

# 2024 Soybeans Top 30 Region Summary for Illinois South [ILSO]

**All-Season Test**  
**Maturity Group 3.5 - 4.5**  
S2024ILSO

**Top 30 of 59**

For Gross Income (Sorted by Yield), (11) Replication Average

| Company/Brand  | Product/Brand | Technol. † | RM  | SCN | Yield Bu/A ↓ | Moisture % | Lodging % | Gross Income \$/Acre | Rank | Belleville  | Effingham   | Flora *     | Nashville   |
|----------------|---------------|------------|-----|-----|--------------|------------|-----------|----------------------|------|-------------|-------------|-------------|-------------|
| FS HISOY       | HS 44F30 ↗    | RXF,ST     | 4.4 | M   | <b>73.3</b>  | 9.2        | 5         | 724                  | 1    | <b>67.5</b> | <b>74.3</b> | <b>70.8</b> | 80.6        |
| APEX           | AE3950S ↗     | E3,ST      | 3.9 | M   | <b>72.9</b>  | 9.5        | 1         | 720                  | 2    | <b>65.0</b> | 73.2        | <b>72.3</b> | 81.0        |
| AGVENTURE      | AV44B2E ↗     | E3         | 4.4 | M   | <b>71.0</b>  | 10.2       | 7         | 701                  | 3    | 63.3        | 63.9        | <b>75.4</b> | 81.3        |
| AGVENTURE      | AV38A1E ↗     | E3         | 3.8 | M   | <b>70.7</b>  | 9.5        | 4         | 699                  | 4    | 62.2        | 71.0        | <b>70.5</b> | 79.1        |
| AGVENTURE      | AV43B2BE ↗    | E3,ST      | 4.3 | M   | 70.0         | 9.4        | 3         | 692                  | 5    | 54.1        | 72.4        | <b>76.0</b> | 77.6        |
| PIONEER        | P42A84E § ↗   | E3         | 4.2 | R   | 69.8         | 9.4        | 13        | 690                  | 6    | 58.6        | 66.0        | <b>75.6</b> | 79.0        |
| APEX           | AE4150S ↗     | E3,ST      | 4.1 | M   | 69.8         | 9.5        | 1         | 689                  | 7    | 57.2        | <b>74.4</b> | 68.8        | 78.6        |
| NUTECH         | 43N06E ↗      | E3         | 4.3 | M   | 69.6         | 9.6        | 7         | 688                  | 8    | 53.7        | 70.6        | <b>72.9</b> | 81.4        |
| APEX           | AE3850 ↗      | E3         | 3.8 | M   | 69.5         | 10.0       | 1         | 687                  | 9    | 59.1        | 70.2        | 66.3        | <b>82.5</b> |
| DYNA-GRO       | S41XF65 ↗     | RXF        | 4.1 | M   | 69.4         | 9.7        | 4         | 686                  | 10   | 60.2        | 71.7        | 68.2        | 77.5        |
| NUTECH         | 42N05E ↗      | E3         | 4.2 | M   | 69.1         | 9.5        | 2         | 683                  | 11   | 58.9        | 70.6        | 61.8        | <b>85.2</b> |
| AGVENTURE      | AV42A1E ↗     | E3         | 4.2 | M   | 68.5         | 10.3       | 9         | 677                  | 12   | 62.4        | 66.2        | <b>70.5</b> | 74.9        |
| GOLDEN HARVEST | GH3655E3S ↗   | E3,ST      | 3.6 | M   | 68.5         | 10.3       | 6         | 677                  | 13   | 61.1        | 67.4        | 69.1        | 76.5        |
