

**NDSU Carrington Research Extension Center
2016 Variety Trial Data**

Barley - Dryland Recrop Elite* **Carrington**

Variety	Days to Head	Plant Lodge 0 to 9	Plant Height inch	Plump >6/64 %	Thin <5/64 %	-- Grain Protein --		Test Weight lb/bu	----- Grain Yield -----		
						2016 %	3-yr. Avg. ¹		2016	2-yr. Avg.	3-yr. Avg. ¹
Six Row											
Lacey	60.5	1.8	25.6	89.7	1.0	11.5	12.4	43.8	49.1	62.2	63.1
Tradition	60.5	1.8	25.2	92.4	0.9	10.9	12.3	44.8	50.2	66.3	65.8
Stellar-ND	61.5	1.5	24.8	90.5	1.1	11.3	12.3	42.4	44.6	60.4	61.0
Celebration	61.0	2.0	27.6	92.7	0.8	12.1	12.9	42.3	59.6	66.3	66.6
Quest	61.0	1.8	26.8	85.9	1.5	11.5	12.5	42.8	52.6	61.0	59.8
Innovation	61.0	1.8	25.1	91.7	0.7	11.3	12.5	42.7	53.3	66.6	65.7
Two Row											
Pinnacle	62.3	1.3	25.5	96.5	0.8	10.7	11.3	45.0	64.7	58.7	59.4
ND Genesis	67.5	1.0	26.4	96.0	0.4	9.9	10.7	44.3	49.9	60.2	64.5
AAC Synergy	70.0	2.0	26.2	95.9	0.4	10.8	--	45.0	64.2	--	--
SY Sirish	70.3	1.3	22.9	97.5	0.4	10.8	--	44.9	58.5	--	--
ABI Balster	68.5	2.0	26.0	94.7	0.7	10.6	--	44.7	62.2	--	--
ABI Growler	71.5	2.0	26.2	92.3	1.2	11.9	--	43.6	49.0	--	--
LCS Genie	71.3	1.3	24.8	95.8	0.7	11.2	--	45.4	54.7	--	--
LCS Odyssey	70.3	1.7	24.4	97.6	0.4	10.0	--	44.5	63.5	--	--
MEAN	65.3	1.6	25.5	93.4	0.8	11.1	--	44.0	55.1	--	--
C.V. (%)	2.5	31.8	7.6	1.7	30.6	6.7	--	1.1	13.3	--	--
LSD 0.10	2.0	NS	NS	1.9	0.29	0.9		0.6	8.7	--	--
LSD 0.05	2.4	NS	NS	2.2	0.34	1.1	--	0.7	10.5	--	--

Planting Date = April 29; Harvest Date = August 4; Previous Crop = Spring Wheat

* This trial was directly planted into an undisturbed wheat stubble.

** Hail Damage: The trial experienced a moderate degree of hail damage on July 9. The loss in yield due due to either seed shatter or head breakage was assessed to be generally uniform across the trial. Consider the hail damage when utilizing the

¹ Three-year average is for 2013, 2015, and 2016 as no data is available for 2014.