

2013 Soybean Top 30 Harvest Report

Illinois South [ILSO] SHUMWAY
David Soltwedel, Effingham County, IL 62461



PREV. CROP/HERB: Corn / Lexar, Halex GT
SOIL DESCRIPTION: Hoyleton-Cisne silt loam, mod. poor drained, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K, 6.1 pH, 2.1% OM, low SCN
TILLAGE/CULTIVATION: Minimum w/ fall till
PEST MANAGEMENT: Stealth, Roundup PowerMax
SEEDED - RATE - ROW: Jun 12 139,000 /A 30" Spacing
HARVESTED - STAND: Nov 13 114,800 /A

All-Season Test
3.8 - 4.7 Day CRM
S2013ILSO23

Top 30 of 60

Sorted for 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 | S39-U2 § | RR2Y | 3.9 | R | CMBV | 59.9 | 11.8 | 0 | 124.9 | \$779 |
| FS Hisoy | HS 39A22 | RR2Y | 3.9 | R | CMB | 58.5 | 12.0 | 0 | 124.9 | \$761 |
| Pfister | 43R29 | RR2Y | 4.3 | R | CMB | 58.4 | 11.8 | 0 | 119.1 | \$759 |
| Stone | 2R4604STS | RR2Y,STS | 4.6 | R | ACi | 58.1 | 11.8 | 0 | 124.9 | \$755 |
| Steyer | 4203R2 | RR2Y | 4.2 | MR | SStd | 57.0 | 11.6 | 0 | 119.1 | \$741 |
| FS Hisoy | HS 42A12 | RR2Y | 4.2 | R | CMB | 56.8 | 11.7 | 0 | 104.5 | \$738 |
| Steyer | 4701R2 | RR2Y | 4.7 | MR | SStd | 55.3 | 12.4 | 0 | 127.8 | \$719 |
| Seed Consultants | SCS 9393RR | RR | 3.9 | R | EE,G | 55.1 | 11.3 | 0 | 122.0 | \$716 |
| Asgrow | AG4232 § | RR2Y,STS | 4.2 | R | ACi | 55.0 | 12.3 | 0 | 122.0 | \$715 |
| Asgrow | AG3832 § | RR2Y | 3.8 | R | ACi | 54.5 | 12.1 | 0 | 104.5 | \$709 |
| Channel | 4500R2/STS | RR2Y,STS | 4.5 | S | ACi | 54.4 | 12.4 | 0 | 116.2 | \$707 |
| NuTech/G2 Gen | 7414^ | RR | 4.1 | R | SCE | 54.0 | 11.7 | 0 | 122.0 | \$702 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | R | ACi | 54.0 | 11.9 | 0 | 107.4 | \$702 |
| Seed Consultants | SCS 9443RR | RR | 4.4 | R | EE,G | 53.9 | 12.1 | 0 | 113.3 | \$701 |
| Great Heart | GT-431CR2 | RR2Y | 4.3 | R | None | 53.9 | 12.3 | 0 | 95.8 | \$701 |
| Stone | 2R4302 | RR2Y | 4.3 | R | ACi | 53.3 | 11.9 | 0 | 113.3 | \$693 |
| LG Seeds | C4544R2 | RR2Y | 4.5 | R | AC,PV | 53.3 | 11.9 | 0 | 122.0 | \$693 |
| Pioneer | 94Y23 § | RR | 4.2 | R | None | 53.0 | 11.9 | 0 | 113.3 | \$689 |
| Channel | 4306R2/STS | RR2Y,STS | 4.3 | R | ACi | 52.9 | 11.6 | 0 | 104.5 | \$688 |
| Great Heart | GT-427CR2 | RR2Y | 4.2 | R | AP | 52.9 | 11.8 | 0 | 98.7 | \$688 |
| FS Hisoy | HS 43A32 | RR2Y | 4.3 | R | CMB | 52.9 | 12.4 | 0 | 98.7 | \$688 |
| LG Seeds | C3989R2 | RR2Y | 3.8 | R | AC,PV | 52.8 | 11.7 | 0 | 119.1 | \$686 |
| Stine | 38RD02 § | RR2Y | 3.8 | R | CMB | 52.8 | 11.8 | 0 | 107.5 | \$686 |
| FS Hisoy | HS 38A32 | RR2Y | 3.8 | R | CMB | 52.8 | 12.0 | 0 | 104.5 | \$686 |
| NuTech/G2 Gen | 7380^ | RR | 3.8 | R | SCE | 52.6 | 11.7 | 0 | 107.4 | \$684 |
| Dyna-Gro | 39RY43 | RR2Y | 4.3 | R | ACi | 52.5 | 11.8 | 0 | 130.7 | \$683 |
| Pioneer | 93Y92 § | RR | 3.9 | R | None | 52.3 | 12.0 | 0 | 107.4 | \$680 |
| NuTech/G2 Gen | 7420^ | RR | 4.2 | R | SCE | 52.2 | 12.3 | 0 | 98.7 | \$679 |
| Stone | 2R4003 | RR2Y | 4.0 | R | ACi | 51.9 | 12.2 | 0 | 110.4 | \$675 |
| Seed Consultants | SCS 9392RR | RR | 3.9 | R | EE,G | 51.9 | 12.4 | 0 | 116.2 | \$675 |

