

2017 Barley Variety Trial at Wilton

Cooperator: Rod Binstock, Baldwin

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	25	0	51	48	42.1	17.7	95.6	89.8	58.9	74.3	81.4
Lacey	24	0	46	53	40.7	18.1	94.8	87.5	38.5	63.0	73.6
2 Row Types											
ND Genesis	24	0	74	25	43.9	15.9	96.9	94.5	34.4	64.5	75.3
CDC Meredith	26	0	45	54	39.4	18.8		96.3	53.7	75.0	
AAC Synergy	24	0	45	54	41.7	19.2			54.0		
LCS Odyssey	23	0	62	36	42.9	17.8			42.3		
Trial Mean	24	0	54	45	41.8	17.9			47.0	--	--
C.V.%	6.3	0	19.4	23	3.1	4.6			12.9	--	--
LSD 5%	2	NS	16	16	1.9	1.2			9.1	--	--
LSD 10%	2	NS	13	13	1.6	1.0			7.5	--	--

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

NS = no statistical difference between varieties.

Planted on April 27 with a seeding rate of 1.5 million PLS/A and harvested on August 8.

Previous Crop: 2014 = wheat, 2015 = soy, 2016 = wheat.

Tillage: no-till

Soil Type: Williams loam

Note: The 2017 trial sustained severe drought and moderate hail injury.