92	47.0	11.5	86.2	72.6	103.8	88.2	87.5
Pinnacle	38	4.8	94	48.0	12.7	99.5	100.1	116.3	108.2	105.3
ACC Synergy	35	5.8	87	47.3	13.3			105.3	--	--
Trial Mean	37.0	4.2	90.5	47.6	12.8	93.2	92.8	114.8	--	--
C.V. %	4.4	37.9	3.7	2.0	4.3	4.8	7.7	11.5	--	--
LSD 5%	2.5	NS	NS	NS	0.8	6.8	10.8	NS	--	--
LSD 10%	2.0	NS	4.1	NS	0.7	5.6	8.9	16.3	--	--

Planting Date: May 19

Harvest Date: August 23

Barley trials are conducted in Pembina County in odd number years and Walsh County in even numbered years. 2015 data is from Pembina County.