

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

2020 Soybeans Top 30 Harvest Report

Illinois North [ILNO] DIXON, IL
Harrold Wiggins, Lee County, IL 61021

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|-------------------------------|--|
| All-Season Test | 2.4 - 3.3 Day CRM S2020ILNO10 |
| Top 30 of 72 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Double Header, Atrazine, Makaze Yield Pro, Status |
| SOIL DESCRIPTION: | Oscosilt loam, well drained, non-irrigated |
| SOIL CONDITION: | high P, very high K, 5.7 pH, 2.7% OM, 16.8 CEC |
| TILLAGE/CULTIVATION: | Minimum W/O Fall Till |
| PEST MANAGEMENT: | Roundup, Intensity One |
| Applied N-P-K (units): | 27-69-120 |
| SEEDED - RATE - ROW: | May 9 170.0 /A 15" spacing |
| HARVESTED - STAND: | Oct 6 165.3 /A |

TEST COMMENTS:

Planting conditions were ideal. The plot received good rainfall until August, which really hurt pod fill on the top 6" of the plants. There was very little lodging to note because most of the plants were less than two feet tall. There was no evidence of any diseases present. Seed size was small as well, but the plot still yielded nice.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|-----------------|------------|------------|-------------|--------------|-------------|-----------|----------------|----------------------|-----------|
| NK BRAND | S31-Y2X | RRX | 3.1 | R | 74.5 | 11.1 | 1 | 147.7 | 670 | 1 |
| FS HISOY | HS 25E00 | E3 | 2.5 | R | 72.5 | 10.4 | 1 | 184.0 | 652 | 2 |
| PIONEER | P31A22X § | RRX | 3.1 | R | 72.2 | 10.7 | 3 | 145.0 | 650 | 3 |
| RENK | RS280NX | RRX | 2.8 | R | 71.6 | 10.2 | 1 | 161.7 | 644 | 4 |
| STINE | 24EA12 § | E3 | 2.4 | R | 71.5 | 9.9 | 1 | 181.0 | 644 | 5 |
| NK BRAND | S28-E3 | E3 | 2.8 | MR | 70.9 | 10.0 | 1 | 156.0 | 638 | 6 |
| GENESIS | G3350E | E3 | 3.3 | R | 70.9 | 13.1 | 1 | 161.7 | 638 | 7 |
| FS HISOY | HS 28X70 | RRX | 2.8 | R | 70.5 | 9.9 | 1 | 175.7 | 634 | 8 |
| HEFTY | H33X0 | RRX | 3.3 | R | 70.4 | 12.6 | 2 | 172.7 | 634 | 9 |
| APEX | AE2510 | E3 | 2.5 | R | 69.6 | 10.1 | 1 | 181.3 | 626 | 10 |
| GENESIS | G2550E | E3 | 2.5 | R | 69.5 | 9.9 | 1 | 178.3 | 626 | 11 |
| STONE | 2RX2639 | RRX | 2.6 | R | 69.4 | 9.8 | 1 | 159.0 | 625 | 12 |
| ZINESTO | Z3111E | E3 | 3.1 | R | 69.0 | 10.8 | 1 | 186.7 | 621 | 13 |
| GENESIS | G2840E | E3 | 2.8 | R | 68.9 | 10.2 | 1 | 167.0 | 620 | 14 |
| RENK | RS248NX | RRX | 2.4 | R | 68.6 | 10.0 | 1 | 150.3 | 617 | 15 |
| APEX | AE2800 | E3 | 2.8 | R | 68.5 | 9.7 | 1 | 153.3 | 616 | 16 |
| ASGROW | AG27X0 § | RRX | 2.7 | R | 68.2 | 9.7 | 1 | 164.3 | 614 | 17 |
| GOLDEN HARVEST | GH2788X | RRX | 2.7 | R | 68.1 | 10.2 | 1 | 181.0 | 613 | 18 |
| NK BRAND | S27-M8X § | RRX | 2.7 | R | 68.0 | 9.9 | 1 | 161.7 | 612 | 19 |
| FS HISOY | HS 32E00 | E3 | 3.2 | R | 68.0 | 13.9 | 2 | 150.7 | 610 | 20 |
| ASGROW | AG26X8 GC | RRX | 2.6 | R | 67.8 | 9.8 | 2 | 167.3 | 610 | 21 |
| DONMARIO | DM 28J9X | RRX | 2.8 | R | 67.6 | 10.1 | 1 | 170.0 | 608 | 22 |
| CORNELIUS | CB33X17 | RRX | 3.3 | R | 67.6 | 13.7 | 2 | 150.7 | 607 | 24 |
| NUTECH | 26N04E | E3 | 2.6 | R | 67.5 | 10.0 | 1 | 184.0 | 608 | 23 |
| FS HISOY | HS 32X90 | RRX | 3.2 | R | 67.5 | 13.9 | 3 | 156.0 | 606 | 26 |
| NUTECH | 24N04E | E3 | 2.4 | R | 67.4 | 10.7 | 1 | 198.0 | 607 | 25 |
| NUTECH | 31N06E | E3 | 3.1 | R | 67.0 | 11.6 | 1 | 181.3 | 603 | 27 |
| PIONEER | P24A80X GC | RRX | 2.4 | R | 66.9 | 10.4 | 2 | 170.0 | 602 | 28 |
| NK BRAND | S30-M9X § | RRX | 3.0 | R | 66.9 | 10.4 | 1 | 161.7 | 602 | 29 |
| STINE | 26EB23 § | E3 | 2.6 | R | 66.7 | 10.2 | 1 | 167.3 | 600 | 30 |

