

Test by: Southern MN FIRST New Richland, MN

## 2019 Soybeans Top 30 Harvest Report

Minnesota South [MNSO] KASSON, MN  
Brian Herbst, Dodge County, MN 55944

|                               |  |
|-------------------------------|--|
| <b>Early-Season Test</b>      | 1.6 - 1.9 Day CRM<br>S2019MNSO04a                                    |
| <b>Top 30 of 42</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (2) Replications |
| <b>PREV. CROP/HERB:</b>       | Corn / Force, Laudis, atrazine                                       |
| <b>SOIL DESCRIPTION:</b>      | Readlyn silt loam, mod. well<br>drained, non-irrigated               |
| <b>SOIL CONDITION:</b>        | very high P, high K, 6.3 pH,<br>3.1% OM, 17.2 CEC                    |
| <b>TILLAGE/CULTIVATION:</b>   | Conventional W/ Fall Till  |
| <b>PEST MANAGEMENT:</b>       | Brawl, Flexstar, Roundup<br>Powermax, Vaquero                        |
| <b>Applied N-P-K (units):</b> | 10-49-150  |
| <b>SEEDED - RATE - ROW:</b>   | May 26 140.0 /A 30" spacing  |
| <b>HARVESTED - STAND:</b>     | Oct 18 121.3 /A  |

### TEST COMMENTS:

Brian reports over 56" fell this season vs. the average of about 28". Two huge rain events fell in mid to late June. Moderate temps were changing often. Soybeans respond to stresses and, apparently, plenty of moisture and lower solar radiation kept these soybeans filling pods. Brian's yields have been similar to this plot data. Killing frost did not occur here until a few days ago.

| Company/Brand       | Product/Brand | Technol.† | RM  | SCN Resist. | Yield Bu/A  | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------------|---------------|-----------|-----|-------------|-------------|------------|-----------|----------------|----------------------|------|
| ENESTVEDT           | E1418RR2 GC   | RR2Y      | 1.4 | R           | <b>70.5</b> | 12.1       | 0         | 120.4          | 617                  | 1    |
| FEDERAL             | 2090N R2X     | RRX       | 1.9 | R           | <b>70.1</b> | 12.3       | 0         | 124.6          | 612                  | 2    |
| LATHAM              | L 1829 E3     | E3        | 1.8 | R           | <b>69.7</b> | 12.5       | 0         | 121.8          | 610                  | 3    |
| TITAN PRO           | 19E8          | E3        | 1.9 | R           | <b>69.2</b> | 12.5       | 0         | 119.7          | 606                  | 4    |
| HEFTY               | Z1800E        | E3        | 1.8 | R           | <b>68.6</b> | 12.8       | 0         | 122.5          | 599                  | 7    |
| CORNELIUS           | P3 2018E      | E3        | 1.8 | R           | <b>68.5</b> | 12.7       | 0         | 122.5          | 599                  | 6    |
| CORNELIUS           | CB18X80       | RRX       | 1.8 | R           | <b>68.5</b> | 12.5       | 0         | 120.4          | 599                  | 5    |
| GENESIS             | G1840E        | E3        | 1.8 | R           | <b>68.0</b> | 12.9       | 0         | 125.3          | 595                  | 8    |
| DAHLMAN             | 1014E3N GC    | E3        | 1.4 | R           | <b>67.6</b> | 11.8       | 0         | 118.3          | 592                  | 9    |
| DYNA-GRO            | S18XT38       | RRX       | 1.8 | MR          | 67.5        | 11.9       | 0         | 121.8          | 591                  | 10   |
| DYNA-GRO            | S19XT30       | RRX       | 1.9 | R           | 67.2        | 12.2       | 0         | 120.4          | 588                  | 11   |
| ASGROW              | AG19X0 §      | RRX       | 1.9 | R           | 66.9        | 12.4       | 0         | 118.3          | 585                  | 12   |
| LATHAM              | L 1858R2      | RR2Y      | 1.8 | R           | 66.8        | 11.8       | 0         | 116.2          | 584                  | 13   |
| RENK                | RS170NX       | RRX       | 1.6 | R           | 66.8        | 11.8       | 0         | 120.4          | 584                  | 14   |
| NK BRAND            | S18-G4X §     | RRX       | 1.8 | R           | 66.0        | 11.8       | 0         | 121.8          | 578                  | 15   |
| NORTHSTAR           | NS 91974NE3   | E3        | 1.9 | R           | 65.9        | 12.4       | 0         | 119.7          | 576                  | 16   |
| TITAN PRO           | 18E9          | E3        | 1.8 | R           | 65.9        | 13.0       | 0         | 122.5          | 576                  | 17   |
| STINE               | 19GA02 §      | LG27      | 1.9 | R           | 65.3        | 12.0       | 0         | 123.9          | 571                  | 18   |
| PIONEER             | P18A98X §     | RRX       | 1.8 | R           | 64.9        | 11.9       | 0         | 116.9          | 568                  | 20   |
| HEFTY               | Z1900E        | E3        | 1.9 | R           | 64.3        | 12.3       | 0         | 121.1          | 562                  | 21   |
| DAHLMAN             | 6014XN GC     | RRX       | 1.4 | R           | 63.3        | 12.1       | 0         | 119.0          | 553                  | 22   |
| NK BRAND            | S18-H3X §     | RRX       | 1.8 | R           | 62.9        | 11.5       | 0         | 119.0          | 550                  | 23   |
| LATHAM              | L 1983 LLGT27 | LG27      | 1.9 | R           | 62.3        | 11.4       | 0         | 121.1          | 545                  | 24   |
| ANDERSON            | 159RXT GC     | RRX       | 1.5 | MR          | 62.2        | 12.0       | 0         | 120.4          | 543                  | 25   |
| TITAN PRO           | TP-16X88      | RRX       | 1.6 | R           | 61.9        | 11.6       | 0         | 123.9          | 542                  | 26   |
| GOLDEN HARVEST      | GH1915X §     | RRX       | 1.9 | R           | 61.1        | 11.4       | 0         | 123.9          | 535                  | 27   |
| ANDERSON            | 18LG20        | LG27      | 1.8 | MR          | 61.0        | 11.8       | 0         | 121.1          | 534                  | 28   |
| CREDENZ             | CZ 1660GTLL   | LG27      | 1.6 | MR          | 60.5        | 12.2       | 0         | 123.9          | 529                  | 29   |
| NORTHSTAR           | NS 81764NLG+  | LG27      | 1.7 | R           | 59.6        | 11.7       | 0         | 121.1          | 521                  | 30   |
| ASGROW              | AG17X8 §      | RRX       | 1.7 | R           | 59.4        | 11.6       | 0         | 122.5          | 520                  | 31   |
| <b>GOLD COUNTRY</b> | 1939X CK      | RRX       | 1.9 | n/a         | 65.3        | 13.1       | 0         | 121.8          | 570                  | 19   |

*Mark Querna*

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mark.querna@firstseedtests.com, (507) 380-9920

Averages = **63.2** **12.0** **0** **121.3** **553**

LSD (0.10) = 4.3 0.3 0

LSD (0.25) = 2.3 0.2 0

C.V. = 5.3

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.4 Drying = \$0.04 Prices: GMO = \$8.75; non-GMO = \$8.75