2014 Soybean Top 30 Harvest Report

Illinois North Central [ILNC] PAXTON Mike Short, Ford County, IL 60957



PREV. CROP/HERB: Corn / Corvus, Atrazine **All-Season Test** 2.8 - 3.8 Day RM

SOIL DESCRIPTION: Elliott-Ashkum silty clay loam, mod. well drained, non-irrigated Mod. High P, mod. high K, 6.6 pH, 3.9 % OM, low SCN SOIL CONDITIONS:

S2014ILNC04

TILLAGE/CULTIVATION: No-till

PEST MANAGEMENT: 2,4-D (fall), Canopy EX, Durango Top 30 of 60

SEEDED - RATE - ROW: May 31 140,000 /A 30" Spacing For Gross Income (Sorted by Yield) HARVESTED - STAND: Oct 23 96,600 /A Average of (2) Replications

| HARVESTED - STAND: | Oct 23 96,60 | 0 /A | | | | | | Avera | age of (2) | Replications |
|-----------------------|--------------------|-----------|------|----------|--------------------------------|------------|----------|---------|------------|--------------------|
| | | | | SCN | Seed | Yield | Moisture | Lodging | Stand | Gross |
| Company/Brand | Product/Brand† | Technol.† | Mat. | Resist. | Trmt.† | * Bu/A * | % | % | (x 1000) | Income |
| Stone | 2R3604 | RR2Y | 3.60 | MR | ACi | 56.7 | 15.7 | 0 | 113.3 | \$544 |
| Asgrow | AG3334 § | RR2Y | 3.30 | MR | ACi | 56.0 | 14.3 | 0 | 108.9 | \$538 |
| Dairyland | DSR-3838/R2Y | RR2Y | 3.80 | MR | CMB | 55.9 | 16.7 | 0 | 113.3 | \$535 |
| Pfister | 30R25 | RR2Y | 3.00 | R | CCB | 54.6 | 14.4 | 0 | 104.5 | \$525 |
| Steyer | 3301R2 | RR2Y | 3.30 | MR | CMBV | 54.5 | 14.5 | 0 | 104.5 | \$524 |
| FS Hisoy | HS 30A42 | RR2Y | 3.00 | R | ACi | 54.2 | 13.7 | 0 | 69.7 | \$522 |
| FS Hisoy | HS 34A42 | RR2Y | 3.40 | R | CMBV | 54.0 | 13.9 | 0 | 104.5 | \$520 |
| Seed Consultants | SCS 9385RR^ GC | RR | 3.80 | R | EE,G | 54.0 | 15.3 | 0 | 104.5 | \$518 |
| Dairyland | DSR-3313/R2Y | RR2Y | 3.30 | R | CMB | 53.9 | 14.4 | 0 | 104.5 | \$518 |
| Asgrow | AG3832 § | RR2Y | 3.80 | R | ACi | 53.9 | 14.5 | 0 | 104.5 | \$518 |
| Pfister | 34R20 | RR2Y | 3.40 | R | CCB | 53.9 | 14.8 | 0 | 95.8 | \$518 |
| NuTech/G2 Gen | 7384^ | RR | 3.80 | R | EE,G | 53.4 | 16.7 | 0 | 100.2 | \$511 |
