

2018 Soybean Top 30 Performance Summary for Iowa North [IANO]



Early-Season Test
Maturity Group 1.7 - 2.1

Top 30 of 60

S2018IANOa

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 | | New Hampton | | |
|----------------|----------------|-----------|------|-------------|--------------|-----------|-------|------------|-----------|--------------|------|-------------|----------|-------|
| | | | | | | | | | | \$/Acre | Rank | Britt | Lu Verne | Osage |
| Stine | 19RF32 § | RR2Y | 1.9 | R | 63.0 | | | 11.3 | 2 | \$504 | 1 | 69.2 | 59.9 | 60.0 |
| Channel | 1818R2X | RRX | 1.8 | R | 61.1 | | | 11.3 | 2 | \$489 | 2 | 68.7 | 58.2 | 56.3 |
| Golden Harvest | GH1852X | RRX | 1.8 | R | 60.8 | | | 11.4 | 5 | \$486 | 3 | 69.2 | 56.3 | 57.0 |
| Pfister | 20R23 | RR2Y | 2.0 | R | 60.6 | | | 11.3 | 2 | \$485 | 4 | 68.9 | 55.9 | 57.1 |
| Hefty | H20X7 | RRX | 2.0 | MR | 60.6 | | | 11.2 | 3 | \$485 | 5 | 65.2 | 63.4 | 53.2 |
| Kruger | K2X-2172 | RRX | 2.1 | R | 60.6 | | | 11.4 | 3 | \$485 | 6 | 70.2 | 58.9 | 52.7 |
| Hoegemeyer | LL2221N | LL | 2.2 | R | 60.5 | | | 11.3 | 2 | \$484 | 7 | 65.3 | 63.0 | 53.1 |
| FS HiSoy | HS 19A50 | RR2Y | 1.9 | R | 60.4 | | | 11.3 | 2 | \$483 | 8 | 65.6 | 64.3 | 51.2 |
| Kusmaul | KS-28G20 | RR | 2.0 | R | 60.4 | | | 11.3 | 2 | \$483 | 9 | 71.4 | 58.7 | 51.0 |
| Renk | RS207NX | RRX | 2.0 | R | 60.4 | | | 11.4 | 2 | \$483 | 10 | 68.8 | 59.2 | 53.2 |
| LG Seeds | C2126RX | RRX | 2.1 | R | 60.2 | | | 11.3 | 2 | \$482 | 11 | 70.0 | 60.8 | 49.8 |
| Titan Pro | TP 18X97 | RRX | 1.8 | MR | 60.1 | | | 11.3 | 2 | \$481 | 12 | 63.3 | 57.2 | 59.9 |
| Stine | 20RD20 § | RR2Y | 2.0 | R | 60.0 | | | 11.2 | 3 | \$480 | 13 | 67.7 | 58.7 | 53.5 |
| NK Brand | S20-J5X § | RRX | 2.0 | R | 59.8 | | | 11.3 | 2 | \$478 | 14 | 65.1 | 60.0 | 54.3 |
