

Minot Chickpea Variety Trial

Design: RCB with four replicates

Planting Date: May 3 Harvest Date: September 26

Planting Rate: 175K PLS/acre

Fertility: Granular inoculant placed with seed

Weed Control: 2.5 pt/acre Prowl H20 + 3 oz/acre Spartan + 32 oz/acre Gly-Star+ PRE on April 16, 6 oz/acre Volunteer on June 13

Fungicide Applications: 1.5 pt/acre Bravo Weatherstick on June 18, 5 oz/acre Proline on June 27, 6 oz/acre Endura on July 9

Variety	Days	Plant			1000	Seed Sizing				Protein	Seeds/ Pound	Test Weight	Seed Yield
	to Flower	Height Index	Canopy Height	Lodging	Seed Weight	>10mm	>9mm	>8mm	<8mm				
	DAP		cm		g			%				lb/bu	lb/A
B-90	55	0.4	30	6	247	0.0	0.0	0.9	99.1	22.7	1842	49.8	2493
CDC ANNA	53	0.7	46	4	193	0.0	0.0	0.8	99.2	22.6	2359	49.5	3025
CDC FRONTIER	54	0.5	42	5	328	0.0	7.9	41.8	49.5	23.2	1396	54.5	2423
CDC LUNA	53	0.8	54	3	342	0.8	16.0	42.4	41.0	22.3	1329	54.6	2246
DYLAN	49	0.5	32	6	425	26.4	28.7	19.6	25.3	27.5	1134	50.1	904
SAWYER	50	0.5	30	6	374	6.5	14.1	35.4	43.9	25.3	1227	56.3	2343
SIERRA	53	0.4	32	5	415	13.9	32.0	27.3	26.8	25.6	1095	52.7	1600
TROY	56	0.4	37	5	371	18.2	24.8	24.9	32.3	27.4	1233	52.4	679
TRIAL MEAN	53	0.5	39	5	337	8.2	15.4	24.1	52.1	24.6	1452	52.5	1964
CV	1.5	14.8	16.1	20.2	13.5	58.8	20.7	11.0	13.0	3.7	8.8	3.2	19.9
LSD (0.05)	1	0.1	7	1	56	5.9	3.9	3.3	8.3	1.1	157	2.1	478