

**NDSU Carrington Research Extension Center
2021 Variety Trial Data**

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| Soybean - Irrigated, Roundup Ready Varieties | Carrington |
|---|-------------------|

| Brand | Variety | Maturity | Days to Maturity | Pod Height in | Plant Height in | Lodge ¹ 0-9 | Test Weight lb/bu | Protein % | Oil % | Seeds/ Pound | ----- Seed Yield ----- | | |
|----------------|-------------|----------|------------------|------------------|--------------------|---------------------------|----------------------|--------------|----------|-----------------|------------------------|---------------|---------------|
| | | | | | | | | | | | 2021 | 2-yr. Avg. | 3-yr. Avg. |
| | | | | | | | | | | | ----- bu/ac ----- | | |
| NDSU | ND18008GT | 00.8 | 110.8 | 3.3 | 36.4 | 2.3 | 57.0 | 36.1 | 19.0 | 3461 | 42.7 | 50.9 | 50.6 |
| NDSU | ND21008GT20 | 00.8 | 110.5 | 3.1 | 38.0 | 4.5 | 56.9 | 35.7 | 18.7 | 3371 | 51.1 | -- | -- |
| NDSU | ND17009GT | 00.9 | 117.5 | 3.9 | 39.8 | 5.3 | 58.9 | 37.0 | 19.0 | 2922 | 50.8 | 55.2 | 56.8 |
| NDSU | ND2108GT73 | 0.8 | 131.0 | 6.1 | 44.3 | 3.5 | 57.4 | 34.2 | 19.4 | 3009 | 56.2 | -- | -- |
| Dairyland Seed | DSR-0660E | 0.6 | 123.8 | 5.7 | 38.8 | 2.0 | 57.2 | 33.9 | 18.8 | 2808 | 58.8 | -- | -- |
| Dairyland Seed | DSR-0847E | 0.8 | 126.0 | 6.9 | 38.2 | 1.5 | 57.0 | 34.1 | 19.4 | 2701 | 59.5 | 57.5 | 61.5 |
| DynaGro | S04XT91 | 0.4 | 120.0 | 6.7 | 40.2 | 2.0 | 57.0 | 33.1 | 20.1 | 2678 | 58.4 | 63.1 | -- |
| DynaGro | S04XF32 | 0.4 | 126.5 | 5.3 | 50.2 | 6.0 | 56.9 | 33.8 | 19.9 | 2699 | 57.3 | -- | -- |
| DynaGro | S05EN82 | 0.5 | 122.0 | 6.5 | 35.8 | 1.3 | 55.8 | 35.2 | 19.1 | 2856 | 52.6 | -- | -- |
| Legacy Seeds | LS-0320N | 0.3 | 118.0 | 6.7 | 38.6 | 2.8 | 55.5 | 33.9 | 19.2 | 3220 | 57.2 | 60.9 | -- |
| Legacy Seeds | LS-0429 | 0.4 | 123.5 | 3.9 | 41.9 | 3.5 | 55.9 | 36.0 | 19.2 | 2841 | 53.4 | 56.7 | -- |
| Legacy Seeds | LS042-21E | 0.4 | 120.3 | 5.5 | 39.2 | 3.8 | 55.4 | 33.4 | 19.9 | 2794 | 55.9 | -- | -- |
| Legacy Seeds | LS044-21 XF | 0.4 | 126.0 | 6.1 | 49.3 | 4.8 | 57.0 | 33.8 | 19.8 | 2721 | 59.0 | -- | -- |
| Legacy Seeds | LS062-21E | 0.6 | 120.8 | 5.5 | 34.4 | 2.0 | 55.2 | 35.4 | 19.0 | 2839 | 56.2 | -- | -- |
| Legacy Seeds | LS072-21E | 0.7 | 125.0 | 7.5 | 39.6 | 2.3 | 57.3 | 34.1 | 18.9 | 2697 | 58.0 | -- | -- |
| LG Seeds | LGS0618XF | 0.6 | 125.3 | 5.3 | 37.4 | 2.0 | 57.1 | 36.0 | 19.2 | 2857 | 54.5 | -- | -- |
| LG Seeds | LGS0701XF | 0.7 | 125.8 | 5.9 | 41.7 | 4.0 | 56.9 | 34.0 | 19.0 | 2681 | 65.0 | -- | -- |
| Proseed | EL80-23 | 0.2 | 115.0 | 4.9 | 38.8 | 3.3 | 55.7 | 35.4 | 18.4 | 3412 | 48.4 | -- | -- |
| Proseed | XT80-20N | 0.2 | 119.5 | 3.9 | 42.1 | 3.5 | 56.7 | 33.0 | 19.5 | 3189 | 60.2 | 59.9 | 60.3 |
| Proseed | EL90-33N | 0.3 | 117.3 | 4.7 | 37.6 | 3.0 | 55.7 | 34.1 | 19.2 | 3316 | 55.9 | -- | -- |
| Proseed | XF10-30 | 0.3 | 119.3 | 3.9 | 44.3 | 4.0 | 56.5 | 34.1 | 20.2 | 2731 | 59.1 | -- | -- |
| Proseed | XT20-40 | 0.4 | 119.0 | 5.3 | 40.6 | 2.5 | 56.9 | 33.9 | 20.0 | 2688 | 54.8 | -- | -- |
| REA Hybrids | R0112XF | 0.1 | 120.5 | 4.3 | 47.0 | 4.3 | 56.5 | 34.2 | 19.9 | 2702 | 50.7 | -- | -- |
| REA Hybrids | RX0411 | 0.4 | 123.8 | 5.3 | 49.0 | 2.8 | 56.9 | 32.5 | 20.2 | 2734 | 54.8 | 56.6 | -- |
| REA Hybrids | R0632XF | 0.6 | 122.3 | 6.3 | 37.2 | 1.3 | 57.2 | 34.2 | 19.1 | 3245 | 54.3 | -- | -- |
| REA Hybrids | RX0721 | 0.7 | 123.5 | 5.1 | 42.9 | 2.3 | 57.0 | 33.5 | 19.7 | 2869 | 62.9 | 64.6 | -- |
| Mean | | | 121.9 | 5.5 | 41.1 | 3.0 | 56.7 | 34.4 | 19.4 | 2908 | 55.9 | -- | -- |
| C.V. (%) | | | 1.7 | 22.5 | 7.5 | 44.3 | 0.6 | 1.3 | 1.5 | 3.7 | 10.3 | -- | -- |
| LSD (0.05) | | | 2.9 | 1.7 | 4.4 | 1.9 | 0.5 | 0.6 | 0.4 | 152 | 8.1 | -- | -- |
| LSD (0.10) | | | 2.4 | 1.4 | 3.6 | 1.6 | 0.4 | 0.5 | 0.3 | 127 | 6.8 | -- | -- |

Planting Date = May 17; Harvest Date = October 4; Previous Crop = Field Pea

¹Lodging score: 0 = no lodging; 9 = plants lying flat