| Cornelius | CB18X80 | RRX | 1.8 | R | 59.7 | | | 11.3 | 2 | \$478 | 15 | 58.6 | 63.5 | 56.9 |
| Viking | 2155N | None | 2.1 | MR | 59.7 | | | 11.5 | 2 | \$478 | 16 | 59.6 | 61.9 | 57.6 |
| Dairyland | DSR-1870/R2Y | RR2Y | 1.8 | R | 59.7 | | | 11.1 | 3 | \$478 | 17 | 61.7 | 60.2 | 57.1 |
| Dairyland | DSR-1950/R2Y | RR2Y | 1.9 | R | 59.6 | | | 11.4 | 2 | \$477 | 18 | 66.5 | 59.5 | 52.7 |
| LG Seeds | LGS2007RX | RRX | 2.0 | R | 59.3 | | | 11.2 | 2 | \$474 | 19 | 62.3 | 58.5 | 57.1 |
| NorthStar | NS 62002NXR2 | RRX | 2.0 | MR | 59.2 | | | 11.3 | 2 | \$474 | 20 | 67.2 | 58.7 | 51.7 |
| Viking | 2018N | None | 2.0 | MR | 59.1 | | | 11.2 | 2 | \$473 | 21 | 71.6 | 53.1 | 52.5 |
| Titan Pro | TP 20X98 | RRX | 2.0 | MR | 59.1 | | | 11.3 | 2 | \$473 | 22 | 65.0 | 58.8 | 53.5 |
| NK Brand | S21-W8X | RRX | 2.1 | R | 59.0 | | | 11.1 | 2 | \$472 | 23 | 69.0 | 57.5 | 50.5 |
| Hefty | H21X9 | RRX | 2.1 | MR | 59.0 | | | 11.2 | 2 | \$472 | 24 | 65.6 | 58.8 | 52.6 |
| Kruger | K2X-1862 | RRX | 1.8 | R | 58.9 | | | 11.2 | 2 | \$471 | 25 | 66.7 | 59.2 | 50.8 |
| Legend | LS 21X705N | RRX | 2.1 | MR | 58.8 | | | 11.2 | 3 | \$470 | 26 | 65.6 | 60.0 | 50.8 |
| Golden Harvest | GH2041X | RRX | 2.0 | R | 58.7 | | | 11.1 | 2 | \$470 | 27 | 64.9 | 56.6 | 54.6 |
| Latham | L2184R2X | RRX | 2.1 | R | 58.7 | | | 11.2 | 3 | \$470 | 28 | 67.6 | 58.1 | 50.4 |
| Dairyland | DSR-2110/R2Y | RR2Y | 2.1 | R | 58.4 | | | 11.2 | 3 | \$467 | 30 | 72.1 | 55.0 | 48.1 |
| Titan Pro | TP 16L86 | LL | 1.6 | MR | 58.3 | | | 11.3 | 3 | \$466 | 31 | 68.3 | 60.7 | 46.0 |
| Croplan | R2C2200 CK | RR2Y | 2.2 | R | 58.6 | | | 11.3 | 2 | \$469 | 29 | 67.1 | 56.9 | 51.8 |
| | | | | | Averages = | 58.1 | | 11.3 | 2 | \$465 | | 64.2 | 58.3 | 51.9 |
| | | | | | LSD (0.10) = | 4.0 | | 0.1 | ns | | | 3.4 | 3.0 | 3.3 |
| | | | | | LSD (0.25) = | 2.1 | | 0.1 | ns | | | 1.8 | 2.1 | 2.3 |

