

2016 Soybean Top 30 Performance Summary for South Dakota Southeast [SDSE]



All-Season Test

Maturity Group 2.1 - 2.8

S2016SDSE

Top 30 of 63

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

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trt.† | Yield Bu/A | Protein % | Oil % | Moisture % | Lodging % | Gross Income | Beresford | Colton | Howard | Salem |
|---------------|----------------|-----------|------|-------------|------------|------------|-----------|-------|------------|-----------|--------------|-----------|--------|--------|-------|
| Titan Pro | TP-26R35 | RR2Y | 2.6 | MR | IS | 64.9 | 33.0 | 19.3 | 14.4 | 2 | \$582 | 56.0 | 79.2 | 60.6 | 63.8 |
| Mustang | 25456 | RR2Y | 2.5 | S | NCFI | 64.3 | 33.3 | 19.3 | 14.3 | 4 | \$577 | 59.9 | 74.2 | 67.2 | 56.0 |
| Prairie Brand | PB-2419RR2 | RR2Y | 2.3 | S | CCB,In | 64.2 | 33.2 | 19.3 | 14.0 | 1 | \$577 | 52.6 | 78.1 | 63.1 | 62.9 |
| Pioneer | P28T08R § | RR | 2.8 | R | None | 63.9 | 33.2 | 20.1 | 14.5 | 3 | \$573 | 50.2 | 77.8 | 62.5 | 64.9 |
| LG Seeds | C2605R2 | RR2Y | 2.6 | S | CCB | 63.8 | 33.1 | 19.6 | 14.3 | 2 | \$573 | 52.0 | 78.9 | 61.1 | 63.2 |
| Renk | RS237X | RRX | 2.3 | S | CMB | 63.4 | 33.2 | 19.2 | 14.0 | 3 | \$569 | 53.6 | 80.4 | 57.0 | 62.7 |
| Prairie Brand | PB-2876R2 | RR2Y | 2.8 | R | CCB,In | 62.8 | 33.1 | 19.2 | 14.7 | 1 | \$563 | 55.2 | 76.4 | 57.9 | 61.8 |
| Latham | L2454R2X | RRX | 2.4 | S | CCB,Me | 62.4 | 34.0 | 19.0 | 14.0 | 2 | \$560 | 52.0 | 75.0 | 57.4 | 65.1 |
| Latham | E2414R2 | RR2Y | 2.4 | S | CCB,Me | 62.4 | 33.2 | 19.4 | 14.0 | 2 | \$560 | 52.9 | 74.0 | 61.2 | 61.3 |
| Hefty | H23X7 | RRX | 2.3 | S | DST | 62.2 | 33.3 | 19.1 | 13.9 | 3 | \$559 | 54.9 | 76.1 | 59.6 | 58.0 |
| Latham | L2645R2 | RR2Y | 2.6 | MR | CCB,Me | 62.2 | 33.7 | 18.8 | 14.4 | 2 | \$558 | 47.8 | 77.1 | 61.8 | 61.9 |
| Mustang | 21X127 | RRX | 2.1 | R | ACi | 62.1 | 33.5 | 19.6 | 13.9 | 2 | \$558 | 54.9 | 75.5 | 57.1 | 60.7 |
| Prairie Brand | PB-2600R2 | RR2Y | 2.6 | MR | CCB,In | 62.0 | 33.2 | 19.2 | 14.4 | 2 | \$556 | 53.4 | 73.8 | 61.1 | 59.6 |
| Pioneer | P22T73R § | RR | 2.2 | R | EE,G | 61.7 | 32.6 | 20.1 | 14.3 | 2 | \$554 | 52.7 | 79.1 | 53.8 | 61.3 |
| Hefty | H25X7 | RRX | 2.5 | MR | DST | 61.5 | 33.1 | 19.7 | 14.5 | 2 | \$552 | 56.9 | 72.9 | 57.6 | 58.7 |
| Stine | 28RH02 § | RR2Y | 2.8 | R | SFI | 61.5 | 33.4 | 19.1 | 14.5 | 3 | \$552 | 53.2 | 76.8 | 61.0 | 55.1 |
| Asgrow | AG2733 § | RR2Y | 2.7 | MR | ACi | 61.2 | 33.3 | 19.5 | 14.4 | 3 | \$549 | 45.8 | 81.6 | 57.8 | 59.6 |
| Pioneer | P20T79R2 § | RR2Y | 2.0 | R | None | 61.1 | 32.6 | 19.9 | 14.1 | 2 | \$549 | 53.0 | 74.3 | 55.5 | 61.6 |
| Asgrow | AG2431 § | RR2Y | 2.4 | S | ACi | 61.0 | 34.0 | 19.2 | 13.9 | 2 | \$548 | 50.9 | 73.9 | 53.1 | 65.9 |
| Titan Pro | TP-21X46 | RRX | 2.1 | R | None | 61.0 | 33.7 | 19.5 | 14.0 | 2 | \$548 | 50.0 | 78.0 | 51.7 | 64.2 |
| Pfister | 26R204 | RR2Y | 2.6 | R | CCB | 61.0 | 33.4 | 19.4 | 14.9 | 2 | \$547 | 49.3 | 78.8 | 57.2 | 58.6 |
| LG Seeds | C2520R2 | RR2Y | 2.5 | R | CCB | 61.0 | 33.9 | 19.7 | 14.3 | 2 | \$547 | 52.3 | 75.5 | 52.9 | 63.1 |
| Latham | L2482R2 | RR2Y | 2.4 | R | CCB,Me | 60.9 | 33.5 | 19.9 | 14.2 | 1 | \$547 | 55.7 | 76.4 | 55.5 | 55.9 |
| Titan Pro | TP-28X45 | RRX | 2.8 | R | IS | 60.8 | 35.0 | 18.6 | 14.4 | 2 | \$545 | 50.3 | 71.0 | 58.6 | 63.4 |
| NK Brand | S22-S1 § | RR2Y | 2.2 | R | CCB,Me | 60.6 | 32.9 | 19.6 | 13.8 | 3 | \$544 | 54.9 | 74.9 | 54.6 | 58.1 |
| Prairie Brand | PB-2576R2 | RR2Y | 2.5 | R | CCB,In | 60.4 | 32.9 | 19.6 | 14.6 | 2 | \$542 | 48.5 | 73.6 | 60.1 | 59.4 |
| Pioneer | P25T51R § | RR | 2.5 | R | EE,G | 60.4 | 34.0 | 19.9 | 14.5 | 3 | \$542 | 49.8 | 71.9 | 58.9 | 61.1 |
| Latham | L2128R2 | RR2Y | 2.1 | R | CCB,Me | 60.2 | 33.1 | 19.1 | 14.3 | 1 | \$540 | 53.9 | 77.4 | 53.6 | 55.8 |
| Prairie Brand | PB-2156R2 | RR2Y | 2.1 | R | CCB,In | 60.0 | 32.1 | 20.1 | 14.1 | 1 | \$539 | 48.7 | 81.9 | 55.3 | 54.1 |
| Pfister | 21R205 | RR2Y | 2.1 | R | CCB | 60.0 | 32.3 | 20.0 | 14.3 | 2 | \$538 | 49.9 | 80.0 | 52.3 | 57.8 |

