

2014 Soybean Top 30 Harvest Report

Iowa North Central [IANC] LAURENS

Dale Roewe, Pocahontas County, IA 50554



Test by: North Iowa F.I.R.S.T., Inc, Sanborn, IA

PREV. CROP/HERB: Corn / Halex GT, Atrazine
 SOIL DESCRIPTION: Clarion loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 5.7 pH, 2.7 % OM
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Flexstar GT, Clethodim
 SEEDED - RATE - ROW: May 17 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 9 161,700 /A

Early-Season Test

2.1 - 2.4 Day RM

S2014IANC01a

Top 30 of 48

For Gross Income (Sorted by Yield)

Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trmt.† | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|---------------|----------------|-----------|------|-------------|-------------|-------------|------------|-----------|----------------|--------------|
| FS Hisoy | HS 23A42 | RR2Y | 2.30 | R | ACi | 57.1 | 12.1 | 1 | 147.1 | \$502 |
| Dyna-Gro | S24RY65 | RR2Y | 2.40 | R | CMBV | 56.8 | 12.3 | 1 | 158.7 | \$500 |
| Kruger | K2-2103 | RR2Y | 2.10 | R | ACi | 54.5 | 12.2 | 1 | 166.5 | \$480 |
| Pioneer | P22T69R § | RR | 2.20 | R | EE,G | 53.7 | 11.3 | 1 | 166.5 | \$473 |
| SOI | 2486NRR2Y | RR2Y | 2.40 | R | None | 53.3 | 12.3 | 1 | 166.5 | \$469 |
| Cornelius | CB21R24 | RR2Y | 2.10 | R | CCB | 53.2 | 12.2 | 1 | 166.5 | \$468 |
| Prairie Brand | PB-2319R2 | RR2Y | 2.30 | R | CMBV | 53.0 | 11.8 | 1 | 162.6 | \$466 |
| Pfister | 24R22 | RR2Y | 2.40 | R | CCB | 52.6 | 12.2 | 1 | 166.5 | \$463 |
| Stine | 24RE03 § | RR2Y | 2.40 | MR | None | 52.5 | 12.1 | 1 | 162.6 | \$462 |
| Titan Pro | TP-23R04 | RR2Y | 2.30 | R | CCB | 52.4 | 11.9 | 1 | 166.5 | \$461 |
| Kruger | K2-2402 | RR2Y | 2.40 | R | ACi | 52.3 | 12.1 | 1 | 151.0 | \$460 |
| Cornelius | CB22R60 | RR2Y | 2.20 | R | CCB | 52.2 | 11.8 | 1 | 154.9 | \$459 |
| Prairie Brand | PB-2024R2 | RR2Y | 2.00 | R | CMBV | 52.0 | 12.3 | 1 | 158.7 | \$458 |
| Dyna-Gro | S22RY64 | RR2Y | 2.20 | MR | CMBV | 51.4 | 11.7 | 1 | 166.5 | \$452 |
| Federal | F224NRR2Y | RR2Y | 2.20 | R | CCB | 51.1 | 12.0 | 1 | 151.0 | \$450 |
| Stine | 22RD00 § | RR2Y | 2.20 | MR | None | 51.1 | 12.1 | 1 | 166.5 | \$450 |
| Dairyland | DSR-2250/R2Y | RR2Y | 2.20 | MR | CMB | 51.0 | 12.0 | 1 | 166.5 | \$449 |
| Prairie Brand | PB-2230R2 | RR2Y | 2.20 | R | CMBV | 51.0 | 12.1 | 1 | 166.5 | \$449 |
| Renze | 22R33R2cn | RR2Y | 2.20 | R | CMB | 50.9 | 11.8 | 1 | 166.5 | \$448 |
| Champion | 23R85N | RR2Y | 2.30 | MR | CCB | 50.8 | 12.0 | 1 | 154.9 | \$447 |
| Asgrow | AG2433 § | RR2Y | 2.40 | MR | ACi | 50.6 | 12.1 | 1 | 151.0 | \$445 |
| Latham | L2384R2 | RR2Y | 2.30 | R | SS+ | 50.4 | 11.5 | 1 | 158.7 | \$444 |
| FS Hisoy | HS 24A44 | RR2Y | 2.40 | R | ACi | 50.4 | 12.1 | 1 | 151.0 | \$444 |
| Pfister | 22R20 | RR2Y | 2.20 | R | CCB | 50.2 | 12.0 | 1 | 151.0 | \$442 |
| Kruger | K2-2201 | RR2Y | 2.20 | R | ACi | 50.0 | 12.0 | 1 | 162.6 | \$440 |
| Asgrow | AG2232 § | RR2Y | 2.20 | R | ACi | 50.0 | 12.2 | 1 | 166.5 | \$440 |
| Kruger | K2-2403 | RR2Y | 2.40 | R | ACi | 49.8 | 11.9 | 1 | 166.5 | \$438 |
| Latham | L2448R2 | RR2Y | 2.40 | R | CCB | 49.8 | 12.2 | 1 | 166.5 | \$438 |
| Dairyland | DST24-006/R2Y | RR2Y | 2.40 | R | CMB | 49.8 | 12.3 | 1 | 166.5 | \$438 |
| Titan Pro | TP-24R24 | RR2Y | 2.40 | R | CCB | 49.7 | 12.0 | 1 | 166.5 | \$437 |
| Croplan | R2T2501 CK | RR2Y | 2.40 | R | None | 52.1 | 12.2 | 1 | 151.0 | \$458 |

