

Test by: MNS Seed Testing, LLC New Richland, MN

2021 Soybeans Top 30 Harvest Report

South Dakota Northeast [SDNE] BATH, SD
Scott Sperry, Brown County, SD 57427

| | |
|-------------------------------|--|
| Full-Season Test | Maturity Group 1.4 - 1.7 S2021SDNE12b |
| Top 30 of 54 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Force, Roundup Weathermax, Authority Mtz, Sharpen |
| SOIL DESCRIPTION: | Great Bend-Beotia silt loam, well drained, non-irrigated |
| SOIL CONDITION: | very high P, very high K, 5.8 pH, 5.4% OM, 20.0 CEC |
| TILLAGE/CULTIVATION: | No-Till |
| PEST MANAGEMENT: | Roundup, Sonic |
| Applied N-P-K (units): | 0-0-0 |
| SEDED - RATE - ROW: | May 13 140.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 23 110.1 /A |

TEST COMMENTS:

In June we saw a good stand and even beans but drought was starting to set in and beans needed rain. We had good weed control and harvest began on October 19 but a mist started and we quit after one replication was done. When we resumed harvest on October 23 we saw the average grain moisture had jumped up to over 14 percent from recent wet weather. The yields were better in the last two-thirds of the plot. Some variable grain moistures in this plot were from the different harvest dates.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-----------|-----|-------------|--------------------------------------|-------------|-------------|----------------|----------------------|------------|
| Zinesto | Z1702E ↗ | E3 | 1.7 | NA | 69.8 | 14.4 | 2 | 111.0 | 834 | 1 |
| Loyal | L1540E ↗ | E3 | 1.5 | R | 69.6 | 14.0 | 1 | 108.0 | 833 | 2 |
| Dahlman | 6015XN GC ↗ | RRX | 1.5 | R | 67.4 | 13.8 | 1 | 105.3 | 807 | 3 |
| Asgrow | AG15XF2 § ↗ | RXF | 1.5 | R | 66.2 | 14.6 | 1 | 114.3 | 791 | 4 |
| Pioneer | P16T58E GC ↗ | E3 | 1.6 | R | 66.1 | 13.9 | 1 | 115.0 | 791 | 5 |
| Stine | 14EE01 § ↗ | E3 | 1.4 | MR | 65.8 | 13.8 | 1 | 115.0 | 788 | 6 |
| Genesis | G1760E ↗ | E3 | 1.7 | R | 65.1 | 14.0 | 2 | 108.3 | 779 | 7 |
| Loyal | L1740E ↗ | E3 | 1.7 | R | 64.8 | 13.6 | 2 | 110.3 | 776 | 8 |
| Apex | AE1720 ↗ | E3 | 1.7 | R | 64.3 | 13.8 | 1 | 114.3 | 770 | 9 |
| NK Brand | NK17-M2XF ↗ | RXF | 1.7 | R | 64.0 | 14.3 | 1 | 107.3 | 765 | 10 |
| Apex | AE1520 ↗ | E3 | 1.5 | R | 63.4 | 13.6 | 1 | 110.3 | 759 | 11 |
| Latham | L 1558 E3 ↗ | E3 | 1.5 | R | 62.8 | 13.9 | 1 | 103.7 | 752 | 12 |
| Hefty | H14XF1 ↗ | RXF | 1.4 | NA | 62.1 | 14.1 | 1 | 112.3 | 743 | 13 |
| Xitavo | XO 1632E ↗ | E3 | 1.6 | R | 62.0 | 13.9 | 1 | 110.0 | 742 | 14 |
| Thunder | TX8117N ↗ | RXF | 1.7 | R | 61.9 | 13.8 | 3 | 104.7 | 741 | 15 |
| Credenz | CZ 1660GTLL ↗ | LLGT27 | 1.6 | MR | 61.5 | 14.4 | 1 | 108.0 | 735 | 16 |
| REA | R1532XF ↗ | RXF | 1.5 | NA | 61.1 | 13.8 | 1 | 106.7 | 731 | 17 |
| Xitavo | XO 1761E ↗ | E3 | 1.7 | R | 60.3 | 13.5 | 2 | 109.0 | 722 | 19 |
| Latham | L 1784 XF ↗ | RXF | 1.7 | R | 60.1 | 13.6 | 1 | 111.0 | 720 | 20 |
| Golden Harvest | GH1762XF ↗ | RXF | 1.7 | MR | 59.8 | 14.6 | 2 | 105.3 | 714 | 21 |
| Stine | 17EE32 § ↗ | E3 | 1.7 | R | 59.4 | 13.7 | 1 | 111.3 | 711 | 22 |
| Innotech | IS1761E3 ↗ | E3 | 1.7 | MR | 59.2 | 14.2 | 2 | 108.7 | 708 | 23 |
| Dahlman | 1117E3N GC ↗ | E3 | 1.7 | R | 58.9 | 13.5 | 1 | 105.7 | 706 | 24 |
| Genesis | G1560E ↗ | E3 | 1.5 | R | 58.5 | 14.0 | 2 | 109.0 | 700 | 25 |
| Pioneer | P15A63X § ↗ | RRX | 1.5 | NA | 58.3 | 13.6 | 2 | 107.3 | 698 | 26 |
| Thunder | SB8015N ↗ | RRX | 1.5 | R | 58.1 | 14.2 | 1 | 118.7 | 695 | 27 |
| Dairyland | DSR-1673E ↗ | E3 | 1.6 | R | 57.9 | 14.1 | 1 | 111.0 | 693 | 28 |
| Dyna-Gro | S16XF51 ↗ | RXF | 1.6 | R | 57.6 | 13.7 | 1 | 104.3 | 690 | 29 |
| Zinesto | Z1411E ↗ | E3 | 1.4 | R | 57.5 | 13.7 | 1 | 111.0 | 689 | 30 |
| Zinesto | Z1601E ↗ | E3 | 1.6 | R | 57.0 | 13.3 | 2 | 111.0 | 683 | 31 |
| REA | R1350XF CK | RXF | 1.3 | NA | 61.1 | 14.3 | 1 | 114.0 | 730 | 18 |
| | | | | | Averages = | 57.4 | 13.9 | 1 | 110.1 | 687 |
| | | | | | LSD (0.10) = | 8.1 | 0.4 | ns | | |
| | | | | | LSD (0.25) = | 4.3 | 0.2 | ns | | |
| | | | | | C.V. = | 13.5 | | | | |
| | | | | | Historic yield: 52.87 bu/a, 15 yr(s) | | | | | |

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.035

Prices: GMO = \$12.00

Report Date: 10/24/2021

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ New! Links to full product yield results at www.firstseedtests.com

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