

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

2022 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] VICTOR, IA
Dan DeRycke, Poweshiek County, IA 52347

Early-Season Test	Maturity Group 2.3 - 2.7 S2022IASC43a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Atrazine
SOIL DESCRIPTION:	Muscatine sandy clay loam, well drained, non-irrigated
SOIL CONDITION:	high P, low K, 6.9 pH, 2.7% OM, 15.3 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Boundary, 2-4-D, Liberty, Round Up, Fusillade, Triva Pro, Warrior li
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 15 140.0 /A 15" spacing
HARVESTED - STAND:	Oct 9 132.4 /A

TEST COMMENTS:

This location was on bottom ground and held moisture to help make it through the drought conditions. Plants stood 35 to 47 inches and had good pod sets. Seed size was good. Plants matured well which made harvest easy. There was no weed pressure. Dan stated that just a few miles away yields could vary a lot. Just small showers would pop up and not cover a large area.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH2292E3 ↗	E3	2.2	MR	89.7	12.8	7	133.0	1177	1
Xitavo	XO 2501E ↗	E3	2.5	R	89.3	12.0	7	133.0	1172	2
Titan Pro	TP 25E22 ↗	E3	2.5	R	89.0	10.4	2	133.0	1168	3
Asgrow	AG27XF3 § ↗	RXF	2.7	R	88.8	11.9	9	133.0	1165	4
Stine	26EF23 § ↗	E3	2.6	R	88.1	12.0	12	133.0	1156	5
Golden Harvest	GH2653XF § ↗	RXF	2.6	R	88.0	13.0	7	133.0	1155	6
Kruger	K2793XF ↗	RXF	2.7	R	87.9	10.6	3	133.0	1152	7
Hoegemeyer	2763 E ↗	E3	2.7	R	87.7	10.8	2	130.7	1151	8
Xitavo	XO 2323E ↗	E3	2.3	R	87.5	10.0	1	133.0	1148	9
Cornelius	CB25XF99 ↗	RXF	2.5	R	87.2	10.9	4	133.0	1144	10
NuTech	26N06E ↗	E3	2.6	R	86.5	11.1	3	133.0	1135	11
NK Brand	NK25-C9XF § ↗	RXF	2.5	MR	86.3	11.6	6	133.0	1132	12
Hoegemeyer	2553 E ↗	E3	2.5	R	85.9	10.5	2	133.0	1127	13
P3 Genetics	2326E ↗	E3	2.6	R	85.9	11.6	2	133.0	1127	14
FS HiSOY	HS 23F10 ↗	RXF	2.3	R	85.5	10.3	2	130.7	1122	15
NuTech	25N04E ↗	E3	2.5	R	85.4	13.2	5	133.0	1120	16
Pioneer	P24T35E § ↗	E3	2.4	R	85.1	11.1	6	133.0	1117	17
Asgrow	AG26XF3 § ↗	RXF	2.6	R	85.0	11.5	2	133.0	1115	18
FS HiSOY	HS 24F00 ↗	RXF,ST	2.4	R	84.2	14.2	10	129.7	1101	19
Xitavo	XO 2472E ↗	E3,ST	2.4	R	84.0	16.7	11	133.0	1090	23
Latham	L 2379 E3 ↗	E3	2.3	R	83.8	11.4	4	133.0	1099	20
Latham	L 2458 E3 ↗	E3	2.4	R	83.4	10.0	5	133.0	1094	21
Brevant	B252EE § ↗	E3	2.5	R	83.2	11.8	2	133.0	1092	22
Stine	26EC32 § ↗	E3	2.6	R	83.0	10.6	2	130.7	1089	24
FS HiSOY	HS 27E10 ↗	E3	2.7	R	82.8	13.0	6	133.0	1086	25
Latham	L 2494 XF ↗	RXF	2.4	R	82.5	10.6	2	133.0	1082	26
NuTech	27N03E ↗	E3	2.7	R	81.7	10.5	7	133.0	1072	27
Xitavo	XO 2613E ↗	E3	2.6	R	81.3	13.3	8	133.0	1066	29
Latham	L 2786 XF ↗	RXF	2.7	R	81.2	10.5	2	133.0	1065	30
Kruger	K2604XF ↗	RXF	2.6	R	80.7	9.7	1	125.0	1059	31
PIONEER	P26T57E CK	E3	2.6	R	81.3	10.8	3	133.0	1067	28
					Averages =	84.2	11.6	5	132.4	1106
					LSD (0.10) =	4.5	ns	ns		
					LSD (0.25) =	2.4	ns	ns		
					C.V. =	5.1	Historic yield: 71.37 bu/a, 10 yr(s)			



