

2022 Durum Variety Trial at Rugby

Cooperators: Dave Teigen and the Pierce County Crop Improvement Association

Variety	Plant	Lodging	Test	Protein	-----Grain Yield-----				
	Height		Weight		2019	2020	2022	2 yr avg	3 yr avg
	inches	0-9*	lbs/bu	%	-----bu/A-----				
ND Grano	38	1	57.4	14.6	58.4	52.6	61.5	57.1	57.5
ND Riveland	43	2	57.6	14.0	60.1	50.4	61.1	55.7	57.2
Tioga	41	2	58.4	14.4	58.4	52.5	57.2	54.9	56.0
Carpio	38	6	57.9	14.4	55.2	51.7	54.9	53.3	53.9
Joppa	39	2	58.0	14.1	53.2	51.1	54.0	52.5	52.8
Alkabo	36	2	58.8	14.3	56.3	49.6	51.9	50.8	52.6
Divide	41	2	54.1	14.8	53.2	46.5	56.4	51.5	52.0
CDC Defy	37	1	58.6	14.3	--	--	61.0	--	--
ND Stanley	39	1	58.8	14.9	--	--	58.7	--	--
AAC Stronghold	35	1	57.0	15.0	--	--	56.1	--	--
AAC Spitfire	32	4	55.0	15.3	--	--	48.0	--	--
CDC Vantta	35	1	51.7	13.5	--	--	40.7	--	--
Trial Mean	38	2	56.9	14.5	56.0	49.3	55.1	--	--
C.V.%	3.6	49.0	1.4	1.8	6.4	8.1	5.0	--	--
LSD 5%	2	2	1.4	0.4	5.2	5.8	4.7	--	--
LSD 10%	2	1	1.1	0.4	4.3	4.9	3.9	--	--

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

Planted on May 27 with a seeding rate of 1.5 million PLS/A and harvested on September 8.

Previous Crop: 2018 = soybean, 2019 = barley, 2021 = hrsw

Tillage: minimum till

Soil Type: Gardena silt loam

Note: The 2021 trial sustained extreme drought. Data not shown.