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|--------------|------|------|------|------|----|-------|------|------|------|------|
| Averages = | 59.8 | 33.4 | 19.4 | 14.3 | 2 | \$536 | 51.0 | 73.5 | 56.0 | 58.6 |
| LSD (0.10) = | 4.2 | 0.6 | 0.3 | 0.3 | ns | | 7.6 | 8.3 | 6.0 | 6.0 |
| LSD (0.25) = | 2.9 | 0.4 | 0.2 | 0.2 | ns | | 5.3 | 5.8 | 4.2 | 4.2 |

Previous years average yield for region, 47.1 bu/a, 13 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: 10/24/2016 Revised: 11/28/2016 Protein and oil content results added

2016 Soybean - South Dakota Southeast [SDSE]



All-Season Test Products (63 Total)

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt. |
|---------------|-----------------|----------|------|-----|-----------|
| Asgrow | AG2431 § | RR2Y | 2.4 | S | ACi |
| Asgrow | AG2535 § | RR2Y | 2.5 | MR | ACi |
| Asgrow | AG2733 § | RR2Y | 2.7 | MR | ACi |
| Channel | 1808R2 GC | RR2Y | 1.8 | R | None |
| Channel | 2108R2 | RR2Y | 2.1 | R | None |
| Dairyland | DSR-2110/R2Y GC | RR2Y | 2.1 | R | CMB |
| Dairyland | DSR-2330/R2Y | RR2Y | 2.3 | R | CMB |
| Dairyland | DSR-2707/R2Y | RR2Y | 2.7 | MR | CMB |
| Dyna-Gro | S24RY87 | RR2Y | 2.4 | R | CCB |
| Dyna-Gro | S26RS75 | RR2Y,ST | 2.6 | R | CCB |
| Hefty | H21X6 | RRX | 2.1 | MR | DST |
| Hefty | H23X7 | RRX | 2.3 | S | DST |
| Hefty | H24X6 | RRX | 2.4 | MR | DST |
| Hefty | H25X7 | RRX | 2.5 | MR | DST |
| Hefty | H26X7 | RRX | 2.6 | MR | DST |
| Hefty | H27X6 | RRX | 2.7 | MR | None |
| Hefty | H28X6 | RRX | 2.8 | MR | DST |
| Latham | E2414R2 | RR2Y | 2.4 | S | CCB,Me |
| Latham | L2128R2 | RR2Y | 2.1 | R | CCB,Me |
| Latham | L2184R2X | RRX | 2.1 | R | SS |
| Latham | L2228R2 | RR2Y | 2.2 | R | CCB,Me |
| Latham | L2454R2X | RRX | 2.4 | S | CCB,Me |
| Latham | L2482R2 | RR2Y | 2.4 | R | CCB,Me |
| Latham | L2645R2 | RR2Y | 2.6 | MR | CCB,Me |
| Latham | L2758R2 | RR2Y | 2.7 | R | CCB,Me |
| LG Seeds | C2520R2 | RR2Y | 2.5 | R | CCB |
| LG Seeds | C2605R2 | RR2Y | 2.6 | S | CCB |
| Mustang | 21X127 | RRX | 2.1 | R | ACi |
| Mustang | 24X226 | RRX | 2.4 | R | NCFI |
| Mustang | 25456 | RR2Y | 2.5 | S | NCFI |
| Mustang | 27X827 | RRX | 2.7 | R | ACi |
| NK Brand | S20-T6 § | RR2Y | 2.0 | MR | CCB,Me |
| NK Brand | S22-S1 § | RR2Y | 2.2 | R | CCB,Me |
| NK Brand | S28-N6 § | RR2Y | 2.8 | R | CCB,Me |
| Pfister | 21R201 | RR2Y | 2.1 | R | CCB |
| Pfister | 21R205 | RR2Y | 2.1 | R | CCB |
| Pfister | 24R201 | RR2Y | 2.4 | R | CCB |
| Pfister | 26R204 | RR2Y | 2.6 | R | CCB |
| Pfister | 28R202 | RR2Y | 2.8 | R | CCB |
| Pioneer | P20T79R2 § | RR2Y | 2.0 | R | None |
| Pioneer | P22T41R2 § | RR2Y | 2.2 | R | EE,G |
| Pioneer | P22T69R GC | RR | 2.2 | R | None |