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$13.12

Report Date: 10/09/2022

† 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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PEST MANAGEMENT:	Boundary, 2-4-D, Liberty, Round Up, Fusillade, Triva Pro, Warrior li
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 15 140.0 /A 15" spacing
HARVESTED - STAND:	Oct 9 132.4 /A

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Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
P3 Genetics	2331E ↗	E3	3.1	R	92.1	13.2	4	133.0	1206	1
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	91.8	11.1	6	133.0	1204	2
Genesis	G2960E ↗	E3	2.9	R	91.2	11.0	5	133.0	1197	3
Xitavo	XO 3131E ↗	E3	3.1	R	91.0	15.1	11	133.0	1186	4
Golden Harvest	GH2922E3 ↗	E3	2.9	R	90.0	10.6	4	133.0	1181	5
Asgrow	AG32XF2 § ↗	RXF	3.2	R	89.4	10.8	3	133.0	1173	6
ProHarvest	32F26 ↗	RXF	3.2	R	88.9	11.8	2	129.7	1166	7
NK Brand	NK30-B2E3 § ↗	E3	3.0	R	88.9	10.0	2	133.0	1166	8
FS HiSOY	HS 32F10 ↗	RXF	3.2	R	87.3	12.7	10	133.0	1145	9
Xitavo	XO 2963E ↗	E3	2.9	R	87.1	11.9	2	133.0	1143	10
Pioneer	P30T99E § ↗	E3	3.0	R	87.1	13.5	6	133.0	1141	11
NuTech	30N05E ↗	E3	3.0	R	87.0	11.4	3	133.0	1141	12
Pioneer	P28T02E § ↗	E3	2.8	R	86.9	9.8	3	133.0	1140	13
FS HiSOY	HS 28E10 ↗	E3	2.8	R	86.1	11.4	10	133.0	1130	14
NK Brand	NK29-Z4E3 ↗	E3	2.9	R	84.5	10.5	1	133.0	1109	15
Latham	L 3086 XF ↗	RXF	3.0	R	84.4	12.1	4	133.0	1107	16
NuTech	31N06E ↗	E3	3.1	R	84.0	10.3	2	130.7	1102	17
P3 Genetics	2229E ↗	E3	2.9	R	84.0	10.6	5	130.7	1102	18
Kruger	K3003XF ↗	RXF	3.0	R	83.7	15.1	11	133.0	1091	22
Golden Harvest	GH3023XF § ↗	RXF	3.0	R	83.6	11.4	6	133.0	1097	19
Cornelius	CB31XF42 ↗	RXF	3.1	R	83.4	11.3	2	133.0	1094	20
Apex	AE2920 ↗	E3	2.9	R	83.4	12.1	10	133.0	1094	21
Latham	L 3123 E3 ↗	E3	3.1	R	83.3	14.2	7	133.0	1089	24
Cornelius	CB29XF35 ↗	RXF	2.9	S	83.1	10.6	2	133.0	1090	23
Asgrow	AG28XF3 § ↗	RXF	2.8	R	82.8	10.7	7	133.0	1086	25
Kruger	K3214XF ↗	RXF	3.2	R	82.6	14.3	12	133.0	1080	29
Xitavo	XO 2921E ↗	E3	2.9	R	82.5	12.0	3	129.7	1082	26
Kruger	K3103XF ↗	RXF	3.1	R	82.4	11.2	9	133.0	1081	27
NuTech	29N02E ↗	E3	2.9	R	82.4	12.0	6	133.0	1081	28
FS HiSOY	HS 29F10 ↗	RXF	2.9	R	80.9	12.8	6	133.0	1061	30
PIONEER	P26T57E CK	E3	2.6	R	80.7	10.2	2	133.0	1059	31
					Averages =	84.7	11.7	5	132.4	1110
					LSD (0.10) =	5.0	ns	ns		
					LSD (0.25) =	2.6	ns	ns		
					C.V. =	5.6	Historic yield: 71.37 bu/a, 10 yr(s)			



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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$13.12

