

2017 Durum Variety Trial at Garrison

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NDSU North Central Research Extension Center

Variety	Sawfly 0-9*	Plant Height inches	Test Weight lbs/bu	Protein %	Grain Yield				
					2015	2016	2017	-- Average -- 2 yr 3 yr	
					-----bu/A-----				
Mountrail	2	21	55.9	13.4	41.1	60.1	20.7	40.4	40.6
Divide	2	22	56.1	13.7	42.1	60.4	19.1	39.8	40.5
Alkabo	4	21	57.0	13.3	34.6	61.9	19.6	40.8	38.7
Carpio	2	21	55.7	12.8	31.0	63.5	18.3	40.9	37.6
Grenora	2	18	54.6	13.9	36.3	56.8	18.3	37.5	37.1
Joppa	2	19	56.1	13.3	35.9	58.3	16.7	37.5	37.0
ND Grano	4	21	55.4	14.8	--	60.8	18.8	39.8	--
ND Riveland	3	21	56.6	14.4	--	60.0	21.4	40.7	--
VT Peak	2	21	56.0	14.3	--	--	17.2	--	--
Trial Mean	3	21	56.0	13.8	36.6	60.3	19.0	--	--
C.V.%	49	9.9	1.6	3.3	7.3	7.7	21.6	--	--
LSD 5%	NS	NS	1.3	0.7	4.0	NS	NS	--	--
LSD 10%	NS	NS	1.0	0.5	3.2	NS	NS	--	--

*Lodging caused by wheat stem sawfly: 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 = barley, 2015 = canola, 2016 = barley.

Tillage: no-till

Soil Type: Williams Bowbells loam

Note: The 2017 trial sustained severe drought and an infestation of wheat stem sawfly.