

**2009 Clearfield Lentil Variety Trial – Continuously Cropped - No-till Hettinger**

Variety	Days to Bloom	Plant Ht.	1000 Seed wt.	Test Weight	---- Seed Yield ----			Average Yield	
	*	inches	grams	lbs/bu	2007	2008	2009	2 yr	3 yr
----- pounds per acre -----									
<b>Large Green Type</b>									
CDC Improve	83	14	54	58.6	1469	985	1918	1452	1457
<b>Medium Green Type</b>									
CDC Impress	82	15	46	60.8		1364	2249	1806	
<b>Small Red Types</b>									
CDC Impact	82	12	32	61.6	1120	537	1645	1091	1101
CDC Maxim	83	12	38	61.3		1227	2234	1730	
<b>Extra Small Red Types</b>									
CDC Imperial	82	12	28	63.2	647	758	2035	1396	1147
CDC Impala	87	12	26	62.3		729	1939	1334	
Trial Mean	83	13	37	61.3	1130	1056	2003	--	--
C.V. %	0.8	7.3	--	0.8	12.5	13.2	9.9	--	--
LSD .05	1	1	--	0.7	232	197	299	--	--
LSD .01	1	2	--	1.0	309	262	414	--	--

\* Days to Bloom = the number of days from planting to 10% flowering.

Planting Date: May 11, 2009

Harvest Date: September 1, 2009

Seeding Rate: 550,000 live seeds / acre.

Previous Crop: 2006, 2007 & 2008 = hrsw.

Note: The 2008 trial sustained severe late season heat and moisture stress. The 2009 trial sustained moderate hail damage on June 22 and 24.