

Test by: Agri Seed Research, LLC Louisburg, KS

2019 Soybeans Top 30 Harvest Report

Kansas East Central [KSEC] STILWELL, KS
Bruce Betts, Johnson County, KS 66013

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|-------------------------------|--|
| All-Season Test | 3.7 - 4.7 Day CRM S2019KSEC03 |
| Top 30 of 36 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Degree, atrazine |
| SOIL DESCRIPTION: | Grundy silt loam, moderately drained, non-irrigated |
| SOIL CONDITION: | medium P, medium K, 6.1 pH, 3.5% OM, 18.3 CEC |
| TILLAGE/CULTIVATION: | No-Till |
| PEST MANAGEMENT: | 2,4-D, Sharpen, Sencor, Fomesafen, Dual, Glyphosate, Cadet |
| Applied N-P-K (units): | 11-52-60 |
| SEDED - RATE - ROW: | Jun 20 150.0 /A 30" spacing |
| HARVESTED - STAND: | Nov 14 129.9 /A |

TEST COMMENTS:

This site was planted into a clean seedbed and emerged very uniform despite having a hard rain after planting. Timely rains fell all summer long, at times excess moisture seemed to slow growth. Plants were tall and standing well at harvest. Four bean pods were seen throughout the plot. Weed control was excellent.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-----------|-----|-------------|-------------|------------|-----------|----------------|----------------------|------|
| LEWIS | 4572X | RRX,ST | 4.5 | R | 59.2 | 11.9 | 0 | 129.4 | 509 | 1 |
| HOEGEMEYER | 4860 E | E3 | 4.7 | R | 58.8 | 12.3 | 0 | 127.8 | 506 | 2 |
| HOEGEMEYER | 4051 NX | RRX | 4.0 | R | 57.5 | 12.2 | 0 | 131.1 | 494 | 3 |
| DYNA-GRO | S46XS60 | RRX,ST | 4.6 | R | 57.2 | 12.1 | 0 | 129.4 | 492 | 4 |
| LEWIS | 4393X | RRX,ST | 4.3 | R | 57.1 | 12.2 | 0 | 131.1 | 491 | 5 |
| PIONEER | P42A96X § | RRX | 4.2 | MR | 55.6 | 12.4 | 0 | 129.4 | 478 | 6 |
| CREDENZ | CZ 4410GTLL | LG27 | 4.4 | R | 55.5 | 12.1 | 0 | 127.8 | 477 | 7 |
| GOLDEN HARVEST | GH4741X | RRX | 4.7 | R | 54.5 | 12.4 | 0 | 129.4 | 469 | 8 |
| STINE | 41EA12 | E3 | 4.1 | R | 54.0 | 12.2 | 0 | 129.4 | 464 | 9 |
| GOLDEN HARVEST | GH3934X | RRX | 3.9 | R | 54.0 | 12.1 | 0 | 131.1 | 464 | 10 |
| NK BRAND | S43-V3X | RRX | 4.3 | R | 53.9 | 12.5 | 0 | 129.4 | 464 | 11 |
| HOEGEMEYER | 4331 NX | RRX | 4.3 | R | 53.6 | 12.5 | 0 | 131.1 | 461 | 12 |
| NK BRAND | S46-W2X | RRX, ST | 4.6 | R | 53.3 | 12.2 | 0 | 129.4 | 458 | 13 |
| LEWIS | 4272X | RRX,ST | 4.2 | R | 52.3 | 12.4 | 0 | 129.4 | 450 | 14 |
| GOLDEN HARVEST | GH4628X | RRX | 4.6 | R | 52.3 | 12.2 | 0 | 127.8 | 450 | 15 |
| GOLDEN HARVEST | GH4531XS | RRX, ST | 4.5 | R | 52.0 | 12.5 | 0 | 132.7 | 447 | 16 |
| LEWIS | 3872X | RRX | 3.8 | R | 51.8 | 12.2 | 0 | 132.7 | 445 | 17 |
| LEWIS | 3803X | RRX | 3.8 | MR | 51.7 | 12.6 | 0 | 131.1 | 445 | 18 |
| DYNA-GRO | S42EN89 | E3 | 4.2 | R | 51.7 | 12.4 | 0 | 127.8 | 445 | 19 |
| ASGROW | AG44X0 | RRX | 4.4 | R | 51.3 | 12.7 | 0 | 127.8 | 441 | 20 |
| LEWIS | 4091X | RRX | 4.0 | R | 51.3 | 12.6 | 0 | 134.4 | 441 | 21 |
| PIONEER | P39A58X § | RRX | 3.9 | NA | 51.0 | 11.9 | 0 | 129.4 | 439 | 22 |
| DYNA-GRO | S43XS70 | RRX,ST | 4.3 | R | 50.8 | 12.4 | 0 | 129.4 | 437 | 23 |
| ASGROW | AG43X0 | RRX,ST | 4.3 | R | 50.7 | 12.5 | 0 | 131.1 | 436 | 24 |
| LEWIS | 4182X | RRX,ST | 4.1 | R | 50.6 | 12.6 | 0 | 127.8 | 435 | 25 |
| STINE | 36EA02 | E3 | 3.6 | R | 50.3 | 12.4 | 0 | 131.1 | 433 | 26 |
| CREDENZ | CZ 4610GTLL | LG27 | 4.6 | MR | 49.7 | 12.4 | 0 | 127.8 | 427 | 27 |
| DYNA-GRO | S41XS98 | RRX,ST | 4.1 | R | 49.3 | 12.4 | 0 | 131.1 | 424 | 28 |
| CREDENZ | CZ4240GTLL | LG27 | 4.2 | MR | 49.3 | 11.9 | 0 | 131.1 | 424 | 29 |
| STINE | 39EA02 | E3 | 3.9 | R | 48.9 | 12.6 | 0 | 131.1 | 421 | 30 |



