

Test by: Agri Seed Research, LLC Louisburg, KS

2020 Soybeans Top 30 Harvest Report

Kansas Northeast [KSNE] ONAGA, KS
Travis Greene, Pottawatomie County, KS 66418

| | |
|-------------------------------|----------------------------------------------------------------------|
| All-Season Test | 3.4 - 4.4 Day CRM S2020KSNE07 |
| Top 30 of 36 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybean / Authority, Fomesafen |
| SOIL DESCRIPTION: | Tully silty clay loam, moderately drained, non-irrigated |
| SOIL CONDITION: | low P, low K, 6.7 pH, 2.7% OM, 19.3 CEC |
| TILLAGE/CULTIVATION: | No-Till |
| PEST MANAGEMENT: | Dicamba(Burndown), Glyphosate, Sencor, Fomesafen, Dual |
| Applied N-P-K (units): | 0-0-0 |
| SEDED - RATE - ROW: | Jun 2 140.0 /A 30" spacing |
| HARVESTED - STAND: | Nov 3 130.1 /A |

TEST COMMENTS:

This location emerged unevenly early on but by V3 had evened up and looked good. July brought some showers with late August getting dry. At harvest, some of the 3 bean pods only had 2 beans present. Plants were 28-33 inches tall at harvest and standing well. Great weed control.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|---------------|-----------|-----|-------------|--------------|------------|-----------|----------------|----------------------|------|
| DONMARIO | DM 40X61 | RRX | 4.0 | R | 49.8 | 10.8 | 0 | 127.3 | 483 | 1 |
| CREDENZ | CZ 3750GTLL | LLGT27 | 3.7 | R | 49.7 | 11.1 | 0 | 132.3 | 482 | 2 |
| HOEGEMEYER | 3591 E | E3 | 3.5 | R | 48.9 | 11.2 | 0 | 132.3 | 474 | 3 |
| GOLDEN HARVEST | GH3934X § | RRX | 3.9 | R | 48.8 | 11.5 | 0 | 129.0 | 473 | 4 |
| ASGROW | AG39X0 § | RRX,ST | 3.9 | R | 48.4 | 10.8 | 0 | 130.7 | 469 | 5 |
| HEFTY | H39X8 § | RRX | 3.9 | MR | 48.3 | 10.6 | 0 | 132.3 | 469 | 6 |
| CREDENZ | CZ 4410GTLL | LLGT27 | 4.4 | R | 47.2 | 10.7 | 0 | 129.0 | 458 | 7 |
| CREDENZ | CZ 3480GTLL | LLGT27 | 3.4 | R | 46.5 | 11.4 | 0 | 129.0 | 451 | 8 |
| STINE | 43EB20 § | E3 | 4.3 | R | 45.9 | 10.9 | 0 | 132.3 | 445 | 9 |
| HOEGEMEYER | 4081 SE | E3 | 4.0 | R | 45.9 | 10.9 | 0 | 129.0 | 445 | 10 |
| MIDLAND GENETICS | 3930NXS GC | RRX,ST | 3.9 | R | 45.8 | 10.7 | 0 | 134.0 | 444 | 11 |
| HOEGEMEYER | 4161 E | E3 | 4.1 | R | 45.8 | 10.6 | 0 | 127.3 | 444 | 12 |
| DYNA-GRO | S41ES80 | E3 | 4.1 | R | 45.8 | 10.7 | 0 | 130.7 | 444 | 13 |
| STINE | 40EB22 § | E3 | 4.0 | R | 45.7 | 11.0 | 0 | 130.7 | 443 | 14 |
| NUPRIDE GENETICS | NGN9369R2X GC | RRX | 3.6 | R | 45.6 | 11.1 | 0 | 132.3 | 442 | 15 |
| NK BRAND | S39-E3 § | E3 | 3.9 | MR | 45.6 | 11.4 | 0 | 130.7 | 442 | 16 |
| CREDENZ | CZ 4241GTLL | LLGT27 | 4.2 | NA | 45.6 | 10.9 | 0 | 125.7 | 442 | 17 |
| NK BRAND | S37-2E3S | E3,ST | 3.7 | MR | 44.7 | 10.8 | 0 | 130.7 | 434 | 18 |
| GENESIS | G3650E | E3 | 3.6 | R | 44.5 | 11.1 | 0 | 130.7 | 432 | 19 |
| CREDENZ | CZ 3930GTLL | LLGT27 | 3.9 | MR | 44.5 | 10.8 | 0 | 130.7 | 432 | 20 |
| RENK | RS357NX | RRX | 3.5 | R | 44.4 | 11.1 | 0 | 127.3 | 431 | 21 |
| STINE | 36EB32 § | E3 | 3.6 | R | 44.3 | 11.1 | 0 | 127.3 | 430 | 22 |
| DYNA-GRO | S38XS21 | RRX,ST | 3.8 | R | 44.3 | 11.3 | 0 | 129.0 | 430 | 23 |
| CREDENZ | CZ 3840GTLL | LLGT27 | 3.8 | MR | 44.2 | 10.6 | 0 | 129.0 | 429 | 24 |
| ASGROW | AG39X7 § | RRX,ST | 3.9 | R | 44.1 | 11.3 | 0 | 130.7 | 428 | 25 |
| NUPRIDE GENETICS | NGN9370E3 § | E3 | 3.7 | R | 43.9 | 11.5 | 0 | 129.0 | 426 | 26 |
| HOEGEMEYER | 3921 E | E3 | 3.9 | R | 43.7 | 11.2 | 0 | 132.3 | 424 | 27 |
| CREDENZ | CZ 3660GTLL | LLGT27 | 3.6 | R | 43.7 | 10.8 | 0 | 130.7 | 424 | 28 |
| HOEGEMEYER | 3521 SE | E3 | 3.5 | R | 43.6 | 10.5 | 0 | 130.7 | 423 | 29 |
| GENESIS | G4350E | E3 | 4.3 | R | 43.4 | 10.9 | 0 | 127.3 | 421 | 30 |