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt. |
|---------------|---------------|----------|------|-----|-----------|
| Pioneer | P22T73R § | RR | 2.2 | R | EE,G |
| Pioneer | P25T51R § | RR | 2.5 | R | EE,G |
| Pioneer | P28T08R § | RR | 2.8 | R | None |
| Prairie Brand | PB-2156R2 | RR2Y | 2.1 | R | CCB,In |
| Prairie Brand | PB-2296R2 | RR2Y | 2.2 | R | CCB,In |
| Prairie Brand | PB-2419RR2 | RR2Y | 2.3 | S | CCB,In |
| Prairie Brand | PB-2576R2 | RR2Y | 2.5 | R | CCB,In |
| Prairie Brand | PB-2600R2 | RR2Y | 2.6 | MR | CCB,In |
| Prairie Brand | PB-2876R2 | RR2Y | 2.8 | R | CCB,In |
| Renk | RS237X | RRX | 2.3 | S | CMB |
| Renk | RS246NR2 | RR2Y | 2.4 | R | CMBV |
| Renk | RS276NX | RRX | 2.8 | R | AM |
| Stine | 24RE03 § | RR2Y | 2.4 | MR | SFI |
| Stine | 24RH62 § | RR2Y | 2.4 | R | SFI |
| Stine | 28RH02 § | RR2Y | 2.8 | R | SFI |
| Titan Pro | TP-21X46 | RRX | 2.1 | R | None |
| Titan Pro | TP-23X76 | RRX | 2.3 | R | IS |
| Titan Pro | TP-24R26 | RR2Y | 2.4 | R | IS |
| Titan Pro | TP-26R35 | RR2Y | 2.6 | MR | IS |
| Titan Pro | TP-26X16 | RRX | 2.6 | R | IS |
| Titan Pro | TP-28X45 | RRX | 2.8 | R | IS |
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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. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® 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

| | |
|------|---------------------------------|
| LL | LibertyLink® |
| None | Conventional, non-GMO |
| P | Plenish® |
| RR | glyphosate tolerant |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| RRX | Genuity® Roundup Ready 2 Xtend® |
| ST | sulfonylurea tolerant |

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

| | | | | | |
|------|---|-----|-----------------------|------|----------------------------------|
| ? | Information not provided | DST | Dominance™ ST | Mg | Magnum ST™ (standard) |
| AC | Acceleron® fungicide products | DX | Defend™ Extra | NCFI | N-Compass™ Plus F/I |
| ACi | Acceleron® fungicide and insecticide products | EE | Evergol™ Energy | None | untreated |
| AG | ArmourGuard™ | En | Encase® | PV | Poncho®/Votivo® |
| AM | ApronMaxx® | G | Gaucho® | SDPI | Servo™ DPI |
| AVB | Avicta® Complete Beans | Gr+ | Great Start™ Max Plus | SFI | Stine XP fungicide & insecticide |
| CCB | Clariva™ Complete Beans | IL | ILeVO® | SS | Soyshield™ |
| CI | Clariva™ pn | In | Intego™ Solo | SS+ | Soyshield Plus™ |
| CMB | CruiserMaxx® Beans | IS | Intego™ Suite | SStd | SureStand™ |
| CMBV | CruiserMaxx® Beans with Vibrance | MAG | Maximum ArmourGuard™ | TE | Trius™ Elite |
| DPHB | DPH Boost® | Me | Mertect® | WCX | Warden® CX |

* Seed treatments may include unspecified plant health promoting components.