

# 2023 Soybeans Top 30 Region Summary for Illinois South Central [ILSC]

**All-Season Test**  
**Maturity Group 3.3 - 4.3**  
 S2023ILSC

**Top 30 of 72**  
 For Gross Income (Sorted by Yield), (9) Replication Average

| Company/Brand  | Product/Brand | Technol.† | RM  | SCN | Yield Bu/A ↓ | Protein (%) | Oil (%) | Moisture % | Lodging % | Gross Income \$/Acre | Rank | Forsyth     | Tuscola     | Viriden<br>No Results | Williamsville |
|----------------|---------------|-----------|-----|-----|--------------|-------------|---------|------------|-----------|----------------------|------|-------------|-------------|-----------------------|---------------|
| STINE          | 38EG32 §      | E3        | 3.8 | R   | <b>81.0</b>  |             |         | 11.0       | 1         | 1053                 | 1    | <b>73.5</b> | 81.3        |                       | <b>88.2</b>   |
| NK BRAND       | NK42-A6E3S    | E3,ST     | 4.2 | MR  | <b>78.1</b>  |             |         | 11.3       | 1         | 1015                 | 2    | 71.3        | 80.3        |                       | <b>82.7</b>   |
| FS HISOY       | HS 35E10      | E3        | 3.5 | R   | <b>77.7</b>  |             |         | 11.1       | 1         | 1009                 | 3    | 72.8        | 81.1        |                       | 79.0          |
| GOLDEN HARVEST | GH4214E3S §   | E3,ST     | 4.2 | MR  | <b>77.5</b>  |             |         | 11.1       | 1         | 1007                 | 4    | <b>73.3</b> | 80.7        |                       | 78.4          |
| MARTIN         | M33-XF GC     | RXF       | 3.3 | MR  | 77.2         |             |         | 11.0       | 1         | 1003                 | 6    | <b>73.9</b> | 79.6        |                       | 78.1          |
| GREAT HEART    | GT-3967XF     | RXF       | 3.9 | R   | 77.2         |             |         | 10.8       | 1         | 1003                 | 5    | <b>75.9</b> | <b>84.0</b> |                       | 71.6          |
| DONMARIO       | DM36F84S      | RXF,ST    | 3.6 | R   | 77.1         |             |         | 11.0       | 1         | 1001                 | 7    | 69.8        | 82.5        |                       | 78.9          |
| GOLDEN HARVEST | GH3994E3      | E3        | 3.9 | MR  | 76.6         |             |         | 11.1       | 1         | 995                  | 8    | 70.3        | 78.0        |                       | <b>81.4</b>   |
| LEWIS          | 3932XF        | RXF       | 3.9 | R   | 76.1         |             |         | 11.1       | 1         | 990                  | 9    | 69.0        | 81.2        |                       | 78.2          |
| ASGROW         | AG33XF3 §     | RXF       | 3.3 | R   | 76.1         |             |         | 11.1       | 1         | 990                  | 10   | 67.3        | <b>82.7</b> |                       | 78.4          |
| FS HISOY       | HS 39E10      | E3        | 3.9 | R   | 76.0         |             |         | 11.2       | 1         | 988                  | 11   | 68.6        | 80.7        |                       | 78.8          |
| GOLDEN HARVEST | GH4093E3 §    | E3        | 4.0 | R   | 75.6         |             |         | 11.0       | 1         | 983                  | 13   | 68.0        | 80.4        |                       | 78.5          |
| PIONEER        | P31A73E §     | E3        | 3.1 | R   | 75.6         |             |         | 11.2       | 1         | 983                  | 12   | 72.6        | 79.5        |                       | 74.8          |
| NK BRAND       | NK39-J2E3     | E3        | 3.9 | MR  | 75.6         |             |         | 11.2       | 1         | 983                  | 14   | 65.6        | 79.6        |                       | <b>81.6</b>   |