| Seed Consultants | SCS 9345RR^ GC | RR | 3.40 | R | EE,G | 53.3 | 13.4 | 0 | 104.5 | \$513 |
| LG Seeds | C3555R2 | RR2Y | 3.50 | R | AC,PV | 52.8 | 14.0 | 0 | 104.5 | \$508 |
| LG Seeds | C3989R2 | RR2Y | 3.90 | R | AC,PV | 52.8 | 14.7 | 0 | 100.2 | \$507 |
| Steyer | 3103R2 | RR2Y | 3.10 | MR | CMBV | 52.1 | 14.5 | 0 | 104.5 | \$501 |
| NK Brand | S35-A5 § | RR2Y | 3.50 | R | CCB | 52.1 | 14.6 | 0 | 122.0 | \$501 |
| Channel | 3308R2 | RR2Y | 3.30 | R | ACi | 52.0 | 14.2 | 0 | 104.5 | \$500 |
| Pfister | 29R25 | RR2Y | 2.90 | R | CCB | 51.7 | 13.8 | 0 | 87.1 | \$498 |
| Dyna-Gro | 37RY33 | RR2Y | 3.30 | R | CMBV | 51.4 | 14.4 | 0 | 104.5 | \$494 |
| Pfister | 38R25 | RR2Y | 3.80 | R | CCB | 50.7 | 16.1 | 0 | 104.5 | \$486 |
| Pfister | 33R28 | RR2Y | 3.30 | R | CCB | 50.6 | 14.1 | 0 | 104.5 | \$487 |
| FS Hisoy | HS 38A32 | RR2Y | 3.80 | R | CMBV | 50.6 | 15.0 | 0 | 113.3 | \$486 |
| Stone | 2R3315 | RR2Y | 3.30 | R | ACi | 50.1 | 14.0 | 0 | 104.5 | \$482 |
| Steyer | 3406R2 | RR2Y | 3.40 | MR | CCB | 50.1 | 15.0 | 0 | 104.5 | \$481 |
| Stone | 2R2915 | RR2Y | 2.90 | R | ACi | 50.0 | 14.0 | 0 | 82.8 | \$481 |
| Pfister | 28R21 | RR2Y | 2.80 | R | CCB | 49.9 | 14.0 | 0 | 104.5 | \$480 |
| Channel | 3707R2/SR | RR2Y,ST | 3.70 | MR | ACi | 49.8 | 16.0 | 0 | 104.5 | \$477 |
| Pioneer | P34T07R2 § | RR2Y | 3.40 | MR | EE,G | 49.6 | 14.5 | 0 | 87.1 | \$477 |
| Dyna-Gro | S36RY24 | RR2Y | 3.60 | R | CMBV | 49.4 | 14.9 | 0 | 113.3 | \$474 |
| | | | | Test | Average = | 49.0 | 14.5 | 0 | 96.6 | \$471 |
| | | | | | 5D (0.10) = | 7.2 | 0.9 | ns | 00.0 | ψ -1 11 |
| Eric Beyers | | | | | SD(0.10) = SD(0.25) = SD(0.25) | 7.2 5.0 | 0.6 | ns | | |
| • | om, (217) 825-9072 | | | LS | C.V. = | 8.7 | 3.6 | 115 | | |
| ewbeye@nounan.co | om, (217) 020-9072 | | | | C.v. – | 0.7 | 3.0 | | \$9.64 | GMO |
| Yield & Income Factor | s: Base Moisture | = 13.0% | | Shrink = | : 1.3 | Drying = | \$0.020 | Price = | \$9.64 | Non-GMO |
| | | | | | | | | | ψυ.υ+ | TAULI-GIVIO |

