

## 2016 Soybean Top 30 Harvest Report

Illinois South Central [ ILSC ] TUSCOLA  
John Carmack, Douglas County, IL 61956



Test by: 3rd Party Comparisons, LLC, Owaneco, IL

PREV. CROP/HERB: Corn / Roundup, Lumax, atrazine  
SOIL DESCRIPTION: Hoyleton/Darmstadt silt loam, mod. poor drained, non-irrigated  
SOIL CONDITIONS: Mod. High P, mod. high K, 6.9 pH, 1.9 % OM  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: glyphosate, Sharpen, Prowl H2O, Authority Assist, Flexstar, Grozyme  
SEEDED - RATE - ROW: May 25 140,000 /A 30" Spacing  
HARVESTED - STAND: Oct 29 137,600 /A

**All-Season Test**  
**Maturity Group 3.3 - 4.3**  
S2016ILSC08

**Top 30 of 54**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trt.† | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|---------------|----------------|-----------|------|-------------|------------|------------|------------|-----------|----------------|--------------|
| LG Seeds      | C3989R2        | RR2Y      | 3.8  | R           | CCB        | 67.2       | 15.5       | 11        | 139.4          | \$620        |
| FS HiSoy      | HS 34X60       | RRX       | 3.4  | R           | ACi,CI     | 66.9       | 16.0       | 0         | 139.4          | \$616        |
| Pfister       | 39R201         | RR2Y      | 3.9  | R           | CCB        | 66.0       | 15.5       | 0         | 136.5          | \$609        |
| Asgrow        | AG36X6 §       | RRX       | 3.6  | R           | ACi        | 65.6       | 15.5       | 0         | 139.4          | \$605        |
| Dairyland     | DSR-4011/R2Y   | RR2Y,ST   | 4.0  | R           | CMB        | 65.6       | 15.2       | 0         | 136.5          | \$605        |
| NK Brand      | S37-Z8 §       | RR2Y      | 3.7  | R           | CCB,Me     | 65.6       | 15.1       | 1         | 136.5          | \$605        |
| Pfister       | 35R201         | RR2Y      | 3.5  | R           | CCB        | 65.2       | 16.1       | 1         | 139.4          | \$600        |
| Steyer        | 3805R2         | RR2Y      | 3.8  | MR          | SStd       | 65.1       | 15.6       | 0         | 139.4          | \$600        |
| Steyer        | 3408XR         | RRX       | 3.4  | MR          | SStd       | 64.8       | 15.8       | 1         | 139.4          | \$597        |
| FS HiSoy      | HS 38X60       | RRX       | 3.8  | R           | ACi,CI     | 64.3       | 15.4       | 0         | 139.4          | \$593        |
| Great Heart   | GT-3810X       | RRX       | 3.8  | R           | Gr+        | 64.0       | 15.1       | 0         | 139.4          | \$591        |
| Pioneer       | P34T07R2 §     | RR2Y      | 3.4  | R           | None       | 63.8       | 15.2       | 2         | 130.7          | \$589        |
| Pioneer       | P38T42R §      | RR        | 3.8  | R           | EE,G,IL    | 63.7       | 15.1       | 1         | 139.4          | \$588        |
| LG Seeds      | C3911RX        | RRX       | 3.9  | R           | CCB        | 63.6       | 15.4       | 1         | 136.5          | \$587        |
| Dyna-Gro      | S39XT67        | RRX       | 3.9  | R           | CCB        | 63.6       | 15.8       | 0         | 136.5          | \$586        |
| Dyna-Gro      | S38RY87        | RR2Y      | 3.8  | R           | CCB        | 63.2       | 15.3       | 13        | 139.4          | \$583        |
| NK Brand      | S39-C4 §       | RR2Y      | 3.9  | R           | CCB,Me     | 62.9       | 15.6       | 0         | 133.6          | \$580        |
| Dyna-Gro      | S37XT47        | RRX       | 3.7  | R           | CCB        | 62.9       | 16.1       | 1         | 136.5          | \$579        |
| Stone         | 2RX3827        | RRX       | 3.8  | R           | ACi        | 62.4       | 15.6       | 0         | 139.4          | \$575        |
| Steyer        | 3904XR         | RRX       | 3.9  | MR          | SStd       | 62.2       | 15.0       | 2         | 139.4          | \$574        |
| Great Heart   | GT-3701X       | RRX       | 3.7  | R           | Gr+        | 62.2       | 15.3       | 2         | 136.5          | \$574        |
| LG Seeds      | C3550RX        | RRX       | 3.5  | R           | CCB        | 62.0       | 15.8       | 0         | 136.5          | \$571        |
| Stone         | 2RX3527        | RRX       | 3.5  | R           | ACi        | 62.0       | 16.0       | 0         | 139.4          | \$571        |
| Asgrow        | AG39X7 §       | RRX,ST    | 3.9  | R           | ACi        | 61.9       | 15.2       | 1         | 133.6          | \$571        |
| Pfister       | 43R29          | RR2Y      | 4.3  | R           | CCB        | 61.5       | 14.7       | 0         | 136.5          | \$568        |
| Steyer        | 3806XR         | RRX       | 3.8  | MR          | SStd       | 61.5       | 15.8       | 0         | 139.4          | \$567        |
| Steyer        | 3706XR         | RRX       | 3.7  | MR          | SStd       | 61.5       | 15.8       | 2         | 139.4          | \$567        |
| Pfister       | 37RS01         | RR2Y,ST   | 3.7  | R           | CCB        | 61.4       | 15.1       | 1         | 139.4          | \$567        |
| NK Brand      | S35-C3         | RR2Y      | 3.5  | R           | CCB,Me     | 61.3       | 15.9       | 18        | 136.5          | \$565        |
| Pioneer       | P36T86R §      | RR        | 3.6  | R           | EE,G,IL    | 61.2       | 15.0       | 0         | 136.5          | \$565        |

