

## 2022 Durum Variety Trial at Garrison

Cooperators: Brian and Roger Bendickson, Garrison

Variety	Plant	Lodging	Test	Protein	-----Grain Yield-----				
	Height		Weight		2019	2020	2022	2 yr avg	3 yr avg
	inches	0-9*	lbs/bu	%	-----bushels per acre -----				
ND Grano	31	0	61.2	13.1	61.3	29.7	65.5	47.6	52.2
Joppa	33	0	61.3	13.1	56.4	30.9	64.7	47.8	50.7
Tioga	34	0	61.7	13.6	54.6	29.0	68.4	48.7	50.7
ND Riveland	35	0	61.2	12.9	57.0	27.3	67.1	47.2	50.5
Alkabo	32	0	61.3	12.9	57.3	29.7	64.6	47.2	50.5
Divide	32	0	61.3	13.6	52.4	27.2	66.9	47.1	48.8
Carpio	31	0	61.0	13.1	53.8	24.8	62.1	43.4	46.9
ND Stanley	32	0	61.3	13.7	--	--	69.2	--	--
CDC Defy	33	0	62.2	13.3	--	--	65.6	--	--
AAC Spitfire	29	0	60.1	13.4	--	--	64.2	--	--
AAC Stronghold	30	0	61.1	14.1	--	--	63.3	--	--
CDC Vantta	27	0	61.9	13.3	--	--	60.3	--	--
Trial Mean	32	0	61.3	13.3	56.0	29.0	65.2	--	--
C.V.%	5.3	0.0	0.6	3.1	6.0	7.8	8.9	--	--
LSD 5%	3	NS	0.6	0.7	4.9	3.3	NS	--	--
LSD 10%	2	NS	0.5	0.6	4.1	2.7	8.1	--	--

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

\*\*2021 yield data not included in 2 and 3 year averages.

NS = no statistical difference between varieties.

Planted on May 5 with a seeding rate of 1.5 million PLS/A and harvested on August 16.

Previous Crop: 2019 = spring wheat, 2018 and 2021 = soybean.

Tillage: no-till

Soil Type: Williams Bowbells loam

The 2021 trial sustained extreme drought. Data not included.