

2018 Soybean Top 30 Harvest Report
 Iowa South [IASO] WASHINGTON
 Tom Vittetoe, Washington County, IA 52353



PREV. CROP/HERB: Corn / Harness Xtra, Instigate, Roundup
 SOIL DESCRIPTION: Mahaska-Taintor silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Very high P, high K, 5.9 pH, 3.2% OM, 18.3 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Zidua, Roundup Max, Select, Quilt, Fomesafen
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 9 160,000 /A 15" Spacing
 HARVESTED - STAND: Oct 22 158,200 /A

All-Season Test
Maturity Group 2.5 - 3.6
 S2018IASO53

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 |
|----------------|----------------|-----------|------|-------------|-------------|------------|-----------|----------------|----------------------|------|
| Golden Harvest | GH3546X | RRX | 3.5 | R | 91.4 | 12.9 | 6 | 158.4 | \$706 | 1 |
| Asgrow | AG33X8 § | RRX | 3.3 | R | 90.0 | 12.7 | 5 | 158.4 | \$695 | 2 |
| Renk | RS309NSX | RRX,ST | 3.0 | R | 89.4 | 13.0 | 17 | 158.4 | \$690 | 3 |
| NK Brand | S35-K9X | RRX | 3.5 | R | 87.9 | 12.7 | 2 | 157.9 | \$679 | 4 |
| Latham | E2895R2X | RRX | 2.8 | R | 87.7 | 13.0 | 6 | 157.9 | \$677 | 5 |
| Latham | L3448R2X | RRX | 3.4 | R | 87.1 | 13.1 | 1 | 158.4 | \$672 | 6 |
| Golden Harvest | GH2981X | RRX | 2.9 | R | 86.5 | 13.0 | 14 | 158.4 | \$668 | 7 |
| FS HiSoy | HS 34X60 | RRX | 3.4 | R | 86.1 | 12.7 | 1 | 158.4 | \$665 | 8 |
| Golden Harvest | GH3324X | RRX | 3.3 | R | 85.7 | 13.1 | 4 | 158.4 | \$661 | 9 |
| Pioneer | P29A25X § | RRX | 2.9 | R | 85.5 | 13.1 | 6 | 158.4 | \$660 | 10 |
| Golden Harvest | GH3088X | RRX | 3.0 | MR | 85.4 | 12.9 | 14 | 158.4 | \$659 | 11 |
| Pioneer | P31A22X § | RRX | 3.1 | R | 85.3 | 12.9 | 21 | 157.9 | \$659 | 12 |
| Asgrow | AG26X8 § | RRX | 2.6 | R | 84.9 | 12.7 | 1 | 158.4 | \$655 | 13 |
| Stine | 24RH62 § | RR2Y | 2.4 | R | 84.9 | 12.9 | 3 | 158.4 | \$655 | 14 |
| LG Seeds | LGS3411RX | RRX | 3.4 | R | 84.7 | 12.8 | 1 | 158.4 | \$654 | 15 |
| NK Brand | S33-D7X § | RRX | 3.3 | R | 84.1 | 12.9 | 10 | 158.4 | \$649 | 16 |
| Kruger | K2X-3353 | RRX | 3.3 | R | 83.9 | 12.8 | 1 | 158.4 | \$648 | 17 |
| Titan Pro | TP 28X47 | RRX | 2.8 | MR | 83.3 | 12.7 | 2 | 157.9 | \$643 | 18 |
| Kruger | K2X-2863 | RRX | 2.8 | R | 83.3 | 12.7 | 2 | 158.4 | \$643 | 19 |
| Golden Harvest | GH3475X | RRX | 3.4 | R | 83.1 | 12.6 | 2 | 158.4 | \$642 | 20 |
| Kruger | K2X-3552 | RRX | 3.5 | R | 83.1 | 12.7 | 2 | 158.4 | \$642 | 21 |
| Latham | L2549R2X | RRX | 2.5 | R | 83.1 | 12.7 | 14 | 158.4 | \$642 | 22 |
| Champion | 36X38N | RRX | 3.6 | R | 83.1 | 13.1 | 1 | 158.4 | \$641 | 23 |
| FS HiSoy | HS 29X80 | RRX,ST | 2.9 | R | 83.1 | 13.1 | 17 | 158.4 | \$641 | 24 |
| Latham | L3197R2X | RRX | 3.1 | R | 82.4 | 12.9 | 2 | 158.4 | \$636 | 25 |
| LG Seeds | C3333RX § | RRX | 3.3 | R | 82.3 | 13.1 | 1 | 158.4 | \$635 | 26 |
| Latham | L2887R2X | RRX | 2.8 | R | 82.1 | 12.9 | 7 | 158.4 | \$634 | 27 |
| Dairyland | DSR-3250/R2Y | RR2Y | 3.2 | R | 82.0 | 13.0 | 1 | 158.4 | \$633 | 28 |
| FS HiSoy | HS 33X80 | RRX | 3.3 | R | 81.9 | 13.3 | 1 | 158.4 | \$632 | 29 |
| Stine | 28BA02 § | G27 | 2.8 | R | 81.7 | 12.7 | 2 | 158.4 | \$631 | 30 |

Averages = **80.9** **12.9** **6** **158.2** **\$624**

LSD (0.10) = 5.0 ns ns

LSD (0.25) = 2.7 ns ns

C.V. = 5.9 Prev. years avg. yield, 62.8 bu/a, 8 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 good and seedlings emerged well. Plants stood 32 to 40 inches tall. Pods were set close together with good seed size. Plants were well matured and shelling was easy. This area also has reports of damaged/diseased soybean grain being delivered to elevators but no grain issues seen in the grain samples taken here. No major lodging issues at this test site.*

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

Additional reports available at www.firstseedtests.com

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Report Date: 10/23/2018 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.