

Barley Variety Trial - Golden Valley County	Williston Research Extension Center 2014
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Variety	Percent Plump >6/64	Protein ¹ %		Test Weight lb/bu	Yield ² bu/a	
		2014	2 yr avg		2014	2 yr avg
Two Row						
Conrad	94.3	13.6	13.0	50.0	83.9	93.0
AC Metcalfe	94.6	12.6	12.6	51.7	64.6	82.7
Rawson	97.3	12.3	12.5	49.3	58.1	79.2
Pinnacle	97.1	10.9	10.9	51.0	61.9	78.4
Conlon	97.2	12.5	12.6	51.6	58.9	67.8
Hockett	95.5	11.7	-	50.8	74.0	-
Six Row						
Innovation	97.1	12.3	12.4	51.2	74.6	89.3
Tradition	96.7	13.1	13.0	52.3	73.8	87.2
Lacey	96.2	13.3	12.8	52.2	66.1	83.7
Celebration	95.0	13.9	13.6	51.6	66.7	78.9
Stellar-ND	95.8	13.6	13.1	51.8	58.4	72.5
Mean	96.0	12.5	-	51.1	68.2	-
C.V.%	1.0	4.8	-	1.0	12.1	-
LSD 10%	1.38	0.84	-	0.68	11.59	-

Location: Latitude 46 50'; Longitude 103 59'W; Elevation 2890 ft

Planted: 5/22/14

Harvested: 8/14/14

Applied fertilizer in lb/a: 9 N : 42 P2O5 : 0 K2O

Harvested area: 56 ft²

Soil type: Grail-Grassna complex

Previous crop: field pea

Soil test to 6" in lb/a: 5 P : 233 K OM-2.6 pH-7.6

Soil test to 24" in lb/a: 34N

Protein¹ = Reported on a 0% moisture basis

Yield² = Reported on a 13.5% moisture basis