Averages = 61.2 15.5 4 137.6 \$564

LSD (0.10) = 3.8 0.7 6

LSD (0.25) = 2.7 0.5 5

C.V. = 4.6 Prev. years avg. yield, 51.1 bu/a, 15 yrs

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**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.27 GMO; \$9.27 non-GMO

**TEST COMMENTS:** John commented that the recent wet weather has made it challenging for soybean harvest. He still has much of them to harvest. John's soybean trial resembled others sites in that his plants were also tall, 48-60", and slightly lodged. Spring planting at his no-till farm allowed excellent emergence. Harvested seed sizes were large and mostly good quality. A few discolored/diseased seeds were noticed.

† 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: 10/30/2016 Revised:

## 2016 Soybean - Illinois South Central [ ILSC ]

### All-Season Test Products (54 Total)

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt | Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt |
|---------------|---------------|----------|------|-----|----------|---------------|---------------|----------|------|-----|----------|
| Asgrow        | AG36X6 §      | RRX      | 3.6  | R   | ACi      | Steyer        | 3806XR        | RRX      | 3.8  | MR  | SStd     |
| Asgrow        | AG38X6 §      | RRX      | 3.8  | R   | ACi      | Steyer        | 3904XR        | RRX      | 3.9  | MR  | SStd     |
| Asgrow        | AG39X7 §      | RRX,ST   | 3.9  | R   | ACi      | Steyer        | 4004XR        | RRX      | 4.0  | MR  | SStd     |
| Dairyland     | DSR-3630/R2Y  | RR2Y     | 3.6  | R   | CMB      | Stine         | 38RE02 §      | RR2Y     | 3.8  | R   | SFi      |
| Dairyland     | DSR-3745/R2Y  | RR2Y     | 3.7  | MR  | CMB      | Stine         | 40RF22 §      | RR2Y     | 4.0  | R   | SFi      |
| Dairyland     | DSR-3838/R2Y  | RR2Y     | 3.8  | MR  | CMB      | Stine         | 43RE02 §      | RR2Y     | 4.3  | R   | SFi      |
| Dairyland     | DSR-4011/R2Y  | RR2Y,ST  | 4.0  | R   | CMB      | Stone         | 2RX3527       | RRX      | 3.5  | R   | ACi      |
| Dyna-Gro      | S37XT47       | RRX      | 3.7  | R   | CCB      | Stone         | 2RX3827       | RRX      | 3.8  | R   | ACi      |
| Dyna-Gro      | S38RY87       | RR2Y     | 3.8  | R   | CCB      | Stone         | 2RX4116       | RRX      | 4.1  | MR  | ACi      |
| Dyna-Gro      | S39RY65       | RR2Y     | 3.9  | R   | CCB      |               |               |          |      |     |          |
| Dyna-Gro      | S39XT67       | RRX      | 3.9  | R   | CCB      |               |               |          |      |     |          |
| FS HiSoy      | HS 34X60      | RRX      | 3.4  | R   | ACi,Ci   |               |               |          |      |     |          |
| FS HiSoy      | HS 37X60      | RRX      | 3.7  | R   | ACi,Ci   |               |               |          |      |     |          |
| FS HiSoy      | HS 38X60      | RRX      | 3.8  | R   | ACi,Ci   |               |               |          |      |     |          |
| FS HiSoy      | HS 39A60      | RR2Y     | 3.9  | R   | ACi,Ci   |               |               |          |      |     |          |
| FS HiSoy      | HS 39X60      | RRX      | 3.9  | R   | ACi      |               |               |          |      |     |          |
| FS HiSoy      | HS 40X60      | RRX      | 4.0  | R   | ACi      |               |               |          |      |     |          |
| FS HiSoy      | HS 42X50      | RRX      | 4.2  | R   | ACi,Ci   |               |               |          |      |     |          |
| FS HiSoy      | HS 43X60      | RRX      | 4.3  | R   | ACi      |               |               |          |      |     |          |
| Great Heart   | GT-3701X      | RRX      | 3.7  | R   | Gr+      |               |               |          |      |     |          |
| Great Heart   | GT-3810X      | RRX      | 3.8  | R   | Gr+      |               |               |          |      |     |          |
| LG Seeds      | C3550RX       | RRX      | 3.5  | R   | CCB      |               |               |          |      |     |          |
| LG Seeds      | C3911RX       | RRX      | 3.9  | R   | CCB      |               |               |          |      |     |          |
| LG Seeds      | C3989R2       | RR2Y     | 3.8  | R   | CCB      |               |               |          |      |     |          |
| NK Brand      | S35-C3        | RR2Y     | 3.5  | R   | CCB,Me   |               |               |          |      |     |          |
| NK Brand      | S36-Y6        | RR2Y,ST  | 3.6  | R   | CCB,Me   |               |               |          |      |     |          |
| NK Brand      | S37-Z8 §      | RR2Y     | 3.7  | R   | CCB,Me   |               |               |          |      |     |          |
| NK Brand      | S39-C4 §      | RR2Y     | 3.9  | R   | CCB,Me   |               |               |          |      |     |          |
| NK Brand      | S42-P6 §      | RR2Y     | 4.2  | R   | CCB,Me   |               |               |          |      |     |          |
| Pfister       | 35R201        | RR2Y     | 3.5  | R   | CCB      |               |               |          |      |     |          |
| Pfister       | 35R25         | RR2Y     | 3.5  | R   | CCB      |               |               |          |      |     |          |
| Pfister       | 37RS01        | RR2Y,ST  | 3.7  | R   | CCB      |               |               |          |      |     |          |
| Pfister       | 38R202        | RR2Y     | 3.8  | R   | CCB      |               |               |          |      |     |          |
| Pfister       | 39R201        | RR2Y     | 3.9  | R   | CCB      |               |               |          |      |     |          |
| Pfister       | 39R29         | RR2Y     | 3.9  | R   | CCB      |               |               |          |      |     |          |
| Pfister       | 41RS01        | RR2Y,ST  | 4.1  | R   | CCB      |               |               |          |      |     |          |
| Pfister       | 43R29         | RR2Y     | 4.3  | R   | CCB      |               |               |          |      |     |          |
| Pioneer       | P34T07R2 §    | RR2Y     | 3.4  | R   | None     |               |               |          |      |     |          |
| Pioneer       | P36T86R §     | RR       | 3.6  | R   | EE,G,IL  |               |               |          |      |     |          |
| Pioneer       | P38T42R §     | RR       | 3.8  | R   | EE,G,IL  |               |               |          |      |     |          |
| Steyer        | 3302XR        | RRX      | 3.3  | MR  | SStd     |               |               |          |      |     |          |
| Steyer        | 3408XR        | RRX      | 3.4  | MR  | SStd     |               |               |          |      |     |          |
| Steyer        | 3605R2        | RR2Y     | 3.6  | MR  | SStd     |               |               |          |      |     |          |
| Steyer        | 3706XR        | RRX      | 3.7  | MR  | SStd     |               |               |          |      |     |          |
| Steyer        | 3805R2        | RR2Y     | 3.8  | MR  | SStd     |               |               |          |      |     |          |