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|--------------|-------------|-------------|----------|--------------|------------|
| Averages = | 52.1 | 12.3 | 0 | 129.9 | 448 |
| LSD (0.10) = | 3.2 | 0.2 | ns | | |
| LSD (0.25) = | 1.7 | 0.1 | ns | | |
| C.V. = | 5.7 | | | | |

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$8.60

2019 Soybeans - Kansas East Central [KSEC]

All-Season Test Products (36 Total)

| Company/Brand | Product/Brand | Technology | SCN | RM |
|----------------|---------------|------------|-----|-----|
| ASGROW | AG39X7 | RRX,ST | R | 3.9 |
| ASGROW | AG43X0 | RRX,ST | R | 4.3 |
| ASGROW | AG44X0 | RRX | R | 4.4 |
| CREDENZ | CZ3930GTLL | LG27 | MR | 3.9 |
| CREDENZ | CZ4240GTLL | LG27 | MR | 4.2 |
| CREDENZ | CZ 4410GTLL | LG27 | R | 4.4 |
| CREDENZ | CZ 4610GTLL | LG27 | MR | 4.6 |
| DYNA-GRO | S41XS98 | RRX,ST | R | 4.1 |
| DYNA-GRO | S42EN89 | E3 | R | 4.2 |
| DYNA-GRO | S43XS70 | RRX,ST | R | 4.3 |
| DYNA-GRO | S46XS60 | RRX,ST | R | 4.6 |
| GOLDEN HARVEST | GH3934X | RRX | R | 3.9 |
| GOLDEN HARVEST | GH4531XS | RRX, ST | R | 4.5 |
| GOLDEN HARVEST | GH4628X | RRX | R | 4.6 |
| GOLDEN HARVEST | GH4741X | RRX | R | 4.7 |
| HOEGEMEYER | 4051 NX | RRX | R | 4.0 |
| HOEGEMEYER | 4241 NX | RRX | R | 4.2 |
| HOEGEMEYER | 4331 NX | RRX | R | 4.3 |
| HOEGEMEYER | 4681 NX | RRX | R | 4.6 |
| HOEGEMEYER | 4860 E | E3 | R | 4.7 |
| LEWIS | 3803X | RRX | MR | 3.8 |
| LEWIS | 3872X | RRX | R | 3.8 |
| LEWIS | 4091X | RRX | R | 4.0 |
| LEWIS | 4182X | RRX,ST | R | 4.1 |
| LEWIS | 4272X | RRX,ST | R | 4.2 |
| LEWIS | 4393X | RRX,ST | R | 4.3 |
| LEWIS | 4572X | RRX,ST | R | 4.5 |
| LEWIS | 4702X | RRX,ST | MR | 4.7 |
| NK BRAND | S39-G2X | RRX | R | 3.9 |
| NK BRAND | S43-V3X | RRX | R | 4.3 |
| NK BRAND | S46-W2X | RRX, ST | R | 4.6 |
| PIONEER | P39A58X § | RRX | NA | 3.9 |
| PIONEER | P42A96X § | RRX | MR | 4.2 |
| STINE | 36EA02 | E3 | R | 3.6 |
| STINE | 39EA02 | E3 | R | 3.9 |
| STINE | 41EA12 | E3 | R | 4.1 |

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

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|-----|---------------------|
| 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 |