| APEX           | AE3340        | E3        | 3.3 | R   | 75.5         |             |         | 10.9       | 1         | 981                  | 15   | 72.1        | 78.9        |                       | 75.4          |
| DYNA-GRO       | S37ES52       | E3,ST     | 3.7 | R   | 75.4         |             |         | 10.8       | 1         | 980                  | 16   | 67.0        | 81.4        |                       | 77.8          |
| AGVENTURE      | AV 39Y3E      | E3        | 3.9 | MR  | 75.3         |             |         | 10.9       | 1         | 979                  | 17   | 67.9        | <b>82.9</b> |                       | 75.0          |
| STONE          | 2XF3843       | RXF       | 3.8 | R   | 75.1         |             |         | 10.9       | 1         | 977                  | 18   | 67.3        | 81.7        |                       | 76.4          |
| NUTECH         | 34N02E        | E3        | 3.4 | R   | 75.1         |             |         | 11.1       | 1         | 976                  | 19   | 68.8        | 82.2        |                       | 74.3          |
| ASGROW         | AG39XF3 §     | RXF       | 3.9 | R   | 75.1         |             |         | 10.8       | 1         | 975                  | 20   | 66.8        | 75.2        |                       | <b>83.1</b>   |
| BREVANT        | B342EE GC     | E3        | 3.4 | R   | 74.8         |             |         | 11.1       | 1         | 973                  | 21   | 71.7        | 77.1        |                       | 75.7          |
| AGVENTURE      | AV 38A1E      | E3        | 3.8 | MR  | 74.8         |             |         | 10.7       | 1         | 973                  | 22   | 70.0        | 77.4        |                       | 77.1          |
| STINE          | 37FD02 §      | RXF       | 3.7 | R   | 74.7         |             |         | 11.0       | 1         | 971                  | 23   | 71.1        | 80.7        |                       | 72.2          |
| FS HISOY       | HS 33E20      | E3,ST     | 3.3 | R   | 74.6         |             |         | 10.8       | 1         | 970                  | 24   | <b>76.3</b> | 75.1        |                       | 72.4          |
| CORNELIUS      | CB37XF70      | RXF       | 3.7 | R   | 74.5         |             |         | 11.1       | 1         | 968                  | 25   | 67.3        | 82.2        |                       | 73.9          |
| FS HISOY       | HS 42F10      | RXF       | 4.2 | R   | 74.4         |             |         | 11.1       | 1         | 968                  | 26   | 65.3        | 80.1        |                       | 77.9          |
| AGVENTURE      | AV 41Y5E      | E3        | 4.1 | MR  | 74.4         |             |         | 11.1       | 1         | 967                  | 27   | 66.3        | 73.8        |                       | <b>83.0</b>   |
| NUTECH         | 39N07E        | E3        | 3.9 | R   | 74.2         |             |         | 10.6       | 1         | 965                  | 28   | 68.5        | 80.2        |                       | 74.1          |
| XITAVO         | XO 4364E      | E3,ST     | 4.3 | R   | 74.1         |             |         | 11.2       | 1         | 963                  | 29   | 72.3        | 76.6        |                       | 73.3          |
| GREAT HEART    | GT-3894ES     | E3,ST     | 3.8 | R   | 73.9         |             |         | 11.3       | 1         | 961                  | 30   | 70.3        | 78.9        |                       | 72.5          |

