

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

Barley - Dryland **Carrington**

Variety ¹	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.		2016 ----- bu/ac -----	2-yr. Avg.	3-yr. Avg.
Six Row											
Lacey	67.0	2.5	23.1	82.5	1.5	15.8	14.9	47.1	56.6	71.4	90.6
Tradition	64.8	2.3	23.3	83.5	0.9	15.8	14.6	47.8	49.2	68.9	88.2
Stellar-ND	66.0	2.0	22.8	86.4	1.3	14.9	14.1	46.1	54.8	67.6	89.6
Celebration	65.8	2.3	25.6	88.0	1.0	16.3	15.6	46.2	57.1	77.6	95.5
Quest	66.5	2.3	22.9	80.5	2.3	16.0	14.8	47.1	48.1	66.4	86.6
Innovation	65.0	2.5	24.1	86.3	0.8	16.4	15.1	46.7	54.8	69.7	91.8
Two Row											
Conlon	69.3	2.5	25.2	97.6	0.4	14.9	13.5	50.2	52.8	69.8	91.1
Rawson	72.3	1.0	24.9	97.0	0.4	13.9	12.8	48.4	53.0	71.5	89.2
Pinnacle	66.5	1.8	24.4	92.8	1.0	14.7	12.9	47.4	55.7	71.5	91.5
CDC Meredith	73.8	1.8	24.4	75.1	3.2	15.7	--	44.1	51.1	78.5	--
AAC Synergy	72.8	1.8	23.8	88.9	1.4	15.4	--	47.1	48.7	--	--
SY Sirish	75.5	1.3	21.8	93.7	0.7	15.6	--	48.7	53.2	--	--
ABI Balster	74.5	1.0	22.8	83.5	1.7	16.2	--	46.2	55.8	--	--
ABI Growler	75.5	1.5	23.3	88.2	1.9	16.6	--	45.5	52.2	--	--
LCS Genie	76.3	2.0	21.8	92.2	0.9	15.9	--	47.8	51.9	--	--
LCS Odyssey	75.5	2.0	21.7	92.3	0.5	15.6	--	47.7	53.1	--	--
ND Genesis 0.50M	73.0	1.3	26.1	97.1	0.3	14.4	--	49.3	47.0	--	--
ND Genesis 0.75M	68.8	1.0	26.0	95.9	0.3	14.1	--	49.1	49.3	--	--
ND Genesis 1.00 M	70.0	1.0	24.9	94.4	0.6	14.3	--	48.6	53.7	--	--
ND Genesis 1.25M	71.0	1.3	25.1	92.5	0.6	14.2	12.4	48.4	55.6	76.5	90.3
ND Genesis 1.50M	68.0	1.0	25.6	93.2	0.6	13.9	--	48.4	56.4	--	--
ND Genesis 1.75M	71.3	1.0	24.7	92.5	0.6	14.1	--	48.4	52.7	--	--
ND Genesis 1.25M+MAP	69.8	0.8	26.1	92.7	0.6	--	--	48.8	54.2	--	--
MEAN	70.7	1.7	24.0	89.7	1.0	15.3	--	47.7	52.6	--	--
C.V. (%)	3.1	43.7	7.8	5.0	53.8	4.4	--	1.7	10.8	--	--
LSD 0.10	2.6	0.9	2.2	5.3	0.6	0.8	--	1.0	NS	--	--
LSD 0.05	3.1	1.0	2.6	6.3	0.8	0.9	--	1.2	NS	--	--

Planting Date = April 12; Harvest Date = July 22; Previous Crop = Faba Bean

** Hail Damage: The trial experienced relatively minor hail damage on July 9. The loss in yield due to either seed shatter or head breakage was determined to be minimal.

¹ Barley seeding rate used in this trial was 1,100,000 pure live seeds acre⁻¹ except for ND Genesis which had multiple planting rates, as noted.