

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

2019 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] MACOMB, IL
Jerry Lewis, McDonough County, IL 61438

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|-------------------------------|--|
| All-Season Test | 2.8 - 3.8 Day CRM S2019ILNC14 |
| Top 30 of 63 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Roundup, Harness Xtra |
| SOIL DESCRIPTION: | Ipava/Rozetta silt loam, well drained, non-irrigated |
| SOIL CONDITION: | high P, very high K, 6.6 pH, 2.6% OM, 14.7 CEC |
| TILLAGE/CULTIVATION: | Minimum W/O Fall Till |
| PEST MANAGEMENT: | Roundup, Warrant |
| Applied N-P-K (units): | 0-0-0 |
| SEEDED - RATE - ROW: | Jun 5 170.0 /A 15" spacing |
| HARVESTED - STAND: | Oct 18 147.5 /A |

TEST COMMENTS:

Emergence was ok, but not great at this plot. Plants seemed to emerge at different stages. There was good vegetative growth on all varieties making them taller than average. Ample amounts of rainfall all season long. Every time I looked at radar during the growing season, it seemed that this plot was getting wet. Plants were standing well. Moistures slightly elevated due to early morning harvest.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-----------|-----|-------------|-------------|------------|-----------|----------------|----------------------|------|
| FS HISOY | HS 38X70 | RRX,ST | 3.8 | R | 65.8 | 14.5 | 1 | 126.4 | 592 | 1 |
| STONE | 2RX3628 | RRX | 3.6 | R | 65.6 | 14.3 | 1 | 169.1 | 590 | 2 |
| NK BRAND | S33-D7X § | RRX | 3.3 | R | 65.3 | 14.2 | 1 | 146.8 | 588 | 3 |
| RENK | RS379NSX | RRX | 3.7 | R | 65.3 | 14.2 | 1 | 157.9 | 588 | 4 |
| NK BRAND | S31-Y2X § | RRX | 3.1 | R | 62.9 | 14.3 | 1 | 120.8 | 566 | 5 |
| FS HISOY | HS 32X90 | RRX | 3.2 | R | 62.8 | 14.8 | 1 | 141.2 | 565 | 6 |
| NK BRAND | S30-M9X § | RRX | 3.0 | MR | 62.8 | 14.2 | 1 | 159.8 | 565 | 7 |
| HEFTY | Z2900E | E3 | 2.9 | R | 62.7 | 13.8 | 1 | 165.4 | 564 | 8 |
| NK BRAND | S35-K9X | RRX | 3.5 | R | 62.4 | 13.8 | 1 | 161.7 | 562 | 9 |
| CREDENZ | CZ 3309GTLL | LG27 | 3.3 | R | 62.2 | 14.3 | 1 | 113.4 | 560 | 10 |
| DYNA-GRO | S36XT09 | RRX | 3.6 | R | 61.7 | 14.0 | 1 | 169.1 | 555 | 12 |
| DONMARIO | DM 34X16 | RRX | 3.4 | R | 61.7 | 14.9 | 1 | 145.0 | 555 | 11 |
| RENK | RS330NSX | RRX | 3.3 | R | 61.7 | 14.3 | 1 | 156.1 | 555 | 13 |
| CORNELIUS | CB33X17 | RRX | 3.3 | R | 61.5 | 13.9 | 1 | 152.4 | 554 | 14 |
| HEFTY | H34X0 | RRX | 3.4 | R | 61.4 | 14.5 | 1 | 163.5 | 553 | 15 |
| GOLDEN HARVEST | GH3324X | RRX | 3.3 | R | 61.0 | 13.2 | 1 | 128.2 | 549 | 16 |
| RENK | RS309NSX | RRX | 3.0 | R | 60.9 | 14.2 | 1 | 159.8 | 548 | 17 |
| RENK | RS280NX | RRX | 2.8 | R | 60.8 | 13.7 | 1 | 178.4 | 547 | 18 |
| CORNELIUS | P3 2028B | LG27 | 2.8 | R | 60.7 | 13.8 | 1 | 156.1 | 546 | 19 |
| HEFTY | Z3000E | E3 | 3.0 | R | 60.6 | 15.2 | 1 | 148.7 | 545 | 21 |
| CREDENZ | CZ 2889GTLL | LG27 | 2.8 | MR | 60.6 | 13.6 | 1 | 124.5 | 545 | 20 |
| NK BRAND | S37-A4X | RRX | 3.7 | R | 60.5 | 14.6 | 1 | 187.7 | 544 | 22 |
| RENK | RS357NX | RRX | 3.5 | R | 60.2 | 13.8 | 1 | 161.7 | 542 | 23 |
| FS HISOY | HS 35X90 | RRX | 3.5 | R | 59.4 | 14.1 | 1 | 113.4 | 535 | 24 |
| DONMARIO | DM 34E11 | E3 | 3.4 | R | 59.3 | 14.5 | 1 | 146.8 | 534 | 25 |
| GENESIS | G3741ES | E3 | 3.7 | R | 59.2 | 14.1 | 1 | 159.8 | 533 | 26 |
| FS HISOY | HS 34X60 | RRX | 3.4 | R | 59.1 | 14.6 | 1 | 109.6 | 532 | 27 |
| STINE | 33GA13 § | LG27 | 3.3 | R | 59.0 | 14.2 | 1 | 167.3 | 531 | 29 |
| PIONEER | P31A22X § | RRX | 3.1 | R | 59.0 | 14.0 | 1 | 156.1 | 531 | 28 |
| GOLDEN HARVEST | GH3546X | RRX | 3.5 | R | 58.6 | 14.0 | 1 | 146.8 | 527 | 30 |

