

2020 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			-- Average --	
					2018	2019	2020	2 yr	3 yr
Grenora	30	0	56.1	13.7	54.2	47.5	37.3	42.4	46.3
Carpio	32	0	56.7	13.1	55.1	48.0	31.2	39.6	44.8
Alkabo	30	0	56.3	12.7	56.5	45.6	31.3	38.5	44.5
Tioga	33	0	57.4	13.3	52.2	42.8	37.9	40.3	44.3
Joppa	32	0	54.7	12.8	50.5	48.0	32.5	40.3	43.7
ND Riveland	32	0	58.8	12.5	48.6	45.8	36.3	41.1	43.6
Montrail	32	0	55.8	13.0	47.0	48.6	33.8	41.2	43.1
ND Grano	31	0	54.4	13.6	48.8	46.2	32.7	39.4	42.6
Lebsock	29	0	57.2	13.4	49.0	43.5	33.0	38.3	41.8
Divide	31	0	58.5	14.3	43.3	44.0	35.5	39.8	40.9
Trial Mean	31	0	56.6	13.2	50.8	46.0	34.2	--	--
C.V.%	4.8	0	1.4	4.6	11.5	10.3	14.9	--	--
LSD 0.05	2	NS	1.1	0.9	8.4	NS	NS	--	--
LSD 0.1	2	NS	0.9	0.7	7.0	NS	NS	--	--

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

NS = no statistical difference between varieties.

Planted on May 8 with a seeding rate of 1.5 million PLS/A and harvested on August 26.

Previous Crop: 2017 = durum, 2018 = canola, 2019 = durum.

Tillage: minimum till

Soil Type: Barnes loam

Note: The 2020 trial was infected with moderate levels of Fusarium Head Blight.