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| | | | | | |
|----------------|-------------|-------------|----------|--------------|--------------|
| Test Average = | 50.5 | 12.0 | 1 | 161.7 | \$445 |
| LSD (0.10) = | 3.6 | 0.6 | ns | | |
| LSD (0.25) = | 2.5 | 0.4 | ns | | |
| C.V. = | 5.3 | 3.7 | | | |

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$8.80 \text{ GMO}}{\$8.80 \text{ Non-GMO}}$

TEST COMMENTS: Soybean planting was delayed by wet weather. Favorable conditions followed planting for excellent germination and final stands near 96%. Some big June storms delivered almost 17" including 3.59", 4.3" and 1.24" on June 14, 16 and 17, respectively. July turned very dry. Temps were below average late June through mid-Sept, near freezing on Sept 12. Pods were close to the ground.

† 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
 Report date: 10/10/2014 Revised:

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2014 Soybean Top 30 Harvest Report

Iowa North Central [IANC] LAURENS
Dale Roewe, Pocahontas County, IA 50554



PREV. CROP/HERB: Corn / Halex GT, Atrazine
SOIL DESCRIPTION: Clarion loam, mod. well drained, non-irrigated
SOIL CONDITIONS: High P, mod. high K, 5.7 pH, 2.7 % OM
TILLAGE/CULTIVATION: Minimum w/ fall till
PEST MANAGEMENT: Flexstar GT, Clethodim
SEEDED - RATE - ROW: May 17 167,000 /A 15" Spacing
HARVESTED - STAND: Oct 9 160,000 /A

