

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

## 2022 Soybeans Top 30 Harvest Report

North Central State Line [NCSL] PEARL CITY, IL  
Todd Randecker, Stevenson County, IL 61078

|                               |  |
|-------------------------------|--|
| <b>All-Season Test</b>        | Maturity Group <b>2.1 - 2.9</b><br>S2022NCSL07                       |
| <b>Top 30 of 54</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (3) Replications |
| <b>PREV. CROP/HERB:</b>       | Corn / Lumax, Halex Gt   |
| <b>SOIL DESCRIPTION:</b>      | Greenbush/Batavia silt loam,<br>well drained, non-irrigated          |
| <b>SOIL CONDITION:</b>        | low P, medium K, 6.1 pH, 2.6%<br>OM, 14.3 CEC                        |
| <b>TILLAGE/CULTIVATION:</b>   | Minimum W/ Fall Till   |
| <b>PEST MANAGEMENT:</b>       | Roundup, Roundup   |
| <b>FERTILITY - Applied N:</b> | 18 Fall  |
| <b>Applied N-P-K (units):</b> | 18-46-90   |
| <b>SEEDED - RATE - ROW:</b>   | May 21 160.0 /A 15" spacing  |
| <b>HARVESTED - STAND:</b>     | Oct 18 128.5 /A  |

### TEST COMMENTS:

*This location looked great all season long. Emergence was nice and uniform. There was a lot of vegetative growth, making for some long internodes and creating a lot of material that had to go through the harvester. Pods had good fill with medium-size seeds. There was little to no diseases present. All the lodging that was noted was due to the height of the plants. It was nice that things were frosted off, to help get rid of the green stems.*

| Company/Brand  | Product/Brand | Technol.† | RM  | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-----------|-----|-------------|--------------|------------|-----------|----------------|----------------------|------|
| NK Brand       | NK24-A2E3S ↗  | E3,ST     | 2.4 | R           | <b>83.5</b>  | 11.3       | 11        | 130.7          | 1127                 | 1    |
| Xitavo         | XO 2282E ↗    | E3        | 2.2 | R           | <b>82.3</b>  | 10.8       | 7         | 148.0          | 1111                 | 2    |
| Stone          | 2XF2541 ↗     | RXF       | 2.5 | R           | <b>82.2</b>  | 11.4       | 9         | 130.7          | 1110                 | 3    |
| Stine          | 26EF23 § ↗    | E3        | 2.6 | R           | <b>81.6</b>  | 11.5       | 12        | 128.0          | 1102                 | 4    |
| Golden Harvest | GH2653XF ↗    | RXF       | 2.6 | R           | <b>81.4</b>  | 11.1       | 6         | 117.0          | 1099                 | 5    |
| P3 Genetics    | 2326E ↗       | E3        | 2.6 | R           | <b>81.3</b>  | 11.7       | 14        | 114.0          | 1098                 | 6    |
| DONMARIO       | DM24E23 ↗     | E3        | 2.4 | R           | <b>80.5</b>  | 12.2       | 9         | 111.3          | 1087                 | 7    |
| Genesis        | G2270E ↗      | E3        | 2.2 | R           | <b>79.5</b>  | 11.2       | 14        | 136.7          | 1073                 | 8    |
| Asgrow         | AG28XF3 § ↗   | RXF       | 2.8 | R           | <b>79.3</b>  | 11.6       | 14        | 133.7          | 1071                 | 9    |
| Genesis        | G2570ES ↗     | E3,ST     | 2.5 | R           | <b>79.1</b>  | 11.5       | 20        | 108.7          | 1068                 | 10   |
| Asgrow         | AG21XF2 § ↗   | RXF       | 2.1 | R           | <b>78.9</b>  | 10.5       | 10        | 122.7          | 1065                 | 11   |
| FS HiSOY       | HS 21E20 ↗    | E3        | 2.1 | R           | <b>78.4</b>  | 10.9       | 20        | 156.3          | 1058                 | 12   |
| FS HiSOY       | HS 26E20 ↗    | E3        | 2.6 | R           | <b>77.6</b>  | 12.1       | 10        | 114.3          | 1048                 | 13   |
| Genesis        | G2960E ↗      | E3        | 2.9 | R           | <b>77.5</b>  | 12.6       | 11        | 148.0          | 1046                 | 14   |
| Xitavo         | XO 2181E ↗    | E3        | 2.1 | R           | <b>77.4</b>  | 10.6       | 29        | 119.7          | 1045                 | 15   |
| Xitavo         | XO 2613E ↗    | E3        | 2.6 | R           | <b>77.3</b>  | 12.5       | 17        | 122.3          | 1044                 | 16   |
| NuTech         | 24N04E ↗      | E3        | 2.4 | R           | 76.5         | 11.1       | 11        | 117.0          | 1033                 | 17   |
| Dairyland      | DSR-2424E ↗   | E3        | 2.4 | R           | 76.2         | 10.9       | 15        | 125.3          | 1029                 | 18   |
| Pioneer        | P26T23E GC ↗  | E3        | 2.6 | R           | 76.1         | 10.9       | 9         | 128.3          | 1027                 | 19   |
| NK Brand       | NK23-T9XF § ↗ | RXF       | 2.3 | R           | 75.8         | 11.2       | 11        | 136.7          | 1023                 | 20   |
| Stine          | 22EF23 § ↗    | E3        | 2.2 | R           | 75.8         | 11.1       | 15        | 111.3          | 1023                 | 21   |
| Golden Harvest | GH2922E3 ↗    | E3        | 2.9 | R           | 75.0         | 10.8       | 9         | 164.3          | 1012                 | 22   |
| Xitavo         | XO 2323E ↗    | E3        | 2.3 | R           | 74.7         | 11.2       | 20        | 147.7          | 1008                 | 23   |
| Dairyland      | DSR-2562E ↗   | E3        | 2.5 | R           | 74.7         | 12.1       | 9         | 139.3          | 1008                 | 24   |
| Golden Harvest | GH2292E3 § ↗  | E3        | 2.2 | MR          | 74.7         | 10.7       | 17        | 128.3          | 1008                 | 25   |
| Dairyland      | DSR-2640E ↗   | E3        | 2.6 | R           | 74.6         | 11.5       | 15        | 131.0          | 1007                 | 26   |
| Cornelius      | CB27XF34 ↗    | RXF       | 2.7 | R           | 74.0         | 11.1       | 9         | 111.3          | 999                  | 27   |
| NuTech         | 25N04E ↗      | E3        | 2.5 | R           | 73.9         | 12.1       | 4         | 134.0          | 998                  | 28   |
| Asgrow         | AG27XF3 § ↗   | RXF       | 2.7 | R           | 73.8         | 13.2       | 13        | 114.3          | 996                  | 29   |
| Pioneer        | P24T35E § ↗   | E3        | 2.4 | R           | 73.1         | 11.1       | 11        | 145.0          | 987                  | 30   |

