

2017 Soybean Top 30 Performance Summary for South Dakota East Central [SDEC]



All-Season Test

Maturity Group 1.6 - 2.3

S2017SDEC

Top 30 of 72

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 \$/Acre | Rank | Cavour | Colton | Flandreau | Winfred |
|---------------|----------------|-----------|------|-------------|--------------|-------------|-------------|------------|-----------|----------------------|------|--------|-------------|-------------|-------------|
| Hefty | H20X7 | RRX | 2.0 | R | 68.5 | 36.3 | 17.5 | 10.5 | 1 | \$617 | 1 | | 79.3 | 59.9 | 66.2 |
| NK Brand | S20-T6 | RR2Y | 2.0 | MR | 67.0 | 36.1 | 17.6 | 10.5 | 1 | \$603 | 2 | | 71.4 | 61.4 | 68.2 |
| Pioneer | P18T26R2 § | RR2Y | 1.8 | R | 66.9 | 34.5 | 18.7 | 10.5 | 1 | \$602 | 3 | | 72.4 | 58.4 | 70.0 |
| Pioneer | P14T70R2 § | RR2Y | 1.4 | R | 66.4 | 35.6 | 17.9 | 10.5 | 1 | \$598 | 4 | | 73.1 | 65.6 | 60.6 |
| Titan Pro | TP-18X97 | RRX | 1.8 | MR | 65.4 | 35.7 | 17.8 | 10.4 | 1 | \$589 | 5 | | 73.6 | 58.3 | 64.4 |
| Titan Pro | TP-21X46 | RRX | 2.1 | R | 64.8 | 35.7 | 17.9 | 10.5 | 2 | \$583 | 6 | | 72.0 | 55.6 | 66.7 |
| NK Brand | S21-W8X § | RRX | 2.1 | R | 64.6 | 35.1 | 17.9 | 10.5 | 1 | \$581 | 7 | | 66.3 | 57.6 | 69.9 |
| Dairyland | DSR-1870/R2Y | RR2Y | 1.8 | R | 64.5 | 35.4 | 18.0 | 10.6 | 1 | \$581 | 8 | | 69.7 | 56.9 | 66.8 |
| Prairie Brand | PB-1947R2 | RR2Y | 1.9 | R | 64.4 | 35.6 | 17.6 | 10.6 | 1 | \$580 | 9 | | 68.7 | 57.5 | 66.9 |
| Pioneer | P19T55X § | RRX | 1.9 | R | 64.3 | 35.8 | 17.1 | 10.7 | 1 | \$579 | 10 | | 69.8 | 56.7 | 66.5 |
| Dyna-Gro | S19Y65 | RR2Y | 1.9 | R | 63.7 | 35.4 | 17.4 | 10.5 | 1 | \$573 | 11 | | 66.6 | 57.3 | 67.3 |
| Jacobsen Seed | J669NR2 | RR2Y | 1.9 | R | 63.7 | 35.8 | 17.4 | 10.8 | 1 | \$573 | 12 | | 68.2 | 52.3 | 70.5 |
| Mustang | 19726 | RR2Y | 1.9 | R | 63.7 | 35.1 | 17.7 | 10.6 | 2 | \$573 | 13 | | 70.9 | 52.0 | 68.1 |
| Pfister | 18R201 | RR2Y | 1.8 | R | 63.6 | 35.4 | 17.3 | 10.6 | 1 | \$572 | 14 | | 75.1 | 51.5 | 64.2 |
| REA | RX2027 | RRX | 2.0 | R | 63.3 | 36.3 | 17.3 | 10.4 | 1 | \$570 | 15 | | 68.2 | 54.4 | 67.4 |
| Titan Pro | TP-18R24 | RR2Y | 1.8 | R | 63.3 | 34.2 | 18.5 | 10.7 | 2 | \$570 | 16 | | 69.2 | 56.3 | 64.4 |
| LG Seeds | C1838RX | RRX | 1.8 | R | 63.1 | 35.9 | 17.9 | 10.6 | 2 | \$568 | 17 | | 67.8 | 56.1 | 65.3 |
| Channel | 2108R2 | RR2Y | 2.1 | R | 63.1 | 36.6 | 17.8 | 10.7 | 2 | \$568 | 18 | | 69.1 | 54.3 | 65.8 |
| Latham | L1748R2 | RR2Y | 1.7 | R | 63.0 | 35.7 | 17.5 | 10.6 | 1 | \$567 | 19 | | 70.9 | 51.6 | 66.6 |
| Latham | L2228R2 | RR2Y | 2.2 | R | 63.0 | 34.9 | 18.1 | 10.7 | 1 | \$567 | 20 | | 74.1 | 48.5 | 66.3 |
| Renk | RS207NX | RRX | 2.0 | R | 62.9 | 36.0 | 17.5 | 10.5 | 1 | \$566 | 21 | | 76.4 | 45.0 | 67.3 |
| Latham | L1858R2 | RR2Y | 1.8 | R | 62.9 | 35.8 | 17.5 | 10.6 | 1 | \$566 | 22 | | 68.2 | 53.9 | 66.6 |
| Dairyland | DSR-1950/R2Y | RR2Y | 1.9 | R | 62.8 | 35.6 | 17.4 | 10.6 | 1 | \$565 | 23 | | 75.1 | 48.6 | 64.7 |
| Prairie Brand | PB-1787R2 | RR2Y | 1.7 | R | 62.7 | 35.6 | 17.7 | 10.5 | 1 | \$564 | 24 | | 66.4 | 54.1 | 67.7 |
| Dairyland | DSR-2110/R2Y | RR2Y | 2.1 | R | 62.6 | 35.6 | 17.5 | 10.7 | 1 | \$563 | 25 | | 66.3 | 53.7 | 67.8 |
| Pioneer | P22T73R § | RR | 2.2 | R | 62.5 | 35.8 | 17.8 | 10.6 | 1 | \$563 | 26 | | 73.3 | 49.3 | 64.8 |
| Renk | RS188NX | RRX | 1.8 | R | 62.4 | 35.7 | 18.0 | 10.5 | 1 | \$562 | 27 | | 68.7 | 56.3 | 62.2 |
| Stine | 19RF32 § | RR2Y | 1.9 | R | 62.3 | 35.5 | 17.7 | 10.6 | 1 | \$561 | 28 | | 72.4 | 50.8 | 63.6 |
| Latham | L1845R2X | RRX | 1.8 | MR | 62.2 | 35.7 | 17.6 | 10.5 | 1 | \$560 | 29 | | 70.0 | 54.9 | 61.7 |
| Hefty | H22X8 | RRX | 2.2 | R | 62.2 | 35.1 | 18.2 | 10.4 | 2 | \$560 | 30 | | 69.5 | 52.7 | 64.4 |

