

2017 Soybean Top 30 Performance Summary for Kansas Northeast [KSNE]



All-Season Test

Maturity Group 3.4 - 4.4

S2017KSNE

Top 30 of 36

For Gross Income (Sorted by Yield), (9) Replication Average

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Yield Bu/A ↓ | Protein % | Oil % | Moisture % | Lodging % | Gross Income | | Du Bois | | Onaga | Seneca |
|------------------|----------------|-----------|------|-------------|--------------|-------------|-------------|------------|-----------|--------------|------|-------------|-------------|-------------|--------|
| | | | | | | | | | | \$/Acre | Rank | Holton | Seneca | | |
| AgriGold | G3980RX | RRX | 3.9 | R | 51.2 | 34.0 | 19.4 | 10.4 | 0 | \$461 | 1 | 39.0 | 59.1 | 55.6 | |
| Lewis | 3872X | RRX | 3.8 | R | 50.6 | 34.6 | 19.1 | 10.5 | 0 | \$455 | 2 | 33.9 | 63.2 | 54.7 | |
| Renk | RS398NX | RRX | 3.9 | R | 50.5 | 32.8 | 20.3 | 10.2 | 0 | \$455 | 3 | 34.2 | 61.9 | 55.4 | |
| Phillips Seed | 411NR2Y | RR2Y | 4.1 | R | 50.3 | 32.7 | 20.2 | 10.5 | 0 | \$453 | 4 | 37.0 | 52.1 | 61.7 | |
| Stine | 40RF22 § | RR2Y | 4.0 | R | 49.9 | 33.2 | 20.0 | 10.3 | 0 | \$449 | 5 | 35.2 | 57.2 | 57.4 | |
| Asgrow | AG43X7 § | RRX,ST | 4.3 | R | 49.8 | 32.7 | 20.2 | 10.2 | 0 | \$448 | 6 | 39.4 | 53.6 | 56.4 | |
| NK Brand | S38-W4 § | RR2Y | 3.8 | R | 49.6 | 33.6 | 19.8 | 10.4 | 0 | \$446 | 7 | 39.5 | 62.4 | 47.0 | |
| AgriGold | G3520RX | RRX | 3.5 | R | 49.4 | 33.6 | 19.3 | 10.2 | 0 | \$445 | 8 | 28.8 | 67.8 | 51.6 | |
| Golden Harvest | GH4142X § | RRX | 4.1 | R | 49.2 | 34.0 | 19.4 | 9.8 | 0 | \$443 | 9 | 30.6 | 64.3 | 52.7 | |
| AgriGold | G4024RX | RRX | 4.0 | R | 49.2 | 33.0 | 20.0 | 10.1 | 0 | \$443 | 10 | 37.8 | 58.3 | 51.4 | |
| LG Seeds | C4227RX | RRX,ST | 4.2 | R | 49.1 | 32.4 | 19.9 | 10.1 | 0 | \$442 | 11 | 41.3 | 48.0 | 58.0 | |
| Renk | RS396NR2 | RR2Y | 3.9 | R | 49.1 | 33.6 | 19.9 | 10.3 | 0 | \$442 | 12 | 39.3 | 54.2 | 53.7 | |
| Lewis | 3861X | RRX,ST | 3.8 | R | 48.7 | 33.6 | 19.7 | 10.2 | 0 | \$438 | 13 | 33.0 | 58.5 | 54.6 | |
| Lewis | 4372X | RRX,ST | 4.3 | R | 48.7 | 33.5 | 19.5 | 10.3 | 0 | \$438 | 14 | 36.7 | 53.4 | 55.9 | |
| Asgrow | AG42X6 § | RRX | 4.2 | R | 48.6 | 33.7 | 19.6 | 9.9 | 0 | \$437 | 15 | 38.5 | 52.1 | 55.3 | |
| Stine | 37RI02 § | RR2Y | 3.7 | R | 48.6 | 34.0 | 19.2 | 10.2 | 0 | \$437 | 16 | 34.2 | 59.4 | 52.1 | |
| Mycogen | 5N424R2 § | RR2Y,ST | 4.2 | R | 48.5 | 33.1 | 20.0 | 10.0 | 0 | \$437 | 17 | 39.7 | 50.7 | 55.1 | |
| Pioneer | 94Y23 § | RR | 4.2 | R | 48.5 | 33.2 | 20.0 | 10.2 | 0 | \$437 | 18 | 41.6 | 50.4 | 53.6 | |
| Lewis | 4462X | RRX,ST | 4.4 | R | 48.4 | 33.5 | 20.0 | 10.2 | 0 | \$436 | 19 | 40.0 | 54.1 | 51.0 | |
| NuPride Genetics | NGN8381GT GC | RR | 3.8 | R | 48.3 | 32.5 | 20.2 | 10.4 | 0 | \$435 | 20 | 34.7 | 54.1 | 56.2 | |
| Renk | RS357NX | RRX | 3.5 | R | 48.2 | 34.1 | 19.4 | 10.3 | 0 | \$434 | 21 | 30.3 | 60.3 | 54.1 | |
| Lewis | 4272X | RRX,ST | 4.2 | R | 48.1 | 32.9 | 20.2 | 10.4 | 0 | \$433 | 22 | 39.9 | 51.9 | 52.6 | |
| Lewis | 4182X | RRX,ST | 4.1 | R | 47.9 | 33.8 | 19.6 | 10.2 | 0 | \$431 | 23 | 33.7 | 52.1 | 57.8 | |
| NK Brand | S39-R9X § | RRX | 3.9 | R | 47.7 | 33.0 | 19.9 | 10.1 | 0 | \$429 | 24 | 34.3 | 50.2 | 58.6 | |
| Phillips Seed | 363NR2YE | RR2Y | 3.6 | R | 47.6 | 34.1 | 19.5 | 10.1 | 0 | \$428 | 25 | 35.7 | 54.8 | 52.3 | |
| LG Seeds | C3985RX | RRX | 3.9 | R | 47.4 | 33.3 | 20.0 | 10.4 | 0 | \$427 | 26 | 37.3 | 53.4 | 51.4 | |
| Stine | 38RE02 § | RR2Y,ST | 3.8 | R | 47.2 | 32.9 | 20.0 | 10.5 | 0 | \$425 | 27 | 36.5 | 54.2 | 50.8 | |
| Lewis | 4161X | RRX | 4.1 | MR | 47.0 | 34.0 | 19.7 | 10.0 | 0 | \$423 | 28 | 31.3 | 55.6 | 54.2 | |
| LG Seeds | C4145R2 | RR2Y,ST | 4.1 | R | 46.9 | 33.0 | 20.0 | 10.4 | 0 | \$422 | 29 | 34.8 | 50.4 | 55.5 | |
| AgriGold | G3712RX | RRX | 3.7 | R | 46.5 | 33.7 | 19.6 | 10.1 | 0 | \$419 | 30 | 30.6 | 53.9 | 55.1 | |

