

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2023 Soybeans Top 30 Harvest Report

Iowa South [IASO] CAMBRIA, IA
Dan Allred, Wayne County, IA 50060

Early-Season Test	Maturity Group 2.5 - 3.0 S2023IASO52a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Ams, Glyphosate, Keystone, Callisto
SOIL DESCRIPTION:	Haig silt loam, moderately drained, non-irrigated
SOIL CONDITION:	high P, high K, 6.0 pH, 3.7% OM, 18.0 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Liberty, Glyphosate, Dual, Clethodim
Applied N-P-K (units):	0-70-99
SEEDED - RATE - ROW:	May 6 /A 15" spacing
HARVESTED - STAND:	Oct 20 143.6 /A

TEST COMMENTS:

The plot was planted in very nice soil conditions and plants emerged and grew fast. Plants stood 34 to 53 inches tall, and lodging occurred throughout the plot due to tall plants. Pods sets were good but spaced apart. There was no weed pressure. The plot did receive rain just before harvest and some pod splits were starting to happen when the plot got fit to harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Genesis	G2960E ↗	E3	2.9	R	79.1	12.0	25	144.0	1006	1
Xitavo	XO 3014E ↗	E3,ST	3.0	R	76.2	11.9	41	144.0	969	3
Genesis	G2780E ↗	E3	2.7	R	76.0	12.7	12	144.0	967	4
NuTech	29N02E ↗	E3	2.9	R	75.7	11.9	37	144.0	963	5
Mustang	29E224 GC ↗	E3	2.9	R	75.4	12.6	16	144.0	959	6
Brevant	B283EE § ↗	E3	2.8	R	75.0	11.9	23	144.0	954	7
Genesis	G2550E ↗	E3	2.5	R	74.7	11.5	26	141.3	950	8
FS HiSOY	HS 26E20 ↗	E3	2.6	R	74.2	12.0	16	144.0	944	9
Stine	28EG29 § ↗	E3	2.8	R	74.2	12.4	37	141.3	944	10
Asgrow	AG27XF3 § ↗	RXF	2.7	R	73.6	12.0	37	144.0	936	11
FS HiSOY	HS 27E30 ↗	E3	2.7	R	72.7	12.0	13	144.0	925	12
NuTech	29N04E ↗	E3	2.9	R	72.6	11.8	24	144.0	923	13
Hoegemeyer	2834 E ↗	E3	2.8	R	72.1	11.8	27	144.0	917	14
Apex	AE2940S ↗	E3,ST	2.9	R	72.0	11.9	30	144.0	916	15
Golden Harvest	GH2884XF § ↗	RXF	2.8	MR	72.0	12.5	25	144.0	916	16
Xitavo	XO 2832E ↗	E3	2.8	R	71.6	12.3	15	144.0	911	17
NK Brand	NK30-B2E3 § ↗	E3	3.0	R	70.7	11.7	51	141.3	899	18
Asgrow	AG30XF4 § ↗	RXF	3.0	R	69.6	11.3	14	144.0	885	19
NuTech	27N06E ↗	E3	2.7	R	69.6	11.5	15	144.0	885	20
Titan Pro	TP 25E22 ↗	E3	2.5	R	68.8	11.8	26	144.0	875	21
Brevant	B263EE § ↗	E3	2.6	R	67.8	12.2	33	144.0	862	22
NK Brand	NK29-Z4E3 ↗	E3	2.9	R	67.8	11.6	17	144.0	862	23
Kruger	K2604XF ↗	RXF	2.6	R	67.5	12.2	15	144.0	859	24
LG Seeds	LGS2505E3 GC ↗	E3	2.5	NA	67.2	12.1	23	144.0	855	25
Xitavo	XO 2613E ↗	E3	2.6	R	67.1	11.9	6	144.0	854	26
FS HiSOY	HS 25E30 ↗	E3	2.5	R	66.9	11.7	32	141.3	851	27
Golden Harvest	GH3043E3 ↗	E3	3.0	R	66.7	12.0	46	144.0	848	28
Xitavo	XO 2963E ↗	E3	2.9	R	65.3	12.6	19	144.0	831	29
Pioneer	P25A16E § ↗	E3	2.5	R	65.2	11.6	6	144.0	829	30
Hoegemeyer	2724 E ↗	E3	2.7	R	64.6	11.5	11	141.3	822	31
PIONEER	P30A75E CK	E3	3.0	MR	76.8	11.6	13	144.0	977	2
					Averages =	70.2	12.0	23	143.6	893
					LSD (0.10) =	3.7	0.5	14		
					LSD (0.25) =	2.0	0.3	8		
					C.V. =	5.1				
									Historic yield: 59.11 bu/a, 5 yr(s)	



