

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

## 2025 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] WILLIAMSVILLE, IL  
Bruce & Nick Constant, Sangamon County, IL 62693

<b>All-Season Test</b>	Maturity Group <b>3.3 - 4.3</b> S2025ILSC20
<b>Top 30 of 63</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Lexar Ez., Roundup Powermax 3
<b>SOIL DESCRIPTION:</b>	Ipava silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	6.7 pH, 5.51% OM, 15.16 CEC, high P, medium K, low S, high B, low Zn
<b>TILLAGE/CULTIVATION:</b>	Minimum W/ Fall Till
<b>PEST MANAGEMENT:</b>	Sterling Blue, Boundary6.5 Ec, Liberty, Prefix, Miravis Top, Endigo
<b>FERTILITY - Other:</b>	VRT Sulfur, Brandt Trio, Brandt Smart B-Molly
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 10 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 9 126.5 /A
<b>PEST &amp; DISEASE RISK:</b>	SDS, Phytophthora, Stem Canker, Red Crown Rot*

### TEST COMMENTS:

*This location was moved to a different farm at the last minute due to some logistical issues. It was planted in great soil conditions. When taking stand counts, we noticed late emergence issues with the E3 varieties. They were all there but 2 weeks behind the RXF neighbors. Looks like a pre-emerge herbicide was the culprit. At harvest, the whole plot was standing perfectly, but there were noticeable height differences in the different technologies and a bit of a yield difference; however, not as much as one would think. Please use these results with caution due to problems with E3 varieties. The test will be excluded from the region summary.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ‡	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HiSOY	HS 41F50 ↗	RXF,ST	4.1	M	<b>87.5</b>	12.4	1	129.3	910	1
Apex	AE4150S ↗	E3,ST	4.1	M	<b>86.9</b>	12.0	1	132.0	904	2
FS HiSOY	HS 42F50 ↗	RXF	4.2	M	<b>86.6</b>	12.5	1	139.3	901	3
Great Heart	GT-3968XF ↗	RXF	3.9	M	<b>84.2</b>	12.5	1	139.3	876	4
FS HiSOY	HS 36F40 ↗	RXF	3.6	M	<b>84.0</b>	11.9	1	126.7	874	5
Kitchen	KSC 3625CXF ↗	RXF	3.6	M	<b>83.8</b>	12.2	1	114.0	872	6
FS HiSOY	HS 39F50 ↗	RXF	3.9	M	<b>82.4</b>	12.0	1	114.0	857	7
Monier	ME354 ↗	E3	3.5	M	<b>81.6</b>	11.3	1	116.3	849	8
Monier	ME350 ↗	E3,ST	3.5	M	<b>80.4</b>	11.6	1	141.7	836	9
FS HiSOY	HS 34F30 ↗	RXF	3.4	M	79.7	12.4	1	141.7	829	10
Burrus	3472E ↗	E3	3.4	M	79.4	11.8	1	126.7	826	11
DONMARIO	DM33E55 ↗	E3	3.3	M	79.4	10.9	1	129.3	826	12
AgVenture	AV38A1E ↗	E3	3.8	M	79.3	12.2	1	129.3	825	13
Asgrow	AG33XF3 GC ↗	RXF	3.3	R	79.2	11.5	1	131.7	824	14
Great Heart	GT-3734XFS ↗	RXF,ST	3.7	M	79.2	12.8	1	124.0	824	15
Brevant	B324EE GC ↗	E3	3.2	M	78.4	11.5	1	114.0	815	16
AgVenture	AV41Y5E ↗	E3	4.1	M	78.0	12.6	1	124.3	811	17
DONMARIO	DM40F45S ↗	RXF,ST	4.0	M	78.0	13.0	1	131.7	811	18
FS HiSOY	HS 37E40 ↗	E3	3.7	M	77.3	12.6	1	126.7	804	19
NuTech	41N04E ↗	E3	4.1	M	77.2	12.5	1	124.0	803	20
Burrus	4125F ↗	RXF	4.1	M	77.1	13.0	1	121.7	802	21
Burrus	3578E ↗	E3	3.5	M	76.6	11.2	1	119.0	797	22
Xitavo	XO 4056E ↗	E3	4.0	M	76.3	11.5	1	129.0	794	23
LG Seeds	LGS3570E3 GC ↗	E3	4.3	M	75.7	11.5	1	126.7	787	24
Dyna-Gro	S35ES56 ↗	E3,ST	3.5	M	74.8	11.1	1	126.7	778	25
Apex	AE3550S ↗	E3,ST	3.5	M	74.6	10.7	1	141.7	776	26
Apex	AE3850 ↗	E3	3.8	M	74.5	11.7	1	129.3	775	27
Fortus	3394E ↗	E3	3.3	PK	74.4	11.0	1	129.3	774	28
NuTech	43N06E ↗	E3	4.3	M	74.1	12.1	1	131.7	771	29
FS HiSOY	HS 38E50 ↗	E3	3.8	M	73.6	12.0	1	134.3	765	30

