

2020 Durum Variety Trial at Rugby

Cooperators: Dave Teigen and the Pierce County Crop Improvement Association

Variety	Plant Height inches	Lodging 0-9*	Test Weight lbs/bu	Protein %	Grain Yield				
					2018	2019	2020	-- Average -- 2 yr 3 yr	
					-----bu/A-----				
Joppa	29	0	62.7	12.0	79.1	53.2	51.1	52.1	61.1
ND Grano	29	0	62.6	12.3	70.1	58.4	52.6	55.5	60.4
ND Riveland	31	0	63.3	11.9	69.6	60.1	50.4	55.3	60.0
Tioga	30	0	63.1	12.6	68.5	58.4	52.5	55.5	59.8
Alkabo	28	0	63.1	12.2	71.0	56.3	49.6	53.0	59.0
Carpio	29	0	63.3	12.0	67.9	55.2	51.7	53.5	58.3
Divide	28	0	62.4	12.6	74.8	53.2	46.5	49.8	58.2
Montrail	28	0	61.8	12.1	72.5	55.6	46.2	50.9	58.1
Grenora	27	0	61.4	12.9	59.9	57.6	50.7	54.2	56.1
Lebsock	28	0	63.2	13.1	63.7	51.6	42.0	46.8	52.4
Trial Mean	29	0	62.7	12.4	70.1	56.0	49.3	--	--
C.V.%	6.2	0	1.0	3.5	6.3	6.4	8.1	--	--
LSD 5%	3	NS	0.9	0.6	6.4	5.2	5.8	--	--
LSD 10%	2	NS	0.8	0.5	5.3	4.3	4.9	--	--

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

NS = no statistical difference between varieties.

Planted on May 7 with a seeding rate of 1.5 million PLS/A and harvested on August 19.

Previous Crop: 2017 = barley, 2018 = soybean, 2019 = Barley

Tillage: minimum till

Soil Type: Gardena silt loam