

2017 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				
					2015	2016	2017	-- Average -- 2 yr 3 yr	
Carpio	28	0	59.6	14.1	66.5	64.7	64.9	64.8	65.4
Joppa	26	0	59.9	14.5	72.2	74.5	48.4	61.5	65.0
Grenora	25	0	59.7	15.0	75.6	72.9	45.8	59.3	64.8
Alkabo	25	0	60.2	14.4	76.2	71.9	45.7	58.8	64.6
Mountrail	22	0	59.9	14.7	73.7	76.0	41.2	58.6	63.6
Divide	27	0	59.6	14.9	71.0	69.7	41.6	55.6	60.8
ND Grano	27	0	59.7	14.8		71.0	63.4	67.2	
ND Riveland	28	0	61.7	14.7		80.5	70.8	75.6	
VT Peak	25	0	59.8	15.4			43.6		
Trial Mean	26	0	59.9	14.8	71.8	73.1	52.0	--	--
C.V.%	5.7	0	1.4	1.8	4.0	3.5	12.7	--	--
LSD 5%	3	NS	1.4	0.4	4.2	3.7	11.3	--	--
LSD 10%	2	NS	1.1	0.4	3.4	3.1	9.4	--	--

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

NS = no statistical difference between varieties.

Planted on April 30 with a seeding rate of 1.5 million PLS/A and harvested on August 17.

Previous Crop: 2014 = soybean, 2015 = wheat, 2016 = field pea.

Tillage: minimum till

Soil Type: Gardena silt loam