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Averages = **45.3** **11.0** **0** **130.1** **439**

LSD (0.10) = 1.8 0.3 ns

LSD (0.25) = 1.0 0.1 ns

C.V. = 3.9

Historic yield: 42.4 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$9.70

2020 Soybeans - Kansas Northeast [KSNE]

All-Season Test Products (36 Total)

| Company/Brand | Product/Brand | Technology | SCN | RM | Seed Treat. |
|------------------|---------------|------------|-----|-----|-------------|
| ASGROW | AG37X8 § | RRX | R | 3.7 | NA |
| ASGROW | AG39X0 § | RRX,ST | R | 3.9 | NA |
| ASGROW | AG39X7 § | RRX,ST | R | 3.9 | NA |
| CREDENZ | CZ 3480GTLL | LLGT27 | R | 3.4 | PV,IL,OB |
| CREDENZ | CZ 3660GTLL | LLGT27 | R | 3.6 | PV,IL,OB |
| CREDENZ | CZ 3750GTLL | LLGT27 | R | 3.7 | PV,IL,OB |
| CREDENZ | CZ 3840GTLL | LLGT27 | MR | 3.8 | PV,IL,OB |
| CREDENZ | CZ 3930GTLL | LLGT27 | MR | 3.9 | PV,IL,OB |
| CREDENZ | CZ 4241GTLL | LLGT27 | NA | 4.2 | PV,IL,OB |
| CREDENZ | CZ 4410GTLL | LLGT27 | R | 4.4 | PV,IL,OB |
| DONMARIO | DM 40X61 | RRX | R | 4.0 | CMBV,SA |
| DYNA-GRO | S38XS21 | RRX,ST | R | 3.8 | EQV,SA |
| DYNA-GRO | S41ES80 | E3 | R | 4.1 | EQV,SA |
| DYNA-GRO | S41XS98 | RRX,ST | R | 4.1 | EQV,SA |
| GENESIS | G3650E | E3 | R | 3.6 | CMBV,SA |
| GENESIS | G3850ES | E3 | R | 3.8 | CMBV,SA |
| GENESIS | G4350E | E3 | R | 4.3 | EcTC,SA |
| GOLDEN HARVEST | GH3728X | RRX | R | 3.7 | CMBV,SA |
| GOLDEN HARVEST | GH3934X § | RRX | R | 3.9 | CMBV,SA |
| HEFTY | H39X8 § | RRX | MR | 3.9 | HCS |
| HOEGEMEYER | 3521 SE | E3 | R | 3.5 | Lum,Lu,IL |
| HOEGEMEYER | 3591 E | E3 | R | 3.5 | Lum,Lu,IL |
| HOEGEMEYER | 3921 E | E3 | R | 3.9 | Lum,Lu,IL |
| HOEGEMEYER | 4081 SE | E3 | R | 4.0 | Lum,Lu,IL |
| HOEGEMEYER | 4161 E | E3 | R | 4.1 | Lum,Lu,IL |
| MIDLAND GENETICS | 3930NXS GC | RRX,ST | R | 3.9 | NA |
| NK BRAND | S37-2E3S | E3,ST | MR | 3.7 | CMBV,SA |
| NK BRAND | S39-E3 § | E3 | MR | 3.9 | CMBV,SA |
| NK BRAND | S39-G2X § | RRX | R | 3.9 | CMBV,SA |
| NUPRIDE GENETICS | NGN9369R2X GC | RRX | R | 3.6 | NA |
| NUPRIDE GENETICS | NGN9370E3 § | E3 | R | 3.7 | NA |
| RENK | RS357NX | RRX | R | 3.5 | EcTC,SA |
| RENK | RS379NSX | RRX | R | 3.7 | EcTC,SA |
| STINE | 36EB32 § | E3 | R | 3.6 | NA |
| STINE | 40EB22 § | E3 | R | 4.0 | NA |
| STINE | 43EB20 § | E3 | R | 4.3 | NA |

Footnotes and Abbreviations Descriptions

Brand Footnotes

| | |
|----|----------------------------------------------------------------------|
| 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 |
| LLGT27 | LibertyLink® GT27® |
| RRX | Roundup Ready 2 Xtend® |
| ST | Sulfonylurea tolerant |

Soybeans Seed Treatments**

| | |
|-----------|----------------------------------------------------|
| NA | Not Available |
| 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,Lu,IL | Lumigen, Lumisena™, ILeVO |
| PV,IL,OB | Poncho®/Votivo®, ILeVO, Obvius Plus |

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