| FORTUS         | 4125ES ↗      | E3,ST      | 4.1 | M   | 68.5         | 9.9        | 1         | 676                  | 14   | 58.2        | <b>73.8</b> | 68.3        | 73.5        |
| FS HISOY       | HS 38F20 ↗    | RXF        | 3.8 | M   | 68.4         | 9.9        | 1         | 676                  | 15   | 62.7        | <b>74.9</b> | 60.8        | 75.4        |
| BURRUS         | 3767E ↗       | E3         | 3.7 | M   | 68.4         | 10.0       | 6         | 676                  | 17   | 57.8        | 71.4        | 69.6        | 75.0        |
| NUTECH         | 39N08E ↗      | E3         | 3.9 | PK  | 68.4         | 10.6       | 2         | 676                  | 16   | 48.7        | <b>77.0</b> | 62.0        | <b>86.0</b> |
| FS HISOY       | HS 36F40 ↗    | RXF        | 3.6 | M   | 68.3         | 11.0       | 1         | 675                  | 18   | 61.5        | 67.9        | 61.0        | <b>82.7</b> |
| PIONEER        | P44A91E § ↗   | E3         | 4.4 | MR  | 68.2         | 10.0       | 1         | 674                  | 20   | 56.5        | 70.9        | 62.9        | <b>82.5</b> |
| FS HISOY       | HS 40E30 ↗    | E3         | 4.0 | M   | 68.2         | 9.8        | 4         | 674                  | 19   | 55.4        | 68.4        | 66.0        | <b>83.0</b> |
| NUTECH         | 36N06E ↗      | E3         | 3.6 | M   | 68.0         | 9.8        | 1         | 672                  | 21   | 48.8        | <b>79.9</b> | 67.1        | 76.2        |
| DYNA-GRO       | S38EN75 ↗     | E3         | 3.8 | M   | 67.6         | 10.0       | 1         | 668                  | 22   | 59.1        | 72.5        | 59.5        | 79.3        |
| FS HISOY       | HS 37E40 ↗    | E3         | 3.7 | M   | 67.4         | 10.1       | 1         | 666                  | 23   | 57.1        | <b>73.4</b> | 57.5        | 81.7        |
| GOLDEN HARVEST | GH3774E3 § ↗  | E3         | 3.7 | M   | 67.4         | 11.5       | 3         | 666                  | 24   | 55.7        | <b>74.2</b> | 60.1        | 79.7        |
| NUTECH         | 37N03E ↗      | E3         | 3.7 | M   | 67.3         | 9.0        | 3         | 665                  | 25   | 56.0        | 67.9        | 67.3        | 78.1        |
| GOLDEN HARVEST | GH4093E3 § ↗  | E3         | 4.0 | M   | 67.2         | 9.8        | 1         | 665                  | 26   | 58.0        | 66.0        | 68.0        | 77.0        |
| DONMARIO       | DM38E54 ↗     | E3         | 3.8 | M   | 66.9         | 10.9       | 10        | 661                  | 27   | <b>64.9</b> | 69.9        | 54.7        | 78.1        |
| AGVENTURE      | AV39B2E ↗     | E3         | 3.9 | PK  | 66.9         | 10.0       | 5         | 661                  | 28   | 55.9        | 71.1        | 55.5        | <b>85.0</b> |
| XITAVO         | XO 4255E ↗    | E3,ST      | 4.2 | M   | 66.8         | 9.7        | 4         | 660                  | 29   | 54.8        | 70.2        | 64.7        | 77.4        |
| GOLDEN HARVEST | GH4433E3S § ↗ | E3,ST      | 4.4 | M   | 66.8         | 10.4       | 10        | 660                  | 30   | <b>67.3</b> | 61.6        | 63.1        | 75.2        |