*Jason T Beyers*

Jason Beyers

beyers@frontiernet.net, (815) 493-9005

Averages = **73.3** **12.0** **14** **128.5** **989**

LSD (0.10) = 3.5 0.7 7

LSD (0.25) = 1.8 0.3 4

C.V. = 4.6

Historic yield: 73.52 bu/a, 7 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.50

Report Date: 10/19/2022

† 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 full product yield results at www.firstseedtests.com

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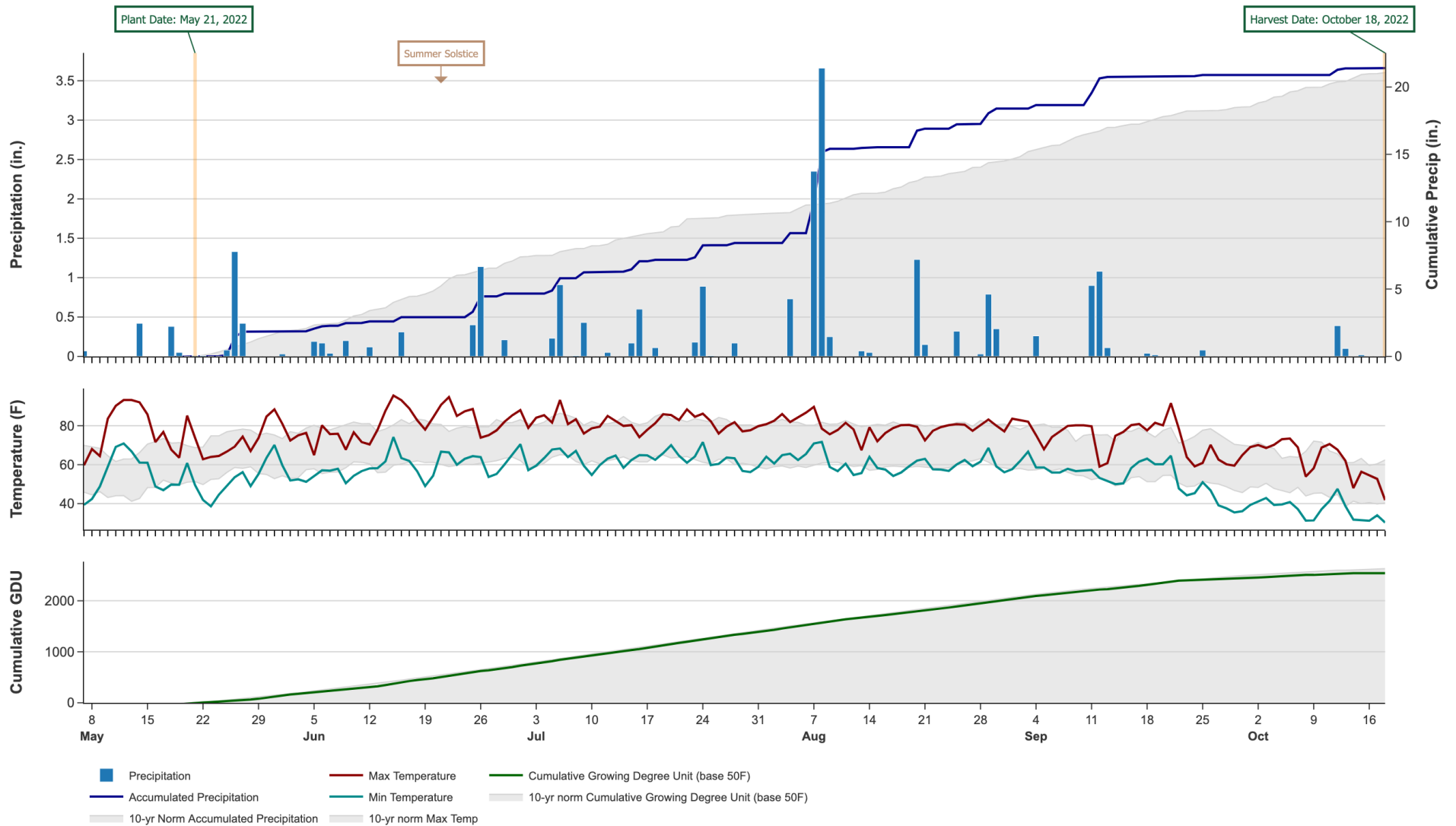
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# 2022 Soybeans - North Central State Line [ NCSL ]