Test Abandoned - poor weed control

| | | | | | | | | | | |
|--------------|-------------|-------------|-------------|-------------|----------|--------------|--|-------------|-------------|-------------|
| Averages = | 61.5 | 35.6 | 17.8 | 10.6 | 1 | \$553 | | 68.2 | 51.1 | 65.1 |
| LSD (0.10) = | 3.0 | 0.4 | 0.3 | 0.2 | ns | | | 5.0 | 6.4 | 3.0 |
| LSD (0.25) = | 1.6 | 0.2 | 0.2 | 0.1 | ns | | | 2.6 | 3.4 | 1.6 |

Previous years average yield for region, 51.7 bu/a, 12 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.

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Report Date: 10/27/2017 Revised: 11/25/2017 Protein and oil values revised for test average, LSD(0.10) and LSD(0.25) due to a data entry error on an unpublished product at Winfred.

2017 Soybean - South Dakota East Central [SDEC]



All-Season Test Products (72 Total)

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt. |
|----------------|---------------|----------|------|-----|-----------|
| Asgrow | AG17X8 § | RRX | 1.7 | R | ACi |
| Asgrow | AG19X8 § | RRX | 1.9 | R | ACi |
| Asgrow | AG20X7 § | RRX | 2.0 | R | ACi |
| Channel | 2108R2 | RR2Y | 2.1 | R | None |
| Dairyland | DSR-1870/R2Y | RR2Y | 1.8 | R | CMB |
| Dairyland | DSR-1950/R2Y | RR2Y | 1.9 | R | CMB |
| Dairyland | DSR-2110/R2Y | RR2Y | 2.1 | R | CMB |
| Dairyland | DSR-2330/R2Y | RR2Y | 2.3 | R | CMB |
| Dyna-Gro | S18XT38 | RRX | 1.8 | MR | EQV,Ci |
| Dyna-Gro | S19RY65 | RR2Y | 1.9 | R | EQV,Ci |
| Dyna-Gro | S21XT77 | RRX | 2.1 | R | EQV,Ci |
| Federal | F1680NR2X | RRX | 1.6 | R | MAG |
| Federal | F1880NR2X | RRX | 1.8 | R | MAG |
| Federal | F2080NR2X | RRX | 2.0 | R | MAG |
| Golden Harvest | GH1915X | RRX | 1.9 | R | CCB,Me |
| Hefty | H11X8 | RRX | 1.1 | R | DST |
| Hefty | H16X8 | RRX | 1.6 | R | DST |
| Hefty | H18X8 | RRX | 1.8 | R | DST |
| Hefty | H20X7 | RRX | 2.0 | R | DST |
| Hefty | H22X7 | RRX | 2.2 | R | DST |
| Hefty | H22X8 | RRX | 2.2 | R | DST |
| Hefty | H23X7 | RRX | 2.3 | S | DST |
| Hefty | H23X8 | RRX | 2.3 | S | DST |
| Jacobsen Seed | J669NR2 | RR2Y | 1.9 | R | AC,PV |
| Jacobsen Seed | J740NR2 | RR2Y | 2.0 | R | AC,PV |
| Jacobsen Seed | J761NR2X | RRX | 2.1 | R | AC,PV |
| Latham | L1748R2 | RR2Y | 1.7 | R | SS+ |
| Latham | L1845R2X | RRX | 1.8 | MR | SS+ |
