

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

|                          |                   |
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| <b>Soybean - Organic</b> | <b>Carrington</b> |
|--------------------------|-------------------|

| Variety     | Pod Height<br>inch | Plant Height<br>inch | Plant Lodge<br>0-9 | Seeds/<br>Pound | Seed Oil<br>% | Seed Protein<br>% | Test Weight<br>lb/bu | ----- Seed Yield ----- |               |               |
|-------------|--------------------|----------------------|--------------------|-----------------|---------------|-------------------|----------------------|------------------------|---------------|---------------|
|             |                    |                      |                    |                 |               |                   |                      | 2018                   | 2-yr.<br>Avg. | 3-yr.<br>Avg. |
|             |                    |                      |                    |                 |               |                   |                      | ----- bu/ac -----      |               |               |
| ND Benson   | 4.3                | 29.7                 | 0.3                | 4597            | 17.0          | 40.0              | 56.2                 | 20.8                   | 26.7          | 31.8          |
| Ashtabula   | 5.2                | 35.7                 | 0.5                | 4729            | 17.9          | 36.9              | 55.8                 | 25.0                   | 28.5          | 30.7          |
| ND Stutsman | 4.4                | 34.5                 | 1.0                | 4471            | 17.6          | 37.1              | 56.2                 | 25.4                   | 31.2          | 34.5          |
| Sheyenne    | 4.7                | 34.2                 | 0.0                | 4451            | 17.1          | 38.2              | 56.1                 | 22.8                   | 28.0          | 30.3          |
| ND Bison    | 4.5                | 27.7                 | 0.0                | 4331            | 17.3          | 37.5              | 55.8                 | 20.8                   | 29.9          | 33.1          |
| Traill      | 4.4                | 32.8                 | 1.0                | 3911            | 18.5          | 36.6              | 56.2                 | 31.2                   | 30.7          | 27.8          |
| ND Henson   | 4.6                | 30.0                 | 0.3                | 4450            | 17.4          | 37.7              | 56.3                 | 27.1                   | 29.6          | 31.2          |
| Prosoy      | 4.8                | 36.0                 | 0.5                | 3651            | 16.2          | 40.5              | 55.3                 | 23.1                   | 31.6          | 35.2          |
| ND1406HP    | 4.1                | 34.2                 | 0.5                | 3706            | 16.2          | 40.1              | 55.9                 | 28.0                   | 31.0          | 31.6          |
| Mean        | 4.6                | 32.8                 | 0.5                | 4263            | 17.3          | 38.1              | 55.9                 | 24.9                   | --            | --            |
| C.V. (%)    | 17.2               | 6.3                  | 108.2              | 6.1             | 2.9           | 1.5               | 0.7                  | 16.8                   | --            | --            |
| LSD 0.10    | 1.0                | 2.5                  | 0.6                | 314             | 0.6           | 0.7               | 0.5                  | 5.0                    | --            | --            |
| LSD 0.05    | NS                 | 3.0                  | 0.7                | 378             | 0.7           | 0.8               | 0.6                  | 6.1                    | --            | --            |

**Planting Date = May 22; Harvest Date = September 18; Previous Crop = Oats**