

2020 Soybeans Top 30 Performance Summary for South Dakota Southeast [SDSE]

All-Season Test

2.1 - 2.8 Day CRM

S2020SDSE

Top 30 of 54

For Gross Income (Sorted by Yield), (12) Replication Average

| Company/Brand | Product/Brand | Technol. † | RM | SCN | Yield Bu/A ↓ | Protein (%) | Oil (%) | Moisture % | Lodging % | Gross Income \$/Acre | Rank | Beresford | Burbank | Irene | Salem |
|----------------|---------------|------------|-----|-----|--------------|-------------|-------------|------------|-----------|----------------------|------|-------------|-------------|-------------|-------------|
| LATHAM | L 2894 E3 | E3 | 2.8 | R | 59.2 | 35.0 | 18.8 | 9.0 | 5 | 563 | 1 | 41.1 | 63.9 | 62.0 | 69.9 |
| CREDENZ | CZ 2360GTLL | LLGT27 | 2.3 | MR | 59.2 | 34.2 | 19.4 | 8.8 | 2 | 562 | 2 | 39.1 | 67.1 | 63.4 | 67.3 |
| STINE | 19GB62 § | LLGT27 | 1.9 | R | 59.0 | 34.1 | 19.4 | 8.8 | 3 | 560 | 3 | 36.5 | 63.7 | 65.6 | 70.0 |
| ZINESTO | Z2101G | LLGT27 | 2.1 | R | 58.5 | 34.4 | 19.3 | 8.9 | 4 | 556 | 4 | 40.0 | 62.4 | 62.4 | 69.4 |
| TITAN PRO | 28E8 | E3 | 2.8 | R | 58.2 | 33.9 | 19.5 | 9.0 | 4 | 553 | 5 | 39.4 | 64.2 | 59.1 | 70.0 |
| DYNA-GRO | S25XT99 | RRX | 2.5 | R | 58.1 | 35.1 | 18.1 | 8.7 | 3 | 552 | 6 | 45.2 | 58.2 | 57.8 | 71.2 |
| APEX | AE2800 | E3 | 2.8 | R | 58.0 | 34.4 | 19.0 | 9.0 | 3 | 551 | 7 | 43.7 | 59.7 | 62.2 | 66.5 |
| HEFTY | H23X0 | RRX | 2.3 | R | 57.4 | 34.7 | 19.2 | 8.8 | 3 | 546 | 8 | 48.8 | 47.4 | 64.5 | 69.0 |
| LATHAM | L 2549 R2X | RRX | 2.5 | R | 57.3 | 34.8 | 18.4 | 8.6 | 2 | 544 | 9 | 35.7 | 61.6 | 65.2 | 66.5 |
| APEX | AE2110 | E3 | 2.1 | R | 56.9 | 34.9 | 18.8 | 8.8 | 9 | 541 | 10 | 41.8 | 52.9 | 64.5 | 68.3 |
| NK BRAND | S21-W8X § | RRX | 2.1 | R | 56.9 | 34.5 | 19.4 | 8.8 | 3 | 541 | 11 | 40.2 | 56.6 | 62.1 | 68.6 |
| GENESIS | G2150E | E3 | 2.1 | R | 56.7 | 34.5 | 18.9 | 9.1 | 4 | 539 | 12 | 39.4 | 61.3 | 61.1 | 65.1 |