|                   |             |             |          |            |             |             |             |             |
|-------------------|-------------|-------------|----------|------------|-------------|-------------|-------------|-------------|
| <b>Averages =</b> | <b>66.5</b> | <b>10.2</b> | <b>5</b> | <b>657</b> | <b>58.2</b> | <b>68.2</b> | <b>62.4</b> | <b>77.0</b> |
| LSD (0.10) =      | 4.2         | 0.7         | 8        |            | 5.6         | 5.1         | 7.5         | 5.0         |
| LSD (0.25) =      | 2.2         | 0.4         | 4        |            | 3.0         | 2.7         | 3.9         | 2.6         |

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Prev. years average yield for region: 52.69 bu/a, 24 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.00 Prices: GMO = \$9.88

† 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. \* 2 reps for the site.

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

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## 2024 Soybeans - Illinois South [ ILSO ]

### All-Season Test Products (59 Total)

| Company/Brand  | Product/Brand | Technology | SCN | RM  | Seed Treat.   |
|----------------|---------------|------------|-----|-----|---------------|
| AgVenture      | AV38A1E       | E3         | M   | 3.8 | Lum, LumT, IL |
| AgVenture      | AV39B2E       | E3         | PK  | 3.9 | Lum, LumT, IL |
| AgVenture      | AV41Y5E       | E3         | M   | 4.1 | Lum, LumT, IL |
| AgVenture      | AV42A1E       | E3         | M   | 4.2 | Lum, LumT, IL |
| AgVenture      | AV43B2BE      | E3,ST      | M   | 4.3 | Lum, LumT, IL |
| AgVenture      | AV44B2E       | E3         | M   | 4.4 | Lum, LumT, IL |
| Apex           | AE3850        | E3         | M   | 3.8 | PU            |
| Apex           | AE3950S       | E3,ST      | M   | 3.9 | PU            |
| Apex           | AE4150S       | E3,ST      | M   | 4.1 | PU            |
| Asgrow         | AG36XF4 §     | RXF        | R   | 3.6 | ACi,IL        |
| Asgrow         | AG40XF1 §     | RXF,ST     | R   | 4.0 | ACi,IL        |
| Asgrow         | AG44XF4 §     | RXF,ST     | R   | 4.4 | ACi,IL        |
| Burrus         | 3647F         | RXF        | M   | 3.6 | BPS-SDS       |
| Burrus         | 3767E         | E3         | M   | 3.7 | BPS-SDS       |
| Burrus         | 4134E         | E3,ST      | M   | 4.1 | BPS-SDS       |
| Burrus         | 4365E         | E3,ST      | M   | 4.3 | BPS-SDS       |
| DONMARIO       | DM36E94       | E3         | M   | 3.6 | F,I,B         |
| DONMARIO       | DM36F84S      | RXF,ST     | M   | 3.6 | F,I,B         |
| DONMARIO       | DM38E54       | E3         | M   | 3.8 | F,I,B         |
| Dyna-Gro       | S38EN75       | E3         | M   | 3.8 | PLTM          |
| Dyna-Gro       | S41XF65       | RXF        | M   | 4.1 | PLTM          |
| Fortus         | 3665E         | E3         | M   | 3.6 | AC, SU        |
| Fortus         | 3815E         | E3         | M   | 3.8 | AC, SU        |
| Fortus         | 4125ES        | E3,ST      | M   | 4.1 | AC, SU        |
| Fortus         | 4335E         | E3         | M   | 4.3 | AC, SU        |
| FS HiSOY       | HS 36F40      | RXF        | M   | 3.6 | ACi,SA        |
| FS HiSOY       | HS 37E40      | E3         | M   | 3.7 | ACi,SA        |
| FS HiSOY       | HS 38E20      | E3,ST      | M   | 3.8 | F,I,NE        |
| FS HiSOY       | HS 38F20      | RXF        | M   | 3.8 | F,I,NE        |
| FS HiSOY       | HS 40E30      | E3         | M   | 4.0 | F,I,NE        |
| FS HiSOY       | HS 43E30      | E3,ST      | M   | 4.3 | F,I,NE        |
| FS HiSOY       | HS 44E40      | E3         | M   | 4.4 | F,I,NE        |
| FS HiSOY       | HS 44F30      | RXF,ST     | M   | 4.4 | F,I,NE        |
| Golden Harvest | GH3655E3S     | E3,ST      | M   | 3.6 | CMB-APX,SA    |
| Golden Harvest | GH3774E3 §    | E3         | M   | 3.7 | CMB-APX,SA    |
| Golden Harvest | GH4093E3 §    | E3         | M   | 4.0 | CMB-APX,SA    |
| Golden Harvest | GH4214E3S     | E3,ST      | M   | 4.2 | CMB-APX,SA    |
| Golden Harvest | GH4433E3S §   | E3,ST      | M   | 4.4 | CMB-APX,SA    |
| Great Heart    | GT-3770E      | E3         | R   | 3.7 | Gr+           |
| Great Heart    | GT-3972E      | E3         | R   | 3.9 | Gr+           |
| Great Heart    | GT-4460XF     | RXF        | R   | 4.4 | Gr+           |
| NuTech         | 35N05E        | E3         | PK  | 3.5 | Lum, LumT, IL |