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$12.72

Report Date: 10/21/2023

† 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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PEST MANAGEMENT:	Liberty, Glyphosate, Dual, Clethodim
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SEEDED - RATE - ROW:	May 6 /A 15" spacing
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Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Genesis	G3171ES ↗	E3,ST	3.1	R	86.6	11.8	10	144.0	1102	1
P3 Genetics	2331E ↗	E3	3.1	R	84.6	11.9	10	144.0	1076	2
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	82.2	11.6	11	144.0	1046	3
Renk	RS353NXF ↗	RXF	3.5	R	79.0	11.7	14	144.0	1005	4
Hoegemeyer	3134 E ↗	E3	3.1	R	76.7	11.4	10	141.3	976	6
Xitavo	XO 3224E ↗	E3	3.2	R	76.6	11.8	7	144.0	974	7
Apex	AE3131S ↗	E3,ST	3.1	R	76.2	11.9	14	144.0	969	8
NK Brand	S35-E3 § ↗	E3	3.5	R	76.1	12.3	12	144.0	968	9
Genesis	G3460E ↗	E3	3.4	R	75.8	11.9	22	144.0	964	10
FS HiSOY	HS 34F30 ↗	RXF	3.4	R	75.3	11.8	7	144.0	958	11
Apex	AE3340 ↗	E3	3.3	R	75.1	11.8	6	144.0	955	12
ProHarvest	32F26 ↗	RXF	3.2	R	75.0	11.5	4	144.0	954	13
P3 Genetics	2433E ↗	E3	3.4	R	74.9	11.9	14	144.0	953	14
NuTech	33N04E ↗	E3	3.3	R	74.6	11.4	11	141.3	949	15
FS HiSOY	HS 32E30 ↗	E3	3.2	R	74.5	12.2	18	144.0	948	16
Xitavo	XO 3131E ↗	E3	3.1	R	74.0	11.6	27	144.0	941	17
NK Brand	NK36-H9E3S ↗	E3,ST	3.6	R	74.0	11.3	16	141.3	941	18
Stine	36PD92 § ↗	RXF	3.6	R	73.6	12.0	19	141.3	936	19
Xitavo	XO 3651E ↗	E3	3.6	R	73.5	11.9	18	144.0	935	20
Hoegemeyer	3544 E ↗	E3	3.5	R	73.0	11.3	3	144.0	929	21
Golden Harvest	GH3693E3S ↗	E3,ST	3.6	R	72.9	11.4	7	144.0	927	22
Golden Harvest	GH3373E3S § ↗	E3,ST	3.3	R	72.5	12.3	5	144.0	922	23
FS HiSOY	HS 35F20 ↗	RXF	3.5	R	72.2	11.7	26	144.0	918	24
Xitavo	XO 3483E ↗	E3	3.4	MR	72.1	11.9	6	144.0	917	25
Kruger	K3593XF ↗	RXF	3.5	R	72.0	11.6	14	144.0	916	26
Kruger	K3305XF ↗	RXF	3.3	R	71.9	11.6	6	144.0	915	27
Stine	35EG29 § ↗	E3	3.5	R	71.9	11.6	6	141.3	915	28
Stine	33FD32 § ↗	RXF	3.5	R	71.0	11.5	7	144.0	903	29
NuTech	31N07E ↗	E3	3.1	R	71.0	12.6	3	144.0	903	30
Asgrow	AG33XF3 § ↗	RXF	3.3	R	70.7	12.0	15	144.0	899	31
PIONEER	P30A75E CK	E3	3.0	MR	78.8	11.4	11	144.0	1002	5
					Averages =	74.3	11.8	12	143.6	945
					LSD (0.10) =	3.5	ns	9		
					LSD (0.25) =	1.8	ns	5		
					C.V. =	4.5				
								Historic yield: 59.11 bu/a, 5 yr(s)		



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Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$12.72