| LOYAL | L2130E | E3 | 2.1 | R | 56.7 | 34.8 | 19.2 | 8.7 | 5 | 539 | 13 | 36.9 | 55.7 | 62.6 | 71.5 |
| DYNA-GRO | S27EN89 | E3 | 2.7 | R | 56.5 | 35.2 | 19.1 | 8.8 | 4 | 537 | 14 | 38.2 | 61.5 | 58.7 | 67.5 |
| CREDENZ | CZ 2760GTLL | LLGT27 | 2.7 | R | 56.1 | 34.7 | 19.2 | 8.9 | 3 | 533 | 15 | 42.7 | 59.8 | 55.5 | 66.4 |
| RENK | RS280NX | RRX | 2.8 | R | 55.9 | 35.0 | 18.4 | 8.9 | 4 | 532 | 16 | 45.8 | 54.9 | 60.9 | 62.2 |
| APEX | AE2611 | E3 | 2.6 | R | 55.9 | 35.2 | 18.5 | 9.0 | 5 | 531 | 17 | 42.0 | 57.8 | 55.2 | 68.7 |
| ASGROW | AG26X8 § | RRX | 2.6 | R | 55.9 | 34.7 | 18.7 | 8.8 | 4 | 531 | 18 | 40.1 | 53.5 | 62.1 | 67.9 |
| ASGROW | AG21X9 § | RRX | 2.1 | R | 55.7 | 34.1 | 19.4 | 8.7 | 3 | 529 | 20 | 37.5 | 55.2 | 63.9 | 66.0 |
| NK BRAND | S23-G5X | RRX | 2.3 | MR | 55.6 | 34.4 | 19.4 | 8.8 | 5 | 529 | 19 | 43.5 | 54.7 | 60.5 | 63.9 |
| LATHAM | L 2395 LLGT27 | LLGT27 | 2.3 | R | 55.6 | 34.6 | 19.1 | 9.0 | 4 | 529 | 21 | 36.4 | 62.2 | 61.3 | 62.6 |
| GOLDEN HARVEST | GH2329X | RRX | 2.3 | MR | 55.5 | 34.9 | 18.9 | 8.7 | 3 | 527 | 22 | 41.7 | 56.5 | 61.9 | 61.6 |
| ASGROW | AG27X0 § | RRX | 2.7 | R | 55.4 | 34.0 | 18.4 | 8.7 | 4 | 527 | 23 | 44.7 | 58.6 | 59.7 | 58.6 |
| GENESIS | G2550E | E3 | 2.5 | R | 55.4 | 33.9 | 19.4 | 8.7 | 4 | 526 | 24 | 38.1 | 58.0 | 59.9 | 65.4 |
| RENK | RS248NX | RRX | 2.4 | R | 55.1 | 35.5 | 18.7 | 9.0 | 2 | 524 | 25 | 40.4 | 56.8 | 57.1 | 66.3 |
| GENESIS | G2350E | E3 | 2.3 | R | 55.0 | 35.0 | 18.3 | 9.0 | 3 | 523 | 26 | 38.4 | 54.7 | 61.8 | 65.2 |
| GOLDEN HARVEST | GH2788X | RRX | 2.7 | R | 54.8 | 34.4 | 18.8 | 8.8 | 3 | 521 | 27 | 41.8 | 54.8 | 60.6 | 61.9 |
| ZINESTO | Z2101E | E3 | 2.1 | R | 54.5 | 34.8 | 18.7 | 8.9 | 6 | 518 | 28 | 32.8 | 55.3 | 64.7 | 65.1 |
| PIONEER | P21A28X GC | RRX | 2.1 | R | 54.3 | 34.8 | 19.4 | 8.6 | 4 | 516 | 29 | 38.0 | 54.5 | 58.8 | 65.8 |
| LATHAM | L 2839 LLGT27 | LLGT27 | 2.8 | R | 54.3 | 33.4 | 18.8 | 9.0 | 3 | 516 | 30 | 38.8 | 60.8 | 57.8 | 59.7 |