*Nathan Roux*

Nathan Roux

nathan.g.roux@gmail.com, (815) 716-3794

Averages = **73.2** **11.8** **1** **126.5** **762**

LSD (0.10) = 6.9 0.5 ns

LSD (0.25) = 3.6 0.3 ns

C.V. = 9.0

Historic yield: 74.54 bu/a, 7 yr(s)

### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.00

Prices: GMO = \$10.40

Report Date: 10/09/2025

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

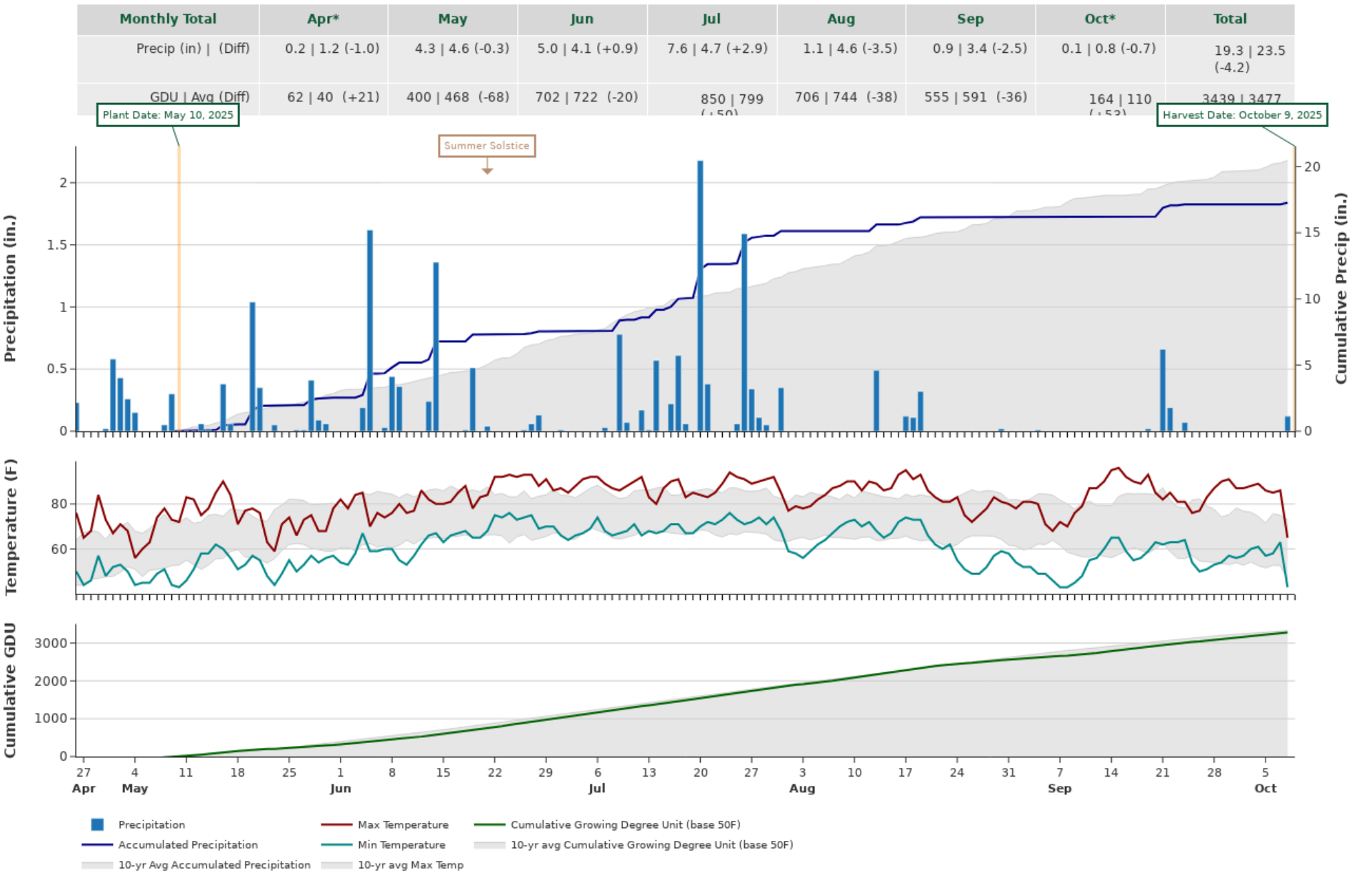
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. \*[Earthoptics](http://Earthoptics) used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com).

