

2021 Durum Variety Trial at Minot

Variety	Days	Plant Height	Test Weight	Protein	Grain Yield				
	to Head				2019	2020	2021	Average	
	DAP ¹	inches	lbs/bu	%	bu/A				
					2019	2020	2021	2 year	3 year
Mountrail	54	11	58.6	16.0	55.3	70.0	10.5	40.2	45.3
ND Stanley	55	11	60.1	16.4	43.9	78.0	10.8	44.4	44.2
ND Grano	55	12	60.5	15.9	50.9	66.8	13.3	40.1	43.7
Grenora	53	14	59.5	14.7	44.2	68.4	18.1	43.2	43.6
Tioga	55	14	59.9	15.8	47.3	66.2	16.2	41.2	43.2
Joppa	55	14	59.0	15.6	46.0	68.5	14.7	41.6	43.1
VT Peak	54	14	61.2	16.0	47.9	64.5	16.6	40.6	43.0
Carpio	57	14	57.9	15.8	52.4	60.8	13.6	37.2	42.3
Strongfield	54	16	58.8	17.1	48.5	63.4	12.3	37.8	41.4
Divide	54	13	59.8	15.7	56.7	54.2	12.2	33.2	41.0
Lebsock	54	15	60.1	15.5	41.6	65.2	16.1	40.7	41.0
AC Commander	55	10	58.9	17.2	45.7	65.3	9.3	37.3	40.1
ND Riveland	55	14	59.3	15.8	36.5	67.7	15.9	41.8	40.0
Pierce	55	13	58.9	16.0	41.7	67.7	10.6	39.2	40.0
Alkabo	55	14	59.9	14.8	40.3	64.2	15.1	39.7	39.9
CDC Verona	56	15	59.8	16.0	44.5	53.3	19.4	36.4	39.1
Ben	56	14	59.5	16.5	49.1	54.0	12.5	33.3	38.5
Maier	55	11	58.3	17.4	43.0	63.1	9.5	36.3	38.5
TCG Bright	56	13	59.3	16.2	50.2	53.0	9.4	31.2	37.5
Normanno	53	11	57.5	15.1	35.7	57.7	11.3	34.5	34.9
Rugby	54	14	59.2	16.3	30.4	61.6	11.2	36.4	34.4
TCG Webster	52	10	58.9	15.1	37.0	53.5	8.0	30.8	32.8
Alzada	52	13	58.8	15.6	35.3	44.7	12.8	28.7	30.9
AAC Stronghold	56	12	60.2	16.7	--	64.8	16.5	40.7	--
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 drought (5" total precip)