

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

2021 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] TUSCOLA, IL
Silver Top Enterprises, Curt Clapper, Douglas County, IL
61953

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|-------------------------------|--|
| All-Season Test | Maturity Group 3.3 - 4.3 S2021ILSC18 |
| Top 30 of 72 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Halex Gt, Aatrex, 41% Glyphos, Force |
| SOIL DESCRIPTION: | Drummer, Flanagan silty clay loam, mod. well drained, non- irrigated |
| SOIL CONDITION: | very high P, medium K, 6.2 pH, 3.9% OM, 22.8 CEC |
| TILLAGE/CULTIVATION: | Conventional W/ Fall Till |
| PEST MANAGEMENT: | Cheetah Pro, Outlook, Clethodim |
| Applied N-P-K (units): | 0-0-0 |
| SEEDED - RATE - ROW: | May 14 160.0 /A 15" spacing |
| HARVESTED - STAND: | Nov 5 156.8 /A |

TEST COMMENTS:

This location was planted in absolutely ideal soil conditions and had very nice emergence. Throughout the growing season, this plot looked awesome and showed lots of potential. Tall plants and large pod sets were common, and three and four pod clusters were the norm. No disease of any kind was noted in this field. Green stem was still observed in at least 1/3 of the plots but the plants were still fairly easy to harvest.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|------------------|------------|------------|-------------|--------------|-------------|-----------|----------------|----------------------|-----------|
| Xitavo | XO 3861E ↗ | E3,ST | 3.8 | R | 88.5 | 15.4 | 11 | 164.7 | 1150 | 1 |
| NK Brand | NK37-Z9XF ↗ | RXF | 3.7 | R | 85.7 | 15.6 | 13 | 162.0 | 1114 | 2 |
| Loyal | L3940E ↗ | E3 | 3.9 | R | 85.1 | 15.4 | 9 | 153.3 | 1106 | 3 |
| Genesis | G3760ES ↗ | E3,ST | 3.7 | R | 84.9 | 15.2 | 14 | 159.0 | 1104 | 4 |
| Pioneer | P34T21SE § ↗ | E3,ST | 3.4 | R | 84.7 | 14.9 | 11 | 150.7 | 1101 | 5 |
| AgriGold | G3451E3 ↗ | E3 | 3.4 | R | 84.3 | 15.2 | 38 | 153.7 | 1096 | 6 |
| NuTech | 35N03E ↗ | E3 | 3.5 | R | 84.1 | 15.2 | 19 | 167.3 | 1093 | 7 |
| NuTech | 39N05E ↗ | E3 | 3.9 | R | 83.3 | 15.2 | 10 | 158.7 | 1083 | 8 |
| Genesis | G4160E ↗ | E3 | 4.1 | R | 83.1 | 15.6 | 16 | 159.0 | 1080 | 9 |
| Stine | 39EC22 § ↗ | E3 | 3.9 | R | 82.7 | 15.5 | 6 | 167.3 | 1075 | 10 |
| Apex | AE4120 ↗ | E3 | 4.1 | R | 82.4 | 15.4 | 14 | 153.3 | 1071 | 11 |
| Genesis | G3560E ↗ | E3 | 3.5 | R | 81.9 | 15.7 | 9 | 170.3 | 1065 | 12 |
| Apex | AE3720S ↗ | E3,ST | 3.6 | R | 81.8 | 15.5 | 25 | 148.0 | 1063 | 13 |
| Xitavo | XO 3651E ↗ | E3 | 3.6 | R | 81.7 | 15.2 | 10 | 156.3 | 1062 | 14 |
| Loyal | L3641ES ↗ | E3,ST | 3.6 | R | 81.5 | 15.1 | 26 | 142.3 | 1060 | 15 |
| Apex | AE3520 ↗ | E3 | 3.5 | R | 81.2 | 15.5 | 14 | 156.3 | 1056 | 16 |
| NuTech | 43N04E ↗ | E3 | 4.3 | R | 81.1 | 15.3 | 19 | 147.7 | 1054 | 17 |
| Donmario | DM3756E ↗ | E3 | 3.7 | R | 81.0 | 15.4 | 25 | 173.0 | 1053 | 18 |
| Dyna-Gro | S37XF42 ↗ | RXF | 3.7 | MR | 81.0 | 15.0 | 7 | 164.3 | 1053 | 19 |
| FS HiSOY | 37E10 ↗ | E3 | 3.7 | R | 81.0 | 15.1 | 20 | 159.0 | 1053 | 20 |
| Renk | RS392NXF ↗ | RRX | 3.9 | R | 81.0 | 15.5 | 14 | 156.3 | 1053 | 21 |
| Genesis | G3960E ↗ | E3 | 3.9 | R | 80.7 | 15.7 | 15 | 145.0 | 1049 | 22 |
| Asgrow | AG38XF1 § ↗ | RXF | 3.8 | R | 80.6 | 15.6 | 17 | 153.3 | 1048 | 23 |
| Dyna-Gro | S37ES52 ↗ | E3 | 3.7 | R | 80.5 | 15.0 | 27 | 151.0 | 1046 | 24 |
| NuTech | 39N04E ↗ | E3 | 3.9 | R | 80.4 | 15.2 | 10 | 164.3 | 1045 | 25 |
| AgriGold | G3755E3 ↗ | E3 | 3.7 | R | 80.4 | 15.5 | 29 | 164.7 | 1045 | 26 |
| NuTech | 37N01E ↗ | E3 | 3.7 | R | 80.0 | 14.9 | 6 | 150.3 | 1040 | 27 |
| NK Brand | NK34-G1XF ↗ | RXF | 3.4 | MR | 79.9 | 15.2 | 11 | 161.7 | 1039 | 28 |
| NK Brand | NK39-A1XF ↗ | RXF | 3.9 | R | 79.9 | 15.1 | 11 | 162.0 | 1039 | 29 |
| Donmario | DM37F51 ↗ | RXF | 3.7 | NA | 79.9 | 15.3 | 14 | 164.7 | 1039 | 30 |

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Averages = **78.6** **15.2** **17** **156.8** **1021**

LSD (0.10) = 1.9 0.3 9

LSD (0.25) = 1.0 0.2 5

C.V. = 2.4 Historic yield: 53.42 bu/a, 20 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.00

Report Date: 11/05/2021

† 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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