

**NDSU Carrington Research Extension Center
2010 Variety Trial Data**

Lentil	Carrington
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Variety	Seed Coat Color	Market Type	Days to Bloom	Days to PM	Plant Height ¹ inch	Plant Height ² inch	Pod Height inch	Harvest Ease ³ 1 to 9	Plant Disease ⁴ 0 to 9	1000 KWT gram	Seeds / Pound	Test Weight lb/bu	---- Seed Yield ---	
													2010 lb/ac	3-yr. Avg. lb/ac
CDC GREENLAND	Green	Large	56.0	96.0	19.8	10.8	6.6	3.8	0.3	64.0	7,102	56.9	3178	2701.0
	French													
CDC LEMAY	Green	Small	55.8	91.5	15.1	10.9	6.4	3.8	4.8	32.1	14,196	61.7	3034	2209.0
CDC RED RIDER	Red		56.5	94.8	17.1	14.2	7.6	1.8	1.0	40.9	11,105	61.0	3228	
CDC REDBERRY	Red	Small	54.5	94.0	16.6	16.3	10.9	1.0	0.5	42.7	10,629	61.7	3702	2946.7
CDC RICHLEA	Green	Medium	54.5	94.8	17.1	11.7	6.5	4.0	1.3	50.3	9,051	58.9	3515	2798.7
CDC ROSETOWN	Red	Extra	55.8	94.3	16.6	15.4	10.6	1.5	1.3	28.7	15,808	62.5	3522	2672.7
CDC ROULEAU	Red	Small	55.0	93.3	16.4	13.2	8.7	2.3	3.5	34.5	13,170	61.4	3153	2608.7
CDC VICEROY	Green	Small	56.3	92.8	17.1	15.4	10.5	2.5	2.3	31.7	14,347	62.2	3741	2794.0
PENNELL	Green	Large	55.3	91.5	14.6	8.9	7.6	5.8	7.5	62.5	7,265	55.9	2210	2008.7
RIVELAND	Green	Large	54.3	94.0	17.8	8.6	4.8	6.5	2.3	64.3	7,064	55.3	2384	2032.7
	MEAN		55.4	93.7	16.8	12.5	8.0	3.3	2.5	45.2	10,974	59.7	3167	--
	C.V. (%)		1.3	0.9	9.2	15.3	23.8	25.9	26.8	3.4	3.4	0.7	9.9	--
	LSD 0.05		1.0	1.3	2.3	2.8	2.8	1.2	1.0	2.2	538	0.6	457	--

Planting Date = April 28 ; Harvest Date = August 13 ; Previous Crop = Spring Wheat

¹ Plant Height represents that height of the top of the plant canopy at the time when flowering was nearly complete.

² Plant Height represents that height of the top of the plant canopy at the time of crop at physiological maturity.

³ Harvest Ease represents the ability or ease to run a cutter bar/header under the lowest pods at harvest. 1 = Easy/plant very upright; to 9 = difficult/plant low or lodged.

⁴ Plant Disease severity rated on a scale of 0 to 9. 0 = no disease pressure or presence; to 9 = severe pressure, 100% incidence. {Anthracnose was primary disease}