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

|    |  |
|----|--|
| ^  | G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® 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 FIRST when space permits.  |
| §  | United Soybean Board sponsored entry   |

### Soybean Technologies

|      |                                 |
|------|---------------------------------|
| LL   | LibertyLink®                    |
| None | Conventional, non-GMO           |
| P    | Plenish®                        |
| RR   | glyphosate tolerant             |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| RRX  | Genuity® Roundup Ready 2 Xtend® |
| ST   | sulfonylurea tolerant           |

### Soybean Cyst Nematode (SCN) Resistance Rating

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

### Soybean Seed Treatments\*

|      |   |      |                                  |
|------|---|------|----------------------------------|
| n/a  | info unavailable                              | IL   | ILeVO®                           |
| AC   | Acceleron® fungicide products                 | In   | Intego™ Solo                     |
| ACi  | Acceleron® fungicide and insecticide products | IS   | Intego™ Suite                    |
| AG   | ArmourGuard™                                  | MAG  | Maximum ArmourGuard™             |
| AM   | ApronMaxx®                                    | Me   | Mertect®                         |
| AVB  | Avicta® Complete Beans                        | Mg   | Magnum ST™ (standard)            |
| CCB  | Clariva™ Complete Beans                       | NCFI | N-Compass™ Plus F/I              |
| CI   | Clariva™ pn                                   | None | untreated                        |
| CMB  | CruiserMaxx® Beans                            | PV   | Poncho®/Votivo®                  |
| CMBV | CruiserMaxx® Beans with Vibrance              | SDPI | Servo™ DPI                       |
| DPHB | DPH Boost®                                    | SFI  | Stine XP fungicide & insecticide |
| DST  | Dominance™ ST                                 | SS   | Soyshield™                       |
| DX   | Defend™ Extra                                 | SS+  | Soyshield Plus™                  |
| EE   | Evergol™ Energy                               | SStd | SureStand™                       |
| En   | Encase®                                       | TE   | Trius™ Elite                     |
| G    | Gaucho®                                       | WCX  | Warden® CX                       |
| Gr+  | Great Start™ Max Plus                         |      |                                  |

\* Seed treatments may include unspecified plant health promoting components.