

Chickpea Variety Trial											WREC, Williston - 2015			
Variety	Stand %	Days to Flower DAP <sup>1</sup>	Days to Mature DAP <sup>1</sup>	Plant Height inches	Protein % 2015	Seed Size %				1000 Seed Weight g	Test Weight lb/bu	Yield lb/a		
						<8mm	8-9mm	9-10mm	>10mm			2015	2yr avg	3yr avg
<b>Large Kabuli</b>														
CDC FRONTIER	89	55	100	14	19.4	59	38	3	0	374	62.0	2094	2198	2023
CDC ORION	75	53	101	12	16.4	19	51	29	2	443	60.1	1951	1878	1955
CDC ALMA	88	55	97	12	18.3	38	53	9	0	404	62.6	2243	2025	1950
CDC LUNA	84	54	96	11	18.2	33	52	15	1	406	61.3	1879	1820	1788
SAWYER	80	54	97	16	19.2	29	43	27	2	451	62.1	1758	1757	1673
SIERRA	81	55	99	14	18.4	9	32	45	15	499	60.5	1527	1456	1437
<b>Small Kabuli</b>														
B-90	80	59	101	13	18.7	100	1	0	0	255	62.1	1739	1804	1808
<b>Desi</b>														
CDC ANNA	86	53	94	14	18.8	100	0	0	0	206	61.0	2113	2051	1864
Mean	84.2	54.4	100.3	13.7	18.43	26.9	35.7	30.4	7.1	455.1	60.87	1800.7	-	-
C.V.%	5.5	2.6	1.9	11.7	6.1	13.7	11.0	13.7	52.6	3.6	0.9	10.1	-	-
LSD 5%	6.5	2.0	2.7	2.3	1.4	5.2	5.5	5.9	5.3	23.1	0.82	257.72	-	-
LSD 10%	5.5	1.7	2.2	1.9	1.1	4.3	4.6	4.9	4.4	19.3	0.68	215.25	-	-

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft

Planted: 5/1/15

Harvested: 9/15/15

Harvested area: 56 ft<sup>2</sup>

Previous crop: spring wheat

Applied fertilizer in lb/a: none, but inoculated with granular inoculant at planting

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: 37P:430K OM-1.9 pH-6.0

Soil test to 24" in lb/a: 78N

Chemical Applications: Valoe at 3fl.oz/A (preplant fall applied), Spartan Charge at 2.75fl.oz/A (preplant spring applied), Intensity at 8fl.oz/A with Trophy Gold NIS at

DAP<sup>1</sup> = Days after planting