

2018 Soybean Top 30 Performance Summary for South Dakota East Central [SDEC]



All-Season Test

Maturity Group 1.6 - 2.3

S2018SDEC

Top 30 of 54

For Gross Income (Sorted by Yield), (6) Replication Average

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Yield Bu/A | Protein % | Oil % | Moisture % | Lodging % | Gross Income | | Arlington | | Clear Lake | |
|----------------|----------------|-----------|------|-------------|------------|-----------|-------|------------|-----------|--------------|------|-----------|-----------|------------|--|
| | | | | | | | | | | \$/Acre | Rank | Cavour | Flandreau | | |
| Dyna-Gro | S19RY65 | RR2Y | 1.9 | R | 64.2 | | | 12.0 | 2 | \$514 | 1 | 67.3 | 43.4 | 61.0 | |
| Dairyland | DSR-1611/R2Y | RR2Y | 1.6 | S | 64.0 | | | 12.7 | 2 | \$512 | 2 | 70.7 | 44.5 | 57.2 | |
| Golden Harvest | GH2041X | RRX | 2.0 | R | 63.6 | | | 13.7 | 3 | \$508 | 3 | 69.2 | 49.5 | 58.0 | |
| Hefty | H20X7 | RRX | 2.0 | MR | 62.9 | | | 13.3 | 2 | \$503 | 4 | 67.6 | 43.2 | 58.2 | |
| Latham | L2295R2X | RRX | 2.2 | R | 62.6 | | | 16.2 | 3 | \$497 | 6 | 63.7 | 50.3 | 61.4 | |
| NK Brand | S18-G4X § | RRX | 1.8 | R | 62.4 | | | 13.2 | 2 | \$499 | 5 | 70.6 | 44.1 | 54.1 | |
| NK Brand | S20-J5X § | RRX | 2.0 | R | 62.1 | | | 13.6 | 2 | \$496 | 7 | 69.0 | 44.1 | 55.2 | |
| Prairie Brand | PB-1947R2 | RR2Y | 1.9 | R | 62.0 | | | 12.9 | 1 | \$496 | 8 | 67.7 | 44.1 | 56.2 | |
| Renk | RS207NX | RRX | 2.0 | R | 61.9 | | | 13.3 | 1 | \$495 | 9 | 66.0 | 44.1 | 57.7 | |
| Dairyland | DSR-1950/R2Y | RR2Y | 1.9 | R | 61.5 | | | 12.7 | 2 | \$492 | 10 | 61.1 | 44.1 | 61.8 | |
| Latham | L1858R2 | RR2Y | 1.8 | R | 61.3 | | | 12.9 | 2 | \$490 | 11 | 67.4 | 44.1 | 55.1 | |
| Hefty | H23X9 | RRX | 2.3 | MR | 61.3 | | | 16.8 | 2 | \$486 | 12 | 70.4 | 44.1 | 52.1 | |
| LG Seeds | LGS2007RX | RRX | 2.0 | R | 60.7 | | | 15.0 | 2 | \$483 | 14 | 67.8 | 44.1 | 53.5 | |
| Dyna-Gro | S21XT77 | RRX | 2.1 | R | 60.6 | | | 13.7 | 3 | \$484 | 13 | 69.2 | 44.1 | 52.0 | |
| Golden Harvest | GH1915X | RRX | 1.9 | R | 60.5 | | | 13.5 | 2 | \$483 | 15 | 61.6 | 44.1 | 59.3 | |
| Latham | L2187GT27 | G27 | 2.1 | R | 60.5 | | | 20.4 | 2 | \$475 | 21 | 63.5 | 44.1 | 57.5 | |
| Asgrow | AG20X7 § | RRX | 2.0 | R | 60.3 | | | 13.8 | 1 | \$481 | 16 | 65.4 | 44.1 | 55.2 | |
| Dairyland | DSR-1526/R2Y | RR2Y | 1.5 | R | 59.9 | | | 11.5 | 2 | \$479 | 17 | 64.4 | 44.1 | 55.3 | |
| Dairyland | DSR-2110/R2Y | RR2Y | 2.1 | R | 59.9 | | | 13.9 | 2 | \$478 | 18 | 62.0 | 44.1 | 57.7 | |
| Latham | L2228R2 | RR2Y | 2.2 | R | 59.8 | | | 13.6 | 2 | \$478 | 19 | 65.4 | 44.1 | 54.2 | |
| Pioneer | P15T46R2 § | RR2Y | 1.5 | R | 59.6 | | | 11.1 | 2 | \$477 | 20 | 69.2 | 44.1 | 49.9 | |
| REA | RX2039 | RRX | 2.0 | R | 59.3 | | | 14.0 | 2 | \$473 | 22 | 61.5 | 44.1 | 57.1 | |
| Hefty | H22X8 | RRX | 2.2 | MR | 58.9 | | | 14.8 | 2 | \$469 | 23 | 65.1 | 44.1 | 52.7 | |
| Dairyland | DSR-2073/R2Y § | RR | 1.9 | R | 58.7 | | | 14.7 | 3 | \$468 | 24 | 64.9 | 44.1 | 52.4 | |
| Pfister | 20R23 | RR2Y | 2.0 | R | 58.7 | | | 15.6 | 2 | \$467 | 25 | 61.0 | 44.1 | 56.4 | |
| Pioneer | P22T73R § | RR | 2.2 | R | 58.6 | | | 14.5 | 1 | \$467 | 26 | 63.9 | 44.1 | 53.2 | |
| Hefty | H21X9 | RRX | 2.1 | MR | 58.5 | | | 14.5 | 2 | \$466 | 27 | 62.3 | 42.9 | 54.6 | |
| Golden Harvest | GH1852X | RRX | 1.8 | R | 57.8 | | | 12.9 | 2 | \$462 | 28 | 61.3 | 42.5 | 54.2 | |
| Latham | L1748R2 | RR2Y | 1.7 | R | 57.7 | | | 12.3 | 2 | \$462 | 29 | 61.7 | 32.6 | 53.6 | |
| NK Brand | S21-W8X § | RRX | 2.1 | R | 57.7 | | | 14.8 | 3 | \$460 | 30 | 64.5 | 46.1 | 50.8 | |