**Lost to heavy weed pressure**



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|                   |             |           |           |             |          |            |             |             |             |
|-------------------|-------------|-----------|-----------|-------------|----------|------------|-------------|-------------|-------------|
| <b>Averages =</b> | <b>73.4</b> | <b>na</b> | <b>na</b> | <b>11.1</b> | <b>1</b> | <b>955</b> | <b>67.4</b> | <b>77.8</b> | <b>75.1</b> |
| LSD (0.10) =      | 3.8         | na        | na        | 0.3         | 0        |            | 5.4         | 4.8         | 5.2         |
| LSD (0.25) =      | 2.0         | na        | na        | 0.1         | 0        |            | 2.8         | 2.5         | 2.7         |

Prev. years average yield for region: 55.25 bu/a, 21 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.00

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. § Links to product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location. \* 2 reps for the site.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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## 2023 Soybeans - Illinois South Central [ ILSC ]

### All-Season Test Products (72 Total)

| Company/Brand  | Product/Brand | Technology | SCN | RM  | Seed Treat.   |
|----------------|---------------|------------|-----|-----|---------------|
| AgVenture      | AV 34Y9E      | E3         | R   | 3.4 | Lum,Lu,IL     |
| AgVenture      | AV 38A1E      | E3         | MR  | 3.8 | Lum,Lu,Lud,IL |
| AgVenture      | AV 39Y3E      | E3         | MR  | 3.9 | F,I,SA        |
| AgVenture      | AV 41Y5E      | E3         | MR  | 4.1 | F,I,SA        |
| AgVenture      | AV 42A1E      | E3         | MR  | 4.2 | Lum,Lu,Lud,IL |
| Apex           | AE3340        | E3         | R   | 3.3 | PU            |
| Apex           | AE3541        | E3         | R   | 3.5 | PU            |
| Apex           | AE3720S       | E3,ST      | R   | 3.7 | PU            |
| Asgrow         | AG33XF3 §     | RXF        | R   | 3.3 | ACi,IL        |
| Asgrow         | AG39XF3 §     | RXF        | R   | 3.9 | ACi,IL        |
| Asgrow         | AG40XF1 §     | RXF,ST     | R   | 4.0 | ACi,IL        |
| Brevant        | B342EE GC     | E3         | R   | 3.4 | Lum,Lu,IL     |
| Burrus         | 3875E GC      | E3         | R   | 3.8 | BPS-SDS       |
| Burrus         | 3886F         | RXF        | R   | 3.8 | BPS-SDS       |
| Burrus         | 3966E         | E3         | R   | 3.9 | BPS-SDS       |
| Cornelius      | CB37XF70      | RXF        | R   | 3.7 | PG+           |
| Cornelius      | CB41XF50      | RXF        | R   | 4.1 | PG+           |
| DONMARIO       | DM34E11       | E3         | R   | 3.4 | BPS-SDS       |
| DONMARIO       | DM36F84S      | RXF,ST     | R   | 3.6 | CMB-APX,SA    |
| DONMARIO       | DM40E44       | E3         | R   | 4.0 | CMB-APX,SA    |
| Dyna-Gro       | S37ES52       | E3,ST      | R   | 3.7 | EQV,Sa,Va     |
| Dyna-Gro       | S41EN72       | E3         | R   | 4.1 | EQV,Sa,Va     |
| Dyna-Gro       | S42XF93S      | RXF,ST     | MR  | 4.2 | EQV,Sa,Va     |
| FS HiSOY       | HS 33E20      | E3,ST      | R   | 3.3 | ACi,SA        |
| FS HiSOY       | HS 35E10      | E3         | R   | 3.5 | ACi,SA        |
| FS HiSOY       | HS 37F00      | RXF        | R   | 3.7 | ACi,SA        |
| FS HiSOY       | HS 39E10      | E3         | R   | 3.9 | ACi,SA        |
| FS HiSOY       | HS 40E30      | E3         | R   | 4.0 | ACi,SA        |
| FS HiSOY       | HS 41F30      | RXF,ST     | R   | 4.1 | ACi,SA        |
| FS HiSOY       | HS 42E10      | E3,ST      | R   | 4.2 | ACi,SA        |
| FS HiSOY       | HS 42F10      | RXF        | R   | 4.2 | ACi,SA        |
| Golden Harvest | GH3774E3      | E3         | R   | 3.7 | CMB-APX,SA    |
| Golden Harvest | GH3994E3      | E3         | MR  | 3.9 | CMB-APX,SA    |
| Golden Harvest | GH4093E3 §    | E3         | R   | 4.0 | CMB-APX,SA    |
| Golden Harvest | GH4214E3S §   | E3,ST      | MR  | 4.2 | CMB-APX,SA    |
| Great Heart    | GT-3883XF     | RXF        | R   | 3.8 | Gr+           |
| Great Heart    | GT-3894ES     | E3,ST      | R   | 3.8 | Gr+           |
| Great Heart    | GT-3967XF     | RXF        | R   | 3.9 | Gr+           |
| Great Heart    | GT-4005ES     | E3,ST      | R   | 4.0 | Gr+           |
| Great Heart    | GT-4366XFS    | RXF,ST     | R   | 4.3 | Gr+           |
| Lewis          | 3513XF        | RXF        | R   | 3.5 | ACi,IL        |
| Lewis          | 3834XF        | RXF        | R   | 3.8 | ACi,IL        |