Test Average = **51.5** **12.1** **0** **114.8** **\$669**

Eric Beyers LSD (0.10) = 5.6 0.4 ns

ewbeye@hotmail.com, (217) 825-9072 C.V. = 8.0 2.3

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$13.00}{n/a}$ Local GMO Non-GMO

TEST COMMENTS: *Some varieties at this site had a few leaves and petioles still attached to the plant as if an early frost might have happened. Seed quality was good. Seed size was moderate to large ranging from round to oval in shape. All varieties were standing perfect Final populations were also quite good. Overall yield level was decent for being planted June 12th.*

† See last page for additional information. Results in **bold** are significantly above the test average. **CK** = check and **GC** = grower comparison products, **§** = United Soybean Board entry; **ns** = not significantly different.

Additional reports and searchable database available at www.firstseedtests.com

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Report date: 11/14/2013 Revised:

All-Season Test Products (60 Total)

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt | Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt |
|------------------|---------------|----------|------|-----|----------|------------------|---------------|----------|------|-----|----------|
| Asgrow | AG3832 § | RR2Y | 3.8 | R | ACi | Seed Consultants | SCS 9434RR | RR | 4.3 | R | EE,G |
| Asgrow | AG3934 § | RR2Y | 3.9 | S | ACi | Seed Consultants | SCS 9443RR | RR | 4.4 | R | EE,G |
| Asgrow | AG4033 GC | RR2Y | 4.0 | R | ACi | Seed Consultants | SCS 9474RR | RR | 4.7 | R | EE,G |
| Asgrow | AG4232 § | RR2Y,STS | 4.2 | R | ACi | Steyer | 3803R2 | RR2Y | 3.8 | MR | SStd |
| Channel | 4306R2/STS | RR2Y,STS | 4.3 | R | ACi | Steyer | 4203R2 | RR2Y | 4.2 | MR | SStd |
| Channel | 4500R2/STS | RR2Y,STS | 4.5 | S | ACi | Steyer | 4401R2 | RR2Y,STS | 4.4 | MR | SStd |
| Channel | 4705R2/STS | RR2Y,STS | 4.7 | R | ACi | Steyer | 4501R2 | RR2Y,STS | 4.5 | S | SStd |
| Dairyland | DSR-4010/R2Y | RR2Y | 4.0 | MR | CMB,O | Steyer | 4701R2 | RR2Y | 4.7 | MR | SStd |
| Dairyland | DSR-4330/R2Y | RR2Y | 4.3 | R | CMB,O | Stine | 38RD02 § | RR2Y | 3.8 | R | CMB |
| Dairyland | DSR-4633/R2Y | RR2Y | 4.5 | R | CMB,O | Stine | 40RC32 § | RR2Y | 4.0 | R | CMB |
| Dairyland | DSR-4850/R2Y | RR2Y | 4.8 | R | CMB,O | Stone | 2R4003 | RR2Y | 4.0 | R | ACi |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | R | ACi | Stone | 2R4204 | RR2Y | 4.2 | R | ACi |
| Dyna-Gro | 39RY43 | RR2Y | 4.3 | R | ACi | Stone | 2R4302 | RR2Y | 4.3 | R | ACi |
| Dyna-Gro | S39RY33 | RR2Y | 3.9 | R | ACi | Stone | 2R4604STS | RR2Y,STS | 4.6 | R | ACi |
| FS Hisoy | HS 38A32 | RR2Y | 3.8 | R | CMB | Stone | 2R4903STS | RR2Y,STS | 4.9 | R | ACi |
| FS Hisoy | HS 39A22 | RR2Y | 3.9 | R | CMB | | | | | | |
| FS Hisoy | HS 40A32 | RR2Y | 4.0 | R | CMB | | | | | | |
| FS Hisoy | HS 42A12 | RR2Y | 4.2 | R | CMB | | | | | | |
| FS Hisoy | HS 43A32 | RR2Y | 4.3 | R | CMB | | | | | | |
