

2021 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 --	
					2019	2020	2021	2 yr	3 yr
					-----bu/A-----				
Grenora	19	0	58.6	15.6	47.5	37.3	31.0	34.1	38.6
ND Riveland	24	0	58.6	15.7	45.8	36.3	32.3	34.3	38.1
Joppa	22	0	59.3	14.9	48.0	32.5	33.2	32.8	37.9
Tioga	24	0	59.1	16.4	42.8	37.9	32.2	35.1	37.6
Carpio	20	0	57.8	15.6	48.0	31.2	32.9	32.1	37.4
Mountrail	20	0	58.5	14.8	48.6	33.8	29.5	31.7	37.3
ND Grano	21	0	59.4	15.4	46.2	32.7	32.4	32.6	37.1
Divide	22	0	58.4	15.8	44.0	35.5	31.7	33.6	37.1
Alkabo	19	0	59.4	14.6	45.6	31.3	29.5	30.4	35.5
Lebsock	19	0	59.2	15.7	43.5	33.0	28.0	30.5	34.8
ND Stanley	22	0	59.5	15.4			35.5		
VT Peak	22	0	59.7	15.9			31.5		
AAC Spitfire	18	0	57.3	16.6			30.6		
AAC Stronghold	18	0	58.9	16.5			27.9		
Trial Mean	21	0	58.8	15.6	46.0	34.2	31.3	--	--
C.V.%	7.8	0	0.9	4.1	10.3	14.9	20.5	--	--
LSD 0.05	3	NS	0.6	0.7	NS	NS	NS	--	--
LSD 0.1	2	NS	0.5	0.6	NS	NS	NS	--	--

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

NS = no statistical difference between varieties.

Planted on May 6 with a seeding rate of 1.5 million PLS/A and harvested on August 16.

Previous Crop: 2018 = canola, 2019 = durum, 2020 = canola.

Tillage: minimum till

Soil Type: Barnes loam

Note: The 2021 trial sustained moderate drought. View data with caution.