

2015 Barley Variety Trial

North Central Research Extension Center—Minot

Variety	Days	Plant	Lodging	% Plump	% Thin	Test	Protein	Grain Yield				
	to Head							Height	0-9 ²	>6/64	<5/64	lbs/bu
	DAP ¹	inches						-----bu/A-----				
6 Row Types												
Innovation	58	34	3	94	0	49.4	13.5	85.8	90.2	86.7	88.4	87.6
Lacey	58	36	2	93	1	49.8	13.9	73.6	93.2	87.0	90.1	84.6
Stellar-ND	58	36	3	95	1	48.9	13.4	75.7	97.5	75.6	86.6	82.9
Celebration	58	37	6	94	1	49.8	14.3	66.9	96.7	84.1	90.4	82.6
Quest	59	39	1	87	1	48.4	13.1	71.2	99.5	74.7	87.1	81.8
Tradition	58	37	1	93	1	48.9	12.6	68.3	87.9	73.3	80.6	76.5
2 Row Types												
ND Genesis	59	36	2	94	1	49.0	11.3	77.7	101.0	108.8	104.9	95.8
CDC Copeland	64	38	5	87	3	49.2	13.4	81.4	100.7	86.7	93.7	89.6
Conlon	56	35	4	93	1	50.0	12.6	62.3	93.7	95.0	94.4	83.7
Rawson	57	36	1	95	1	48.2	11.9	62.8	89.3	96.9	93.1	83.0
Pinnacle	59	36	3	90	2	48.2	11.8	73.5	94.4	79.6	87.0	82.5
Conrad	64	34	3	90	2	50.4	13.1	71.8	90.5	85.0	87.7	82.4
AC Metcalfe	61	38	5	85	2	49.4	14.2	69.7	88.2	84.3	86.2	80.7
CDC Merideth	64	37	3	87	2	46.9	13.4			96.5		
Trial Mean	59	36	2	91	1	49.1	12.9	77.4	97.1	86.5	--	--
C.V.%	1.7	3.7	65	3.1	51	1.9	5.9	6.2	5.7	5.7	--	--
LSD 5%	1	2	2	4	1	1.3	1.1	6.9	6.9	7.0	--	--

¹ DAP = Days after planting. ² Lodging: 0 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planted on April 29 with a seeding rate of 1 million PLS/A and harvested on August 11.

Previous Crop: 2012 = field pea 2013 = soybean, 2014 = flax.

Soil Type: Williams Loam