

**NDSU Langdon Research Extension Center**  
**2014 Variety Trial**

**Soybean - Roundup Ready - 2014**

**Pekin - Nelson County (Page 1-2)**

| Brand              | Variety       | Maturity Group <sup>1</sup> | Maturity date <sup>2</sup> | Plant Height in | Protein %       | Oil % | Yield |           |                          |
|--------------------|---------------|-----------------------------|----------------------------|-----------------|-----------------|-------|-------|-----------|--------------------------|
|                    |               |                             |                            |                 |                 |       | 2014  | 2 yr Avg. | 2-site Avg. <sup>3</sup> |
| Dairyland          | DSR-C905/R2Y  | 00.9                        | 9/18                       | 30              | NA <sup>4</sup> |       | 60.1  | 53.5      | --                       |
| Dairyland          | DSR-C918/R2Y  | 00.9                        | 9/20                       | 27              |                 |       | 62.8  | --        | --                       |
| Dairyland          | DST02-001/R2Y | 0.2                         | 9/21                       | 28              |                 |       | 57.9  | --        | --                       |
| Dairyland          | DSR-0305/R2Y  | 0.3                         | 9/21                       | 33              |                 |       | 66.5  | 61.6      | --                       |
| Dairyland          | DSR-404/R2Y   | 0.4                         | 9/22                       | 31              |                 |       | 57.1  | 56.9      | --                       |
| Dyna-Gro Seed      | 30RY04        | 00.4                        | 9/15                       | 29              |                 |       | 57.7  | 50.5      | 55.5                     |
| Dyna-Gro Seed      | S006RY75      | 00.6                        | 9/10                       | 29              |                 |       | 54.3  | --        | 54.2                     |
| Dyna-Gro Seed      | S007RY44      | 00.7                        | 9/13                       | 27              |                 |       | 57.9  | 49.5      | 58.4                     |
| Dyna-Gro Seed      | S02RY74       | 0.2                         | 9/20                       | 28              |                 |       | 57.1  | 54.6      | 59.9                     |
| Hefty Seed         | H009R3        | 00.9                        | 9/21                       | 30              |                 |       | 60.3  | --        | 62.3                     |
| Hefty Seed         | H01R4         | 0.1                         | 9/21                       | 28              |                 |       | 52.1  | --        | 56.2                     |
| Hefty Seed         | H02R3         | 0.2                         | 9/21                       | 32              |                 |       | 54.4  | 55.2      | --                       |
| Integra            | 20031         | 00.7                        | 9/16                       | 31              |                 |       | 57.3  | 53.0      | 57.9                     |
| Integra            | 20076N        | 00.7                        | 9/10                       | 28              |                 |       | 50.3  | --        | 52.3                     |
| Integra            | 20215         | 0.0                         | 9/18                       | 28              |                 |       | 57.4  | --        | 60.0                     |
| Integra            | 20126         | 0.1                         | 9/20                       | 36              |                 |       | 64.8  | --        | 64.0                     |
| Integra            | 20109         | 0.2                         | 9/20                       | 28              |                 |       | 57.9  | --        | 61.1                     |
| Legacy Seed        | LS00734 NRR2  | 00.7                        | 9/10                       | 28              |                 |       | 48.8  | --        | 48.1                     |
| Legacy Seed        | LS00834 RR2   | 00.8                        | 9/13                       | 24              |                 |       | 54.7  | --        | 55.2                     |
| Legacy Seed        | LS0214 RR2    | 0.2                         | 9/19                       | 34              |                 |       | 64.3  | --        | 65.3                     |
| Legacy Seed        | LS0334 RR2    | 0.3                         | 9/24                       | 34              |                 |       | 64.9  | --        | 64.3                     |
| Legacy Seed        | LS0134 RR2    | 0.1                         | 9/21                       | 30              |                 |       | 62.7  | --        | 63.6                     |
| Mycogen Seeds      | 5G009R2       | 00.9                        | 9/15                       | 31              |                 |       | 58.3  | --        | 59.9                     |
| Mycogen Seeds      | X54J009R2     | 00.9                        | 9/19                       | 28              |                 |       | 59.1  | --        | 60.9                     |
| Mycogen Seeds      | 5B012R2       | 0.1                         | 9/17                       | 30              |                 |       | 54.4  | 51.9      | 57.6                     |
| Mycogen Seeds      | 5B024R2       | 0.2                         | 9/18                       | 32              |                 |       | 59.2  | 52.4      | --                       |
| Northstar Genetics | NS 0088R2     | 00.9                        | 9/17                       | 27              |                 |       | 55.7  | 49.1      | 55.8                     |
| Northstar Genetics | NS 0096R2     | 00.9                        | 9/16                       | 31              |                 |       | 55.2  | 51.6      | 58.5                     |
| Nuseed             | 0074 RR2YN    | 00.7                        | 9/7                        | 26              |                 |       | 47.8  | --        | 48.0                     |
| Nuseed             | 2034 RR2YN    | 0.3                         | 9/20                       | 34              |                 |       | 56.4  | --        | 60.4                     |
| NuTech/G2          | 6007          | 00.7                        | 9/15                       | 24              |                 |       | 49.4  | --        | 53.2                     |
| NuTech/G2          | 6000          | 0.0                         | 9/19                       | 25              |                 |       | 54.2  | --        | 55.4                     |
| NuTech/G2          | 6021          | 0.2                         | 9/19                       | 24              |                 |       | 55.4  | 49.8      | 56.7                     |
| PFS                | 14R02         | 0.2                         | 9/21                       | 29              |                 |       | 58.6  | 58.2      | 60.1                     |
| PFS                | 15R04         | 0.4                         | 9/23                       | 35              |                 |       | 63.6  | --        | 63.8                     |