TEST COMMENTS: Mike's fields were hit hard by early heavy rains. The trial was planted into marginally wet soil conditions. Most of the seed treated varieties handled the damp soil, but the varieties without seed treatment had severely diminished stands. Plant heights overall were shorter at 24-36 inches. Seed size was large. This was a very stressful site in which abundant rains impacted stands.

† 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: 10/24/2014

Revised:

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All-Season Test Products (60 Total)

| Company/Brand | | Technol. | | | Seed Trt |
|------------------|----------------------------|----------|------|---------|----------|
| Asgrow | AG3034 § | RR2Y | 3.00 | R | ACi |
| Asgrow | AG3334 § | RR2Y | 3.30 | MR - | ACi |
| Asgrow | AG3832 § | RR2Y | 3.80 | R | ACi |
| Channel | 3308R2 | RR2Y | 3.30 | R | ACi |
| Channel | 3707R2/SR | RR2Y,ST | 3.70 | MR | ACi |
| Dairyland | DSR-3313/R2Y | RR2Y | 3.30 | R | CMB |
| Dairyland | DSR-3595/R2Y | RR2Y | 3.50 | R | CMB |
| Dairyland | DSR-3685/R2Y | RR2Y | 3.60 | R | CMB |
| Dairyland | DSR-3838/R2Y | RR2Y | 3.80 | MR | CMB |
| Dyna-Gro | 37RY33 | RR2Y | 3.30 | R | CMBV |
| Dyna-Gro | S29RY05 | RR2Y | 2.90 | R | CMBV |
| Dyna-Gro | S32RY95 | RR2Y | 3.20 | R | CMBV |
| Dyna-Gro | S36RY24 | RR2Y | 3.60 | R | CMBV |
| FS Hisoy | HS 29A42 | RR2Y | 2.90 | R | ACi |
| FS Hisoy | HS 30A42 | RR2Y | 3.00 | R | ACi |
| FS Hisoy | HS 31A32 | RR2Y | 3.10 | R | CMBV |
| FS Hisoy | HS 33A32 | RR2Y | 3.30 | R | CMBV |
| FS Hisoy | HS 34A42 | RR2Y | 3.40 | R | CMBV |
| FS Hisoy | HS 36A42 | RR2Y | 3.60 | R | ACi |
| FS Hisoy | HS 37A42 | RR2Y | 3.70 | R | ACi |
| FS Hisoy | HS 38A32 | RR2Y | 3.80 | R | CMBV |
| LG Seeds | C3245R2 | RR2Y | 3.20 | R | AC,PV |
| LG Seeds | C3555R2 | RR2Y | 3.50 | R | AC,PV |
| LG Seeds | C3989R2 | RR2Y | 3.90 | R | AC,PV |
| NK Brand | S31-R2 § | RR2Y | 3.10 | R | CCB |
| NK Brand | S35-A5 § | RR2Y | 3.50 | R | CCB |
| NK Brand | S38-W4 § | RR2Y | 3.80 | R | CCB |
| NuTech/G2 Gen | 7310^ | RR | 3.10 | R | EE,G |
| NuTech/G2 Gen | 7334^ | RR | 3.30 | R | EE,G |
| NuTech/G2 Gen | 7346^ | RR | 3.40 | R | EE,G |
| NuTech/G2 Gen | 7357R2^ | RR2Y | 3.50 | R | EE,G |
| NuTech/G2 Gen | 7360^ | RR | 3.60 | R | EE,G |
| NuTech/G2 Gen | 7384^ | RR | 3.80 | R | EE,G |
| Pfister | 28R21 | RR2Y | 2.80 | R | CCB |
| Pfister | 29R25 | RR2Y | 2.90 | R | CCB |
| Pfister | | | 3.00 | R | |
| | 30R25 | RR2Y | | | CCB |
| Pfister | 33R28 | RR2Y | 3.30 | R | CCB |
| Pfister | 34R20 | RR2Y | 3.40 | R | CCB |
| Pfister | 35R25 | RR2Y | 3.50 | R | CCB |
| Pfister | 36R29 | RR2Y | 3.60 | R | CCB |
| Pfister | 38R25 | RR2Y | 3.80 | R | CCB |
| Pioneer | P32T25R2 § | RR2Y | 3.20 | MR | None |
| Pioneer | P34T07R2 § | RR2Y | 3.40 | MR | EE,G |
| Pioneer | P35T97R2 § | RR2Y | 3.50 | R | None |
| Seed Consultants | SCS 9335RR ^A GC | RR | 3.30 | R | EE,G |

| Company/Brand | | Technol. | | | Seed | Tr |
|---------------|----------------------------|----------|------|----|------|----|
| | SCS 9345RR^ GC | RR | 3.40 | R | EE,G | |
| | SCS 9363RR [^] GC | RR | 3.60 | | EE,G | |
| | SCS 9385RR^ GC | RR | 3.80 | R | EE,G | |
| Steyer | 2805R2 | RR2Y | 2.80 | | CMBV | |
| Steyer | 3103R2 | RR2Y | 3.10 | | CMBV | |
| Steyer | 3301R2 | RR2Y | 3.30 | | CMBV | |
| Steyer | 3406R2 | RR2Y | 3.40 | | CCB | |
| Steyer | 3605R2 | RR2Y | 3.60 | | CMB | |
| Steyer | 3703R2 | RR2Y | 3.70 | | CCB | |
| Stine | 29RD22 § | RR2Y,ST | 2.90 | R | None | |
| Stine | 37RC82 § | RR2Y,ST | 3.70 | R | None | |
| Stine | 38RE02 § | RR2Y | 3.80 | R | None | |
| Stone | 2R2915 | RR2Y | 2.90 | R | ACi | |
| Stone | 2R3315 | RR2Y | 3.30 | R | ACi | |
| Stone | 2R3604 | RR2Y | 3.60 | MR | ACi | |
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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. VPMaxx® 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®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a |
| CK | Îdentifies 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 |
|------|---|------|--------------------------------|
| Α | Allegience® | EE | Evergol™ Energy |
| AC | Acceleron® fungicide products | G | Gaucho® |
| ACi | Acceleron® fungicide and insecticide products | I | Inovate™ System |
| AM | ApronMaxx® | М | Maxim® |
| AP | Apron XL® | None | untreated |
| AVB | Avicta® Complete Beans | PS | ProShield™ (Mid-Atlantic Seed) |
| С | Cruiser® | PV | Poncho®/Votivo® |
| CCB | Clariva Complete Beans | SS+ | Soyshield Plus™ |
| CMB | CruiserMaxx® Beans | Т | Trilex® |
| CMBV | CruiserMaxx® Beans with Vibrance | | |

^{*} Seed treatments may include unspecified plant health promoting components.