

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

2019 Soybeans Top 30 Harvest Report

Wisconsin South [WISO] OREGON, WI

Kevin Klahn, Dane County, WI 53521

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|-------------------------------|---|
| All-Season Test | 1.8 - 2.5 Day CRM S2019WISO02 |
| Top 30 of 72 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Basis Blend, Abundit Edge, Diablo, Realm Q, Clarity, Roundup |
| SOIL DESCRIPTION: | Grays silt loam, well drained, non-irrigated |
| SOIL CONDITION: | very high P, medium K, 5.4 pH, 2.4% OM, 11.3 CEC |
| TILLAGE/CULTIVATION: | No-Till |
| PEST MANAGEMENT: | Metribuzin, Envive, Roundup, Roundup |
| Applied N-P-K (units): | 0-0-129 |
| SEEDED - RATE - ROW: | Jun 8 170.0 /A 15" spacing |
| HARVESTED - STAND: | Nov 24 142.0 /A |

TEST COMMENTS:

The story in this area is mainly weather. Planting went well and stands were good. Every time I looked at a radar this growing season, it seemed that these guys were getting hit. It carried all the way through the fall, delaying harvest until the snow could melt. Plants were all standing well and easy to harvest. Very little disease was noted.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-----------|-----|-------------|-------------|------------|-----------|----------------|----------------------|------|
| STINE | 19EA32 § | E3 | 1.9 | R | 68.8 | 16.6 | 4 | 117.1 | 619 | 1 |
| PIONEER | P21A28X § | RRX | 2.1 | R | 68.7 | 16.5 | 4 | 150.5 | 618 | 2 |
| LATHAM | L 2482R2 | RR2Y | 2.4 | R | 67.9 | 16.7 | 4 | 119.0 | 611 | 3 |
| RENK | RS250NX | RRX | 2.5 | R | 67.8 | 16.4 | 4 | 144.9 | 610 | 4 |
| LATHAM | L 2228R2 | RR2Y | 2.2 | R | 66.9 | 16.7 | 4 | 132.0 | 602 | 5 |
| PIONEER | P24A99X § | RRX | 2.4 | R | 66.8 | 16.9 | 4 | 137.5 | 601 | 6 |
| LATHAM | L2368R2X | RRX | 2.3 | R | 66.4 | 16.8 | 4 | 163.5 | 598 | 7 |
| ASGROW | AG20X9 § | RRX | 2.0 | R | 66.1 | 16.8 | 4 | 133.8 | 595 | 8 |
| ASGROW | AG19X0 § | RRX | 1.9 | R | 66.0 | 17.4 | 4 | 141.2 | 594 | 9 |
| GENESIS | G2181GL | LG27 | 2.2 | R | 65.7 | 16.9 | 4 | 145.0 | 591 | 10 |
| ASGROW | AG24X7 GC | RRX | 2.4 | R | 65.7 | 17.0 | 4 | 105.9 | 591 | 11 |
| LATHAM | L 2597 E3 | E3 | 2.5 | R | 65.0 | 17.1 | 4 | 163.6 | 585 | 12 |
| FS HISOY | HS 19X90 | RRX | 1.9 | R | 64.9 | 16.8 | 4 | 148.7 | 584 | 13 |
| LATHAM | L2295R2X | RRX | 2.2 | R | 64.8 | 16.6 | 4 | 139.4 | 583 | 14 |
| GOLDEN HARVEST | GH2230X | RRX | 2.2 | R | 64.8 | 16.2 | 4 | 148.7 | 583 | 15 |
| NK BRAND | S21-W8X § | RRX | 2.1 | R | 64.6 | 16.6 | 4 | 145.0 | 581 | 16 |
| PIONEER | P23A15X § | RRX | 2.3 | R | 64.4 | 17.4 | 4 | 137.5 | 580 | 17 |
| CREDENZ | CZ 2550GTLL | LG27 | 2.5 | MR | 64.3 | 16.9 | 4 | 156.1 | 579 | 18 |
| PIONEER | P24A80X § | RRX | 2.4 | R | 64.1 | 17.0 | 4 | 161.7 | 577 | 19 |
| FS HISOY | HS 23X70 | RRX | 2.3 | R | 64.1 | 16.6 | 4 | 115.2 | 577 | 20 |
| GOLDEN HARVEST | GH2552X | RRX | 2.5 | MR | 64.0 | 17.0 | 4 | 152.4 | 576 | 21 |
| FS HISOY | HS 19A50 | RR2Y | 1.9 | R | 63.8 | 16.8 | 4 | 178.4 | 574 | 22 |
| HEFTY | H25X0 | RRX | 2.5 | R | 63.3 | 16.6 | 4 | 132.0 | 570 | 23 |
| ASGROW | AG23X8 § | RRX | 2.3 | R | 63.1 | 16.9 | 4 | 143.1 | 568 | 24 |
| GOLDEN HARVEST | GH1915X | RRX | 1.9 | R | 62.7 | 16.2 | 4 | 154.2 | 564 | 25 |
| NK BRAND | S25-V8X | RRX | 2.5 | MR | 62.7 | 17.1 | 4 | 94.8 | 564 | 26 |
| LATHAM | L 2578 LLGT27 | LG27 | 2.5 | R | 62.6 | 16.7 | 4 | 111.5 | 563 | 27 |
| TITAN PRO | 22E8 | E3 | 2.2 | R | 62.4 | 16.9 | 4 | 137.5 | 562 | 28 |
| GENESIS | G2140E | E3 | 2.1 | R | 62.3 | 16.8 | 4 | 154.2 | 561 | 29 |
| HEFTY | Z2301E | E3 | 2.3 | R | 62.2 | 17.8 | 4 | 128.2 | 560 | 30 |

