

NDSU Carrington Research Extension Center
2012 Variety Trial Data

Barley - Dryland	Carrington
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Variety	Plump >6/64 %	Thin <5/64 %	----- Grain Protein -----		Test Weight lb/bu	----- Grain Yield -----		
			2012 ----- % -----	3-yr. Avg. ² -----		2012	2-yr. Avg. ¹ -----	3-yr. Avg. ² -----
Six Row								
Celebration	81.7	2.7	15.4	14.1	41.7	54.8	92.9	107.4
Innovation	80.6	2.8	14.0	13.4	43.5	61.7	94.6	106.9
Lacey	81.4	2.7	14.3	13.6	44.4	60.6	93.7	107.2
Quest	77.6	3.0	14.1	13.4	43.3	58.8	90.5	99.3
Robust	78.4	3.2	15.0	13.9	44.3	55.4	84.3	98.5
Stellar-ND	83.4	3.1	14.2	13.3	42.9	56.7	89.5	105.0
Tradition	80.8	3.0	13.9	13.3	44.0	44.3	89.0	102.6
Two Row								
AC Metcalfe	83.9	2.9	15.3	13.8	44.1	43.5	74.3	90.7
CDC Copeland	81.0	4.7	15.2	13.6	41.6	38.4	67.7	84.8
Conlon	90.7	1.8	14.4	13.5	45.2	50.0	85.7	98.8
Conrad	83.5	3.0	15.0	14.0	43.1	47.1	78.6	93.4
Haxby	84.6	3.8	15.1	13.5	46.1	46.6	90.2	106.2
Rawson	93.3	1.5	12.4	12.1	44.3	58.0	87.1	98.1
Pinnacle	87.4	2.6	12.9	12.1	44.7	54.1	84.6	99.5
MEAN	83.2	2.9	14.1	--	43.9	51.8	--	--
C.V. (%)	5.0	23.3	3.1	--	1.7	13.3	--	--
LSD 0.05	5.9	1.0	0.6	--	1.0	9.7	--	--

Planting Date = April 17; Harvest Date = July 31; Previous Crop = Field Pea

** Trial represents what was the main dryland barley variety trial. This trial was fully exposed to herbicide drift from the herbicide 'Spartan' when barley was in the 1 1/2 to 2 1/2 leaf stage. Plant damage from the drift was significant and mostly uniform across the trial. Early injury symptoms were severe and the trial was initially abandoned. These results reflect the ability of barley to recover from a significant level of herbicide injury.

¹ Two-year average is for 2010 and 2012 as this study was lost to hail in 2011.

² Three-year average is for 2009, 2010 and 2012 as this study was lost to hail in 2011.