

2017 Durum Variety Trial at Wilton

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NDSU North Central Research Extension Center

Variety	Plant Height inches	Lodging 0-9*	Test Weight lbs/bu	Protein %	Grain Yield				
					2015	2016	2017	-- Average -- 2 yr 3 yr	
					-----bu/A-----				
Joppa	29	0	54.7	16.2	58.1	77.3	44.0	60.7	59.8
Mountrail	29	0	52.9	16.8	63.8	72.2	39.6	55.9	58.5
Carpio	30	0	55.4	15.7	52.8	77.0	43.6	60.3	57.8
Grenora	28	0	52.4	16.6	58.4	71.7	41.8	56.8	57.3
Alkabo	27	0	55.5	16.3	60.4	66.3	38.4	52.3	55.0
Divide	29	0	55.3	17.2	58.0	68.1	33.0	50.5	53.0
ND Riveland	31	0	55.3	16.8	--	79.5	43.3	61.4	--
ND Grano	29	0	54.3	17.2	--	76.1	42.0	59.1	--
VT Peak	28	0	56.5	16.0	--	--	42.5	--	--
Trial Mean	28	0	54.5	16.6	58.5	74.2	41.0	--	--
C.V.%	5.6	0	1.1	3.4	3.8	6.9	10.9	--	--
LSD 5%	2	NS	0.8	0.8	3.3	7.4	6.5	--	--
LSD 10%	2	NS	0.7	0.7	2.6	6.2	5.4	--	--

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

NS = no statistical difference between varieties.

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

Previous Crop: 2014 = wheat, 2015 = soy, 2016 = wheat.

Tillage: no-till

Soil Type: Williams loam

Note: The 2017 trial sustained severe drought and moderate hail injury.