

**2015 Barley Variety Trial at Garrison**

Cooperator: Mike Zimmerman

Variety	Plant	% Plump		% Thin		Test Weight		---- Grain Yield ----	
	Height inches	Lodgin 0-9*	>6/64	<5/64	lbs/bu	Protein %	2014	2015	Avg
----- bu/A -----									
<b>6 Row Types</b>									
Tradition	32	4	90	1	46.1	12.5	58.4	57.6	58.0
Lacey	31	4	91	1	47.0	12.7	48.3	57.1	52.7
Innovation	30	5	89	1	46.0	13.2	43.2	50.4	46.8
<b>2 Row Types</b>									
Pinnacle	32	2	96	1	46.8	11.2	43.8	89.6	66.7
ND Genesis	31	2	94	2	46.1	11.5	50.2	76.2	63.2
Conlon	31	5	93	1	46.8	13.3	54.8	37.3	46.1
Trial Mean	31	3	92	1	46.5	12.4	49.4	61.4	--
C.V.%	6.7	32	3.7	41	0.8	1.6	5.3	6.2	--
LSD 5%	NS	2	5	NS	0.6	0.3	3.8	5.8	--
LSD 10%	NS	1	4	NS	0.5	0.2	3.1	4.7	--

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

NS = no statistical difference between varieties.

Planted on April 17 with a seeding rate of 1 million PLS/A and harvested on August 11.

Previous Crop: 2013 = sunflower, 2014 = barley.

Soil Type: Williams Bowbells loam