

**NDSU Carrington Research Extension Center
2008**

Lentil Seeding Rate Evaluation	Carrington
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Seeding Rate (PLS) plants ft ⁻²	Pod Height cm	Plant Height cm	Days to PM	Plant Lodge 0 to 9	1000 KWT gram	Seeds / Pound	Test Weight lb/bu	Seed Yield lb/acre
8	20.0	31.5	87.3	1.5	72.7	6247	59.5	2417
12	20.5	31.0	86.0	0.5	74.1	6129	59.4	2587
16	21.0	31.5	85.5	0.5	73.5	6177	59.5	2760
20	21.5	31.5	85.3	0.5	73.6	6172	59.4	3001
24	22.0	31.5	85.0	0.8	73.2	6206	59.3	2887
28	20.5	30.5	84.3	0.8	71.9	6322	59.6	3077
MEAN	20.9	31.3	85.5	0.8	73.1	6212	59.5	2797
C.V.%	11.1	5.0	1.1	95.3	2.1	2.2	0.6	6.5
LSD.05	NS	NS	1.4	NS	NS	NS	NS	275

Planting Date = May 23 ; Harvest Date = August 25 ; Previous Crop = Spring Wheat

* 'Pennell' was the lentil cultivar utilized for this seeding rate assessment.