

Variety	Days to Bloom	Bloom Duration	Seeds per Pound	Test Weight lbs/bu	Protein %	----Grain Yield----			Returns ¹ \$/ac	Average Yield	
						2011	2012	2013		2	3
						-----lbs/ac-----			---lbs/ac---		
Large Green Types											
CDC Greenland	53	21	6,675	61.0	21.5	2,006	1,616	1,743	108.00	1,679	1,788
Pennell	54	20	6,515	59.4	22.7	2,239	1,708	1,548	73.22	1,628	1,832
Riveland	52	18	5,970	60.4	21.3	2,043	1,430	1,451	55.97	1,441	1,641
Medium Green Type											
CDC Richlea	53	18	8,699	62.3	20.4	2,292	1,907	1,872	131.11	1,889	2,024
Small Green Type											
CDC Viceroy	54	19	14,684	64.0	24.0	2,364	1,736	1,920	139.71	1,828	2,007
Essex	53	21	9,723	64.1	20.8	--	1,730	2,010	155.88	1,870	--
Small French Green Type											
CDC Lemay	54	21	14,159	63.5	21.7	2,084	1,627	1,571	77.43	1,599	1,761
Medium Red Type											
CDC Red Rider	53	21	10,237	63.5	21.6	2,501	1,899	1,837	124.86	1,868	2,079
Small Red Types											
CDC Redberry	54	20	10,797	63.4	22.6	2,220	1,856	1,567	76.63	1,711	1,881
CDC Rouleau	54	19	11,857	62.6	20.7	2,135	1,780	1,755	110.24	1,767	1,890
Extra Small Red Type											
CDC Rosetown	53	22	15,974	64.5	23.9	2,375	1,738	1,725	104.94	1,731	1,946
Spanish Brown Type											
Morena	52	18	11,067	63.8	22.0	--	1,752	1,833	124.22	1,793	--
Trial Mean	53	20	10,962	63.0	22.2	2,226	1,706	1,673	95.51	--	--
CV %	1.4	7.4	2.4	0.8	1.5	--	10	13	--	--	--
LSD 0.10	1	2	318	0.6	0.4	--	198	268	--	--	--

Planting Date: May 3, 2013

Harvest Date: August 5, 2013

Previous Crop: Barley

Seeding Rate: 600,000 live seeds/ac

Grain protein percentages reported on a 0% moisture basis

¹Returns were calculated by multiplying the 2013 yield by the average price for lentils (\$17.87/cwt) listed on the Northern Pulse Growers Association web site (<http://northernpulse.com/>) on September 17, 2013. Returns also deduct \$203.38, the sum of all listed costs from the December 2012 Farm Management Planning Guide Projected 2013 Crop Budgets South West North Dakota for Lentil.