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|--------------|-------------|-------------|----------|--------------|------------|
| Averages = | 66.0 | 10.9 | 1 | 165.3 | 594 |
| LSD (0.10) = | 3.5 | 0.6 | 1 | | |
| LSD (0.25) = | 1.8 | 0.3 | 1 | | |
| C.V. = | 5.0 | | | | |

Historic yield: 63.3 bu/a, 1 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$9.00

2020 Soybeans - Illinois North [ILNO]

All-Season Test Products (72 Total)

| Company/Brand | Product/Brand | Technology | SCN | RM | Seed Treat. |
|----------------|---------------|------------|-----|-----|-------------|
| APEX | AE2510 | E3 | R | 2.5 | CMBV,SA |
| APEX | AE2800 | E3 | R | 2.8 | CMBV,SA |
| APEX | AE3001 | E3 | R | 3.0 | CMBV,SA |
| APEX | AE3110 | E3 | R | 3.1 | CMBV,SA |
| APEX | AE3310 | E3 | R | 3.3 | CMBV,SA |
| ASGROW | AG25X9 GC | RRX | R | 2.5 | NA |
| ASGROW | AG26X0 § | RRX | R | 2.6 | NA |
| ASGROW | AG26X8 GC | RRX | R | 2.6 | NA |
| ASGROW | AG27X0 § | RRX | R | 2.7 | NA |
| ASGROW | AG33X0 § | RRX | R | 3.3 | NA |
| CORNELIUS | CB29X33 | RRX | R | 2.9 | PG+ |
| CORNELIUS | CB33X17 | RRX | R | 3.3 | PG+ |
| DONMARIO | DM 28J9X | RRX | R | 2.8 | CMBV,SA |
| DONMARIO | DM 31X61 | RRX | R | 3.1 | CMBV,SA |
| DONMARIO | DM 34X16 | RRX | R | 3.4 | CMBV,SA |
| DYNA-GRO | S28XT58 | RRX | R | 2.8 | EQV,SA |
| DYNA-GRO | S30EN70 | E3 | R | 3.0 | EQV,SA |
| DYNA-GRO | S32EN01 | E3 | R | 3.2 | EQV,SA |
| FS HISOY | HS 24X80 | RRX | R | 2.4 | ACi,SA |
| FS HISOY | HS 25E00 | E3 | R | 2.5 | ACi,SA |
| FS HISOY | HS 27X90 | RRX | R | 2.7 | ACi,SA |
| FS HISOY | HS 28X70 | RRX | R | 2.8 | ACi,SA |
| FS HISOY | HS 30X00 | RRX | R | 3.0 | ACi,SA |
| FS HISOY | HS 32E00 | E3 | R | 3.2 | ACi,SA |
| FS HISOY | HS 32X90 | RRX | R | 3.2 | ACi,SA |
| GENESIS | G2550E | E3 | R | 2.5 | CMBV,SA |
| GENESIS | G2840E | E3 | R | 2.8 | CMBV,SA |
| GENESIS | G3040E | E3 | R | 3.0 | CMBV,SA |
| GENESIS | G3150E | E3 | R | 3.1 | CMBV,SA |
| GENESIS | G3350E | E3 | R | 3.3 | CMBV,SA |
| GOLDEN HARVEST | GH2788X | RRX | R | 2.7 | CMBV,SA |
| GOLDEN HARVEST | GH2818E3 | E3 | MR | 2.8 | CMBV,SA |
| GOLDEN HARVEST | GH3088X | RRX | R | 3.0 | CMBV,SA |
| GOLDEN HARVEST | GH3152E3S § | E3,ST | MR | 3.1 | CMBV,SA |
| GOLDEN HARVEST | GH3347X | RRX | R | 3.3 | CMBV,SA |
| GOLDEN HARVEST | GH3380E3 | E3 | NA | 3.3 | CMBV,SA |