Full-Season Test
2.5 - 2.8 Day CRM
S2014IANC01b

Top 30 of 42

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

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trmt.† | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|---------------|----------------|-----------|------|-------------|-------------|-------------|------------|-----------|----------------|--------------|
| NK Brand | S27-J7 § | RR2Y | 2.70 | R | CCB | 62.7 | 15.2 | 1 | 154.9 | \$549 |
| Steyer | 2805R2 | RR2Y | 2.80 | MR | CMBV | 59.4 | 13.6 | 1 | 166.5 | \$522 |
| NK Brand | S26-P3 § | RR2Y | 2.60 | MR | CCB | 58.5 | 13.8 | 1 | 162.6 | \$514 |
| Dyna-Gro | S25RY44 | RR2Y | 2.50 | R | CMBV | 58.2 | 13.5 | 1 | 158.8 | \$512 |
| Stine | 26RD02 § | RR2Y | 2.60 | R | None | 58.1 | 13.1 | 1 | 166.5 | \$511 |
| LG Seeds | C2534R2 | RR2Y | 2.50 | R | AC,PV | 57.9 | 13.0 | 1 | 166.5 | \$510 |
| Kruger | K2-2503 | RR2Y | 2.50 | R | ACi | 57.7 | 12.9 | 1 | 166.5 | \$508 |
| Cornelius | CB28R58 | RR2Y | 2.80 | R | CCB | 57.6 | 14.7 | 1 | 162.6 | \$505 |
| Latham | L2758R2 | RR2Y | 2.70 | R | CCB | 57.4 | 13.3 | 1 | 143.3 | \$505 |
| Dyna-Gro | S26RS75 | RR2Y,ST | 2.60 | R | CMBV | 57.4 | 13.5 | 1 | 151.0 | \$505 |
| Titan Pro | 25M22 | RR2Y | 2.50 | R | CCB | 57.2 | 12.7 | 1 | 166.5 | \$503 |
| Latham | L2645R2 | RR2Y | 2.60 | S | CCB | 56.9 | 14.4 | 1 | 166.5 | \$499 |
| Prairie Brand | PB-2600R2 | RR2Y | 2.60 | MR | CMBV | 56.6 | 14.4 | 1 | 166.5 | \$496 |
| Prairie Brand | PB-2997R2 | RR2Y | 2.90 | R | CMBV | 56.3 | 14.0 | 1 | 166.5 | \$494 |
| Latham | L2884R2 | RR2Y | 2.80 | R | CCB | 54.8 | 14.2 | 1 | 147.1 | \$481 |
| LG Seeds | C2744R2 | RR2Y | 2.70 | R | AC,PV | 54.6 | 13.2 | 1 | 154.9 | \$480 |
| Cornelius | CB26R30 | RR2Y | 2.60 | S | CCB | 54.6 | 13.6 | 1 | 166.5 | \$480 |
| Titan Pro | TP-27R54 | RR2Y | 2.70 | R | CCB | 54.3 | 12.9 | 1 | 143.3 | \$478 |
| Steyer | 2503R2 | RR2Y,ST | 2.50 | MR | CMBV | 54.3 | 14.0 | 1 | 166.5 | \$477 |
| Channel | 2706R2 | RR2Y | 2.70 | MR | ACi | 53.8 | 13.0 | 1 | 151.0 | \$473 |
| Champion | 26R83N | RR2Y | 2.60 | MR | CMBV | 53.7 | 12.7 | 1 | 166.5 | \$473 |
| Cornelius | CB27R83 | RR2Y | 2.70 | R | CCB | 53.5 | 13.8 | 1 | 158.8 | \$470 |
| Dairyland | DST26-005/R2Y | RR2Y | 2.60 | MR | CMB | 53.3 | 13.3 | 1 | 162.6 | \$469 |
| FS Hisoy | HS 25A42 | RR2Y | 2.50 | R | ACi | 52.9 | 13.3 | 1 | 147.1 | \$465 |
| Cornelius | CB25R78 | RR2Y | 2.50 | R | CCB | 52.8 | 12.6 | 1 | 166.5 | \$465 |
| Dairyland | DSR-2612/R2Y | RR2Y | 2.60 | R | CMB | 51.9 | 14.8 | 1 | 166.5 | \$455 |
| Steyer | 2604R2 | RR2Y | 2.60 | S | CMBV | 51.6 | 13.2 | 1 | 166.5 | \$454 |
| Prairie Brand | PB-2556R2 | RR2Y | 2.50 | R | CMBV | 51.3 | 13.3 | 1 | 154.9 | \$451 |
| Pfister | 26R29 | RR2Y | 2.60 | R | CCB | 51.3 | 14.6 | 1 | 166.5 | \$450 |
| Pioneer | 92Y51 § | RR | 2.50 | R | EE,G | 51.1 | 12.1 | 1 | 158.8 | \$450 |
| Croplan | R2T2501 CK | RR2Y | 2.40 | R | None | 52.4 | 12.3 | 1 | 166.5 | \$461 |

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| | | | | | |
|----------------|-------------|-------------|----------|--------------|--------------|
| Test Average = | 53.6 | 13.9 | 1 | 160.0 | \$470 |
| LSD (0.10) = | 4.3 | 1.6 | ns | | |
| LSD (0.25) = | 3.0 | 1.1 | ns | | |
| C.V. = | 5.8 | 8.3 | | | |

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$8.80 \text{ GMO}}{\$8.80 \text{ Non-GMO}}$

TEST COMMENTS: Soybean planting was delayed by wet weather. Favorable conditions followed planting for excellent germination and final stands near 96%. Some big June storms delivered almost 17" including 3.59", 4.3" and 1.24" on June 14, 16 and 17, respectively. July turned very dry. Temps were below average late June through mid-Sept, near freezing on Sept 12. Pods were close to the ground.

† 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: 10/10/2014 Revised:

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Early-Season Test Products (48 Total)