Results available by early-December
Visit www.firstseedtests.com to obtain a revised report

Data Rejected - Not in Summary

Abandoned - Herbicide overspray

| | | | | | | | | |
|---|--------------|------|------|----|-------|------|------|------|
| Mark Tollefson mark.tollefson@firstseedtests.com, (507) 456-2357 | Averages = | 57.8 | 14.2 | 2 | \$461 | 62.2 | 42.8 | 53.3 |
| | LSD (0.10) = | 5.1 | ns | ns | | 5.5 | 8.3 | 6.0 |
| | LSD (0.25) = | 2.7 | ns | ns | | 2.9 | 4.4 | 3.1 |

Previous years average yield for region, 53.7 bu/a, 13 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 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 ©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 10/25/2018 Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|---|
| ^ | Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. |
| 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

| | |
|------|---------------------------------|
| G27 | 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 |

Soybean Cyst Nematode (SCN) Resistance Rating

| | |
|-----|---------------------|
| S | susceptible |
| MR | moderate resistance |
| R | resistant |
| n/a | info unavailable |

Soybean Seed Treatments*

| | | | | | |
|-------|---|------|-----------------------|-----|----------------------------------|
| ? | Information not provided | EE | Evergol™ Energy | PG+ | Profit Guard +™ |
| A2020 | Alert 2020™ | EL | Elevate™ F+I | PS | MAS Pro-Shield |
| AC | Acceleron® fungicide products | EL+ | Elevate™ Plus | PV | Poncho®/Votivo® |
| ACi | Acceleron® fungicide and insecticide products | En | Encase® | R | Redigo™ |
| AM | ApronMaxx® | EQV | Equity® VIP | Ret | Revize® SB+T |
| ASfi | AgriShield® F+I | Es | Escalate™ | Ri | Rizolex™ |
| AVB | Avicta® Complete Beans | F | fungicide | SF | Stine XP F |
| AVBV | Avicta® Complete Beans with Vibrance | G | Gaucho® | SFI | Stine XP fungicide & insecticide |
| BB | Buckeye Boost ST | Gr+ | Great Start™ Max Plus | SS | Soyshield™ |
| CCB | Clariva™ Complete Beans | I | insecticide | SS+ | Soyshield Plus™ |
| Cl | Clariva™ pn | IL | ILeVO® | TE | Trius Elite™ |
| CMB | CruiserMaxx® Beans | In | Intego™ Solo | TT | Turbo Treat™ |
| CMBV | CruiserMaxx® Beans with Vibrance | IS | Intego™ Suite | W | Warden® CX |
| DPHB | DPH Boost® | Lu | Lumisena™ | Wr | Warden® RTA |
| DST | Dominance™ ST | Me | Mertect® | YPP | YP Pro™ |
| DX | Defend™ Extra | None | untreated | | |
| EcTC | Eclipse™ US Total coverage | Pd | proTect D™ | | |

* Seed treatments may include unspecified plant health promoting components.