

2009 Lentil Variety Trial – Continuously Cropped - No-till

Hettinger

Variety	Days to Bloom	Plant Ht.	Lodging	1000 Seed wt.	Test Weight	---- Seed Yield ----			Average Yield	
	*	inches	0-9**	grams	lbs/bu	2007	2008	2009	2 yr	3 yr
						----- pounds per acre -----				
Large Green Types										
Pennell	59	12	2.0	44	57.3	1494	1095	1530	1312	1374
Riveland	55	13	5.0	48	56.8	1095	1098	1186	1142	1126
CDC Greenland	57	13	3.2	40	57.1		1315	1724	1520	
Medium Green Types										
CDC Richlea	57	14	1.8	38	59.9	1742	1355	1434	1394	1510
Shasta	55	14	1.8	40	57.7	1021	906	1153	1030	1027
Small Green Type										
CDC Viceroy	58	13	3.5	26	62.2	1693	1295	1822	1558	1603
Small French Green Type										
CDC LeMay	57	11	5.5	30	62.3	1319	1294	1424	1359	1346
Medium Red Types										
Cedar	54	14	3.5	36	55.7	1145	816	1015	916	992
CDC Red River	58	14	1.8	46	59.1			1782		
Small Red Types										
CDC Rouleau	58	13	2.8	30	59.9	1195	1247	1822	1534	1421
Crimson	56	12	4.0	28	62.4	1046	939	1673	1306	1219
CDC Redberry	57	14	1.2	34	60.8			1592		
Extra Small Red Type										
CDC Rosetown	56	13	2.0	24	62.3		851	1749	1300	
Trial Mean	56	13	3.4	36	59.5	1130	1056	1512	--	--
C.V. %	1.4	11.4	43	--	1.2	12.5	13.2	11.9	--	--
LSD .05	1	1	2.1	--	1.1	232	197	257	--	--
LSD .01	2	2	2.7	--	1.4	309	262	344	--	--

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

** Lodging: 0 = none, 9 = lying flat on ground.

Planting Date: May 6, 2009

Harvest Date: August 26, 2009

Seeding Rate: 550,000 live seeds / acre.

Previous Crop: 2006, 2007 & 2008 = hrsw.

Note: The 2009 trial sustained moderate hail damage on June 22 and 24.