

| Variety                     | Days<br>to<br>Bloom | Bloom<br>Duration | Seeds<br>per<br>Pound | Plant<br>Height<br>in | Test<br>Weight<br>lbs/bu | Protein<br>% | Returns <sup>1</sup><br>\$/ac | Grain<br>Yield<br>lbs/ac |
|-----------------------------|---------------------|-------------------|-----------------------|-----------------------|--------------------------|--------------|-------------------------------|--------------------------|
| <b>Large Green Types</b>    |                     |                   |                       |                       |                          |              |                               |                          |
| CDC Imigreen-CL             | 44                  | 26                | 6,895                 | 16                    | 61.4                     | 22.5         | 69.52                         | 1,527                    |
| <b>Medium Green Type</b>    |                     |                   |                       |                       |                          |              |                               |                          |
| CDC Impress-CL              | 43                  | 26                | 8,870                 | 14                    | 62.5                     | 20.3         | 144.25                        | 1,945                    |
| <b>Small Red Types</b>      |                     |                   |                       |                       |                          |              |                               |                          |
| CDC Maxim-CL                | 42                  | 25                | 11,581                | 12                    | 63.6                     | 20.7         | 51.83                         | 1,428                    |
| <b>Extra Small Red Type</b> |                     |                   |                       |                       |                          |              |                               |                          |
| CDC Impala-CL               | 42                  | 27                | 15,620                | 13                    | 64.5                     | 22.7         | 138.29                        | 1,912                    |
| Trial Mean                  | 43                  | 26                | 10,742                | 14                    | 63.0                     | 21.5         | 100.97                        | 1,703                    |
| CV %                        | 1.6                 | 3.7               | 2.2                   | 10.3                  | 0.4                      | 0.9          | --                            | 12.2                     |
| LSD 0.10                    | 1                   | 1                 | 312                   | 2                     | 0.3                      | 0.3          | --                            | 269.5                    |

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

<sup>1</sup>Returns 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.