

Test by: Southern MN FIRST New Richland, MN

2021 Soybeans Top 30 Harvest Report

Minnesota South Central [MNCS] NERSTRAND, MN
Wheeling Grain Partnership, Keith, Kurt and Brian Schrader,
Rice County, MN 55053

| | |
|-------------------------------|--|
| Early-Season Test | 1.5 - 1.8 Day CRM S2021MNCS08a |
| Top 30 of 52 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Surestart II, Halex Gt |
| SOIL DESCRIPTION: | Littleton silt loam, mod. well drained, non-irrigated |
| SOIL CONDITION: | medium P, high K, 6.4 pH, 4.7% OM, 19.3 CEC |
| TILLAGE/CULTIVATION: | Conventional W/ Fall Till |
| PEST MANAGEMENT: | Zidua Pro, Flexstar, Volunteer |
| FERTILITY - Applied N: | 11 Spring |
| Applied N-P-K (units): | 11-52-120 |
| SEEDED - RATE - ROW: | May 8 140.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 11 123.1 /A |

TEST COMMENTS:

Planted here on May 8 after vertical tillage in corn stalks in a nice seedbed. Seed sat in the ground for 10 days before any rainfall for germination. Rains were just enough all year here. The field was sprayed conventionally, and control was quite good. Pests were not a problem. Plants were tall, and some varieties fell over (see the lodging scores). Temperatures were warm all season and the chart on page 3 of this report shows this site received almost normal rainfall during the growing season.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|-----------------|-----------|-----|-------------|---------------------|-------------|-------------|----------------|----------------------|-------------------------------------|
| NK Brand | NK17-M2XF ↗ | RXF | 1.7 | R | 78.9 | 11.9 | 1 | 121.3 | 986 | 1 |
| Dairyland | DSR-1820E ↗ | E3 | 1.8 | R | 78.7 | 11.6 | 0 | 124.0 | 984 | 2 |
| Hefty | H16XF2 ↗ | RXF | 1.6 | NA | 78.5 | 11.8 | 1 | 124.3 | 981 | 3 |
| Hefty | H17XF1 ↗ | RXF | 1.7 | NA | 78.4 | 11.5 | 0 | 124.3 | 980 | 4 |
| Stine | 17EE32 § ↗ | E3 | 1.7 | R | 78.0 | 11.9 | 0 | 124.0 | 975 | 5 |
| Renk | RS150NX ↗ | RRX | 1.5 | R | 78.0 | 11.6 | 0 | 121.0 | 975 | 6 |
| Xitavo | XO 1632E ↗ | E3 | 1.6 | R | 77.5 | 11.9 | 0 | 121.7 | 969 | 7 |
| Loyal | L1740E ↗ | E3 | 1.7 | R | 77.0 | 11.7 | 1 | 121.3 | 962 | 8 |
| Hefty | H18XF2 ↗ | RXF | 1.8 | NA | 76.7 | 11.8 | 0 | 124.7 | 959 | 10 |
| Xitavo | XO 1761E ↗ | E3 | 1.7 | R | 76.7 | 11.4 | 0 | 123.3 | 959 | 11 |
| Dahlman | 1215E3N GC ↗ | E3 | 1.5 | NA | 76.5 | 11.9 | 0 | 123.7 | 956 | 12 |
| Zinesto | Z1702E ↗ | E3 | 1.7 | NA | 75.6 | 11.8 | 1 | 121.7 | 945 | 13 |
| Apex | AE1720 ↗ | E3 | 1.7 | R | 75.6 | 11.7 | 1 | 124.3 | 945 | 14 |
| Asgrow | AG18XF1 § ↗ | RXF | 1.8 | R | 75.6 | 11.8 | 0 | 124.0 | 945 | 15 |
| Loyal | L1540E ↗ | E3 | 1.5 | R | 75.5 | 11.7 | 0 | 124.7 | 944 | 16 |
| Genesis | G1680GL ↗ | LLGT27 | 1.6 | R | 75.5 | 11.7 | 0 | 125.5 | 944 | 17 |
| Credenz | CZ 1660GTLL ↗ | LLGT27 | 1.6 | MR | 75.2 | 11.7 | 0 | 121.7 | 940 | 18 |
| Latham | L 1784 XF ↗ | RXF | 1.7 | R | 75.1 | 11.7 | 0 | 121.7 | 939 | 19 |
| Dairyland | DSR-1673E ↗ | E3 | 1.6 | R | 75.0 | 11.9 | 0 | 122.0 | 938 | 20 |
| Hefty | H15XF2 ↗ | RXF | 1.5 | NA | 74.9 | 11.6 | 0 | 123.7 | 936 | 21 |
| Genesis | G1760E ↗ | E3 | 1.7 | R | 74.7 | 11.6 | 0 | 121.7 | 934 | 22 |
| Anderson | 159RXT ↗ | RRX | 1.5 | MR | 74.3 | 11.7 | 0 | 122.7 | 929 | 23 |
| Genesis | G1560E ↗ | E3 | 1.5 | R | 74.3 | 12.2 | 0 | 122.3 | 929 | 24 |
| Federal | F1709N ↗ | LLGT27 | 1.7 | R | 74.3 | 11.9 | 0 | 123.3 | 929 | 25 |
| Zinesto | Z1502E ↗ | E3 | 1.5 | NA | 74.1 | 12.1 | 0 | 122.3 | 926 | 26 |
| Gold Country | 1609X ↗ | RRX | 1.6 | R | 74.0 | 11.4 | 0 | 122.7 | 925 | 27 |
| Pioneer | P18A33X § ↗ | RRX | 1.8 | NA | 73.8 | 11.3 | 0 | 122.0 | 922 | 28 |
| Latham | L 1648 LLGT27 ↗ | LLGT27 | 1.6 | R | 73.6 | 11.8 | 0 | 123.7 | 920 | 29 |
| Latham | L 1558 E3 ↗ | E3 | 1.5 | R | 73.5 | 11.8 | 0 | 122.7 | 919 | 30 |
| Anderson | A151E3 ↗ | E3 | 1.5 | NA | 73.0 | 11.7 | 0 | 125.7 | 912 | 31 |
| Dahlman | 7218XF CK | RXF | 1.8 | NA | 77.0 | 11.9 | 1 | 122.7 | 962 | 9 |
| | | | | | Averages = | 72.9 | 11.8 | 0 | 123.1 | 912 |
| | | | | | LSD (0.10) = | 4.7 | ns | 1 | | |
| | | | | | LSD (0.25) = | 2.4 | ns | 0 | | |
| | | | | | C.V. = | 6.1 | | | | |
| | | | | | | | | | | Historic yield: 65.82 bu/a, 4 yr(s) |