©2025, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

2025 Soybeans - Illinois South Central [ ILSC ]

Weather Conditions Summary at WILLIAMSVILLE, IL

Weather Data Retrieved: 10/09/2025



\* 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.



EARTHOPTICS

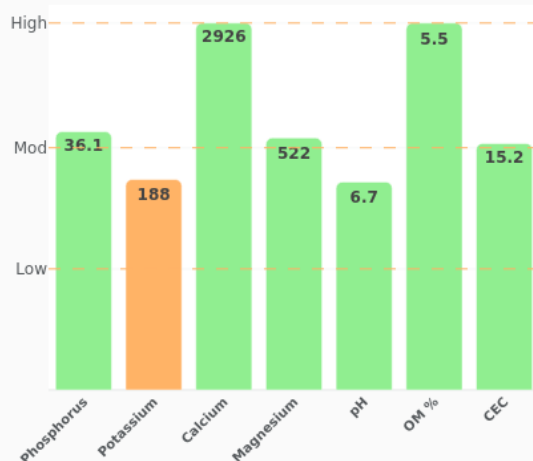
EarthOptics Soil Analysis | Williamsville, IL [ILSC]

Macronutrients, Micronutrients, Pest & Disease, Biofertility

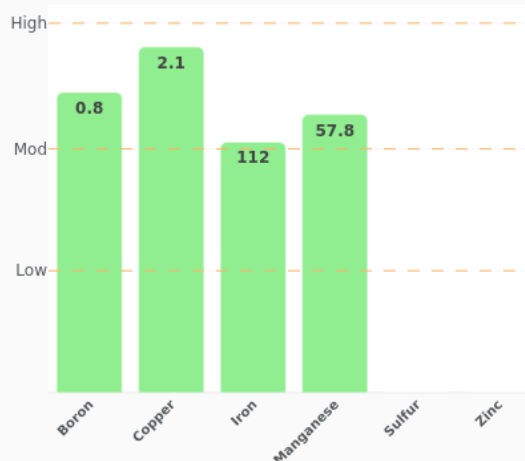


farmers' independent  
research of seed  
technologies

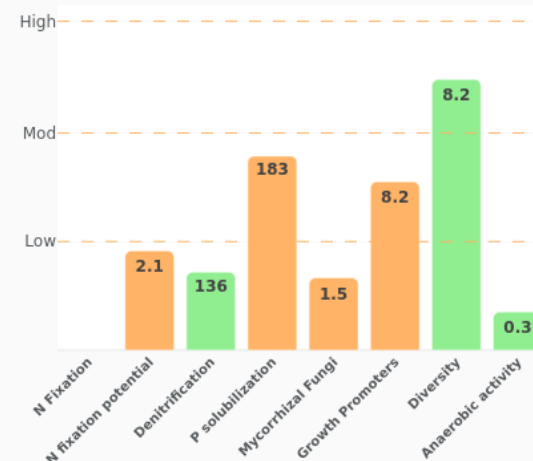
### Macronutrients



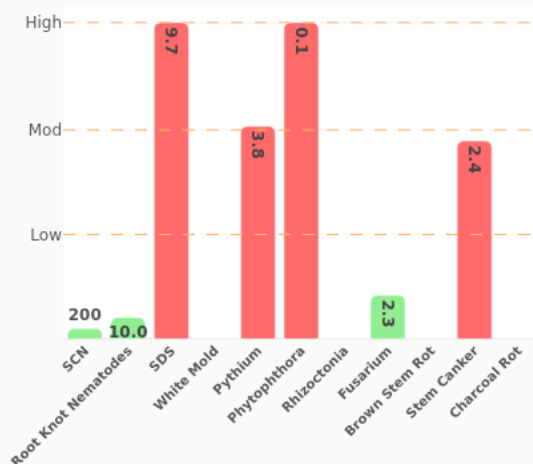
### Micronutrients



### Biofertility Analytics



### Below Ground Pest & Disease - Soybeans



### Above Ground Pest & Disease - Soybeans



### More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

## 2025 Soybeans - Illinois South Central [ ILSC ]

### All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV34B2E	E3	PK	3.4	CMB-APX,IL
AgVenture	AV36B2E	E3	M	3.6	CMB-APX,SA
AgVenture	AV38A1E	E3	M	3.8	CMB-APX,IL
AgVenture	AV38B2E	E3	M	3.8	CMB-APX,IL
AgVenture	AV39B2E	E3	PK	3.9	CMB-APX,IL
AgVenture	AV40C3E	E3	M	4.0	Lum,Lu,Lud,IL
AgVenture	AV41Y5E	E3	M	4.1	CMB-APX,IL
Apex	AE3550S	E3,ST	M	3.5	PU,Sa
Apex	AE3850	E3	M	3.8	PU,Sa
Apex	AE3950S	E3,ST	M	3.9	PU,Sa
Apex	AE4150S	E3,ST	M	4.1	PU,Sa
Asgrow	AG33XF3	RXF	R	3.3	ACi,IL
Asgrow	AG38XF3	RXF	R	3.8	ACi,IL
Brevant	B324EE	E3	M	3.2	Lum, LumT, IL
Brevant	B344EE	E3	PK	3.4	Lum, LumT, IL
Burrus	3472E	E3	M	3.4	BPS-SDS
Burrus	3578E	E3	M	3.5	BPS-SDS
Burrus	3908F	RXF	M	3.9	BPS-SDS
Burrus	4125F	RXF	M	4.1	BPS-SDS
Burrus	4134E	E3	M	4.1	BPS-SDS
Burrus	4353E	E3	M	4.3	BPS-SDS
DONMARIO	DM33E55	E3	M	3.3	CMB-APX,SA
DONMARIO	DM36E94	E3	M	3.6	CMB-APX,SA
DONMARIO	DM38E54	E3	M	3.8	CMB-APX,SA
DONMARIO	DM40F45S	RXF,ST	M	4.0	CMB-APX,SA
Dyna-Gro	S35ES56	E3,ST	M	3.5	PLTM
Dyna-Gro	S38EN75	E3	M	3.8	PLTM
Fortus	3394E	E3	PK	3.3	ACi,SU
Fortus	3456ES	E3,ST	M	3.4	ACi,SU
Fortus	4125ES	E3,ST	M	4.1	ACi,SU
FS HiSOY	HS 34F30	RXF	M	3.4	ACi,SA
FS HiSOY	HS 36F40	RXF	M	3.6	ACi,SA
