

## 2017 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				
							2015	2016	2017	Average 2 yr 3 yr	
							-----bu/A-----				
<b>6 Row Types</b>											
Tradition	29	0	95	5	45.9	12.1	79.3	83.9	105.6	94.8	89.6
Lacey	29	0	95	5	46.6	11.6	70.1	71.4	92.5	81.9	78.0
<b>2 Row Types</b>											
ND Genesis	27	0	97	3	47.0	10.3	78.4	96.4	107.0	101.7	93.9
CDC Meredith	28	0	88	11	45.2	10.6		81.6	107.2	94.4	
AAC Synergy	28	0	96	4	47.4	10.8			113.3		
LCS Odyssey	24	0	96	3	46.4	9.7			110.8		
Trial Mean	27	0	94	5	46.4	10.9	78.4	82.3	106	--	--
C.V.%	5.8	0	2.6	42	1.3	5.2	6.2	6.4	5.4	--	--
LSD 5%	2	NS	4	3	0.9	0.8	6.2	7.8	8.6	--	--
LSD 10%	2	NS	3	3	0.7	0.7	4.9	6.5	7.1	--	--

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

NS = no statistical difference between varieties.

Planted on April 30 with a seeding rate of 1 million PLS/A and harvested on August 17.

Previous Crop: 2014 = oat, 2015 = sunflower, 2016 = durum.

Tillage: minimum till

Soil Type: Barnes loam