

**NDSU Carrington Research Extension Center
2009 Variety Trial Data**

Chickpea	Carrington
-----------------	-------------------

Variety	Market Type	Leaf Type	Days to Flower	Plant Height inch	Plant Lodge 0 to 9	Ascochyta		----- Seed Size ¹ -----				100 KWT gram	Seeds / Pound	Test Weight lb/bu	--- Seed Yield ---	
						Early %	Late %	> 10 mm %	> 9 mm %	> 8 mm %	> 7 mm %				2009	Avg.
Amit (B-90)	Small Kabuli	Compound	47.5	18.7	0.0	2	8	0.1	0.2	11.3	70.1	23.4	1938	62.6	3847	--
CDC Anna	Desi	Compound	45.0	18.3	0.5	7	53	0.4	6.4	39.6	36.8	19.4	2349	62.4	3408	2274.0
CDC Frontier	Small Kabuli	Compound	46.0	16.8	0.0	3	11	9.5	42.7	35.4	9.1	33.9	1351	62.7	4007	2781.0
CDC Luna	Large Kabuli	Compound	43.8	15.6	0.0	9	47	18.9	39.7	25.4	10.7	33.8	1358	61.9	3018	--
Dylan	Large Kabuli	Compound	42.8	19.9	2.0	26	94	36.0	28.5	18.3	10.3	32.4	1414	58.1	755	608.7
HB14	Med. Kabuli	Compound	45.5	26.0	0.5	29	94	22.4	20.9	15.5	9.3	25.7	1778	61.2	911	--
HB19	Large Kabuli	Compound	44.8	20.1	0.8	19	89	38.9	28.3	16.3	9.1	37.7	1274	60.3	1569	--
Sawyer	Med. Kabuli	Simple	44.8	17.5	0.0	9	69	32.8	46.2	15.2	3.9	41.9	1094	62.5	3021	--
Sierra	Med. Kabuli	Simple	46.5	20.0	0.0	10	89	38.1	19.0	9.0	4.2	40.8	1124	61.0	1891	825.3
Troy	Large Kabuli	Compound	48.0	21.1	2.3	19	84	24.6	22.5	13.8	8.2	31.8	1446	59.1	685	667.7
MEAN			45.5	19.4	0.6	13.0	63.6	22.2	25.4	20.0	17.2	32.0	1518	61.2	2359	--
C.V. (%)			1.4	10.1	166	65.6	22.3	65.4	35.6	68.9	43.0	12.1	10.2	1.4	14.6	--
LSD 0.05			0.9	2.8	1.4	12.3	20.6	21.0	13.1	NS	10.7	5.6	226	1.3	501	--

Planting Date = May 21 ; Harvest Date = September 24 ; Previous Crop = Spring Wheat

* The trial was sprayed one time after initial bloom to suppress the severity of ascochyta infection.

¹ The seed size data as reported reflect the % of the seed sample remaining on top of the sieves stacked in series. Example: The percentage of the seed of Sawyer that is larger than 9mm would be 79%, {32.8%>10mm +46.2%>9mm}.