

**NDSU Langdon Research Extension Center  
2016 Variety Trial**

**Soybean - Roundup Ready 2 Xtend- 2016**

**Pekin - Nelson County**

| Brand      | Variety       | Maturity           |                            | Lodging | Plant  |         | Oil  | Yield |                          |
|------------|---------------|--------------------|----------------------------|---------|--------|---------|------|-------|--------------------------|
|            |               | Group <sup>1</sup> | Maturity date <sup>2</sup> |         | Height | Protein |      | 2016  | 2-site Avg. <sup>3</sup> |
| Dyna-Gro   | S04XT77       | 0.4                | 9/20                       | 0.8     | 35     | 35.5    | 14.9 | 76.3  | 73.4                     |
| Hefty      | H02X7         | 0.2                | 9/21                       | 1.0     | 40     | 34.9    | 14.9 | 71.8  | 71.4                     |
| Hefty      | H03X7         | 0.3                | 9/21                       | 1.3     | 35     | 35.0    | 15.0 | 67.6  | 67.0                     |
| Integra    | 50098 R2X     | 00.9               | 9/20                       | 1.0     | 36     | 34.7    | 14.6 | 74.1  | 70.2                     |
| Legacy     | LS-00937 RRXT | 00.9               | 9/20                       | 1.5     | 36     | 35.1    | 14.4 | 70.5  | 69.6                     |
| Legacy     | LS-0237 RRXT  | 0.2                | 9/20                       | 1.5     | 38     | 34.6    | 15.2 | 73.5  | 73.3                     |
| Legacy     | LS-0337 RRXT  | 0.3                | 9/21                       | 0.5     | 35     | 35.5    | 14.6 | 69.7  | 70.7                     |
| Proseed    | XT6009        | 00.9               | 9/19                       | 1.8     | 37     | 35.6    | 14.1 | 71.9  | 69.6                     |
| Proseed    | XT603         | 0.3                | 9/20                       | 1.5     | 40     | 34.2    | 15.3 | 74.1  | 75.3                     |
| Proseed    | XT604         | 0.4                | 9/21                       | 0.3     | 35     | 35.3    | 15.0 | 75.1  | 73.3                     |
| Wensman    | W1016RX       | 0.1                | 9/20                       | 2.3     | 36     | 35.0    | 14.3 | 72.2  | 69.8                     |
| Wensman    | W1037RX       | 0.3                | 9/20                       | 2.0     | 42     | 34.6    | 15.0 | 71.7  | 70.1                     |
| Trial Mean |               |                    | 9/20                       | 1.3     | 37     | 35.0    | 14.8 | 72.4  | --                       |
| C.V. %     |               |                    | 5.4                        | 52.8    | 4.8    | 1.0     | 1.9  | 5.9   | --                       |
| LSD 5%     |               |                    | NS                         | 1.0     | 2.6    | 0.8     | 0.6  | NS    | --                       |
| LSD 10%    |               |                    | NS                         | 0.8     | 2.1    | 0.6     | 0.5  | NS    | --                       |

<sup>1</sup>Maturity Group provided by company

<sup>2</sup>Date of physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

<sup>3</sup>A 2-site average of our southern region, Walsh County (Park River) and Nelson County (Pekin).

Yield, oil and protein reported at 13% moisture.

Planting Date: May 20

Harvest Date: September 30