

2015 Barley Variety Trial at Mohall

Cooperators: Dean Schoenberg and the Renville/Bottineau Ag Improvement Association

Variety	Plant Height inches	Lodging 0-9*	% Plump >6/64	% Thin <5/64	Test Weight lbs/bu	Protein %	Grain Yield				
							2013	2014	2015	2	3
							-----bu/A-----				
6 Row Types											
Innovation	34	5	98	0	47.2	13.3	62.7	69.9	79.0	74.4	70.5
Tradition	35	5	96	0	48.2	12.6	54.3	70.2	79.3	74.8	67.9
Lacey	34	4	95	0	47.9	13.0	58.6	66.1	70.1	68.1	64.9
2 Row Types											
Pinnacle	36	2	97	0	49.1	11.5	38.2	77.3	84.3	80.8	66.6
Conlon	35	4	98	0	49.6	13.7	54.6	61.1	79.2	70.2	65.0
ND Genesis	34	3	97	0	48.0	11.7		71.1	78.4	74.8	
Trial Mean	34	4	97	0	48.3	12.6	55.2	68.5	78.4	--	--
C.V.%	5.2	26	1.6	134	1.4	2.8	6.6	3.9	6.2	--	--
LSD 5%	NS	1	2	NS	1.0	0.5	5.7	3.9	6.2	--	--
LSD 10%	NS	1	2	NS	0.8	0.4	4.5	3.1	4.9	--	--

*Lodging: 0 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planted on April 22 with a seeding rate of 1 million PLS/A and harvested on August 13.

Previous Crop: 2012 = winter wheat, 2013 = canola, 2014 = oat.

Soil Type: Barnes loam