

NDSU North Central Research Extension Center
2017 Durum Variety Trial at Garrison
 Cooperator: Mike Zimmerman, Garrison

Variety	Sawfly	Plant Height	Test Weight	Protein	Grain Yield				
					2015	2016	2017	-- Average --	
	0-9*	inches	lbs/bu	%	-----bu/A-----				
Mountrail	2	21	55.9	13.4	41.1	60.1	20.7	40.4	40.6
Divide	2	22	56.1	13.7	42.1	60.4	19.1	39.8	40.5
Alkabo	4	21	57.0	13.3	34.6	61.9	19.6	40.8	38.7
Carpio	2	21	55.7	12.8	31.0	63.5	18.3	40.9	37.6
Grenora	2	18	54.6	13.9	36.3	56.8	18.3	37.5	37.1
Joppa	2	19	56.1	13.3	35.9	58.3	16.7	37.5	37.0
ND Grano	4	21	55.4	14.8	--	60.8	18.8	39.8	--
ND Riveland	3	21	56.6	14.4	--	60.0	21.4	40.7	--
VT Peak	2	21	56.0	14.3	--	--	17.2	--	--
Trial Mean	3	21	56.0	13.8	36.6	60.3	19.0	--	--
C.V.%	49	9.9	1.6	3.3	7.3	7.7	21.6	--	--
LSD 5%	NS	NS	1.3	0.7	4.0	NS	NS	--	--
LSD 10%	NS	NS	1.0	0.5	3.2	NS	NS	--	--

*Lodging caused by wheat stem sawfly: 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 = barley, 2015 = canola, 2016 = barley.

Tillage: no-till

Soil Type: Williams Bowbells loam

Note: The 2017 trial sustained severe drought and an infestation of wheat stem sawfly.

NDSU North Central Research Extension Center
2017 Durum Variety Trial at Wilton
 Cooperator: Rod Binstock, Baldwin

Variety	Plant Height	Lodging	Test Weight	Protein	Grain Yield				
					2015	2016	2017	-- Average --	
	inches	0-9*	lbs/bu	%	-----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.