

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

2025 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] VIRDEN, IL

Roger Ladage, Macoupin County, IL 62690

All-Season Test	Maturity Group 3.3 - 4.3 S2025ILSC19
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Anthem Maxx, Callisto, Atrazine, Tyrant, Accent, Laudis, Atrazine, Dicamba
SOIL DESCRIPTION:	Herrick silt loam, moderately drained, non-irrigated
SOIL CONDITION:	7.18 pH, 3.89% OM, 15.0 CEC, high P, high K, low S, high B, high Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Anthem Maxx, Authority, Sencor, Flexstar, Clethodim, Anthem Maxx, Classic
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 10 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 8 135.2 /A
PEST & DISEASE RISK:	SCN, SDS, Fusarium, Stem Canker, Red Crown Rot, Anthracnose of Soybean*

TEST COMMENTS:

This location was planted in an extremely nice seedbed. Perfect growing conditions and good rains after planting made for excellent germination and emergence. It was a very nice-looking plot all season long. Late-season rains were missing here, likely shaving off some yield at the top end of some varieties. However, this location did not let down. Due to the different planting date from the surrounding farm, this location did not get a fungicide application. So, there was a touch of stem canker and white mold. Heavy dew and cool temperatures the night before harvest likely helped bump yield a bit on some varieties.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	S35ES56 ↗	E3,ST	3.5	M	90.4	14.6	1	119.0	940	1
NuTech	36N06E ↗	E3	3.6	M	90.1	13.0	1	129.3	937	2
Great Heart	GT-3771E ↗	E3	3.7	M	89.7	14.0	1	139.3	933	3
Asgrow	AG33XF3 GC ↗	RXF	3.3	R	89.4	13.8	1	129.3	930	4
Kitchen	KSC 35E75C GC ↗	E3	3.5	NA	89.3	14.2	1	139.3	929	5
Brevant	B324EE GC ↗	E3	3.2	M	89.3	13.8	1	144.0	929	6
Xitavo	XO 3555E ↗	E3	3.5	M	88.6	13.9	1	136.7	921	7
Great Heart	GT-3470ES ↗	E3,ST	3.4	M	87.7	14.6	1	126.7	912	8
Monier	ME350 ↗	E3,ST	3.5	M	87.6	15.1	2	134.3	911	9
Apex	AE3850 ↗	E3	3.8	M	87.5	13.9	1	134.0	910	10
Xitavo	XO 3855E ↗	E3	3.8	M	87.0	15.2	1	149.3	905	11
Brevant	B344EE GC ↗	E3	3.4	PK	86.6	12.7	1	134.0	901	12
Burrus	3578E ↗	E3	3.5	M	86.6	13.8	1	139.3	901	13
DONMARIO	DM33E55 ↗	E3	3.3	M	86.1	14.1	1	139.0	895	14
Fortus	3456ES ↗	E3,ST	3.4	M	85.9	14.4	1	126.7	893	15
NuTech	38N05E ↗	E3	3.8	M	85.3	14.2	1	152.0	887	16
Kitchen	KSC 3625CXF ↗	RXF	3.6	M	85.3	13.4	1	132.0	887	17
Apex	AE3550S ↗	E3,ST	3.5	M	85.3	14.4	1	131.7	887	18
LG Seeds	LGS3570E3 GC ↗	E3	4.3	M	84.9	14.6	1	134.0	883	19
AgVenture	AV34B2E ↗	E3	3.4	PK	84.8	13.1	1	129.3	882	20
Kitchen	KSC 35E73C ↗	E3	3.0	NA	84.8	14.7	1	139.3	882	21
DONMARIO	DM40F45S ↗	RXF,ST	4.0	M	84.2	15.1	1	134.0	876	22
FS HiSOY	HS 39F50 ↗	RXF	3.9	M	84.0	13.6	1	131.7	874	23
FS HiSOY	HS 38E50 ↗	E3	3.8	M	83.5	13.3	1	136.7	868	24
Monier	ME354 ↗	E3	3.5	M	83.4	14.2	1	134.3	867	25
Burrus	4353E ↗	E3	4.3	M	83.1	15.4	1	131.7	864	26
Xitavo	XO 4056E ↗	E3	4.0	M	82.8	13.1	4	129.3	861	27
AgVenture	AV38A1E ↗	E3	3.8	M	82.8	12.5	1	134.0	861	28
Great Heart	GT-3734XFS ↗	RXF,ST	3.7	M	82.7	15.4	1	134.3	860	29
FS HiSOY	HS 34F30 ↗	RXF	3.4	M	82.6	14.6	2	139.3	859	30

