

2014 Barley Variety Trial at Rugby

Cooperators: Dave Teigen and the Pierce County Crop Improvement Association

Variety	Plant Height inches	% Plump >6/64	% Thin <5/64	Test Weight lbs/bu	Protein %	Yield bu/A
6 Row Types						
Quest	34	93	1	47.3	14.2	67.1
Stellar-ND	31	96	0	48.2	13.7	63.1
Innovation	29	97	0	49.1	13.9	60.9
Celebration	29	94	1	47.3	14.5	46.0
Lacey	31	96	0	49.0	13.5	45.8
Tradition	28	96	0	47.8	13.8	43.4
2 Row Types						
Genesis	33	97	0	48.9	11.6	49.4
Pinnacle	33	97	0	48.8	12.8	56.2
Conlon	28	94	1	50.2	14.9	*
Trial Mean	31	96	1	48.5	13.5	51.7
C.V.%	3.6	1.7	61	1.0	3.1	7.3
LSD 10%	1	2	NS	0.6	0.5	4.6

NS = no statistical difference between varieties.

*Yield not reported due to bird damage.

Planting Date: May 28

Planting Rate: 1 million PLS/A

Harvest Date: September 11

Previous Crop: spring wheat

Soil Type: Gardena silt loam

2014 Barley Variety Trial at Garrison

Cooperator: Mike Zimmerman, Garrison

Variety	Plant Height inches	% Plump >6/64	% Thin <5/64	Test Weight lbs/bu	Protein %	Yield bu/A
6 Row Types						
Celebration	32	97	0	49.4	9.5	62.0
Tradition	33	98	0	50.9	10.0	58.4
Lacey	30	97	0	49.1	9.4	48.3
Stellar-ND	31	97	1	47.6	8.7	44.6
Quest	31	92	1	48.3	8.7	43.5
Innovation	26	97	0	48.3	9.0	43.2
2 Row Types						
Conlon	28	99	0	51.7	8.8	54.8
Genesis	34	97	0	50.6	9.2	50.2
Pinnacle	31	98	0	49.6	8.1	43.8
Trial Mean	30	97	0	49.4	9.0	49.4
C.V.%	4.2	0.7	--	0.8	3.9	5.3
LSD 10%	2	1	NS	0.5	0.4	3.1

NS = no statistical difference between varieties.

Planting Date: April 25

Planting Rate: 1 million PLS/A

Harvest Date: August 20

Previous Crop: sunflower

Soil Type: Williams Bowbells loam