

**2019 Durum Variety Trial at Mohall**

Cooperators: Dean Schoenberg and the Renville/Bottineau Ag Improvement Association

Variety	Plant Height inches	Lodging 0-9*	Test Weight lbs/bu	Protein %	Grain Yield				
					2017	2018	2019	-- Average -- 2 yr      3 yr	
Grenora	25	0	60.2	14.0	72.4	54.2	47.5	50.8	58.0
Joppa	26	0	62.3	14.0	74.0	50.5	48.0	49.2	57.5
Carpio	25	0	62.0	13.2	67.0	55.1	48.0	51.5	56.7
Alkabo	25	0	61.4	13.6	63.8	56.5	45.6	51.0	55.3
Mountrail	26	0	60.8	13.7	68.1	47.0	48.6	47.8	54.6
ND Riveland	29	0	61.9	14.0	69.0	48.6	45.8	47.2	54.5
ND Grano	26	0	61.9	14.0	61.3	48.8	46.2	47.5	52.1
Divide	25	0	60.9	14.9	56.5	43.3	44.0	43.6	47.9
Tioga	28	0	61.0	15.2		52.2	42.8	47.5	
Lebsock	24	0	61.2	14.5		49.0	43.5	46.3	
Trial Mean	26	0	61.4	14.1	67.5	50.8	46.0	--	--
C.V.%	5.1	0	1.0	3.3	7.8	11.5	10.3	--	--
LSD 5%	2	NS	0.8	0.7	7.7	8.4	NS	--	--
LSD 10%	2	NS	0.7	0.6	6.4	7.0	NS	--	--

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

NS = no statistical difference between varieties.

Planted on April 25 with a seeding rate of 1.5 million PLS/A and harvested on August 22.

Previous Crop: 2016 &amp; 2017 = durum, 2018 = canola.

Tillage: minimum till

Soil Type: Barnes loam