

2018 Soybean Top 30 Harvest Report

Iowa South [IASO] WINTERSET

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Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Corn / Bicep II Magnum, Realm Q
 SOIL DESCRIPTION: Sharpsburg silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Medium P, medium K, 5.8 pH, 3.6% OM, 19.5 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: glyphosate, Zidua Pro, Headline
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 10 160,000 /A 15" Spacing
 HARVESTED - STAND: Oct 24 158,200 /A

All-Season Test
Maturity Group 2.5 - 3.6
 S2018IASO54

Top 30 of 63

For Gross Income (Sorted by Yield)
 Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-----------------|------------|------------|-------------|-------------|-------------|-----------|----------------|----------------------|-----------|
| Pioneer | P29A25X § | RRX | 2.9 | R | 69.9 | 10.6 | 1 | 158.4 | \$540 | 1 |
| LG Seeds | C2888RX | RRX | 2.8 | R | 68.8 | 10.6 | 1 | 158.4 | \$531 | 2 |
| Kruger | K2X-2863 | RRX | 2.8 | R | 67.2 | 11.2 | 1 | 158.4 | \$519 | 3 |
| Champion | 30XS39N | RRX,ST | 3.0 | R | 67.0 | 11.0 | 1 | 156.3 | \$517 | 4 |
| LG Seeds | C3550RX | RRX | 3.5 | R | 66.9 | 10.6 | 2 | 158.4 | \$516 | 5 |
| FS HiSoy | HS 29X80 | RRX,ST | 2.9 | R | 66.7 | 10.7 | 1 | 158.4 | \$515 | 6 |
| Kruger | K2X-2573 | RRX | 2.5 | R | 66.4 | 10.7 | 1 | 158.4 | \$513 | 7 |
| Latham | L2549R2X | RRX | 2.5 | R | 66.3 | 10.5 | 1 | 158.4 | \$512 | 8 |
| NK Brand | S34-T2X | RRX | 3.4 | R | 66.0 | 10.7 | 1 | 158.4 | \$510 | 9 |
| Dairyland | DSR-3028/R2Y | RR2Y | 3.0 | MR | 65.9 | 10.5 | 2 | 158.4 | \$509 | 10 |
| FS HiSoy | HS 34X60 | RRX | 3.4 | R | 65.7 | 10.7 | 1 | 158.4 | \$507 | 11 |
| LG Seeds | C3333RX § | RRX | 3.3 | R | 65.2 | 10.8 | 1 | 157.9 | \$503 | 12 |
| Champion | 36X38N | RRX | 3.6 | R | 65.1 | 10.8 | 1 | 158.4 | \$503 | 13 |
| Kruger | K2X-3552 | RRX | 3.5 | R | 65.0 | 10.6 | 1 | 158.4 | \$502 | 14 |
| Latham | L3197R2X | RRX | 3.1 | R | 64.9 | 10.6 | 1 | 157.9 | \$501 | 15 |
| Golden Harvest | GH3088X | RRX | 3.0 | MR | 64.8 | 10.4 | 1 | 158.4 | \$500 | 16 |
| Renk | RS288NX | RRX | 2.8 | R | 64.7 | 11.1 | 4 | 158.4 | \$499 | 17 |
| Titan Pro | TP 34X86 | RRX | 3.4 | MR | 64.6 | 10.6 | 1 | 158.4 | \$499 | 18 |
| Kruger | K2X-3353 | RRX | 3.3 | R | 64.2 | 10.4 | 1 | 158.4 | \$496 | 19 |
| NK Brand | S30-M9X § | RRX | 3.0 | MR | 63.4 | 10.6 | 9 | 158.4 | \$489 | 20 |
| Latham | L3448R2X | RRX | 3.4 | R | 63.3 | 10.8 | 1 | 158.4 | \$489 | 21 |
| Kruger | K2X-2652 | RRX | 2.6 | R | 63.3 | 10.4 | 4 | 158.4 | \$489 | 22 |
| Latham | L2887R2X | RRX | 2.8 | R | 63.0 | 10.4 | 1 | 158.4 | \$486 | 23 |
| Latham | E2895R2X | RRX | 2.8 | R | 63.0 | 10.6 | 2 | 158.4 | \$486 | 24 |
| Golden Harvest | GH2788X | RRX | 2.7 | R | 62.9 | 10.7 | 1 | 158.4 | \$486 | 25 |
| Kruger | K2X-2971 | RRX | 2.9 | R | 62.6 | 10.4 | 2 | 157.9 | \$483 | 26 |
| NK Brand | S33-D7X § | RRX | 3.3 | R | 62.2 | 10.2 | 1 | 157.9 | \$480 | 27 |
| Titan Pro | TP 32X58 | RRX | 3.2 | MR | 62.2 | 10.3 | 2 | 158.4 | \$480 | 28 |
| Golden Harvest | GH3546X | RRX | 3.5 | R | 62.0 | 10.5 | 1 | 158.4 | \$479 | 29 |
| Latham | L2982GT27 | G27 | 2.9 | R | 62.0 | 10.6 | 1 | 158.4 | \$479 | 30 |

Averages = **61.4** **10.6** **2** **158.2** **\$474**

LSD (0.10) = 4.5 ns ns

LSD (0.25) = 2.4 ns ns

C.V. = 7.0 Prev. years avg. yield, 68.6 bu/a, 14 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$7.72 GMO; \$7.72 non-GMO

TEST COMMENTS: *Planting conditions were very good. Seedling emergence was good. At harvest, plants stood 32 to 41 inches tall with minimal lodging. Clusters of small pods spaced wide apart was normal. Soybean seeds were small and of low quality, white moldy, purple spotted and aborted seeds were observed. The plot looked lower yielding, fewer and smaller pods, than the surrounding field.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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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 | Gr+ | Great Start™ Max Plus |
| A2020 | Alert 2020™ | I | insecticide |
| AC | Acceleron® fungicide products | IL | ILeVO® |
| ACi | Acceleron® fungicide and insecticide products | In | Intego™ Solo |
| AM | ApronMaxx® | IS | Intego™ Suite |
| ASfi | AgriShield® F+I | Lu | Lumisena™ |
| AVB | Avicta® Complete Beans | Me | Mertect® |
| AVBV | Avicta® Complete Beans with Vibrance | None | untreated |
| BB | Buckeye Boost ST | Pd | proTect D™ |
| CCB | Clariva™ Complete Beans | PG+ | Profit Guard +™ |
| CI | Clariva™ pn | PS | MAS Pro-Shield |
| CMB | CruiserMaxx® Beans | PV | Poncho®/Votivo® |
| CMBV | CruiserMaxx® Beans with Vibrance | R | Redigo™ |
| DPHB | DPH Boost® | Ret | Revize® SB+T |
| DST | Dominance™ ST | Ri | Rizolex™ |
| DX | Defend™ Extra | SF | Stine XP F |
| EcTC | Eclipse™ US Total coverage | SFI | Stine XP fungicide & insecticide |
| EE | Evergol™ Energy | SS | Soyshield™ |
| EL | Elevate™ F+I | SS+ | Soyshield Plus™ |
| EL+ | Elevate™ Plus | TE | Trius Elite™ |
| En | Encase® | TT | Turbo Treat™ |
| EQV | Equity® VIP | W | Warden® CX |
| Es | Escalate™ | Wr | Warden® RTA |
| F | fungicide | YPP | YP Pro™ |
| G | Gaucho® | | |

* Seed treatments may include unspecified plant health promoting components.