

2018 Durum Variety Trial at Garrison

Cooperators: Brian and Roger Bendickson, Garrison

Variety	Plant Height inches	Lodging 0-9*	Test Weight lbs/bu	Protein %	Grain Yield			-- Average --	
					2016	2017	2018	2 yr	3 yr
Mountrail	33	2	58.8	13.9	60.1	20.7	63.2	42.0	48.0
Carpio	35	1	60.6	14.0	63.5	18.3	61.3	39.8	47.7
ND Grano	32	1	59.7	14.0	60.8	18.8	62.4	40.6	47.3
Alkabo	33	0	60.8	13.5	61.9	19.6	59.8	39.7	47.1
Grenora	32	1	59.3	14.5	56.8	18.3	65.7	42.0	46.9
ND Riveland	34	0	60.2	13.9	60.0	21.4	57.9	39.7	46.4
Joppa	34	2	60.1	13.8	58.3	16.7	62.8	39.8	45.9
Divide	33	2	59.5	15.0	60.4	19.1	58.3	38.7	45.9
VT Peak	34	1	61.4	14.4		17.2	61.8	39.5	
Tioga	34	1	60.4	14.7			63.6		
Lebsock	33	1	60.9	14.2			62.9		
Trial Mean	34	1	60.1	14.2	60.3	19.0	61.8	--	--
C.V.%	2.1	90	0.6	2.3	7.7	21.6	11.3	--	--
LSD 5%	1	1	0.6	0.5	NS	NS	NS	--	--
LSD 10%	1	1	0.5	0.4	NS	NS	NS	--	--

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

NS = no statistical difference between varieties.

Planted on April 28 with a seeding rate of 1.5 million PLS/A and harvested on August 9.

Previous Crop: 2015 = canola, 2016 = barley, 2017 = spring wheat.

Tillage: no-till

Soil Type: Williams Bowbells loam

Note: The 2017 trial sustained severe drought and wheat stem sawfly damage.