| Company/Brand | Brand/Product | Technology | RM | SCN | Seed Treat. |
|---------------|---------------|------------|----|-----|-------------|
| HEFTY | H25X0 | RRX | R | 2.5 | HCS |
| HEFTY | H28X8 | RRX | R | 2.8 | Untreated |
| HEFTY | H29X8 | RRX | MR | 2.9 | HCS |
| HEFTY | H33X0 | RRX | R | 3.3 | HCS |
| NK BRAND | S27-M8X § | RRX | R | 2.7 | CMBV,SA |
| NK BRAND | S28-E3 | E3 | MR | 2.8 | CMBV,SA |
| NK BRAND | S30-E3 | E3 | R | 3.0 | CMBV,SA |
| NK BRAND | S30-M9X § | RRX | R | 3.0 | CMBV,SA |
| NK BRAND | S31-Y2X | RRX | R | 3.1 | CMBV,SA |
| NK BRAND | S33-2E3 | E3 | NA | 3.3 | CMBV,SA |
| NUTECH | 24N02E | E3 | R | 2.4 | Lum,G,IL |
| NUTECH | 24N04E | E3 | R | 2.4 | Lum,G,IL |
| NUTECH | 26N04E | E3 | R | 2.6 | Lum,G,IL |
| NUTECH | 28N02E | E3 | R | 2.8 | Lum,G,IL |
| NUTECH | 30N03E | E3 | R | 3.0 | Lum,G,IL |
| NUTECH | 31N06E | E3 | R | 3.1 | Lum,G,IL |
| P3 GENETICS | 2029E | E3 | R | 2.9 | PG+ |
| P3 GENETICS | 2131E | E3 | R | 3.1 | PG+ |
| PIONEER | P24A80X GC | RRX | R | 2.4 | NA |
| PIONEER | P25A04X § | RRX | R | 2.5 | NA |
| PIONEER | P27A17X § | RRX | R | 2.7 | NA |
| PIONEER | P31A22X § | RRX | R | 3.1 | NA |
| RENK | RS248NX | RRX | R | 2.4 | EcTC,SA |
| RENK | RS250NX | RRX | R | 2.5 | EcTC,SA |
| RENK | RS280NX | RRX | R | 2.8 | EcTC,SA |
| RENK | RS301NX | RRX | R | 3.1 | EcTC,SA |
| STINE | 24EA12 § | E3 | R | 2.4 | NA |
| STINE | 26EB23 § | E3 | R | 2.6 | NA |
| STINE | 27EC20 § | E3 | R | 2.7 | NA |
| STONE | 2RX2639 | RRX | R | 2.6 | NA |
| STONE | 2RX3120 | RRX | R | 3.1 | NA |
| ZINESTO | Z2401E | E3 | R | 2.4 | NA |
| ZINESTO | Z2501E | E3 | R | 2.5 | NA |
| ZINESTO | Z2701E | E3 | R | 2.7 | NA |
| ZINESTO | Z3101E | E3 | R | 3.1 | NA |
| ZINESTO | Z3111E | E3 | R | 3.1 | NA |

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 |
| RRX | Roundup Ready 2 Xtend® |
| ST | Sulfonylurea tolerant |

Soybeans Seed Treatments**

| | |
|-----------|--|
| NA | Not Available |
| ACi,SA | Acceleron Standard fungicide + insecticide, Saltro |
| CMBV,SA | Cruisermaxx, Vibrance, Saltro |
| EcTC,SA | Eclipse US Total Coverage Trio IM, N-Force, Saltro |
| EQV,SA | Equity VIP, Saltro |
| HCS | Hefty Complete Soybeans |
| Lum,G,IL | Lumisena, Gaucho, ILeVO |
| PG+ | Profit Guard + |
| Untreated | No seed treatment |

** Seed treatments may include unspecified plant health promoting components.