FS HiSOY	HS 37E40	E3	M	3.7	ACi,SA
FS HiSOY	HS 38E50	E3	M	3.8	ACi,SA
FS HiSOY	HS 39E40	E3,ST	M	3.9	ACi,SA
FS HiSOY	HS 39F50	RXF	M	3.9	ACi,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
FS HiSOY	HS 41F50	RXF,ST	M	4.1	ACi,SA
FS HiSOY	HS 42F50	RXF	M	4.2	ACi,SA
Great Heart	GT-3470ES	E3,ST	M	3.4	Gr+
Great Heart	GT-3734XFS	RXF,ST	M	3.7	Gr+
Great Heart	GT-3771E	E3	M	3.7	Gr+
Great Heart	GT-3968XF	RXF	M	3.9	Gr+
Kitchen	KSC 35E73C	E3	NA	3.0	TRPV
Kitchen	KSC 35E75C	E3	NA	3.5	TRPV
Kitchen	KSC 3625CXF	RXF	M	3.6	TRPV
LG Seeds	LGS3570E3	E3	M	4.3	ASfi,SA
Monier	ME33	E3	PK	3.3	D,Sa
Monier	ME350	E3,ST	M	3.5	D,Sa
Monier	ME354	E3	M	3.5	D,Sa
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL
NuTech	36N06E	E3	M	3.6	Lum, LumT, IL
NuTech	38N05E	E3	M	3.8	Lum, LumT, IL
NuTech	39N08E	E3	PK	3.9	Lum, LumT, IL
NuTech	41N04E	E3	M	4.1	Lum, LumT, IL
NuTech	43N06E	E3	M	4.3	Lum, LumT, IL
NuTech	43N11BE	E3,ST	M	4.3	Lum, LumT, IL
Pioneer	P33Z17E	E3	M	3.3	Lum, LumT, IL
Xitavo	XO 3375E	E3	M	3.3	PV,IL,OB,Rey
Xitavo	XO 3555E	E3	M	3.5	PV,IL,OB,Rey
Xitavo	XO 3705E	E3	M	3.7	PV,IL,OB,Rey
Xitavo	XO 3855E	E3	M	3.8	PV,IL,OB,Rey
Xitavo	XO 4056E	E3	M	4.0	PV,IL,OB,Rey
Xitavo	XO 4255E	E3	M	4.2	PV,IL,OB,Rey

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

---

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

### 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

---

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

---

### Soybeans Seed Treatments\*

---

ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ACi,SU	Acceleron® Standard Insecticide-Fungicide, StepUp
ASfi,SA	AgriShield Max with Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,IL	CruiserMaxx® APX with ILEVO®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
D,Sa	Duo, Saltro
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PLTM	DynaGro PLTM
PU,Sa	Protect Ultra, Saltro
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TRPV	TriKote, Poncho & Votivo (Kitchen Seed)

---

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