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|--------------|-------------|-------------|----------|--------------|------------|
| Averages = | 61.7 | 16.9 | 4 | 142.0 | 555 |
| LSD (0.10) = | 2.0 | 0.3 | ns | | |
| LSD (0.25) = | 1.1 | 0.2 | ns | | |
| C.V. = | 3.1 | | | | |

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$9.00

2019 Soybeans - Wisconsin South [WISO]

All-Season Test Products (72 Total)

| Company/Brand | Product/Brand | Technology | SCN | RM |
|----------------|---------------|------------|-----|-----|
| ARMOR | 20-D20 | RRX | MR | 2.0 |
| ARMOR | X20E89 | E3 | MR | 2.0 |
| ARMOR | X21E99 | E3 | MR | 2.1 |
| ARMOR | X23E09 | E3 | MR | 2.3 |
| ARMOR | X25D59 | RRX | MR | 2.5 |
| ASGROW | AG19X0 § | RRX | R | 1.9 |
| ASGROW | AG20X9 § | RRX | R | 2.0 |
| ASGROW | AG23X8 § | RRX | R | 2.3 |
| ASGROW | AG24X7 GC | RRX | R | 2.4 |
| ASGROW | AG25X0 § | RRX | R | 2.5 |
| CORNELIUS | CB24X64 | RRX | R | 2.4 |
| CORNELIUS | P3 1924E | E3 | R | 2.4 |
| CORNELIUS | P3 2022B | LG27 | R | 2.2 |
| CORNELIUS | P3 2025B | LG27 | R | 2.5 |
| CREDENZ | CZ 1850GTLL | LG27 | MR | 1.8 |
| CREDENZ | CZ 1859GTLL | LG27 | R | 1.8 |
| CREDENZ | CZ 2040GTLL | LG27 | R | 2.0 |
| CREDENZ | CZ 2360GTLL | LG27 | MR | 2.3 |
| CREDENZ | CZ 2550GTLL | LG27 | MR | 2.5 |
| DYNA-GRO | S16XT58 | RRX | R | 1.6 |
| FS HISOY | HS 18X70 | RRX | R | 1.8 |
| FS HISOY | HS 19A50 | RR2Y | R | 1.9 |
| FS HISOY | HS 19X90 | RRX | R | 1.9 |
| FS HISOY | HS 21X90 | RRX | R | 2.1 |
| FS HISOY | HS 22X90 | RRX | R | 2.2 |
| FS HISOY | HS 23X70 | RRX | R | 2.3 |
| FS HISOY | HS 24X80 | RRX | R | 2.4 |
| GENESIS | G2140E | E3 | R | 2.1 |
| GENESIS | G2181GL | LG27 | R | 2.2 |
| GENESIS | G2340E | E3 | R | 2.3 |
| GOLDEN HARVEST | GH1852X | RRX | R | 1.8 |
| GOLDEN HARVEST | GH1915X | RRX | R | 1.9 |
| GOLDEN HARVEST | GH2041X | RRX | R | 2.0 |
| GOLDEN HARVEST | GH2230X | RRX | R | 2.2 |
| GOLDEN HARVEST | GH2552X | RRX | MR | 2.5 |
| HEFTY | H20X0 | RRX | R | 2.0 |

