

**2021 Durum Variety Trial at Minot**

North Central Research Extension Center

Variety	Days to Head DAP <sup>1</sup>	Plant Height inches	Test Weight lbs/bu	Protein %	Grain Yield				
					2019	2020	2021*	--- Average* ---	
								2 year	3 year
ND Stanley	55	11	60.1	16.4	43.9	78.0	<b>10.8</b>	66.6	68.8
ND Grano	55	12	60.5	15.9	50.9	66.8	<b>13.3</b>	58.9	68.1
Mountrail	54	11	58.6	16.0	55.3	70.0	<b>10.5</b>	62.6	68.0
Joppa	55	14	59.0	15.6	46.0	68.5	<b>14.7</b>	57.3	66.8
Carpio	57	14	57.9	15.8	52.4	60.8	<b>13.6</b>	56.6	65.1
VT Peak	54	14	61.2	16.0	47.9	64.5	<b>16.6</b>	56.2	64.8
Tioga	55	14	59.9	15.8	47.3	66.2	<b>16.2</b>	56.8	63.5
Lebsock	54	15	60.1	15.5	41.6	65.2	<b>16.1</b>	53.4	62.9
Divide	54	13	59.8	15.7	56.7	54.2	<b>12.2</b>	55.4	62.3
ND Riveland	55	14	59.3	15.8	36.5	67.7	<b>15.9</b>	52.1	61.6
Pierce	55	13	58.9	16.0	41.7	67.7	<b>10.6</b>	54.7	60.7
Grenora	53	14	59.5	14.7	44.2	68.4	<b>18.1</b>	56.3	59.9
Ben	56	14	59.5	16.5	49.1	54.0	<b>12.5</b>	51.6	59.3
Strongfield	54	16	58.8	17.1	48.5	63.4	<b>12.3</b>	56.0	59.2
Maier	55	11	58.3	17.4	43.0	63.1	<b>9.5</b>	53.0	58.9
Alkabo	55	14	59.9	14.8	40.3	64.2	<b>15.1</b>	52.2	58.3
TCG Bright	56	13	59.3	16.2	50.2	53.0	<b>9.4</b>	51.6	57.7
Rugby	54	14	59.2	16.3	30.4	61.6	<b>11.2</b>	46.0	56.7
AC Commander	55	10	58.9	17.2	45.7	65.3	<b>9.3</b>	55.5	56.6
CDC Verona	56	15	59.8	16.0	44.5	53.3	<b>19.4</b>	48.9	55.2
TCG Webster	52	10	58.9	15.1	37.0	53.5	<b>8.0</b>	45.2	53.9
Normanno	53	11	57.5	15.1	35.7	57.7	<b>11.3</b>	46.7	51.1
Alzada	52	13	58.8	15.6	35.3	44.7	<b>12.8</b>	40.0	46.1
AAC Stronghold	56	12	60.2	16.7	--	64.8	<b>16.5</b>	--	--
AAC Spitfire	58	11	57.2	17.8	--	--	<b>6.8</b>	--	--
AAC Grainland	56	10	58.2	17.1	--	--	<b>13.9</b>	--	--
CDC Defy	57	12	60.1	16.4	--	--	<b>9.3</b>	--	--
Trial Mean	56	13	59.2	16.1	44.6	65.6	<b>13.7</b>	--	--
C.V.%	2.7	22.7	1.9	5.2	13.2	6.7	<b>50.4</b>	--	--
LSD 5%	2	NS	1.8	1.4	9.5	7.1	<b>NS</b>	--	--
LSD 10%	2	NS	1.5	1.1	8.0	6.0	<b>NS</b>	--	--

<sup>1</sup>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.**