Jason Beyers

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|--------------|-------------|-------------|----------|--------------|------------|
| Averages = | 58.0 | 14.2 | 1 | 147.5 | 522 |
| LSD (0.10) = | 3.4 | 0.6 | 0 | | |
| LSD (0.25) = | 1.8 | 0.3 | 0 | | |
| C.V. = | 5.6 | | | | |

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

All-Season Test Products (63 Total)

| Company/Brand | Brand/Product | Technology | SCN | RM |
|----------------|---------------|------------|-----|-----|
| ASGROW | AG30X9 § | RRX | R | 3.0 |
| ASGROW | AG38X8 § | RRX | R | 3.8 |
| CORNELIUS | CB33X17 | RRX | R | 3.3 |
| CORNELIUS | CB38X89 | RRX | R | 3.8 |
| CORNELIUS | P3 2028B | LG27 | R | 2.8 |
| CORNELIUS | P3 2029E | E3 | R | 2.9 |
| CORNELIUS | P3 2034E | E3 | R | 3.4 |
| CORNELIUS | P3 2036E | E3 | R | 3.6 |
| CREDENZ | CZ 2889GTLL | LG27 | MR | 2.8 |
| CREDENZ | CZ 3309GTLL | LG27 | R | 3.3 |
| CREDENZ | CZ 3519GTLL | LG27 | MR | 3.5 |
| DONMARIO | DM 34E11 | E3 | R | 3.4 |
| DONMARIO | DM 34X16 | RRX | R | 3.4 |
| DONMARIO | DM 3756E | E3 | R | 3.7 |
| DONMARIO | DM 37M3X | RRX | R | 3.7 |
| DYNA-GRO | S33XT79 | RRX | R | 3.3 |
| DYNA-GRO | S35EN99 | E3 | R | 3.5 |
| DYNA-GRO | S36XT09 | RRX | R | 3.6 |
| FS HISOY | HS 28X70 | RRX | R | 2.8 |
| FS HISOY | HS 31X60 | RRX | R | 3.1 |
| FS HISOY | HS 32X90 | RRX | R | 3.2 |
| FS HISOY | HS 33X80 | RRX | R | 3.3 |
| FS HISOY | HS 34X60 | RRX | R | 3.4 |
| FS HISOY | HS 35X90 | RRX | R | 3.5 |
| FS HISOY | HS 37X70 | RRX | R | 3.7 |
| FS HISOY | HS 38X70 | RRX,ST | R | 3.8 |
| GENESIS | G3140ES | E3 | R | 3.1 |
| GENESIS | G3741ES | E3 | R | 3.7 |
| GOLDEN HARVEST | GH2808X | RRX | R | 2.8 |
| GOLDEN HARVEST | GH3088X | RRX | MR | 3.0 |
| GOLDEN HARVEST | GH3324X | RRX | R | 3.3 |
| GOLDEN HARVEST | GH3475X | RRX | R | 3.4 |
| GOLDEN HARVEST | GH3546X | RRX | R | 3.5 |
| GOLDEN HARVEST | GH3728X | RRX | R | 3.7 |
| GREAT HEART | GT-3360XS | RRX,ST | R | 3.3 |
| GREAT HEART | GT-3711XS | RRX,ST | R | 3.7 |

| Company/Brand | Brand/Product | Technology | RM | SCN |
|---------------|---------------|------------|----|-----|
| HEFTY | H34X0 | RRX | R | 3.4 |
| HEFTY | Z2900E | E3 | R | 2.9 |
| HEFTY | Z3000E | E3 | R | 3.0 |
| HEFTY | Z3001E | E3 | R | 3.0 |
| HEFTY | Z3300E | E3 | R | 3.3 |
| HEFTY | Z3700E | E3 | R | 3.7 |
| NK BRAND | S29-K3X | RRX | R | 2.9 |
| NK BRAND | S30-M9X § | RRX | MR | 3.0 |
| NK BRAND | S31-Y2X § | RRX | R | 3.1 |
| NK BRAND | S33-D7X § | RRX | R | 3.3 |
| NK BRAND | S35-K9X | RRX | R | 3.5 |
| NK BRAND | S37-A4X | RRX | R | 3.7 |
| PIONEER | P31A22X § | RRX | R | 3.1 |
| PIONEER | P33A53X § | RRX | R | 3.3 |
| PIONEER | P36A18X § | RRX | R | 3.6 |
| RENK | RS280NX | RRX | R | 2.8 |
| RENK | RS309NSX | RRX | R | 3.0 |
| RENK | RS330NSX | RRX | R | 3.3 |
| RENK | RS357NX | RRX | R | 3.5 |
| RENK | RS379NSX | RRX | R | 3.7 |
| STINE | 33GA13 § | LG27 | R | 3.3 |
| STONE | 2RX2929 | RRX | R | 2.9 |
| STONE | 2RX3527 | RRX | R | 3.5 |
| STONE | 2RX3628 | RRX | R | 3.6 |
| TITAN PRO | 32E9 | E3 | R | 3.2 |
| TITAN PRO | 34E8 | E3 | R | 3.4 |
| TITAN PRO | 37E9 | E3 | R | 3.7 |

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 |

Soybeans Technologies*

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|------|---------------------------------|
| E3 | Enlist E3™ |
| G27 | 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 |

Soybean Cyst Nematode (SCN) Resistance Rating

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