

| Variety              | Flower Date      | Flower Duration | Plant Height | Oil <sup>2</sup> % |         | Test Weight |      | Yield bu/a |         |
|----------------------|------------------|-----------------|--------------|--------------------|---------|-------------|------|------------|---------|
|                      | DAP <sup>1</sup> | days            | cm           | 2014               | 3yr avg | lb/bu       | 2014 | 2yr avg    | 3yr avg |
| <b>Yellow Seeded</b> |                  |                 |              |                    |         |             |      |            |         |
| GoldND               | 39               | 9               | 54.8         | 40.0               | 40.3    | 51.3        | 19.6 | 23.5       | 19.3    |
| Carter               | 39               | 8               | 53.5         | 38.8               | 39.3    | 52.6        | 18.5 | 22.5       | 19.2    |
| Omega                | 39               | 10              | 54.8         | 39.1               | 39.5    | 53.0        | 20.8 | 21.5       | 17.7    |
| <b>Brown Seeded</b>  |                  |                 |              |                    |         |             |      |            |         |
| CDC Sorrel           | 38               | 9               | 61.0         | 39.4               | 40.2    | 52.2        | 19.5 | 25.8       | 20.6    |
| Neche                | 37               | 12              | 57.0         | 39.0               | 39.6    | 53.0        | 20.6 | 24.2       | 19.7    |
| York                 | 34               | 13              | 53.0         | 38.5               | 39.1    | 52.8        | 18.9 | 22.9       | 19.1    |
| Prairie Blue         | 36               | 11              | 52.0         | 40.1               | 40.3    | 52.5        | 20.3 | 24.3       | 19.0    |
| Rahab 94             | 35               | 12              | 52.3         | 39.7               | 39.9    | 51.8        | 19.5 | 23.0       | 18.8    |
| CDC Arras            | 38               | 10              | 58.3         | 38.6               | 39.4    | 52.7        | 18.8 | 23.0       | 18.7    |
| CDC Sanctuary        | 38               | 11              | 55.3         | 39.0               | 39.8    | 52.1        | 18.5 | 22.4       | 18.7    |
| Lightning            | 35               | 14              | 58.3         | 39.2               | 39.8    | 52.8        | 19.3 | 22.8       | 18.7    |
| Hanley               | 38               | 10              | 56.3         | 38.7               | 39.1    | 52.8        | 18.5 | 21.7       | 18.7    |
| Nekoma               | 34               | 13              | 52.5         | 39.6               | 40.0    | 52.8        | 20.0 | 22.2       | 18.6    |
| Linott               | 39               | 10              | 59.0         | 38.2               | 38.6    | 52.8        | 18.8 | 22.6       | 18.4    |
| CDC Glas             | 37               | 10              | 52.5         | 39.6               | 40.4    | 50.7        | 18.8 | 22.1       | 18.2    |
| Prairie Thunder      | 38               | 10              | 55.0         | 38.5               | 38.9    | 52.9        | 18.4 | 20.8       | 17.8    |
| Prairie Sapphire     | 39               | 10              | 55.3         | 40.5               | 41.4    | 51.8        | 17.4 | 20.6       | 17.8    |
| McGregor             | 37               | 11              | 51.8         | 38.7               | 39.3    | 53.2        | 17.7 | 21.3       | 17.7    |
| Prairie Grande       | 35               | 12              | 52.0         | 39.0               | 39.6    | 52.5        | 17.5 | 20.8       | 17.5    |
| CDC Bethume          | 36               | 12              | 55.5         | 38.7               | 39.4    | 52.7        | 18.2 | 21.4       | 17.4    |
| Pembina              | 37               | 12              | 55.0         | 38.9               | 39.8    | 52.6        | 16.7 | 20.4       | 17.2    |
| Webster              | 39               | 10              | 56.3         | 39.3               | 40.2    | 52.4        | 16.2 | 20.4       | 17.2    |
| Shape                | 39               | 9               | 55.0         | 40.1               | 41.2    | 52.3        | 17.5 | 20.0       | 17.1    |
| Neela                | 40               | 6               | 52.8         | 39.3               | -       | 51.5        | 18.1 | -          | -       |
| Bison                | 35               | 13              | 56.0         | 38.9               | -       | 52.7        | 17.6 | -          | -       |
| Mean                 | 37.5             | 10.3            | 55.0         | 39.5               | -       | 52.3        | 19.1 | -          | -       |
| C.V.%                | 3.8              | 14.7            | 5.2          | 0.7                | -       | 1.1         | 14.5 | -          | -       |
| LSD 10%              | 1.7              | 1.8             | 3.3          | 0.3                | -       | 0.7         | 3.3  | -          | -       |

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft

Planted: 5/9/14

Harvested: 9/16/14

Applied fertilizer in lb/a: 54 N : 37 P2O5 : 0 K2O

Harvested area: 56 ft2

Soil type: Williams-Bowbells loam

Previous crop: durum

Soil test to 6" in lb/a: 24P:295K OM-2.5 pH-5.6

Soil test to 24" in lb/a: 79N

DAP<sup>1</sup> = Days after planting

Oil<sup>2</sup> = Oil content adjusted to 9% moisture