| Company/Brand | Brand/Product | Technology | SCN | RM  | Seed Treat.   |
|---------------|---------------|------------|-----|-----|---------------|
| Lewis         | 3932XF        | RXF        | R   | 3.9 | ACi,IL        |
| Martin        | M33-XF GC     | RXF        | MR  | 3.3 | EcQ,NF,NH     |
| NK Brand      | NK33-W2E3S §  | E3,ST      | R   | 3.3 | CMB-APX,SA    |
| NK Brand      | NK39-J2E3     | E3         | MR  | 3.9 | CMB-APX,SA    |
| NK Brand      | NK40-P5E3     | E3         | R   | 4.0 | CMB-APX,SA    |
| NK Brand      | NK42-A6E3S    | E3,ST      | MR  | 4.2 | CMB-APX,SA    |
| NuTech        | 33N04E        | E3         | R   | 3.3 | Lum,Lu,IL     |
| NuTech        | 34N02E        | E3         | R   | 3.4 | Lum,Lu,IL     |
| NuTech        | 36N04E        | E3         | R   | 3.6 | Lum,Lu,IL     |
| NuTech        | 37N03E        | E3         | R   | 3.7 | Lum,Lu,IL     |
| NuTech        | 39N07E        | E3         | R   | 3.9 | Lum,Lu,IL     |
| NuTech        | 42N05E        | E3         | R   | 4.2 | Lum,Lu,IL     |
| P3 Genetics   | 2239E         | E3         | R   | 3.9 | PG+           |
| P3 Genetics   | 2337E         | E3         | R   | 3.7 | PG+           |
| Pioneer       | P31A73E §     | E3         | R   | 3.1 | Lum, LumT, IL |
| Pioneer       | P37A18E §     | E3         | MR  | 3.7 | Lum, LumT, IL |
| Pioneer       | P38A28E §     | E3         | MR  | 3.8 | Lum, LumT, IL |
| ProHarvest    | 37E41S        | E3,ST      | R   | 3.7 | PU            |
| Stine         | 37FD02 §      | RXF        | R   | 3.7 | ACi           |
| Stine         | 38EG32 §      | E3         | R   | 3.8 | ACi           |
| Stine         | 40FD29 §      | RXF        | R   | 4.0 | ACi           |
| Stone         | 2XF3843       | RXF        | R   | 3.8 | ACi,IL        |
| Xitavo        | XO 3483E      | E3         | MR  | 3.4 | PV,IL,OB,Rey  |
| Xitavo        | XO 3752E      | E3,ST      | R   | 3.7 | PV,IL,OB,Rey  |
| Xitavo        | XO 3803E      | E3,ST      | MR  | 3.8 | PV,IL,OB,Rey  |
| Xitavo        | XO 3922E      | E3         | R   | 3.9 | PV,IL,OB,Rey  |
| Xitavo        | XO 4084E      | E3,ST      | R   | 4.0 | PV,IL,OB,Rey  |
| Xitavo        | XO 4132E      | E3         | R   | 4.1 | PV,IL,OB,Rey  |
| Xitavo        | XO 4364E      | E3,ST      | R   | 4.3 | PV,IL,OB,Rey  |
| Zinesto       | Z3303E GC     | E3         | R   | 3.3 | Treated       |

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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|    |  |
|----|--|
| 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 Cyst Nematode (SCN) Resistance Rating

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

### Soybeans Technologies

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|     |                       |
|-----|-----------------------|
| E3  | Enlist E3®            |
| RXF | XtendFlex®            |
| ST  | Sulfonylurea tolerant |

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### Soybeans Seed Treatments\*

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|               |  |
|---------------|--|
| NA            | Not Available                                      |
| ACi           | Acceleron® Standard Insecticide-Fungicide          |
| ACi,IL        | Acceleron® Standard Insecticide-Fungicide, ILeVO   |
| ACi,SA        | Acceleron® Standard Insecticide-Fungicide, Saltro® |
| BPS-SDS       | Burrus PowerShield® SDS                            |
| CMB-APX,SA    | CruiserMaxx® APX with Saltro®                      |
| EcQ,NF,NH     | Eclipse US Total Quad-R, N-Force, N-Hibit          |
| EQV,Sa,Va     | Equity VIP, Saltro®, Vayantis®                     |
| F,I,SA        | Fungicide, Insecticide, Saltro®                    |
| Gr+           | Great Start Max Plus (Great Heart Seed)            |
| Lum,Lu,IL     | LumiGEN™, Lumisena™, ILeVO                         |
| Lum,Lu,Lud,IL | LumiGEN™, Luminesa, Lumiderm, ILeVO                |
| Lum, LumT, IL | LumiGEN™, LumiTreo, ILEVO                          |
| PG+           | Profit Guard +                                     |
| PU            | Protect Ultra                                      |
| PV,IL,OB,Rey  | Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®      |
| Treated       | Treated, unspecified                               |

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