

**NDSU Carrington Research Extension Center**  
**2019 Variety Trial Data**

**Soybean - Irrigated, Roundup Ready Varieties** **Carrington (Page 1 of 2)**

| Brand               | Variety       | Trait  | Mat. Group <sup>1</sup> | Days to PM <sup>2</sup> | Pod  | Plant | Seeds/ | Seed | Seed    | Test   | ----- Seed Yield ----- |       |       |
|---------------------|---------------|--------|-------------------------|-------------------------|------|-------|--------|------|---------|--------|------------------------|-------|-------|
|                     |               |        |                         |                         | Ht   | Ht    | pound  | Oil  | Protein | Weight | 2-yr.                  | 3-yr. |       |
|                     |               |        |                         |                         | inch | inch  |        | %    | %       | lb/bu  | -----                  | bu/ac | ----- |
| Dairyland Seed      | DSR-0200/R2Y  | RR2Y   | 0.2                     | 117.3                   | 4.8  | 39.9  | 2377   | 17.0 | 37.1    | 57.1   | 62.5                   | --    | --    |
| Dairyland Seed      | DSR-0577E     | Enlist | 0.5                     | 126.0                   | 4.5  | 34.1  | 2857   | 16.9 | 37.1    | 55.8   | 52.9                   | --    | --    |
| Dairyland Seed      | DSR-0717E     | Enlist | 0.7                     | 127.8                   | 5.1  | 35.3  | 2853   | 16.8 | 37.5    | 55.8   | 68.3                   | --    | --    |
| Dairyland Seed      | DSR0847E      | Enlist | 0.8                     | 128.8                   | 7.0  | 34.1  | 2810   | 17.6 | 35.9    | 58.0   | 69.3                   | --    | --    |
| Dyna-Gro            | S03XT29       | RR2XT  | 0.3                     | 117.8                   | 3.9  | 34.4  | 3266   | 17.1 | 35.8    | 55.9   | 68.2                   | 72.5  | --    |
| Dyna-Gro            | S05EN70       | Enlist | 0.5                     | 125.0                   | 4.5  | 34.1  | 2928   | 17.1 | 35.5    | 55.4   | 59.9                   | --    | --    |
| Dyna-Gro            | S06XT59       | RR2XT  | 0.6                     | 126.0                   | 5.1  | 35.6  | 3138   | 16.8 | 35.3    | 55.4   | 66.6                   | 68.9  | --    |
| Integra             | 40209         | Enlist | 0.2                     | 117.3                   | 5.0  | 32.3  | 3477   | 16.5 | 36.9    | 55.8   | 53.7                   | --    | --    |
| Integra             | 50309N        | RR2XT  | 0.3                     | 118.8                   | 5.3  | 36.0  | 3237   | 17.2 | 35.6    | 56.1   | 62.8                   | 70.9  | --    |
| Latham              | L0438R2X      | RR2XT  | 0.4                     | 124.5                   | 5.7  | 34.8  | 2745   | 17.0 | 35.6    | 56.2   | 67.5                   | --    | --    |
| Latham              | L0595E3       | Enlist | 0.5                     | 125.0                   | 5.3  | 32.3  | 2765   | 17.2 | 35.6    | 54.6   | 57.9                   | --    | --    |
| Latham              | L0553R2X      | RR2XT  | 0.5                     | 125.5                   | 4.6  | 34.3  | 2665   | 17.7 | 36.2    | 56.4   | 70.9                   | --    | --    |
| Latham              | L0883R2X      | RR2XT  | 0.8                     | 130.8                   | 4.1  | 34.3  | 3014   | 16.8 | 36.3    | 57.3   | 67.1                   | --    | --    |
| Latham              | L0995E3       | Enlist | 0.9                     | 128.0                   | 3.8  | 32.8  | 3156   | 17.0 | 35.7    | 56.4   | 65.0                   | --    | --    |
| Latham              | L0982R2       | RR2Y   | 0.9                     | 130.8                   | 5.6  | 34.6  | 2720   | 17.0 | 35.8    | 56.3   | 77.3                   | --    | --    |
| Legacy Seeds        | LS-0438 RR2X  | RR2XT  | 0.4                     | 122.8                   | 4.0  | 34.9  | 2783   | 17.9 | 36.7    | 55.7   | 73.5                   | 76.2  | 72.7  |
| Legacy Seeds        | LS-0629N E3   | Enlist | 0.6                     | 126.0                   | 4.6  | 31.8  | 3172   | 17.7 | 35.5    | 58.0   | 62.3                   | --    | --    |
| Legacy Seeds        | LS-0738N RR2X | RR2XT  | 0.7                     | 126.3                   | 3.1  | 35.1  | 2797   | 16.8 | 36.1    | 55.8   | 76.8                   | 76.3  | 72.5  |
| Legacy Seeds        | LS-0829 E3    | Enlist | 0.8                     | 126.5                   | 4.7  | 34.6  | 2938   | 16.8 | 37.4    | 55.1   | 66.3                   | --    | --    |
| LG Seeds            | LGS0355RX     | RR2XT  | 0.3                     | 118.5                   | 5.7  | 36.3  | 3191   | 17.1 | 35.9    | 56.0   | 62.3                   | 64.7  | --    |