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt | Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt |
|---------------|---------------|----------|------|-----|----------|---------------|---------------|----------|------|-----|----------|
| Asgrow | AG2232 § | RR2Y | 2.20 | R | ACi | Titan Pro | TP-21R63 | RR2Y | 2.10 | R | CCB |
| Asgrow | AG2433 § | RR2Y | 2.40 | MR | ACi | Titan Pro | TP-23R04 | RR2Y | 2.30 | R | CCB |
| Champion | 21R34N | RR2Y | 2.10 | MR | CMBV | Titan Pro | TP-24R24 | RR2Y | 2.40 | R | CCB |
| Champion | 23R85N | RR2Y | 2.30 | MR | CCB | | | | | | |
| Channel | 2306R2 | RR2Y | 2.30 | R | ACi | | | | | | |
| Cornelius | CB21R24 | RR2Y | 2.10 | R | CCB | | | | | | |
| Cornelius | CB22R60 | RR2Y | 2.20 | R | CCB | | | | | | |
| Cornelius | CB23R98 | RR2Y | 2.30 | R | CCB | | | | | | |
| Croplan | R2T2501 CK | RR2Y | 2.40 | R | None | | | | | | |
| Dairyland | DSR-2250/R2Y | RR2Y | 2.20 | MR | CMB | | | | | | |
| Dairyland | DSR-2411/R2Y | RR2Y | 2.40 | S | CMB | | | | | | |
| Dairyland | DST24-006/R2Y | RR2Y | 2.40 | R | CMB | | | | | | |
| Dyna-Gro | S22RY64 | RR2Y | 2.20 | MR | CMBV | | | | | | |
| Dyna-Gro | S24RY65 | RR2Y | 2.40 | R | CMBV | | | | | | |
| Federal | F224NRR2Y | RR2Y | 2.20 | R | CCB | | | | | | |
| Federal | F235NRR2Y | RR2Y | 2.30 | R | CCB | | | | | | |
| FS Hisoy | HS 22A21 | RR2Y | 2.20 | R | CMBV | | | | | | |
| FS Hisoy | HS 23A42 | RR2Y | 2.30 | R | ACi | | | | | | |
| FS Hisoy | HS 24A42 | RR2Y | 2.40 | R | ACi | | | | | | |
| FS Hisoy | HS 24A44 | RR2Y | 2.40 | R | ACi | | | | | | |
| Kruger | K2-2103 | RR2Y | 2.10 | R | ACi | | | | | | |
| Kruger | K2-2201 | RR2Y | 2.20 | R | ACi | | | | | | |
| Kruger | K2-2402 | RR2Y | 2.40 | R | ACi | | | | | | |
| Kruger | K2-2403 | RR2Y | 2.40 | R | ACi | | | | | | |
| Latham | L2128R2 | RR2Y | 2.10 | R | CCB | | | | | | |
| Latham | L2253R2 | RR2Y | 2.20 | R | CCB | | | | | | |
| Latham | L2384R2 | RR2Y | 2.30 | R | SS+ | | | | | | |
| Latham | L2448R2 | RR2Y | 2.40 | R | CCB | | | | | | |
| LG Seeds | C2222R2 | RR2Y | 2.20 | R | AC,PV | | | | | | |
| LG Seeds | C2441R2 | RR2Y | 2.40 | R | AC,PV | | | | | | |
| NK Brand | S22-S1 § | RR2Y | 2.20 | R | CCB | | | | | | |
| Pfister | 22R20 | RR2Y | 2.20 | R | CCB | | | | | | |
| Pfister | 24R22 | RR2Y | 2.40 | R | CCB | | | | | | |
| Pioneer | P22T69R § | RR | 2.20 | R | EE,G | | | | | | |
| Prairie Brand | PB-2024R2 | RR2Y | 2.00 | R | CMBV | | | | | | |
| Prairie Brand | PB-2230R2 | RR2Y | 2.20 | R | CMBV | | | | | | |
| Prairie Brand | PB-2319R2 | RR2Y | 2.30 | R | CMBV | | | | | | |
| Renze | 22R33R2cn | RR2Y | 2.20 | R | CMB | | | | | | |
| Renze | 24R25R2cn | RR2Y | 2.40 | R | CMB | | | | | | |
| SOI | 2208NRR2Y | RR2Y | 2.20 | R | None | | | | | | |
| SOI | 2406NRR2Y | RR2Y | 2.40 | R | None | | | | | | |
| SOI | 2486NRR2Y | RR2Y | 2.40 | R | None | | | | | | |
| Stine | 22RD00 § | RR2Y | 2.20 | MR | None | | | | | | |
| Stine | 24RE03 § | RR2Y | 2.40 | MR | None | | | | | | |
| Titan Pro | 22M12 | RR2Y | 2.20 | R | CCB | | | | | | |

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|--|
| ^ | G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPM maxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPM maxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a Syngenta Group Company. |
| 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 |
| RR | Roundup Ready® Soybeans |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| 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 | DST | Dominance ST |
| A | Allegiance® | EE | Evergol™ Energy |
| AC | Acceleron® fungicide products | G | Gaucho® |
| ACi | Acceleron® fungicide and insecticide products | I | Inovate™ System |
| AM | ApronMaxx® | M | Maxim® |
| AP | Apron XL® | None | untreated |
| AVB | Avicta® Complete Beans | PS | ProShield™ (Mid-Atlantic Seed) |
| C | Cruiser® | PV | Poncho®/Votivo® |
| CCB | Clariva Complete Beans | SS+ | Soyshield Plus™ |
| CMB | CruiserMaxx® Beans | T | Trilex® |
| CMBV | CruiserMaxx® Beans with Vibrance | | |

* Seed treatments may include unspecified plant health promoting components.