## Weather Conditions Summary at PEARL CITY, IL

Weather Data Retrieved: 10/19/2022

| Monthly Total               | May*             | Jun              | Jul              | Aug               | Sep              | Oct*             | Total              |
|-----------------------------|------------------|------------------|------------------|-------------------|------------------|------------------|--------------------|
| Precip (in)   Normal (Diff) | 2.8   3.8 (-1.0) | 2.8   5.4 (-2.6) | 3.8   3.5 (+0.2) | 10.0   3.9 (+6.1) | 2.5   4.0 (-1.5) | 0.5   2.6 (-2.0) | 22.3   23.2 (-0.9) |
| GDU   Normal (Diff)         | 372   291 (+80)  | 569   582 (-13)  | 687   690 (-3)   | 623   626 (-3)    | 425   441 (-16)  | 106   135 (-29)  | 2782   2767 (+14)  |



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2022 Soybeans - North Central State Line [ NCSL ]

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

| Company/Brand  | Product/Brand | Technology | SCN | RM  | Seed Treat.  |
|----------------|---------------|------------|-----|-----|--------------|
| Asgrow         | AG21XF2 §     | RXF        | R   | 2.1 | ACi,IL       |
| Asgrow         | AG27XF3 §     | RXF        | R   | 2.7 | ACi,IL       |
| Asgrow         | AG28XF3 §     | RXF        | R   | 2.8 | ACi,IL       |
| Brevant        | B272EE GC     | E3         | R   | 2.7 | Lum,Lu,IL    |
| Cornelius      | CB27XF34      | RXF        | R   | 2.7 | PG+          |
| Cornelius      | CB29XF35      | RXF        | S   | 2.9 | PG+          |
| Dairyland      | DSR-2188E     | E3         | R   | 2.1 | Lum,Lu,IL    |
| Dairyland      | DSR-2424E     | E3         | R   | 2.4 | Lum,Lu,IL    |
| Dairyland      | DSR-2562E     | E3         | R   | 2.5 | Lum,Lu,IL    |
| Dairyland      | DSR-2640E     | E3         | R   | 2.6 | Lum,Lu,IL    |
| Dairyland      | DSR-2717E     | E3         | R   | 2.7 | Lum,Lu,IL    |
| Dairyland      | DSR-2999E     | E3         | R   | 2.9 | Lum,Lu,IL    |
| DONMARIO       | DM24E23       | E3         | R   | 2.4 | CMBV         |
| FS HiSOY       | HS 21E20      | E3         | R   | 2.1 | ACi,SA,B-200 |
| FS HiSOY       | HS 25E00      | E3         | R   | 2.5 | ACi,SA,B-200 |
| FS HiSOY       | HS 26E20      | E3         | R   | 2.6 | ACi,SA,B-200 |
| FS HiSOY       | HS 28E10      | E3         | R   | 2.8 | ACi,SA,B-200 |
| Genesis        | G2270E        | E3         | R   | 2.2 | EcTC,SA      |
| Genesis        | G2550E        | E3         | R   | 2.5 | EcTC,SA      |
| Genesis        | G2570ES       | E3,ST      | R   | 2.5 | EcTC,SA      |
| Genesis        | G2960E        | E3         | R   | 2.9 | EcTC,SA      |
| Golden Harvest | GH2292E3 §    | E3         | MR  | 2.2 | CMBV,SA      |
| Golden Harvest | GH2653XF      | RXF        | R   | 2.6 | CMBV,SA      |
| Golden Harvest | GH2722XF      | RXF        | MR  | 2.7 | CMBV,SA      |
| Golden Harvest | GH2922E3      | E3         | R   | 2.9 | CMBV,SA      |
| NK Brand       | NK22-R2E3S §  | E3,ST      | R   | 2.2 | CMBV,SA      |