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Averages = **81.2** **14.1** **1** **135.2** **845**

LSD (0.10) = 7.8 0.6 ns

LSD (0.25) = 4.1 0.3 ns

C.V. = 9.1

Historic yield: 59.07 bu/a, 21 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.00

Prices: GMO = \$10.40

Report Date: 10/08/2025

Additional reports available at www.firstseedtests.com

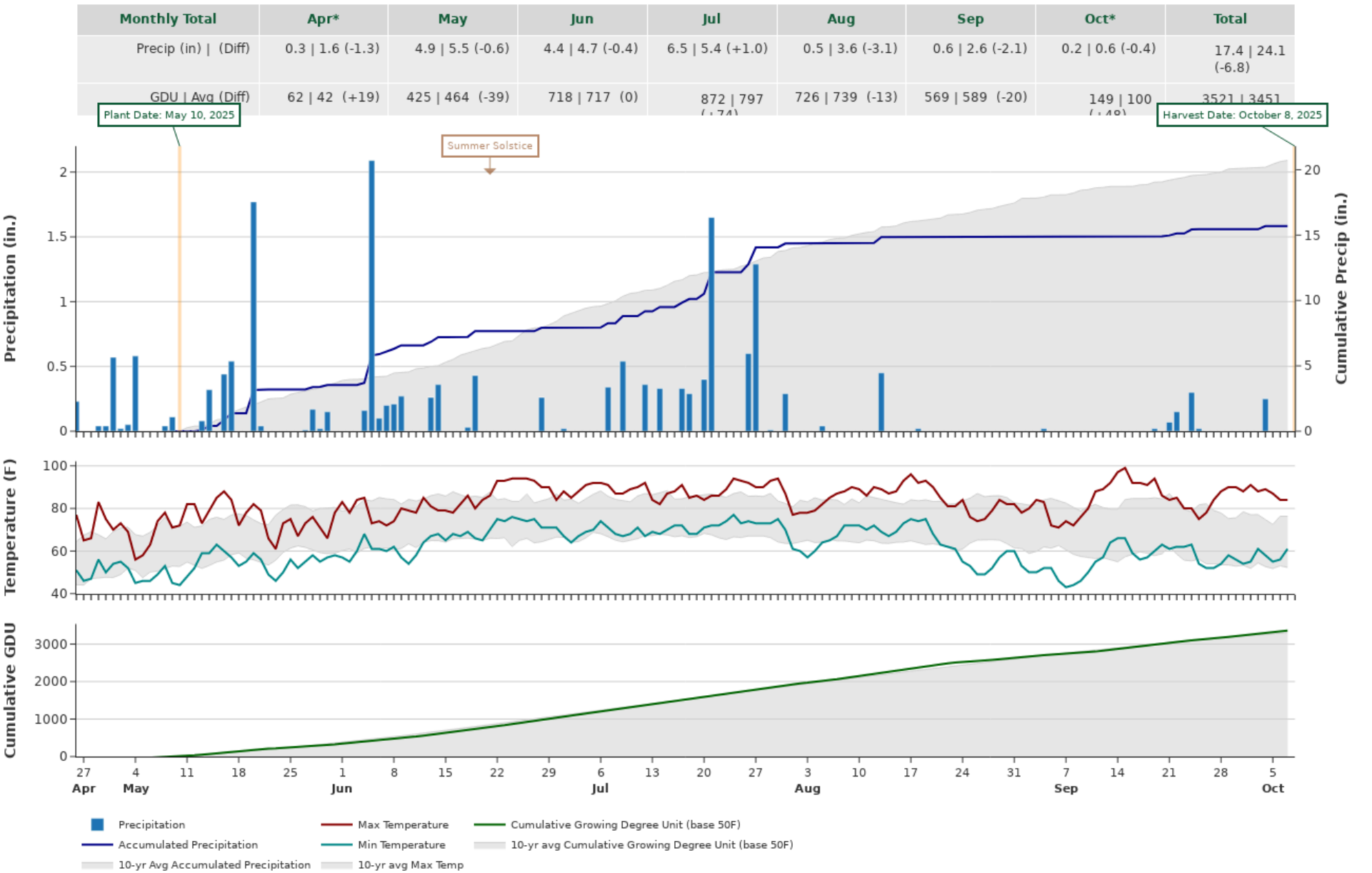
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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2025 Soybeans - Illinois South Central [ILSC]

