

**NDSU Carrington Research Extension Center  
2012 Variety Trial Data**

|  |                   |
|--|-------------------|
| <b>Soybean - Irrigated, Conventional Varieties</b> | <b>Carrington</b> |
|--|-------------------|

| Brand    | Variety   | Mat. Group <sup>1</sup> | Days to PM <sup>2</sup> | Seeds/pound | Seed Oil <sup>3</sup><br>% | Seed Protein <sup>3</sup><br>% | Test Weight<br>lb/bu | ----- Seed Yield ----- |                     |
|----------|-----------|-------------------------|-------------------------|-------------|----------------------------|--------------------------------|----------------------|------------------------|---------------------|
|          |           |                         |                         |             |                            |                                |                      | 2012<br>bu/ac          | 3-yr. Avg.<br>bu/ac |
| NDSU     | Cavalier  | 00.9                    | 110.8                   | 2779        | 17.7                       | 34.1                           | 58.1                 | 55.4                   | 57.7                |
| NDSU     | Ashtabula | 0.4                     | 115.5                   | 3192        | 19.0                       | 31.9                           | 57.2                 | 59.3                   | 64.0                |
| NDSU     | Traill    | 0.0                     | 115.5                   | 2921        | 17.8                       | 34.7                           | 58.4                 | 52.0                   | 53.5                |
| NDSU     | Sheyenne  | 0.7                     | 120.3                   | 3164        | 18.2                       | 32.5                           | 57.5                 | 56.8                   | 64.1                |
| NDSU     | ProSoy    | 0.8                     | 123.5                   | 2919        | 17.4                       | 37.1                           | 56.4                 | 38.8                   | 49.0                |
| NDSU     | ND1005T   | 0.5                     | 118.0                   | 2741        | 17.9                       | 36.4                           | 57.5                 | 47.6                   | 52.8                |
| Pioneer  | P.91M10   | 1.0                     | 124.0                   | 3179        | 18.4                       | 32.0                           | 57.4                 | 58.6                   | --                  |
| SunOpta  | Excalibur | Other Late              | 116.5                   | 2754        | 17.0                       | 38.3                           | 57.7                 | 54.0                   | 55.4                |
| SunOpta  | Kassidy   | Other Late              | 120.0                   | 2946        | 16.9                       | 37.1                           | 57.6                 | 47.3                   | --                  |
| SunOpta  | Bravado   | Other Late              | 116.0                   | 3414        | 18.4                       | 33.7                           | 57.1                 | 48.7                   | 59.0                |
| SunOpta  | Valor     | Other Late              | 117.0                   | 3087        | 17.2                       | 34.8                           | 57.6                 | 55.8                   | 58.0                |
| MEAN     |           |                         | 118.7                   | 3065        | 18.1                       | 34.1                           | 57.4                 | 52.0                   | --                  |
| C.V. (%) |           |                         | 1.0                     | 2.7         | 3.2                        | 3.7                            | 0.5                  | 10.2                   | --                  |
| LSD 0.05 |           |                         | 1.8                     | 117         | 0.8                        | 1.8                            | 0.4                  | 7.6                    | --                  |

**Planting Date = May 17 ; Harvest Date = September 26 ; Previous Crop = Soybean**

<sup>1</sup> Maturity group based on data provided by seed company.

<sup>2</sup> Days to PM: average of 119 = September 13.

<sup>3</sup> Seed oil and protein contents reported on a 13% moisture basis.