

2007 Chickpea Variety Trial – Continuously Cropped - No-till

Hettinger

Variety	Days to Bloom	Duration of Bloom	Days to Mature	Plant Height	Disease	1000 Seed wt.	Test Weight	Seed Size (mm)			Seed Yield				
		days		inches	0 – 9*	grams	lbs/bu	>9	8-9	<8	2005	2006	2007	2 yr	3 yr
----- pounds per acre -----															
Large Kaboli Types															
Dylan	55	8	87	12	1.0	545	50.6	30	38	32	2492	1634	1576	1605	1901
Sierra	56	7	87	15	5.0	545	55.4	25	42	33	2399	1550	1726	1638	1892
Troy	56	7	89	14	1.8	580	56.0	43	31	26		980	1874	1427	
CDC Xena	54	12	87	14	5.5	525	53.9	19	39	42			1972		
Small Kaboli Type															
CDC Frontier	55	10	86	15	1.0	294	56.1	--	--	--			2599		
Desi Type															
CDC Anna	54	11	87	13	1.0	171	50.2	--	--	--			2569		
Trial Mean	55	9	87	14	2.5	469	53.2	30	36	34	2864	1652	1984	--	--
C.V. %	0.5	6.2	1.4	10.3	42.3	6.4	3.4	17.7	16.9	18.1	7.2	6.8	9.7	--	--
LSD .05	1	1	2	NS	1.6	45	2.6	8	9	9	311	168	283	--	--
LSD .01	1	1	2	NS	2.1	61	3.6	11	13	13	430	233	385	--	--

* Disease (ascochyta blight): 0 = no disease, 9 = plants completely dead.

Planting Date: April 30, 2007

Harvest Date: August 8, 2007

Seeding Rate: 175,000 live seeds / acre.

Previous Crop: 2004 & 2005 = barley, 2006 = hrsw.

NS = no statistical difference between varieties.