

Durum Variety Trial at Garrison

Cooperator: Mike Zimmerman, Garrison

Variety	Plant Height inches	Lodging 0-9*	Test		Grain Yield				
			Weight lbs/bu	Protein %	2014	2015	2016	--- Average --- 2 Year 3 Year	
Divide	31	0	61.1	11.6	44.0	42.1	60.4	51.3	48.8
Alkabo	31	0	62.0	11.4	49.3	34.6	61.9	48.3	48.6
Grenora	29	0	61.4	11.7	45.8	36.3	56.8	46.6	46.3
Mountrail	32	0	61.8	10.9	34.2	41.1	60.1	50.6	45.1
Joppa	31	0	61.9	11.1	39.9	35.9	58.3	47.1	44.7
Carpio	32	0	61.8	10.8	39.0	31.0	63.5	47.2	44.5
Trial Mean	31	0	61.8	11.6	42.0	36.6	60.3	--	--
C.V.%	4.0	0	0.6	6.7	6.1	7.3	7.7	--	--
LSD 5%	2	NS	0.5	1.1	4.0	4.0	NS	--	--
LSD 10%	2	NS	0.4	0.9	3.2	3.2	NS	--	--

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

NS = no statistical difference between varieties.

Planted on May 5 with a seeding rate of 1.5 million PLS/A and harvested on August 10.

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

Soil Type: Williams Bowbells loam

Tillage: No Till

Durum Variety Trial at Wilton

Cooperator: Rod Binstock, Baldwin

Variety	Plant Height inches	Lodging 0-9*	Test		Grain Yield				
			Weight lbs/bu	Protein %	2014	2015	2016	---- Average ---- 2 Year 2 Year	
Mountrail	29	0	60.7	14.7	80.8	63.8	72.2	68.0	72.3
Joppa	31	0	61.2	13.6	80.7	58.1	77.3	67.7	72.0
Grenora	29	0	60.0	13.9	78.6	58.4	71.7	65.0	69.6
Alkabo	29	0	60.4	13.5	81.6	60.4	66.3	63.4	69.4
Carpio	31	0	60.9	13.4	77.4	52.8	77.0	64.9	69.1
Divide	31	0	60.5	14.2	78.1	58.0	68.1	63.0	68.1
Trial Mean	30	0	60.8	13.9	79.5	58.5	74.2	--	--
C.V.%	3.9	600	0.5	2.9	5.8	3.8	6.9	--	--
LSD 5%	2	NS	0.5	0.6	NS	3.3	7.4	--	--
LSD 10%	1	NS	0.4	0.5	NS	2.6	6.2	--	--

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

NS = no statistical difference between varieties.

Planted on May 5 with a seeding rate of 1.5 million PLS/A and harvested on August 15.

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

Tillage: No-till

Soil Type: Williams loam