| Brand         | Variety    | Maturity Group <sup>1</sup> | Maturity date <sup>2</sup> | Plant Height in | Protein % | Oil % | Yield |           |                          |
|---------------|------------|-----------------------------|----------------------------|-----------------|-----------|-------|-------|-----------|--------------------------|
|               |            |                             |                            |                 |           |       | 2014  | 2-yr Avg. | 2-site Avg. <sup>3</sup> |
| Prairie Brand | PB-00766R2 | 00.7                        | 9/9                        | 29              |           |       | 49.0  | --        | 52.2                     |
| Prairie Brand | PB-00844R2 | 00.8                        | 9/17                       | 27              |           |       | 57.4  | 48.8      | 59.1                     |
| Prairie Brand | PB-00950R2 | 00.9                        | 9/16                       | 29              |           |       | 59.5  | 58.2      | 59.1                     |
| Prairie Brand | PB-0240R2  | 0.1                         | 9/16                       | 33              |           |       | 61.5  | --        | 59.4                     |
| Prairie Brand | PB-0291R2  | 0.1                         | 9/22                       | 29              |           |       | 55.8  | 53.9      | 60.3                     |
| Proseed       | 30-20      | 0.2                         | 9/22                       | 30              |           |       | 57.8  | --        | 62.9                     |
| Proseed       | P2 20-30   | 0.3                         | 9/19                       | 33              |           |       | 64.4  | 59.3      | 65.6                     |
| REA           | 0140       | 0.1                         | 9/16                       | 30              |           |       | 59.5  | --        | 60.5                     |
| REA           | 58G82      | 00.8                        | 9/18                       | 26              |           |       | 45.9  | 46.4      | 49.6                     |
| REA           | 61G24      | 0.1                         | 9/21                       | 27              |           |       | 61.1  | --        | 61.8                     |
| REA           | 62G22      | 0.2                         | 9/18                       | 34              |           |       | 55.8  | 52.0      | 57.5                     |
| REA           | 64G94      | 0.4                         | 9/22                       | 36              |           |       | 53.3  | --        | 56.3                     |
| Syngenta      | NK S007-Y4 | 00.7                        | 9/15                       | 27              |           |       | 57.7  | --        | 53.8                     |
| Syngenta      | NK S009-J1 | 00.9                        | 9/15                       | 24              |           |       | 53.7  | --        | 56.7                     |
| Thunder Seed  | 32005 R2Y  | 00.5                        | 9/13                       | 26              |           |       | 48.5  | --        | 50.0                     |
| Thunder Seed  | Astro      | 00.8                        | 9/17                       | 30              |           |       | 60.0  | --        | 60.9                     |
| Thunder Seed  | 35007 R2YN | 00.7                        | 9/8                        | 28              |           |       | 50.8  | --        | 51.1                     |
| Thunder Seed  | 31009 R2Y  | 00.9                        | 9/16                       | 32              |           |       | 60.2  | --        | 61.5                     |
| Thunder Seed  | 33009 R2YN | 00.9                        | 9/18                       | 27              |           |       | 52.5  | --        | 52.4                     |
| Wensman Seed  | W 30084R2  | 00.8                        | 9/16                       | 32              |           |       | 62.7  | --        | 59.9                     |
| Wensman Seed  | W 30099R2  | 00.9                        | 9/20                       | 32              |           |       | 59.3  | 52.9      | 63.3                     |
| Wensman Seed  | W 3024R2   | 0.2                         | 9/17                       | 25              |           |       | 58.2  | 56.8      | 59.1                     |
| Wensman Seed  | W 3030R2   | 0.2                         | 9/18                       | 31              |           |       | 52.7  | 49.9      | 54.9                     |
| Trial Mean    |            |                             | 9/17                       | 29              |           |       | 55.8  | --        | --                       |
| C.V. %        |            |                             | 1.8                        | 9.3             |           |       | 7.8   | --        | --                       |
| LSD 10%       |            |                             | 2.3                        | 3.2             |           |       | 5.1   | --        | --                       |
| LSD 5%        |            |                             | 2.8                        | 3.8             |           |       | 6.1   | --        | --                       |

<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 28

Harvest Date: October 14

<sup>4</sup> NA- Not yet available