

**NORTH DAKOTA STATE UNIVERSITY**  
**Williston Research Extension Center**

**Barley Dryland Varietal Trial - NDSU: Williston, ND**

**2015**

Variety	Heading		Lodging 0-9 scale	Stand %	Plump % >6/64	Protein <sup>2</sup>		Test Weight <sup>3</sup> lb/bu	Yield <sup>4</sup> bu/a		
	Date DAP <sup>1</sup>	Height (in)				2015	3yr avg		2015	2yr avg	3yr avg
<b>Two Row</b>											
Pinnacle	54	22	6	99.0	94.5	12.7	13.2	49.5	61.1	66.1	72.9
Rawson	55	21	7	97.0	94.3	14.4	14.1	48.5	42.0	58.6	66.2
Hockett	58	19	5	97.0	89.5	15.0	14.6	49.9	50.7	60.7	65.9
Conrad	58	20	7	99.5	88.0	15.5	15.4	48.4	52.0	55.7	63.9
ND Genesis (2ND25276)	56	20	6	90.0	94.0	13.4	13.3	48.3	42.4	55.6	63.6
Conlon	53	20	6	98.5	94.8	14.5	14.7	48.9	36.0	57.2	62.8
CDC Copeland	60	22	8	99.3	82.5	15.0	14.7	47.5	48.7	53.3	61.5
AC Metcalfe	58	19	6	97.8	88.3	15.4	15.4	49.7	43.5	51.7	61.5
CDC Meredith	59	21	6	90.0	84.5	15.5	-	47.8	45.6	-	-
<b>Six Row</b>											
Tradition	53	22	5	99.0	81.8	15.3	15.0	48.6	48.6	63.1	66.9
Innovation (6B03-4478)	54	22	5	98.3	76.0	15.2	14.8	46.1	46.0	55.3	63.6
Celebration (6B01-2218)	56	23	6	98.0	73.3	15.8	15.7	46.9	39.4	58.6	63.2
Quest (M122)	54	23	7	95.8	79.8	15.5	15.2	48.2	48.8	61.6	62.9
Stellar-ND	53	21	7	99.5	70.3	15.7	15.0	45.5	48.9	54.5	62.5
Lacey	53	21	6	93.8	75.8	15.5	15.3	48.1	42.6	56.7	61.8
Robust	55	25	5	98.8	77.3	15.4	15.3	48.5	37.1	51.2	58.3
Mean	56	21	6	96.8	85.7	14.9	14.7	48.1	46.8	57.1	64.8
C.V.%	2.1	11.1	30.5	5.4	6.9	3.8	-	1.6	18.6	-	-
LSD 5%	1.7	3.4	-	-	8.2	0.8	-	1.1	12.4	-	-
LSD 10%	1.4	2.8	-	-	6.8	0.7	-	0.9	10.4	-	-

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft

Applied fertilizer in lb/a: 10N : 47P2O5 : 0K2O

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: 32P : 314K OM-2.2 pH-6.1

DAP<sup>1</sup> = Days after planting

Protein<sup>2</sup> = Reported on a 0% moisture basis

Test Weight<sup>3</sup> = Reported on a 13.5% moisture basis

Yield<sup>4</sup> = Reported on a 13.5% moisture basis

Chemical Applications: Prosaro 7oz/acre (6/30/15) and Wolverine/Tilt @ 1.6 qt/ac and 3oz/ac

Planted: 4/22/2014

Harvested: 8/4/2015

Previous crop: Soybeans

Soil test to 24" in lb/a: 39N