| | | | | | | | | | | |
|-------------------|-------------|-------------|-------------|------------|----------|------------|-------------|-------------|-------------|-------------|
| Averages = | 54.6 | 34.7 | 18.8 | 8.8 | 4 | 519 | 38.7 | 56.9 | 59.0 | 64.0 |
| LSD (0.10) = | 3.2 | 0.6 | 0.5 | 0.2 | 2 | | 4.8 | 5.5 | 4.7 | 5.4 |
| LSD (0.25) = | 1.7 | 0.3 | 0.2 | 0.1 | 1 | | 2.5 | 2.9 | 2.5 | 2.8 |

Mark Tollefson

mark.tollefson@firstseedtests.com, (507) 456-2357

Prev. years average yield for region: 52.5 bu/a, 14 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.05 Prices: GMO = \$9.50

† 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.

Additional reports available at www.firstseedtests.com

©2020, All rights reserved by Elite Field Genetics, LLC

2020 Soybeans - South Dakota Southeast [SDSE]

All-Season Test Products (54 Total)

| Company/Brand | Product/Brand | Technology | SCN | RM | Seed Treat. |
|----------------|---------------|------------|-----|-----|-------------|
| APEX | AE2110 | E3 | R | 2.1 | CMBV,SA |
| APEX | AE2310 | E3 | R | 2.3 | CMBV,SA |
| APEX | AE2510 | E3 | R | 2.5 | CMBV,SA |
| APEX | AE2611 | E3 | R | 2.6 | CMBV,SA |
| APEX | AE2800 | E3 | R | 2.8 | CMBV,SA |
| ASGROW | AG21X9 § | RRX | R | 2.1 | NA |
| ASGROW | AG26X8 § | RRX | R | 2.6 | NA |
| ASGROW | AG27X0 § | RRX | R | 2.7 | NA |
| CREDENZ | CZ 2360GTLL | LLGT27 | MR | 2.3 | PV,IL,OB |
| CREDENZ | CZ 2550GTLL | LLGT27 | MR | 2.5 | PV,IL,OB |
| CREDENZ | CZ 2760GTLL | LLGT27 | R | 2.7 | PV,IL,OB |
| CREDENZ | CZ 2830GTLL | LLGT27 | R | 2.8 | PV,IL,OB |
| DYNA-GRO | S25XT99 | RRX | R | 2.5 | EQV,SA |
| DYNA-GRO | S27EN89 | E3 | R | 2.7 | EQV,SA |
| DYNA-GRO | S28XT58 | RRX | R | 2.8 | EQV,SA |
| GENESIS | G2150E | E3 | R | 2.1 | CMBV,SA |
| GENESIS | G2350E | E3 | R | 2.3 | CMBV,SA |
| GENESIS | G2550E | E3 | R | 2.5 | CMBV,SA |
| GOLDEN HARVEST | GH2329X | RRX | MR | 2.3 | CMBV,SA |
| GOLDEN HARVEST | GH2552X § | RRX | MR | 2.5 | CMBV,SA |
| GOLDEN HARVEST | GH2788X | RRX | R | 2.7 | CMBV,SA |
| HEFTY | H23X0 | RRX | R | 2.3 | HCS |
| HEFTY | H25X0 | RRX | R | 2.5 | HCS |
| HEFTY | H25X8 | RRX | MR | 2.5 | HCS |
| HEFTY | H28X8 | RRX | R | 2.8 | Untreated |
| HOEGEMEYER | 2245 E | E3 | R | 2.2 | Lum,Lu,IL |
| HOEGEMEYER | 2540 E | E3 | R | 2.5 | Lum,Lu,IL |
| HOEGEMEYER | 2660 E | E3 | R | 2.6 | Lum,Lu,IL |
| LATHAM | L 2379 E3 | E3 | R | 2.3 | SS+ |
| LATHAM | L 2395 LLGT27 | LLGT27 | R | 2.3 | SS+ |
| LATHAM | L 2549 R2X | RRX | R | 2.5 | SS+ |
| LATHAM | L 2578 LLGT27 | LLGT27 | R | 2.5 | SS+ |
| LATHAM | L 2638 E3 | E3 | R | 2.6 | SS+ |
| LATHAM | L 2839 LLGT27 | LLGT27 | R | 2.8 | SS+ |
| LATHAM | L 2887 R2X | RRX | R | 2.8 | SS+ |
| LATHAM | L 2894 E3 | E3 | R | 2.8 | SS+ |

| Company/Brand | Brand/Product | Technology | RM | SCN | Seed Treat. |
|---------------|---------------|------------|----|-----|-------------|
| LOYAL | L2130E | E3 | R | 2.1 | CMBV,SA |
| NK BRAND | S21-W8X § | RRX | R | 2.1 | CMBV,SA |
| NK BRAND | S23-G5X | RRX | MR | 2.3 | CMBV,SA |
| NK BRAND | S25-V8X § | RRX | MR | 2.5 | CMBV,SA |
| PIONEER | P21A28X GC | RRX | R | 2.1 | 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 |
| STINE | 19EA32 § | E3 | R | 1.9 | NA |
| STINE | 19GB62 § | LLGT27 | R | 1.9 | NA |
| STINE | 24EA12 § | E3 | R | 2.4 | NA |
| TITAN PRO | 21E0 | E3 | R | 2.1 | SA,A,R,G |
| TITAN PRO | 28E8 | E3 | R | 2.8 | SA,A,R,G |
| ZINESTO | Z2101E | E3 | R | 2.1 | NA |
| ZINESTO | Z2101G | LLGT27 | R | 2.1 | NA |
| ZINESTO | Z2401E | E3 | R | 2.4 | NA |
| ZINESTO | Z2501E | E3 | R | 2.5 | NA |
| ZINESTO | Z2701E | E3 | R | 2.7 | 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® |

Soybeans Seed Treatments**

| | |
|-----------|----------------------------------------------------|
| NA | Not Available |
| CMBV,SA | Cruisermaxx, Vibrance, Saltro |
| EQV,SA | Equity VIP, Saltro |
| EcTC,SA | Eclipse US Total Coverage Trio IM, N-Force, Saltro |
| HCS | Hefty Complete Soybeans |
| Lum,Lu,IL | Lumigen, Lumisena™, ILeVO |
| PV,IL,OB | Poncho®/Votivo®, ILeVO, Obvius Plus |
| SA,A,R,G | Saltro, Allegiance FL, Redigo 480, Gaucho 600 |
| SS+ | SoyShield Plus |
| Untreated | No seed treatment |

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