Mark Querna

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$12.50; non-GMO = \$14.50

Report Date: 10/12/2021

† 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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Test by: Southern MN FIRST New Richland, MN

2021 Soybeans Top 30 Harvest Report

Minnesota South Central [MNCS] NERSTRAND, MN
Wheeling Grain Partnership, Keith, Kurt and Brian Schrader,
Rice County, MN 55053

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|-------------------------------|--|
| Full-Season Test | 1.9 - 2.2 Day CRM S2021MNCS08b |
| Top 30 of 54 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Surestart II, Halex Gt |
| SOIL DESCRIPTION: | Littleton silt loam, mod. well drained, non-irrigated |
| SOIL CONDITION: | medium P, high K, 6.4 pH, 4.7% OM, 19.3 CEC |
| TILLAGE/CULTIVATION: | Conventional W/ Fall Till |
| PEST MANAGEMENT: | Zidua Pro, Flexstar, Volunteer |
| FERTILITY - Applied N: | 11 Spring |
| Applied N-P-K (units): | 11-52-120 |
| SEEDED - RATE - ROW: | May 8 140.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 11 123.4 /A |

TEST COMMENTS:

Planted here on May 8 after vertical tillage in corn stalks in a nice seedbed. Seed sat in the ground for 10 days before any rainfall for germination. Rains were just enough all year here. The field was sprayed conventionally, and control was quite good. Pests were not a problem. Plants were tall, and some varieties fell over (see the lodging scores). Temperatures were warm all season and the chart on page 3 of this report shows this site received almost normal rainfall during the growing season.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|----------------|-----------|-----|-------------|-------------------------------------|-------------|-------------|----------------|----------------------|------------|
| Dyna-Gro | S21XF61 ↗ | RXF | 2.1 | R | 84.0 | 12.0 | 0 | 124.0 | 1050 | 1 |
| Zinesto | Z1902E ↗ | E3 | 1.9 | NA | 81.0 | 12.3 | 1 | 123.3 | 1012 | 2 |
| Hefty | H20XF1 ↗ | RXF | 2.0 | NA | 80.2 | 11.6 | 0 | 124.7 | 1002 | 3 |
| LG Seeds | LGS2025XF GC ↗ | RXF | 2.0 | R | 80.2 | 12.2 | 0 | 125.3 | 1002 | 4 |
| Renk | RS219NX ↗ | RRX | 2.1 | R | 79.6 | 11.6 | 1 | 123.0 | 995 | 5 |
| Pioneer | P20T64E GC ↗ | E3 | 2.0 | R | 79.5 | 12.0 | 0 | 122.7 | 994 | 6 |
| Golden Harvest | GH2102XF ↗ | RXF | 2.1 | MR | 78.2 | 11.8 | 2 | 124.3 | 978 | 7 |
