

2011 Lentil Variety Trial at Hettinger

Variety	Days to Bloom	Days to Mature	Plant Height	Lodging	1000 Seed wt.	Test Weight	----- 2009	Seed Yield 2010	----- 2011	Avg. Yield	
	*	*	inches	0 - 9**	grams	lbs/bu				2 year	3 year
----- pounds per acre -----											
Large Green Types											
Pennell	60	84	11	3.2	64.6	60.8	1530	1128	1551	1340	1403
CDC Greenland	62	87	11	5.5	57.8	62.6	1724	872	1254	1063	1283
Riveland	60	87	10	6.2	66.4	61.3	1186	743	1010	876	980
Medium Green Type											
CDC Richlea	62	86	11	6.5	51.6	64.1	1434	1154	1463	1308	1350
Small Green Types											
CDC Viceroy	62	85	11	3.2	31.0	66.9	1822	1446	1710	1578	1659
Essex	62	87	10	7.2	39.0	65.5			1252		
Small French Green Type											
CDC Lemay	60	84	9	5.8	30.6	67.4	1424	1570	1140	1355	1378
Medium Red Type											
CDC Red Rider	61	85	11	4.2	43.8	65.9	1782	1663	1984	1824	1810
Small Red Types											
CDC Rouleau	61	86	10	1.0	41.4	66.7	1822	1749	1656	1702	1742
CDC Redberry	60	86	12	0.0	43.6	66.5	1592	1390	1870	1630	1617
Extra Small Red Type											
CDC Rosetown	62	84	10	5.2	27.2	68.0	1749	1498	1711	1604	1653
Spanish Brown Type											
Morena	62	87	11	2.2	32.6	68.9			1260		
Trial Mean	61	85	10	5.1	40.8	65.6	1512	1321	1484	--	--
C.V. %	1.4	1.1	9.5	32	6	1.3	11.9	11.8	6.9	--	--
LSD 5%	1	1	1	2.3	3.4	1.2	257	226	144	--	--
LSD 1%	2	2	2	3.1	4.5	1.6	344	305	192	--	--

* Days to Bloom & Mature = the number of days from planting to 10% bloom and physiological maturity.

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

Planting Date: May 3

Harvest Date: August 11

Seeding Rate: 550,000 live seeds / Acre.

Previous Crop: 2008 = durum, 2009 & 2010 = HRSW.