| Latham | L1858R2 | RR2Y | 1.8 | R | CCB,Me |
| Latham | L2184R2X | RRX | 2.1 | R | CCB,Me |
| Latham | L2187EXGT | BG | 2.1 | R | SS+ |
| Latham | L2228R2 | RR2Y | 2.2 | R | CCB,Me |
| Latham | L2283R2X | RRX | 2.2 | R | SS+ |
| Latham | L2384R2X | RRX | 2.3 | R | CCB,Me |
| LG Seeds | C1838RX | RRX | 1.8 | R | ASfi,IL |
| Mustang | 18X128 | RRX | 1.8 | R | F,I |
| Mustang | 19726 | RR2Y | 1.9 | R | F,I |
| Mustang | 21X127 | RRX | 2.1 | R | F,I |
| Mustang | 22X228 | RRX | 2.2 | R | F,I |
| NK Brand | S18-G4X § | RRX | 1.8 | R | CCB,Me |
| NK Brand | S20-J5X § | RRX | 2.0 | R | CCB,Me |
| NK Brand | S20-T6 | RR2Y | 2.0 | MR | CCB,Me |

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt. |
|---------------|---------------|----------|------|-----|-----------|
| NK Brand | S21-W8X § | RRX | 2.1 | R | CCB,Me |
| Pfister | 18R201 | RR2Y | 1.8 | R | CCB |
| Pfister | 20R23 | RR2Y | 2.0 | R | CCB |
| Pfister | 21R205 | RR2Y | 2.1 | R | CCB |
| Pioneer | P14T70R2 § | RR2Y | 1.4 | R | EE,G,IL |
| Pioneer | P18T26R2 § | RR2Y | 1.8 | R | EE,G |
| Pioneer | P19T55X § | RRX | 1.9 | R | EE,G |
| Pioneer | P22T73R § | RR | 2.2 | R | EE,G |
| Prairie Brand | PB-1787R2 | RR2Y | 1.7 | R | CMB |
| Prairie Brand | PB-1947R2 | RR2Y | 1.9 | R | CMB |
| Prairie Brand | PB-2296R2 | RR2Y | 2.2 | R | CMB |
| REA | RX1828 | RRX | 1.8 | R | ACi |
| REA | RX1927 | RRX | 1.9 | R | ACi |
| REA | RX2027 | RRX | 2.0 | R | ACi |
| REA | RX2228 | RRX | 2.2 | R | ACi |
| Renk | RS168NX | RRX | 1.6 | R | AM,IL |
| Renk | RS188NX | RRX | 1.8 | R | AM,IL |
| Renk | RS207NX | RRX | 2.0 | R | EcTC |
| Renk | RS208NX | RRX | 2.0 | R | AM,IL |
| Renk | RS228NX | RRX | 2.2 | R | AM,IL |
| Stine | 19RF32 § | RR2Y | 1.9 | R | SFI |
| Stine | 20RD20 § | RR2Y | 2.0 | R | SFI |
| Stine | 21RI32 § | RR2Y | 2.1 | R | SFI |
| Thunder | SB8818N | RRX | 1.8 | R | CMB |
| Titan Pro | TP-16X77 | RRX | 1.6 | MR | IS,IL |
| Titan Pro | TP-18R24 | RR2Y | 1.8 | R | IS,IL |
| Titan Pro | TP-18X97 | RRX | 1.8 | MR | IS,IL |
| Titan Pro | TP-20R25 | RR2Y | 2.0 | R | IS,IL |
| Titan Pro | TP-20X57 | RRX | 2.0 | MR | IS,IL |
| Titan Pro | TP-21X46 | RRX | 2.1 | R | IS,IL |
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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.