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

Abandoned - Hail damage

Corey Rozenboom

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Previous years average yield for region, 55.9 bu/a, 16 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.

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Report Date: 10/27/2018

Revised:

2018 Soybean Top 30 Performance Summary for Iowa North [IANO]



Full-Season Test

Maturity Group 2.2 - 2.5

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S2018IANOb

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 | | Britt | New Hampton | |
|------------------|----------------|-------------|------------|-------------|--------------|-----------|-------|-------------|-----------|--------------|-----------|-------------|-------------|-------------|
| | | | | | | | | | | \$/Acre | Rank | | Lu Verne | Osage |
| LG Seeds | LGS2444RX | RRX | 2.4 | R | 64.6 | | | 11.2 | 2 | \$517 | 1 | 71.1 | 63.9 | 58.7 |
| Renk | RS248NX | RRX | 2.4 | R | 63.2 | | | 11.4 | 2 | \$506 | 2 | 68.9 | 64.6 | 56.1 |
| Titan Pro | TP 24X87 | RRX | 2.4 | MR | 63.0 | | | 11.5 | 2 | \$504 | 3 | 68.6 | 63.5 | 56.9 |
| Becks | 2559X2 GC | RRX | 2.5 | R | 63.0 | | | 11.3 | 4 | \$504 | 4 | 69.6 | 61.7 | 57.7 |
| FS HiSoy | HS 25X70 | RRX | 2.5 | R | 62.9 | | | 11.2 | 2 | \$503 | 5 | 67.3 | 64.6 | 56.7 |
| FS HiSoy | HS 24X80 | RRX | 2.4 | R | 62.9 | | | 11.3 | 2 | \$503 | 6 | 64.9 | 66.4 | 57.5 |
| Hefty | H24X8 | RRX | 2.4 | MR | 62.9 | | | 11.5 | 2 | \$503 | 7 | 71.7 | 61.8 | 55.2 |
| Dairyland | DSR-2330/R2Y | RR2Y | 2.3 | R | 62.9 | | | 11.4 | 3 | \$503 | 8 | 70.2 | 61.3 | 57.3 |
| Legend | LS 24X842N | RRX | 2.4 | MR | 62.5 | | | 11.5 | 2 | \$500 | 9 | 69.7 | 61.9 | 56.0 |
| Champion | 24L17N | LL | 2.4 | R | 62.5 | | | 11.5 | 2 | \$500 | 10 | 71.0 | 60.2 | 56.3 |
| Cornelius | CB22R88 | RR2Y | 2.2 | R | 62.4 | | | 11.2 | 2 | \$499 | 11 | 68.1 | 60.3 | 58.8 |
| Hefty | H23X9 | RRX | 2.3 | MR | 62.1 | | | 11.3 | 3 | \$497 | 12 | 69.3 | 61.6 | 55.3 |
| Latham | L2549R2X | RRX | 2.5 | R | 61.9 | | | 11.1 | 2 | \$495 | 13 | 64.4 | 59.9 | 61.4 |
| Champion | 2259CP | None | 2.2 | R | 61.9 | | | 11.4 | 7 | \$495 | 14 | 75.0 | 58.8 | 51.8 |
| Legend | LS 23X920N | RRX | 2.3 | MR | 61.4 | | | 11.3 | 2 | \$491 | 15 | 64.7 | 63.6 | 55.8 |
| FS HiSoy | HS 22X80 | RRX | 2.2 | R | 61.3 | | | 11.1 | 4 | \$490 | 16 | 67.6 | 61.5 | 54.7 |
| Latham | L2295R2X | RRX | 2.2 | R | 61.0 | | | 11.2 | 2 | \$488 | 17 | 67.6 | 59.8 | 55.5 |
| Viking | 2188AT12N | None | 2.4 | MR | 60.8 | | | 11.3 | 15 | \$486 | 18 | 66.6 | 62.9 | 52.8 |
| Hefty | H25X9 | RRX | 2.5 | MR | 60.6 | | | 11.1 | 2 | \$485 | 19 | 66.0 | 63.0 | 52.9 |
| Hefty | H22X8 | RRX | 2.2 | MR | 60.5 | | | 11.2 | 2 | \$484 | 20 | 68.9 | 60.5 | 52.0 |
| Cornelius | CB24R82 | RR2Y | 2.4 | R | 60.5 | | | 11.3 | 2 | \$484 | 21 | 65.0 | 58.9 | 57.7 |
| LG Seeds | LGS2239RX | RRX | 2.2 | R | 60.3 | | | 11.2 | 2 | \$482 | 22 | 62.7 | 60.9 | 57.2 |
| NorthStar | NS 62444NXR2 | RRX | 2.4 | MR | 60.1 | | | 11.5 | 2 | \$481 | 23 | 68.3 | 58.2 | 53.7 |
| Titan Pro | TP 24L27 | LL | 2.4 | MR | 60.0 | | | 11.3 | 2 | \$480 | 24 | 66.5 | 60.0 | 53.4 |
| Legend | LS 25X924N | RRX | 2.5 | MR | 60.0 | | | 11.2 | 4 | \$480 | 25 | 68.9 | 59.7 | 51.3 |
| Pioneer | P24A99X § | RRX | 2.4 | R | 59.6 | | | 11.3 | 2 | \$477 | 26 | 66.3 | 59.9 | 52.7 |
| Kruger | K2X-2442 | RRX | 2.4 | R | 59.6 | | | 11.4 | 4 | \$477 | 27 | 67.9 | 58.8 | 52.0 |
| Golden Harvest | GH2230X § | RRX | 2.2 | R | 59.5 | | | 11.1 | 3 | \$476 | 28 | 65.1 | 60.1 | 53.4 |
| Asgrow | AG24X7 § | RRX | 2.4 | R | 59.4 | | | 11.4 | 2 | \$475 | 29 | 63.4 | 60.5 | 54.4 |
| Becks | 234L4 GC | LL | 2.3 | R | 59.2 | | | 11.4 | 2 | \$474 | 31 | 65.7 | 59.6 | 52.2 |
| Croplan | R2C2200 CK | RR2Y | 2.2 | R | 59.2 | | | 11.2 | 2 | \$474 | 30 | 67.6 | 57.5 | 52.6 |

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Abandoned - Hail damage

Corey Rozenboom

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Averages = 59.8
LSD (0.10) = 2.9
LSD (0.25) = 1.5

Previous years average yield for region, 55.9 bu/a, 16 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.

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Report Date: 10/27/2018

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.