| FS Hisoy | HS 44A22 | RR2Y,STS | 4.4 | R | CMB | | | | | | |
| FS Hisoy | HS 45A12 | RR2Y | 4.5 | R | CMB | | | | | | |
| FS Hisoy | HS 47A32 | RR2Y,STS | 4.7 | R | CMB | | | | | | |
| Great Heart | GT-427CR2 | RR2Y | 4.2 | R | AP | | | | | | |
| Great Heart | GT-431CR2 | RR2Y | 4.3 | R | None | | | | | | |
| LG Seeds | C3989R2 | RR2Y | 3.8 | R | AC,PV | | | | | | |
| LG Seeds | C4411R2 | RR2Y | 4.4 | R | AC,PV | | | | | | |
| LG Seeds | C4544R2 | RR2Y | 4.5 | R | AC,PV | | | | | | |
| NK Brand | S39-U2 § | RR2Y | 3.9 | R | CMBV | | | | | | |
| NK Brand | S45-V8 § | RR2Y | 4.5 | R | CMBV | | | | | | |
| NK Brand | S46-G9 § | RR2Y | 4.6 | R | CMBV | | | | | | |
| NuTech/G2 Gen | 7380^ | RR | 3.8 | R | SCE | | | | | | |
| NuTech/G2 Gen | 7393^ | RR | 3.9 | R | SCE | | | | | | |
| NuTech/G2 Gen | 7414^ | RR | 4.1 | R | SCE | | | | | | |
| NuTech/G2 Gen | 7420^ | RR | 4.2 | R | SCE | | | | | | |
| Pfister | 38R25 | RR2Y | 3.8 | R | CMB | | | | | | |
| Pfister | 43R29 | RR2Y | 4.3 | R | CMB | | | | | | |
| Pioneer | 93Y92 § | RR | 3.9 | R | None | | | | | | |
| Pioneer | 94Y23 § | RR | 4.2 | R | None | | | | | | |
| Pioneer | 94Y50 § | RR | 4.5 | R | None | | | | | | |
| Pioneer | 94Y70 § | RR | 4.7 | R | None | | | | | | |
| Seed Consultants | SCS 9373RR | RR | 3.8 | R | EE,G | | | | | | |
| Seed Consultants | SCS 9392RR | RR | 3.9 | R | EE,G | | | | | | |
| Seed Consultants | SCS 9393RR | RR | 3.9 | R | EE,G | | | | | | |
| Seed Consultants | SCS 9412RR | RR | 4.1 | R | EE,G | | | | | | |
| Seed Consultants | SCS 9421RR | RR,STS | 4.2 | R | EE,G | | | | | | |

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 is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. |
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by F.I.R.S.T. when space permits. |
| § | United Soybean Board sponsored entry |

Soybean Technologies

| | |
|------|--|
| None | Conventional, non-GMO |
| LL | LibertyLink® |
| RR | Roundup Ready® Soybeans |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| STS | STS® - sulfonyleurea tolerant soybeans |

Soybean Cyst Nematode (SCN) Resistance Rating

| | |
|-----|---------------------|
| S | susceptible |
| MR | moderate resistance |
| R | resistant |
| n/a | info unavailable |

Soybean Seed Treatments*

| | | | |
|------|---|------|------------------|
| ? | Information not provided | Ex | Excalibre™ |
| A | Allegiance® | G | Gaucho® |
| AC | Acceleron® fungicide products | I | Inovate™ System |
| ACi | Acceleron® fungicide and insecticide products | None | untreated |
| AM | ApronMaxx® | O | Optimize® |
| AP | Apron XL® | PV | Poncho®/Votivo® |
| AVB | Avicta® Complete Beans | RS | Right Stand™ |
| C | Cruiser® | SCE | SmartCote™ Extra |
| CC | CurryCoat™ | SDPI | Servo DPI |
| CMB | CruiserMaxx® Beans | SS+ | Soyshield Plus™ |
| CMBV | CruiserMaxx® Beans with Vibrance | SStd | SureStand™ |
| DPHB | DPH Boost™ | T | Trilex® |
| EE | Evergol™ Energy | | |

* Seed treatments may include unspecified plant health promoting components.