

2018 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				
					2016	2017	2018	-- Average -- 2 yr 3 yr	
ND Riveland	34	2	60.0	12.2	80.5	70.8	69.6	70.2	73.6
ND Grano	32	2	59.7	12.4	71.0	63.4	70.1	66.7	68.2
Joppa	32	3	59.1	12.4	74.5	48.4	79.1	63.8	67.3
Carpio	33	2	59.0	12.3	64.7	64.9	67.9	66.4	65.8
Mountrail	31	1	57.8	12.4	76.0	41.2	72.5	56.8	63.2
Alkabo	30	1	59.0	13.0	71.9	45.7	71.0	58.4	62.9
Divide	31	2	59.0	12.7	69.7	41.6	74.8	58.2	62.0
Grenora	29	1	57.4	13.6	72.9	45.8	59.9	52.9	59.5
VT Peak	32	1	61.5	12.6		43.6	74.2	58.9	
Tioga	33	2	59.0	13.1			68.5		
Lebsock	30	1	60.0	13.4			63.7		
Trial Mean	32	2	59.2	12.7	73.1	52.0	70.1	--	--
C.V.%	3.8	39	1.0	4.0	3.5	12.7	6.3	--	--
LSD 5%	2	1	0.9	0.7	3.7	11.3	6.4	--	--
LSD 10%	1	1	0.7	0.6	3.1	9.4	5.3	--	--

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

Planted on April 27 with a seeding rate of 1.5 million PLS/A and harvested on August 10.

Previous Crop: 2015 = wheat, 2016 = field pea, 2017 = barley.

Tillage: minimum till

Soil Type: Gardena silt loam