

2021 Durum Variety Trial at Minot

Variety	Days to Head	Plant Height	Test Weight	Protein	Grain Yield				
					2019	2020	2021*	Average*	
	DAP ¹	inches	lbs/bu	%	-----bu/A-----				
ND Stanley	55	11	60.1	16.4	43.9	78.0	10.8	66.6	68.8
ND Grano	55	12	60.5	15.9	50.9	66.8	13.3	58.9	68.1
Mountrail	54	11	58.6	16.0	55.3	70.0	10.5	62.6	68.0
Joppa	55	14	59.0	15.6	46.0	68.5	14.7	57.3	66.8
Carpio	57	14	57.9	15.8	52.4	60.8	13.6	56.6	65.1
VT Peak	54	14	61.2	16.0	47.9	64.5	16.6	56.2	64.8
Tioga	55	14	59.9	15.8	47.3	66.2	16.2	56.8	63.5
Lebsock	54	15	60.1	15.5	41.6	65.2	16.1	53.4	62.9
Divide	54	13	59.8	15.7	56.7	54.2	12.2	55.4	62.3
ND Riveland	55	14	59.3	15.8	36.5	67.7	15.9	52.1	61.6
Pierce	55	13	58.9	16.0	41.7	67.7	10.6	54.7	60.7
Grenora	53	14	59.5	14.7	44.2	68.4	18.1	56.3	59.9
Ben	56	14	59.5	16.5	49.1	54.0	12.5	51.6	59.3
Strongfield	54	16	58.8	17.1	48.5	63.4	12.3	56.0	59.2
Maier	55	11	58.3	17.4	43.0	63.1	9.5	53.0	58.9
Alkabo	55	14	59.9	14.8	40.3	64.2	15.1	52.2	58.3
TCG Bright	56	13	59.3	16.2	50.2	53.0	9.4	51.6	57.7
Rugby	54	14	59.2	16.3	30.4	61.6	11.2	46.0	56.7
AC Commander	55	10	58.9	17.2	45.7	65.3	9.3	55.5	56.6
CDC Verona	56	15	59.8	16.0	44.5	53.3	19.4	48.9	55.2
TCG Webster	52	10	58.9	15.1	37.0	53.5	8.0	45.2	53.9
Normanno	53	11	57.5	15.1	35.7	57.7	11.3	46.7	51.1
Alzada	52	13	58.8	15.6	35.3	44.7	12.8	40.0	46.1
AAC Stronghold	56	12	60.2	16.7	--	64.8	16.5	--	--
AAC Spitfire	58	11	57.2	17.8	--	--	6.8	--	--
AAC Grainland	56	10	58.2	17.1	--	--	13.9	--	--
CDC Defy	57	12	60.1	16.4	--	--	9.3	--	--
Trial Mean	56	13	59.2	16.1	44.6	65.6	13.7	--	--
C.V.%	2.7	22.7	1.9	5.2	13.2	6.7	50.4	--	--
LSD 5%	2	NS	1.8	1.4	9.5	7.1	NS	--	--
LSD 10%	2	NS	1.5	1.1	8.0	6.0	NS	--	--

¹ DAP = Days after planting.

NS = no statistical difference between varieties.

No-till planted on April 28 with a seeding rate of 1.5 million PLS/A and harvested on August 5.

Previous Crop: 2018 & 2019 = soybean, 2020 = chickpea.

Soil Type: Williams Loam

***Note: The 2021 trial sustained extreme heat and moisture stress. This data is unreliable and should be viewed with caution. 2 and 3 year average yields do not include 2021 data.**