| NK Brand       | NK23-T9XF §   | RXF        | R   | 2.3 | CMBV,SA      |
| NK Brand       | NK24-A2E3S    | E3,ST      | R   | 2.4 | CMBV,SA      |
| NK Brand       | NK29-Z4E3     | E3         | R   | 2.9 | CMBV,SA      |
| NuTech         | 21N07E        | E3         | R   | 2.1 | Lum,Lu,IL    |
| NuTech         | 24N04E        | E3         | R   | 2.4 | Lum,Lu,IL    |
| NuTech         | 25N04E        | E3         | R   | 2.5 | Lum,Lu,IL    |
| NuTech         | 26N06E        | E3         | R   | 2.6 | Lum,Lu,IL    |
| NuTech         | 27N03E        | E3         | R   | 2.7 | Lum,Lu,IL    |
| NuTech         | 29N02E        | E3         | R   | 2.9 | Lum,Lu,IL    |
| P3 Genetics    | 2229E         | E3         | R   | 2.9 | PG+          |
| P3 Genetics    | 2326E         | E3         | R   | 2.6 | PG+          |
| Pioneer        | P24T35E §     | E3         | R   | 2.4 | Lum,Lu       |
| Pioneer        | P26T23E GC    | E3         | R   | 2.6 | Lum,Lu       |
| Pioneer        | P26T57E §     | E3         | R   | 2.6 | Lum,Lu       |
| Pioneer        | P28T02E §     | E3         | R   | 2.8 | Lum,Lu       |
| Renk           | RS2-271E      | E3         | R   | 2.7 | EcTC,SA      |

| Company/Brand | Brand/Product | Technology | SCN | RM  | Seed Treat.  |
|---------------|---------------|------------|-----|-----|--------------|
| Stine         | 22EF23 §      | E3         | R   | 2.2 | SFI          |
| Stine         | 26EC32 §      | E3         | R   | 2.6 | SFI          |
| Stine         | 26EF23 §      | E3         | R   | 2.6 | SFI          |
| Stone         | 2XF2541       | RXF        | R   | 2.5 | ACi,IL       |
| Xitavo        | XO 2181E      | E3         | R   | 2.1 | PV,IL,OB,Rey |
| Xitavo        | XO 2282E      | E3         | R   | 2.2 | PV,IL,OB,Rey |
| Xitavo        | XO 2323E      | E3         | R   | 2.3 | PV,IL,OB,Rey |
| Xitavo        | XO 2472E      | E3,ST      | R   | 2.4 | PV,IL,OB,Rey |
| Xitavo        | XO 2501E      | E3         | R   | 2.5 | PV,IL,OB,Rey |
| Xitavo        | XO 2613E      | E3         | R   | 2.6 | PV,IL,OB,Rey |
| Xitavo        | XO 2832E      | E3         | R   | 2.8 | PV,IL,OB,Rey |
| Xitavo        | XO 2963E      | E3         | R   | 2.9 | 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 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 | Roundup Ready 2 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,B-200 | Acceleron® Standard Insecticide-Fungicide, Saltro®, B-200 SAT |
| CMBV         | CruiserMaxx® Beans, Vibrance®                                 |
| CMBV,SA      | Cruisermaxx® Beans, Vibrance®, Saltro®                        |
| EcTC,SA      | Eclipse US Total Coverage Trio IM, N-Force, Saltro®           |
| Lum,Lu       | LumiGEN™, Lumisena™   |
| Lum,Lu,IL    | LumiGEN™, Lumisena™, ILeVO                                    |
| PG+          | Profit Guard +  |
| PV,IL,OB,Rey | Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®                 |
| SFI          | Stine XP F&I  |

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