

**NDSU Carrington Research Extension Center
2008 Variety Trial Data**

Chickpea	Carrington
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Variety*	Market Type	Days to Flower	----- Seed Size ¹ -----				100 KWT	Seeds / Pound	Test Weight	--- Seed Yield ---	
			> 10 mm %	> 9 mm %	> 8 mm %	> 7 mm %				2008	3-yr. Avg.
Amit (B-90)	Small Kabuli	59.5	0.5	3.7	29.0	53.7	24.4	1859	58.9	2093	--
CDC Anna	Desi	59.8	0.0	2.1	13.7	51.5	17.9	2582	57.4	1443	
CDC Frontier	Kabuli	60.3	5.6	42.3	37.6	11.7	34.5	1321	61.2	2382	2609.0
Dylan	Kabuli	61.8	2.7	3.5	7.7	9.0	14.5	7560	na	23	1325.3
HB14	Kabuli	62.3	0.0	0.0	0.0	0.0	0.0	na	na	0	--
HB19	Kabuli	60.8	5.1	14.1	10.8	7.6	29.9	1522	na	114	--
Sierra	Kabuli	63.0	1.6	4.2	6.0	4.6	17.9	3540	na	18	1084.3
Troy	Kabuli	61.8	2.6	6.6	5.1	4.9	21.1	3264	na	19	1206.7
MEAN		61.1	3.9	12.4	17.2	21.5	23.3	3390	59.1	782.4	--
C.V.%		1.1	76.6	45.5	41.4	20.0	34.2	123	1.0	43.6	--
LSD.05		1.0	NS	8.3	10.6	6.4	11.7	NS	1.0	502	--

Planting Date = May 7 ; Harvest Date = September 25 ; Previous Crop = Spring Wheat

¹ The seed size data as reported reflect the % of the seed sample remaining on top of the sieves stacked in series.

* The chickpea plants became infected with ascochyta blight on June 28-29. Disease progressed aggressively for the following 4 weeks. The trial was sprayed two times, at 14 day intervals, to suppress the severity of ascochyta infection. Ascochyta infections were not adequately controlled in the more susceptible varieties with the fungicide regime applied. The values listed as "na" did not have sufficient sample size to determine trait.