

**NDSU Carrington Research Extension Center
2014 Variety Trial Data**

Chickpea											Carrington		
Variety	Market Type	Days to Bloom	Days to PM	Plant Height inch	Ascochyta Disease ¹ %	----- Seed Size ² -----				Test Weight lb/bu	----- Seed Yield -----		
						> 10 mm	> 9 mm	> 8 mm	> 7 mm		2014	2-yr. Avg.	3-yr. Avg.
B-90	Small Kabuli	58.8	96.5	21.4	10.0	0.5	7.8	32.1	43.4	59.6	2448	3150.2	2982.3
CDC Alma	Kabuli	55.5	96.8	19.3	18.8	6.5	31.4	35.7	14.6	60.4	2048	3097.4	--
CDC Anna	Desi	57.8	97.3	19.4	16.5	0.0	2.1	12.9	60.1	58.8	3263	3486.3	3318.7
CDC Frontier	Kabuli	59.0	101.0	21.9	12.5	3.9	30.1	41.1	16.3	60.9	3285	3954.2	3660.8
CDC Luna	Kabuli	56.0	101.0	18.9	5.0	5.4	33.0	35.8	15.9	60.9	2338	3128.0	3007.0
CDC Orion	Kabuli	53.3	92.5	18.0	30.0	21.2	35.4	24.1	11.5	59.7	2482	3401.7	--
Dylan	Kabuli	56.3	88.0	20.4	77.5	7.9	11.8	17.6	24.1	57.0	524	1447.0	1769.4
Sawyer	Kabuli	58.0	95.5	19.3	25.0	14.2	25.6	26.3	20.3	59.3	1367	2301.4	2445.7
Sierra	Kabuli	60.3	91.0	20.7	70.0	25.2	28.2	19.7	10.7	58.0	760	1882.9	1948.9
MEAN		57.3	96.6	20.6	23.9	14.7	26.6	25.3	19.8	60.2	2324	--	--
C.V. (%)		2.7	3.0	5.6	61.9	35.8	24.9	22.0	46.6	1.1	20.1	--	--
LSD 0.10		1.8	3.5	1.4	17.7	6.3	7.9	6.7	2.7	0.8	559	--	--
LSD 0.05		2.2	4.2	1.7	21.3	7.6	9.5	8.0	3.3	0.9	671	--	--

Planting Date = May 2 ; Harvest Date = September 15 ; Previous Crop = Spring Wheat

¹ Ascochyta disease notes recorded August 16. The data reflect the relative percentage of the chickpea canopy that was infected by ascochyta.

² The seed size data as reported reflect the % of the seed sample remaining on top of the respective sieves stacked in sequence. For example to determine the overall percentage of the sample that would have seeds > 9 mm you would add both the seed > 9 mm and > 10 mm.