

Durum Variety Trial at Mohall

Cooperators: Dean Schoenberg and the Renville/Bottineau Ag Improvement Association

Variety	Plant		Test		Grain Yield			Average	
	Height	Lodging	Weight	Protein	2014	2015	2016	2 Year	2 Year
	inches	0-9*	lbs/bu	%	-----bu/A-----				
Joppa	38	2	61.6	13.1	60.8	66.0	93.8	79.9	73.5
Carpio	40	2	62.0	13.0	60.4	64.7	88.0	76.3	71.0
Alkabo	37	0	62.2	12.9	64.4	63.3	85.1	74.2	70.9
Grenora	38	0	60.7	13.3	60.8	64.7	87.2	75.9	70.9
Mountrail	39	2	61.5	12.1	56.7	67.2	87.0	77.1	70.3
Divide	39	1	61.9	13.4	60.7	64.0	85.7	74.8	70.1
Trial Mean	39	1	61.9	13.1	60.6	64.2	88.7	--	--
C.V.%	3.1	54	0.6	6.0	5.8	3.9	4.5	--	--
LSD 5%	2	1	0.5	NS	5.5	3.7	5.8	--	--
LSD 10%	1	1	0.5	NS	4.4	3.0	4.8	--	--

*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 16.

Previous Crop: 2013 = canola, 2014 = oat, 2015 = sunflower.

Tillage: minimum till

Soil Type: Barnes loam

Durum Variety Trial at Rugby

Cooperators: Dave Teigen and the Pierce County Crop Improvement Association

Variety	Plant		Test		Grain Yield			Average	
	Height	Lodging	Weight	Protein	2014	2015	2016	2 Year	3 Year
	inches	0-9*	lbs/bu	%	-----bu/A-----				
Mountrail	39	3	59.8	13.1	46.2	73.7	76.0	74.9	65.3
Joppa	40	3	59.6	13.5	45.8	72.2	74.5	73.4	64.2
Grenora	38	2	58.9	14.1	43.9	75.6	72.9	74.2	64.1
Alkabo	39	2	60.7	13.4	40.7	76.2	71.9	74.0	62.9
Divide	41	2	60.2	14.2	43.5	71.0	69.7	70.4	61.4
Carpio	41	6	59.8	14.4	48.9	66.5	64.7	65.6	60.0
Trial Mean	40	3	60.1	13.8	44.9	71.8	73.1	--	--
C.V.%	3.0	27	0.8	2.0	5.0	4.0	3.5	--	--
LSD 5%	2	1	0.9	0.4	3.5	4.2	3.7	--	--
LSD 10%	1	1	0.6	0.3	2.8	3.4	3.1	--	--

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

Planted on April 28 with a seeding rate of 1.5 million PLS/A and harvested on August 17.

Previous Crop: 2013 = wheat, 2014 = soybean, 2015 = wheat.

Soil Type: Gardena silt loam

Tillage: Minimum Till