

2017 Barley Variety Trial at Garrison
 Cooperator: Mike Zimmerman, Garrison

Variety	Plant Height inches	Lodging 0-9*	% Plump >6/64	% Thin <5/64	Test Weight lbs/bu	Protein %	Grain Yield			Average	
							2015	2016	2017	2 yr	3 yr
6 Row Types											
Tradition	21	0	61	39	41.6	15.5	57.6	89.8	41.3	65.6	62.9
Lacey	18	0	72	28	42.9	15.8	57.1	87.5	35.5	61.5	60.0
2 Row Types											
ND Genesis	20	0	76	24	42.6	14.3	76.2	94.5	40.0	67.3	70.2
CDC Meredith	21	0	66	34	40.5	15.4		96.3	43.4	69.9	
LCS Odyssey	19	0	77	23	43.1	14.8			44.2		
AAC Synergy	20	0	69	31	42.7	15.6			40.6		
Trial Mean	20	0	70	30	42.2	15.2	61.4	91.8	40.8	--	--
C.V.%	6.5	0	13.7	32	3.6	5.0	6.2	5.9	17.1	--	--
LSD 5%	2	NS	NS	NS	2.3	NS	5.8	8.1	NS	--	--
LSD 10%	2	NS	NS	NS	1.9	0.9	4.7	6.7	NS	--	--

*Lodging: 0 = none, 9 = lying flat on the ground.
 NS = no statistical difference between varieties.

Planted on April 27 with a seeding rate of 1 million PLS/A and harvested on August 8.

Previous Crop: 2014 = barley, 2015 = canola, 2016 = barley.

Tillage: no-till

Soil Type: Williams Bowbells loam

Note: The 2017 trial sustained severe drought.