

Variety	Days	Bloom	Seeds	Plant	Test	Protein	----Grain Yield----		Returns ¹	Average
	to						Duration	per		
	Bloom		Pound	in	lbs/bu	%	-----lbs/ac-----		\$/ac	---lbs/ac---
Large Green Types										
CDC Greenland	69	21	7,251	12	58.9	24.4	2,006	1,616	75.55	1,811
Pennell	74	17	6,565	12	55.9	25.9	2,239	1,708	91.14	1,974
Riveland	65	25	6,647	13	57.0	25.3	2,043	1,430	43.94	1,737
Medium Green Type										
CDC Richlea	68	22	8,453	12	59.8	23.5	2,292	1,907	124.95	2,099
Small Green Type										
CDC Viceroy	71	19	13,893	11	63.0	25.6	2,364	1,736	95.95	2,050
Essex	67	23	10,385	12	61.3	24.9	--	1,730	94.88	--
Small French Green Type										
CDC Lemay	68	21	13,896	12	62.6	24.5	2,084	1,627	77.37	1,855
Medium Red Type										
CDC Red Rider	66	25	9,950	12	61.9	24.0	2,501	1,899	123.68	2,200
Small Red Types										
CDC Redberry	68	22	9,940	11	61.9	24.0	2,220	1,856	116.24	2,038
CDC Rouleau	69	21	11,426	12	61.3	24.0	2,135	1,780	103.30	1,957
Extra Small Red Type										
CDC Rosetown	73	18	15,039	13	62.9	25.8	2,375	1,738	96.16	2,056
Spanish Brown Type										
Morena	65	24	11,410	12	62.9	25.7	--	1,752	98.60	--
Trial Mean	68	22	11,004	12	61.0	25.1	2,226	1,706	90.73	--
CV %	1.8	5.6	2.5	8.7	0.8	1.8	--	10	--	--
LSD 0.10	1	1	329	NS	0.5	0.5	--	198	--	--

Planting Date: April 4, 2012

Harvest Date: July 26, 2012

Previous Crop: Oat

Seeding Rate: 600,000 live seeds/ac

Grain protein percentages reported on a 0% moisture basis

¹Returns were calculated by multiplying the 2012 yield by the average price for lentils (\$.17/lb) listed on the Northern Pulse Growers Association web site (<http://northernpulse.com/>) on August 14, 2012. Returns also deduct \$199.22, the sum of all listed costs from the December 2011 Farm Management Planning Guide Projected 2012 Crop Budgets South West North Dakota for Lentil.