Test abandoned - poor seedling establishment

| | | | | | | | | | |
|--------------|-------------|-------------|-------------|-------------|----------|--------------|-------------|-------------|-------------|
| Averages = | 48.2 | 33.4 | 19.8 | 10.2 | 0 | \$434 | 35.5 | 55.2 | 53.8 |
| LSD (0.10) = | 2.1 | 0.8 | 0.4 | 0.2 | ns | | 3.4 | 3.8 | 2.9 |
| LSD (0.25) = | 1.1 | 0.4 | 0.2 | 0.1 | ns | | 1.8 | 2.0 | 1.5 |

Previous years average yield for region, 44.5 bu/a, 5 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). ns = not significantly different; ‡ = 2 reps.

Additional reports available at www.firstseedtests.com.

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Report Date: 11/07/2017 Revised: 12/8/2017 Protein and oil content results added

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|--|
| ^ | G2 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] are registered trademarks of DuPont Pioneer. |
| 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 Technologies

| | |
|------|---|
| BG | Balance [™] GT |
| 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 |

Soybean Seed Treatments*

| | | | | | |
|-------|---|------|-----------------------------------|------|--|
| ? | information unavailable | EE | Evergol [™] Energy | None | untreated |
| A2020 | Alert 2020 [™] | EL | Elevate [™] F+I | Pd | proTect D [™] |
| AC | Acceleron [®] fungicide products | ELV | Elevate [™] VIP (F+I+N) | Pdi | proTect D/I [™] |
| ACi | Acceleron [®] fungicide and insecticide products | En | Encase [®] | PG+ | Profit Guard + [™] |
| AG | ArmourGuard [™] | EQV | Equity [®] VIP | PS | MAS Pro-Shield |
| AM | ApronMaxx [®] | Es | Escalate [™] | PV | Poncho [®] /Votivo [®] |
| ASfi | AgriShield [®] F+I | F | fungicide | SDPI | Servo [™] DPI |
| AVB | Avicta [®] Complete Beans | G | Gauch [®] | SFI | Stine XP fungicide & insecticide |
| AVBV | Avicta [®] Complete Beans with Vibrance [®] | Gr+ | Great Start [™] Max Plus | SS | Soyshield [™] |
| CCB | Clariva [™] Complete Beans | I | insecticide | SS+ | Soyshield Plus [™] |
| CI | Clariva [™] pn | IL | ILeVO [®] | SStd | SureStand [™] |
| CMB | CruiserMaxx [®] Beans | In | Intego [™] Solo | TE | Trius Elite [™] |
| CMBV | CruiserMaxx [®] Beans with Vibrance [®] | IS | Intego [™] Suite | TT | Turbo Treat [™] |
| DPHB | DPH Boost [®] | MAG | Maximum ArmourGuard [™] | W | Warden [®] CX |
| DST | Dominance [™] ST | Me | Mertect [®] | Wr | Warden [®] RTA |
| DX | Defend [™] Extra | Mg | Magnum ST [™] (standard) | YPP | YP Pro [™] |
| EcTC | Eclipse [™] US Total coverage | NCFI | N-Compass [™] Plus F/I | | |

* Seed treatments may include unspecified plant health promoting components.