Report Date: 10/21/2023

† 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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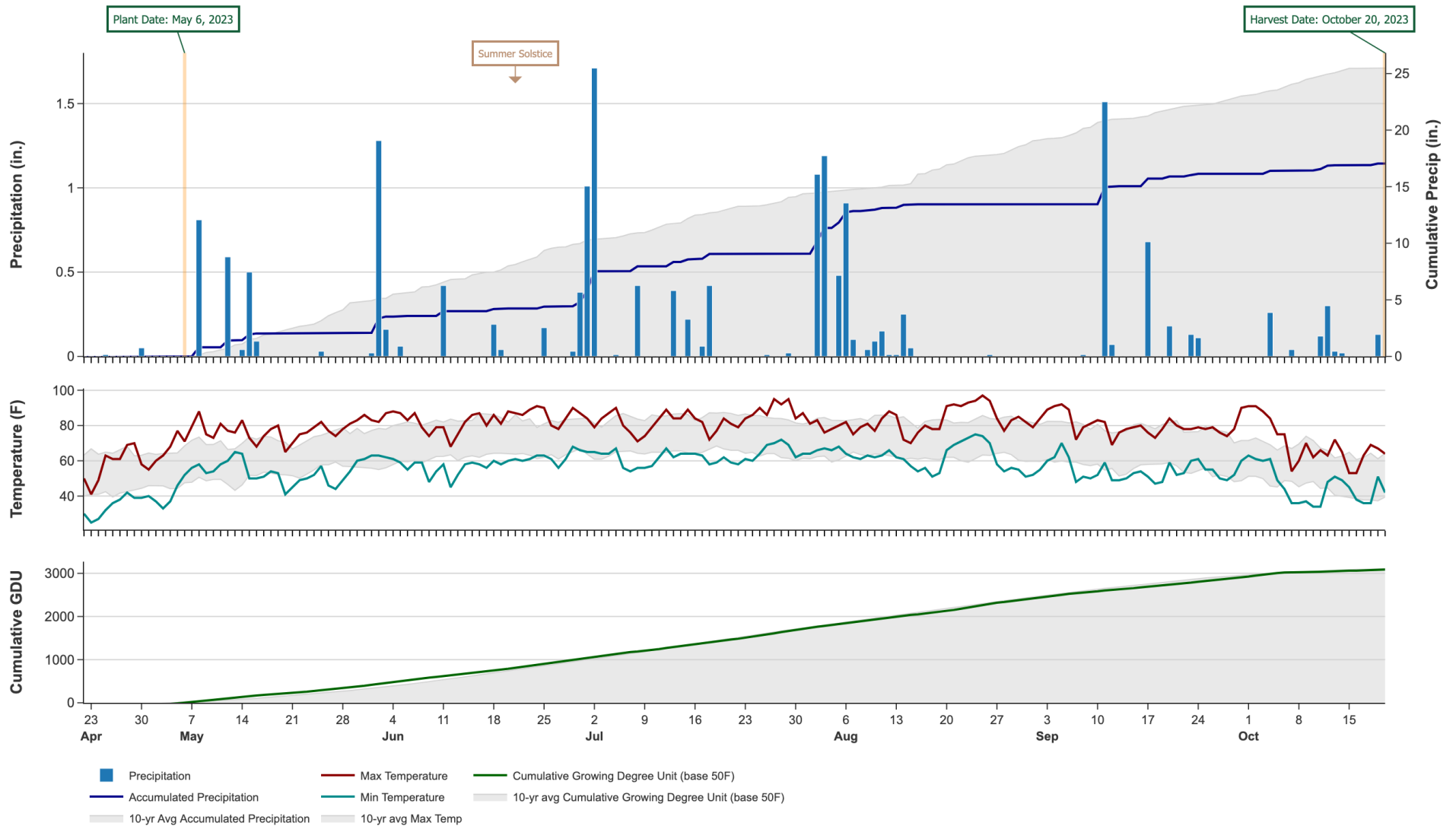
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2023 Soybeans - Iowa South [IASO]

Weather Conditions Summary at CAMBRIA, IA

Weather Data Retrieved: 10/21/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.1 1.2 (-1.1)	2.1 5.6 (-3.5)	2.8 5.1 (-2.3)	4.3 4.4 (-0.1)	4.4 4.3 (0.0)	2.7 4.3 (-1.6)	0.9 2.5 (-1.6)	17.1 27.4 (-10.3)
GDU Avg (Diff)	25 66 (-41)	428 361 (+66)	626 658 (-32)	694 754 (-60)	676 703 (-27)	510 521 (-11)	188 152 (+35)	3147 3218 (-71)



* 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.