| LG Seeds            | LGS0400RX     | RR2XT  | 0.4                     | 122.0                   | 4.2  | 35.0  | 2921   | 17.4 | 35.3    | 55.3   | 70.8                   | --    | --    |
| LG Seeds            | LGS0735RX     | RR2XT  | 0.7                     | 126.5                   | 4.6  | 34.3  | 2767   | 17.5 | 35.2    | 56.1   | 66.6                   | --    | --    |
| NDSU                | ND18008GT     | GT     | 00.8                    | 114.3                   | 3.3  | 31.1  | 2944   | 17.3 | 37.9    | 56.8   | 50.1                   | 57.8  | --    |
| NDSU                | ND17009GT     | GT     | 00.9                    | 115.3                   | 4.7  | 35.6  | 3333   | 17.6 | 38.5    | 58.6   | 59.9                   | 62.1  | --    |
| Norcan Seed         | Nor08         | GT     | 0.8                     | na <sup>3</sup>         | 5.5  | 43.1  | 3283   | 18.3 | 36.6    | 46.7   | 52.9                   | --    | --    |
| Peterson Farm Seeds | 19X03         | RR2XT  | 0.3                     | 117.8                   | 4.5  | 36.0  | 3385   | 17.1 | 35.6    | 56.4   | 64.9                   | 69.0  | --    |
| Peterson Farm Seeds | 20X05         | RR2XT  | 0.5                     | 125.3                   | 4.8  | 33.5  | 2760   | 17.4 | 36.3    | 55.1   | 70.3                   | --    | --    |
| Proseed             | XT 80-20      | RR2XT  | 0.2                     | 118.3                   | 3.9  | 35.2  | 3228   | 16.9 | 35.7    | 55.3   | 61.1                   | 69.9  | --    |
| Proseed             | BX 80-35      | LLGT27 | 0.3                     | 124.0                   | 5.0  | 33.5  | 3068   | 16.8 | 38.2    | 56.3   | 71.4                   | --    | --    |
| Proseed             | EL 80-33      | Enlist | 0.3                     | 123.0                   | 5.4  | 34.1  | 2770   | 17.0 | 37.0    | 56.0   | 64.3                   | --    | --    |
| Proseed             | XT 60-40      | RR2XT  | 0.4                     | 121.8                   | 3.9  | 34.6  | 2765   | 17.1 | 36.4    | 55.4   | 73.8                   | 74.8  | --    |
| REA Hybrids         | RX0330        | RR2XT  | 0.3                     | 121.0                   | 4.7  | 36.4  | 2872   | 17.0 | 35.6    | 55.6   | 61.6                   | --    | --    |
| REA Hybrids         | RX0520        | RR2XT  | 0.5                     | 125.5                   | 4.8  | 35.0  | 2698   | 16.5 | 37.0    | 55.9   | 72.0                   | --    | --    |
| REA Hybrids         | RX0719        | RR2XT  | 0.7                     | 125.8                   | 4.2  | 35.2  | 2913   | 17.4 | 36.2    | 56.1   | 67.4                   | 72.4  | --    |
| Thunder             | SB8903N       | RR2XT  | 0.3                     | 117.0                   | 3.5  | 34.3  | 3324   | 17.4 | 35.7    | 56.2   | 58.1                   | 67.9  | --    |
| Thunder             | TE7906N       | Enlist | 0.6                     | 126.0                   | 3.1  | 30.3  | 3081   | 17.6 | 35.6    | 57.3   | 65.4                   | --    | --    |
| Thunder             | SB8906N       | RR2XT  | 0.6                     | 126.0                   | 3.9  | 38.4  | 2632   | 17.2 | 36.2    | 55.2   | 72.0                   | 74.6  | --    |
| Thunder             | SB8807N       | RR2XT  | 0.7                     | 126.0                   | 4.5  | 34.3  | 3143   | 17.0 | 35.1    | 55.9   | 66.1                   | --    | --    |
| Thunder             | SB8009N       | RR2XT  | 0.9                     | 130.3                   | 4.5  | 36.2  | 3114   | 16.6 | 36.3    | 56.7   | 71.7                   | --    | --    |
| MEAN                |               |        |                         | 123.4                   | 4.6  | 34.6  | 2970   | 17.1 | 36.3    | 56.2   | 65.0                   | --    | --    |
| C.V. (%)            |               |        |                         | 0.7                     | 32.7 | 6.4   | 5.1    | 2.1  | 0.8     | 1.4    | 10.5                   | --    | --    |
| LSD 0.10            |               |        |                         | 1.0                     | NS   | 2.6   | 177    | 0.4  | 0.3     | 0.9    | 7.9                    | --    | --    |
| LSD 0.05            |               |        |                         | 1.2                     | NS   | 3.1   | 211    | 0.5  | 0.4     | 1.1    | 9.4                    | --    | --    |

**Planting Date = May 21 ; Harvest Date = October 29 ; Previous Crop = Soybean**

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

<sup>2</sup> Days to PM: average of 123 = September 21.

<sup>3</sup> The line did not reach physiological maturity.

\* Plant lodging scores not recorded: Lodging was variable due to differential snow accumulations from Oct.10-11 blizzard.

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.