| Anderson | 217RXT ↗ | RRX | 2.0 | MR | 78.1 | 11.3 | 2 | 123.3 | 976 | 8 |
| Genesis | G2260E ↗ | E3 | 2.2 | R | 78.1 | 11.8 | 1 | 125.0 | 976 | 9 |
| NK Brand | NK22-C4E3 ↗ | E3 | 2.2 | R | 77.7 | 11.4 | 0 | 124.0 | 971 | 10 |
| Federal | F2121N ↗ | LLGT27 | 2.1 | R | 77.3 | 12.2 | 1 | 123.7 | 966 | 11 |
| Zinesto | Z2202E ↗ | E3 | 2.2 | NA | 77.2 | 12.1 | 0 | 125.3 | 965 | 12 |
| Pioneer | P21A28X § ↗ | RRX | 2.1 | R | 77.0 | 11.4 | 1 | 125.0 | 962 | 14 |
| Credenz | CZ 2121GTLL ↗ | LLGT27 | 2.1 | MR | 76.8 | 12.2 | 0 | 122.3 | 960 | 15 |
| Golden Harvest | GH2292E3 ↗ | E3 | 2.2 | MR | 76.8 | 11.2 | 0 | 124.0 | 960 | 16 |
| Dairyland | DSR-2112E ↗ | E3 | 2.1 | R | 75.8 | 12.1 | 1 | 123.7 | 948 | 17 |
| Dairyland | DSR-2030E ↗ | E3 | 1.9 | R | 75.7 | 11.8 | 3 | 122.3 | 946 | 18 |
| Gold Country | 2250XF ↗ | RXF | 2.2 | R | 75.4 | 12.1 | 0 | 121.7 | 943 | 19 |
| Apex | AE2220 ↗ | E3 | 2.2 | R | 75.2 | 11.8 | 0 | 123.3 | 940 | 20 |
| Apex | AE2110 ↗ | E3 | 2.1 | R | 75.2 | 11.5 | 2 | 123.7 | 940 | 21 |
| Asgrow | AG21XF0 § ↗ | RXF | 2.1 | R | 75.0 | 12.1 | 2 | 122.7 | 938 | 22 |
| Loyal | L2240E ↗ | E3 | 2.2 | R | 74.5 | 11.8 | 4 | 123.3 | 931 | 23 |
| Innotech | IS2089E3 ↗ | E3 | 2.0 | MR | 74.4 | 11.4 | 3 | 122.7 | 930 | 24 |
| Latham | L 2184 R2X ↗ | RRX | 2.1 | R | 73.4 | 11.0 | 10 | 123.3 | 918 | 25 |
| Renk | RS212NXF ↗ | RXF | 2.1 | R | 73.1 | 11.7 | 3 | 123.7 | 914 | 26 |
| Hefty | H20X7 ↗ | RRX | 2.0 | MR | 72.7 | 11.2 | 7 | 122.3 | 909 | 27 |
| Latham | L 2193 E3 ↗ | E3 | 2.1 | R | 72.6 | 11.4 | 2 | 123.0 | 907 | 28 |
| Stine | 21EE62 § ↗ | E3 | 2.1 | R | 72.3 | 12.4 | 1 | 124.3 | 904 | 29 |
| Latham | L 2049 E3 ↗ | E3 | 2.0 | R | 71.6 | 11.6 | 0 | 122.7 | 895 | 30 |
| Anderson | A200E3 ↗ | E3 | 2.0 | NA | 71.5 | 11.7 | 0 | 123.0 | 894 | 31 |
| Dahlman | 7218XF CK | RXF | 1.8 | NA | 77.1 | 12.0 | 5 | 125.0 | 964 | 13 |
| | | | | | Averages = | 72.4 | 11.8 | 4 | 123.4 | 905 |
| | | | | | LSD (0.10) = | 4.5 | 0.5 | 7 | | |
| | | | | | LSD (0.25) = | 2.4 | 0.3 | 4 | | |
| | | | | | C.V. = | 5.9 | | | | |
| | | | | | Historic yield: 65.82 bu/a, 4 yr(s) | | | | | |

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$12.50; non-GMO = \$14.50

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† 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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