

**NDSU Langdon Research Extension Center  
2013 Variety Trial**

<b>Barley - 2013</b>	<b>Pembina County - Cavalier</b>
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Variety	Days to Head	Plant Height	Plump %	Test Weight lbs/bu	Protein %	Average Yield				
						2011	2012	2013	2 year	3 year
		in	%			-----bu/a-----				
Celebration	65	28	99	49.0	13.6	95.1	88.1	104.5	96.3	95.9
Innovation	64	27	98	48.6	12.4	--	113.3	100.9	107.1	--
Lacey	64	27	99	49.9	12.6	95.1	115.9	105.8	110.9	105.6
Quest	65	29	96	48.3	12.3	105.4	111.3	100.4	105.9	105.7
Stellar-ND	64	29	99	49.2	12.1	100.0	108.1	104.1	106.1	104.1
Tradition	64	29	99	50.4	12.4	96.8	93.8	112.9	103.4	101.2
Trial Mean	64	27	98	49.1	12.5	100.5	105.9	104.3	--	--
C.V. %	0.9	3.1	0.4	0.9	3.3	4.7	3.9	6.3	--	--
LSD 10%	0.7	1.0	0.4	0.5	0.5		5.0	NS	--	--
LSD 5%	NS	1.3	0.5	0.6	0.6	7.0	6.1	NS	--	--

Planting Date: May 9

Harvest Date: August 14

Barley trials are conducted in Pembina County in odd number years and Walsh County in even numbered years. 2012 data is from Walsh County.