| Company/Brand | Brand/Product | Technology | SCN | RM  | Seed Treat.   |
|---------------|---------------|------------|-----|-----|---------------|
| NuTech        | 36N06E        | E3         | M   | 3.6 | Lum, LumT, IL |
| NuTech        | 37N03E        | E3         | M   | 3.7 | Lum, LumT, IL |
| NuTech        | 38N05E        | E3         | M   | 3.8 | Lum, LumT, IL |
| NuTech        | 39N08E        | E3         | PK  | 3.9 | Lum, LumT, IL |
| NuTech        | 42N05E        | E3         | M   | 4.2 | Lum, LumT, IL |
| NuTech        | 43N06E        | E3         | M   | 4.3 | Lum, LumT, IL |
| NuTech        | 45N10E        | E3         | M   | 4.5 | Lum, LumT, IL |
| Pioneer       | P37A18E §     | E3         | MR  | 3.7 | Lum,Lu        |
| Pioneer       | P42A84E §     | E3         | R   | 4.2 | Lum, LumT, IL |
| Pioneer       | P44A91E §     | E3         | MR  | 4.4 | Lum, LumT, IL |
| Stine         | 35EG92 §      | E3         | M   | 3.5 | TFX1,SA       |
| Stine         | 37EG23 §      | E3         | M   | 3.7 | TFX1,SA       |
| Stine         | 42EG23 §      | E3         | M   | 4.2 | TFX1,SA       |
| Xitavo        | XO 3655E      | E3,ST      | M   | 3.6 | PV,IL,OB,Rey  |
| Xitavo        | XO 3705E      | E3         | M   | 3.7 | PV,IL,OB,Rey  |
| Xitavo        | XO 3855E      | E3,ST      | M   | 3.8 | PV,IL,OB,Rey  |
| Xitavo        | XO 4255E      | E3,ST      | M   | 4.2 | PV,IL,OB,Rey  |

## 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 Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

|    |                     |
|----|---------------------|
| M  | PI 88788 (MR)       |
| PK | Peking (R)          |
| H  | Hartwig (R)         |
| B  | Blend (PK + M)      |
| MR | moderate resistance |
| R  | resistant           |
| S  | susceptible         |
| NA | 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,IL        | Acceleron® Standard Insecticide-Fungicide, ILeVO   |
| ACi,SA        | Acceleron® Standard Insecticide-Fungicide, Saltro® |
| AC, SU        | Acceleron standard+ StepUp                         |
| BPS-SDS       | Burrus PowerShield® SDS                            |
| CMB-APX,SA    | CruiserMaxx® APX with Saltro®                      |
| F,I,B         | Fungicide, Insecticide, Biological                 |
| F,I,NE        | Fungicide, Insecticide, Nematicide                 |
| Gr+           | Great Start Max Plus (Great Heart Seed)            |
| Lum,Lu        | LumiGEN™, Lumisena™                                |
| Lum, LumT, IL | LumiGEN™, LumiTreo, ILEVO                          |
| PLTM          | DynaGro PLTM                                       |
| PU            | Protect Ultra                                      |
| PV,IL,OB,Rey  | Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®      |
| TFX1,SA       | Stine MyYield, Saltro                              |

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