Weather Conditions Summary at VIRDEN, IL

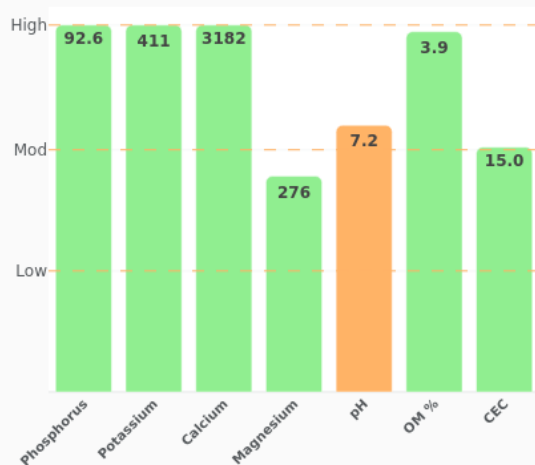
Weather Data Retrieved: 10/08/2025



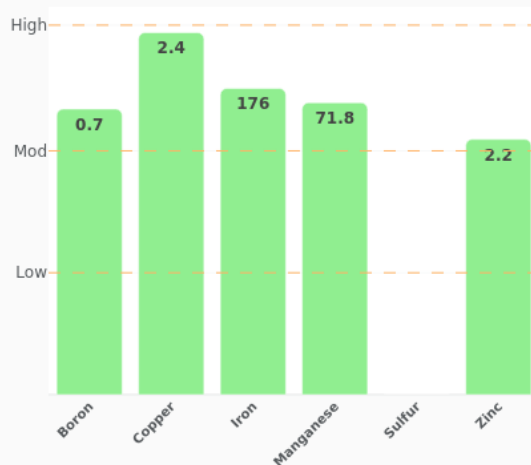
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

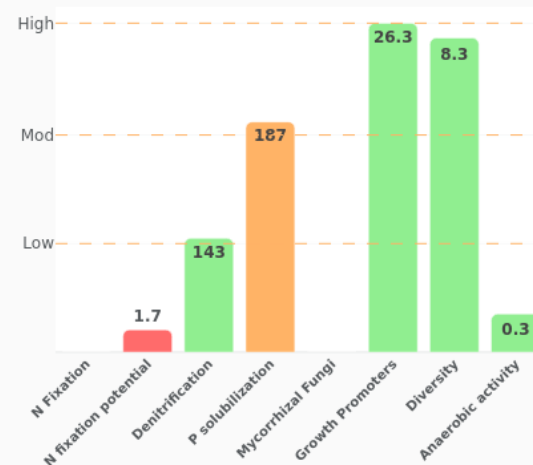
Macronutrients



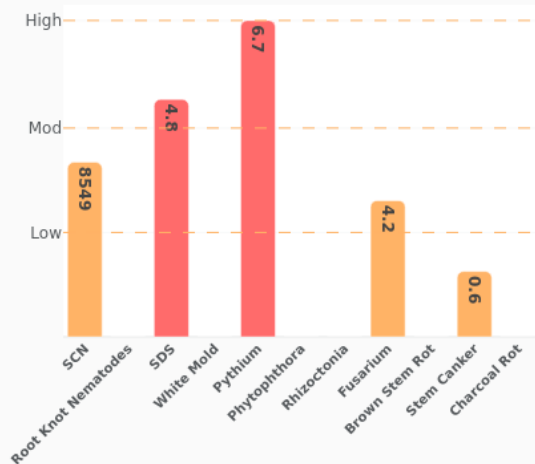
Micronutrients



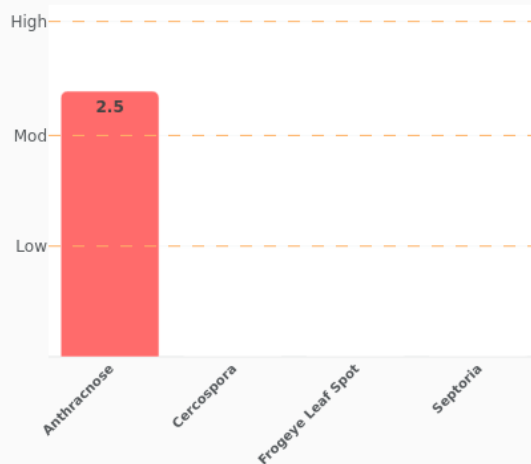
Biofertility Analytics



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.