

**2021 Durum Variety Trial at Garrison**

Cooperators: Brian and Roger Bendickson, Garrison

Variety	Lodging 0-9 <sup>1</sup>	Test Weight lbs/bu	Protein %	Grain Yield			Average*	
				2019	2020	2021*	2 yr	3 yr
				-----bu/A-----				
ND Grano	0	59.6	17.1	61.3	29.7	<b>9.9</b>	45.5	51.1
Grenora	0	59.0	17.1	54.7	32.7	<b>11.0</b>	43.7	51.0
Montrail	0	58.3	17.2	59.8	29.4	<b>8.6</b>	44.6	50.8
Joppa	0	58.6	17.5	56.4	30.9	<b>6.5</b>	43.7	50.0
Tioga	0	59.7	17.2	54.6	29.0	<b>10.5</b>	41.8	49.1
Alkabo	0	59.1	16.7	57.3	29.7	<b>7.5</b>	43.5	48.9
Lebsock	0	59.1	17.3	52.9	28.9	<b>11.1</b>	40.9	48.2
ND Riveland	0	59.0	17.1	57.0	27.3	<b>7.7</b>	42.1	47.4
Carpio	0	58.1	16.3	53.8	24.8	<b>10.7</b>	39.3	46.6
Divide	0	58.1	17.3	52.4	27.2	<b>9.8</b>	39.8	46.0
ND Stanley	0	59.8	17.1			<b>10.1</b>		
AAC Stronghold	0	58.7	18.3			<b>6.1</b>		
AAC Spitfire	0	57.3	18.3			<b>7.9</b>		
Trial Mean	0	58.8	17.3	56.0	29.0	<b>9.0</b>	--	--
C.V.%	0	0.8	4.8	6.0	7.8	<b>32.6</b>	--	--
LSD 5%	NS	0.8	NS	4.9	3.3	<b>NS</b>	--	--
LSD 10%	NS	1.2	NS	4.1	2.7	<b>NS</b>	--	--

<sup>1</sup>Lodging: 0 = none, 9 = lying flat on the ground.

**\*The 2021 trial sustained extreme heat and moisture stress. Data from this trial may be unreliable and should be viewed with caution. 2 and 3 year average yields do not include 2021 data.**

NS = no statistical difference between varieties.

Planted on May 5 with a seeding rate of 1.5 million PLS/A and harvested on August 18.

Previous Crop: 2019 = spring wheat, 2018 and 2020 = soybean.

Tillage: no-till

Soil Type: Williams Bowbells loam

Notes: The 2020 trial sustained a moderate infestation of fusarium head blight.