| Company/Brand | Brand/Product | Technology | RM | SCN |
|---------------|---------------|------------|----|-----|
| HEFTY | H25E0 | E3 | R | 2.5 |
| HEFTY | H25X0 | RRX | R | 2.5 |
| HEFTY | Z1800E | E3 | R | 1.8 |
| HEFTY | Z2000E | E3 | R | 2.0 |
| HEFTY | Z2301E | E3 | R | 2.3 |
| LATHAM | L 2228R2 | RR2Y | R | 2.2 |
| LATHAM | L2295R2X | RRX | R | 2.2 |
| LATHAM | L2368R2X | RRX | R | 2.3 |
| LATHAM | L 2429 E3 | E3 | R | 2.4 |
| LATHAM | L 2482R2 | RR2Y | R | 2.4 |
| LATHAM | L 2549R2X | RRX | R | 2.5 |
| LATHAM | L 2578 LLGT27 | LG27 | R | 2.5 |
| LATHAM | L 2597 E3 | E3 | R | 2.5 |
| NK BRAND | S14-U9X | RRX | MR | 1.4 |
| NK BRAND | S18-H3X § | RRX | R | 1.8 |
| NK BRAND | S20-J5X § | RRX | R | 2.0 |
| NK BRAND | S21-W8X § | RRX | R | 2.1 |
| NK BRAND | S25-V8X | RRX | MR | 2.5 |
| NK BRAND | XD23942 | RRX | R | 2.3 |
| PIONEER | P21A28X § | RRX | R | 2.1 |
| PIONEER | P23A15X § | RRX | R | 2.3 |
| PIONEER | P24A80X § | RRX | R | 2.4 |
| PIONEER | P24A99X § | RRX | R | 2.4 |
| RENK | RS200NX | RRX | R | 2.1 |
| RENK | RS219NX | RRX | R | 2.1 |
| RENK | RS248NX | RRX | R | 2.4 |
| RENK | RS250NX | RRX | R | 2.5 |
| STINE | 19EA32 § | E3 | R | 1.9 |
| TITAN PRO | 18GL8 | LG27 | R | 1.8 |
| TITAN PRO | 20E9 | E3 | R | 2.0 |
| TITAN PRO | 20GL8 | LG27 | R | 2.0 |
| TITAN PRO | 22E8 | E3 | R | 2.2 |
| TITAN PRO | 23E9 | E3 | R | 2.3 |
| TITAN PRO | 24GL9 | LG27 | R | 2.4 |
| TITAN PRO | 25E8 | E3 | R | 2.5 |
| TITAN PRO | TP-20X98 | RRX | R | 2.0 |

Footnotes and Abbreviations Descriptions

Brand Footnotes

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|----|--|
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by FIRST when space permits. |
| § | United Soybean Board sponsored entry |

Soybean Cyst Nematode (SCN) Resistance Rating

| | |
|-----|---------------------|
| S | susceptible |
| MR | moderate resistance |
| R | resistant |
| n/a | info unavailable |

Soybeans Technologies*

| | |
|-------------|---------------------------------|
| E3 | Enlist E3™ |
| LG27 or G27 | LibertyLink® GT27™ |
| LL | LibertyLink® |
| None | Conventional, non-GMO |
| RR | Glyphosate tolerant |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| RRX | Roundup Ready 2 Xtend® |
| ST | Sulfonylurea herbicide tolerant |