2023 Soybeans - Iowa South [IASO]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2940S	E3,ST	R	2.9	PU
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Brevant	B263EE §	E3	R	2.6	Lum,Lu,Lud,IL
Brevant	B283EE §	E3	R	2.8	Lum,Lu,Lud,IL
FS HiSOY	HS 25E30	E3	R	2.5	ACi,SA
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA
FS HiSOY	HS 27E30	E3	R	2.7	ACi,SA
FS HiSOY	HS 28F30	RXF	R	2.8	ACi,SA
Genesis	G2550E	E3	R	2.5	EcQ,NF,NH,SA
Genesis	G2780E	E3	R	2.7	EcQ,NF,NH,SA
Genesis	G2960E	E3	R	2.9	EcQ,NF,NH,SA
Golden Harvest	GH2884XF §	RXF	MR	2.8	CMB-APX,SA
Golden Harvest	GH3043E3	E3	R	3.0	CMB-APX,SA
Hoegemeyer	2724 E	E3	R	2.7	Lum,Lu,IL
Hoegemeyer	2834 E	E3	R	2.8	Lum,Lu,IL
Kruger	K2604XF	RXF	R	2.6	ACi,IL
Kruger	K2816XF	RXF	R	2.8	ACi,IL
Kruger	K3003XF	RXF	R	3.0	ACi,IL
LG Seeds	LGS2505E3 GC	E3	NA	2.5	ASfi,SA
Mustang	29E224 GC	E3	R	2.9	Treated
NK Brand	NK29-Z4E3	E3	R	2.9	CMB-APX,SA
NK Brand	NK30-B2E3 §	E3	R	3.0	CMB-APX,SA
NuTech	27N03E	E3	R	2.7	Lum,Lu,IL
NuTech	27N06E	E3	R	2.7	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	29N04E	E3	R	2.9	Lum,Lu,IL
Pioneer	P25A16E §	E3	R	2.5	NA
Pioneer	P28A65E §	E3	R	2.8	NA
Pioneer	P30A75E CK	E3	MR	3.0	Lum, LumT, IL
Stine	28EG29 §	E3	R	2.8	ACi
Titan Pro	TP 25E22	E3	R	2.5	SA,A,R,TU
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
Xitavo	XO 3014E	E3,ST	R	3.0	PV,IL,OB,Rey

2023 Soybeans - Iowa South [IASO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE3131S	E3,ST	R	3.1	PU
Apex	AE3340	E3	R	3.3	PU
Apex	AE3541	E3	R	3.5	PU
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG35XF1 §	RXF	R	3.5	ACi,IL
FS HiSOY	HS 31E20	E3,ST	R	3.1	ACi,SA
FS HiSOY	HS 32E30	E3	R	3.2	ACi,SA
FS HiSOY	HS 34F30	RXF	R	3.4	ACi,SA
FS HiSOY	HS 35F20	RXF	R	3.5	ACi,SA
Genesis	G3171ES	E3,ST	R	3.1	EcQ,NF,NH,SA
Genesis	G3460E	E3	R	3.4	EcQ,NF,NH,SA
Golden Harvest	GH3373E3S §	E3,ST	R	3.3	CMB-APX,SA
Golden Harvest	GH3693E3S	E3,ST	R	3.6	CMB-APX,SA
Hoegemeyer	3134 E	E3	R	3.1	Lum,Lu,IL
Hoegemeyer	3544 E	E3	R	3.5	Lum, LumT, IL
Kruger	K3214XF	RXF	R	3.2	ACi,IL
Kruger	K3305XF	RXF	R	3.3	ACi,IL
Kruger	K3593XF	RXF	R	3.5	ACi,IL
NK Brand	NK36-H9E3S	E3,ST	R	3.6	CMB-APX,SA
NK Brand	S35-E3 §	E3	R	3.5	CMB-APX,SA
NuTech	31N07E	E3	R	3.1	Lum,Lu,IL
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,Lud,IL
P3 Genetics	2331E	E3	R	3.1	PG+
P3 Genetics	2433E	E3	R	3.4	PG+
Pioneer	P30A75E CK	E3	MR	3.0	Lum, LumT, IL
ProHarvest	32F26	RXF	R	3.2	PU
Renk	RS353NXF	RXF	R	3.5	Treated
Stine	33FD32 §	RXF	R	3.5	ACi
Stine	35EG29 §	E3	R	3.5	ACi
Stine	36PD92 §	RXF	R	3.6	ACi
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	R	3.2	PV,IL,OB,Rey
Xitavo	XO 3483E	E3	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB,Rey

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.
§	United Soybean Board sponsored entry

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ASfi,SA	AgriShield Max with Saltro®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
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®
SA,A,R,TU	Saltro, AllegianceFL, Redigo480, TriUp
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.