

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

Lentil Variety Trial	Carrington
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Variety	Days to Bloom	Days to PM	Plant Height in	Root Disease ¹ %	Harvest Ease ² 0-9	Grain Protein %	1000 KWT g/1000	Test Weight lb/bu	Grain Yield lb/ac
CDC Redberry	50.8	83.3	12.8	0.0	3.5	24.00	39.58	66.6	1192
CDC Lemay	52.0	83.8	10.8	0.3	4.0	32.63	32.96	67.5	966
CDC Red Rider	51.0	82.8	11.5	0.0	4.8	24.33	44.07	66.4	1147
CDC Richlea	51.5	82.3	10.2	0.3	5.0	25.45	45.88	66.0	1329
CDC Viceroy	49.3	83.8	10.9	0.0	4.0	26.30	32.72	67.5	1686
CDC Rouleau	52.0	80.8	10.4	0.8	5.3	24.05	34.23	66.7	1197
Pennel	49.5	82.8	10.0	0.3	5.0	25.03	49.35	64.6	781
ND Eagle	48.3	80.3	10.6	1.0	5.3	27.40	35.72	66.7	1667
Mean	50.6	82.5	10.9	0.3	4.6	26.15	39.31	66.5	1246
C.V. (%)	0.9	1.7	12.4	183.0	22.6	7.2	5.6	0.4	18.4
LSD 0.10	0.6	1.7	1.6	0.7	1.3	2.28	2.69	0.3	279
LSD 0.05	0.7	2.1	2.0	0.8	1.5	2.77	3.25	0.4	337

Planting Date = May 2 ; Harvest Date = July 31 ; Previous Crop = Spring Wheat

¹Root disease scores indicate an estimate of the % of plants affected by primarily aphanomyces root rot as rated three weeks prior to PM.

²Harvest Ease scores: 0 = all plants upright and easy to harvest; 9 = all plants flat on the ground and difficult to harvest.