Report Date: 10/09/2022

† 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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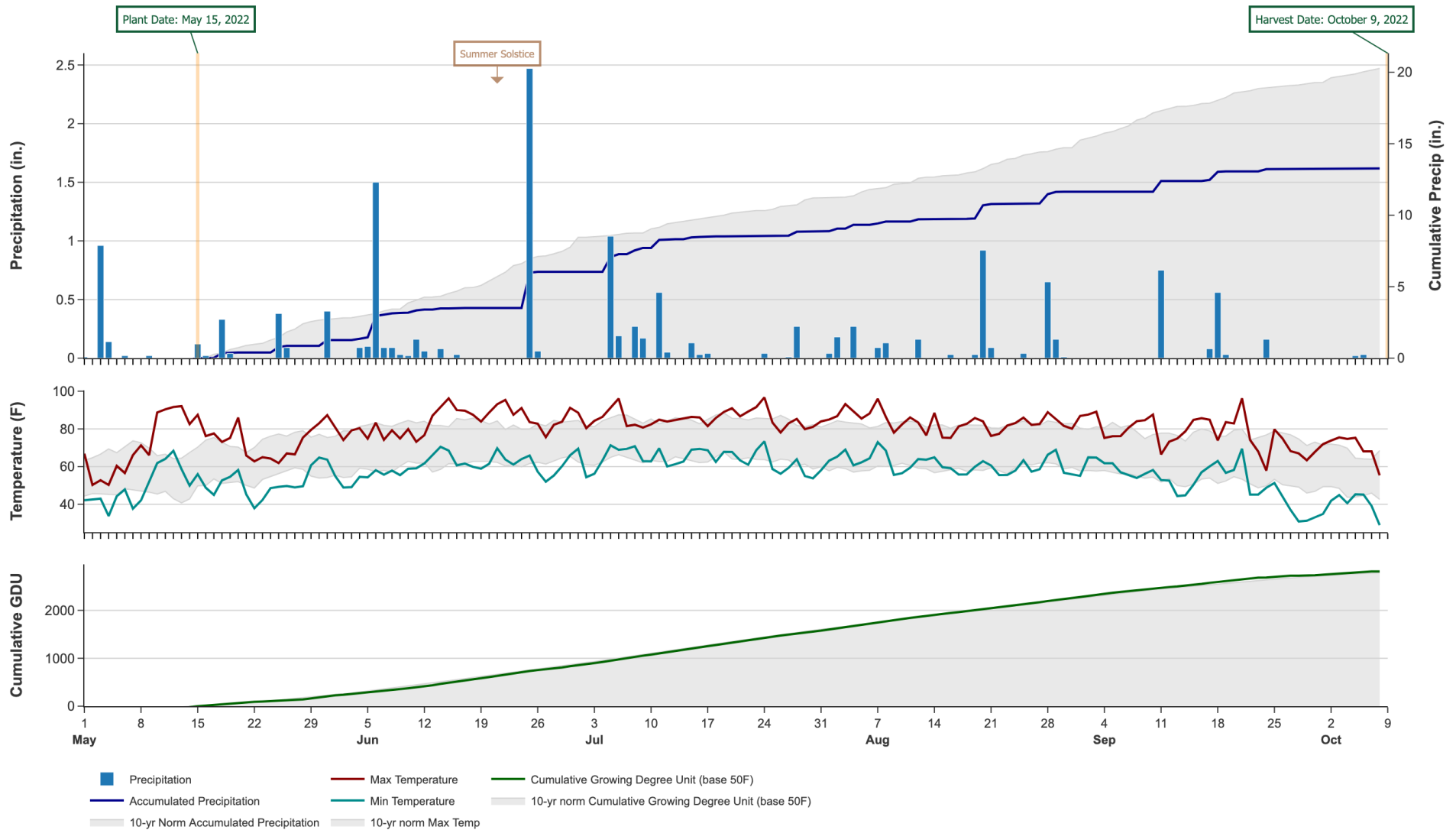
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2022 Soybeans - Iowa South Central [IASC]

Weather Conditions Summary at VICTOR, IA

Weather Data Retrieved: 10/09/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	2.5 4.5 (-2.0)	4.8 5.0 (-0.3)	2.8 3.5 (-0.7)	2.8 3.5 (-0.7)	1.6 4.5 (-3.0)	0.1 1.0 (-0.9)	14.5 22.1 (-7.6)
GDU Normal (Diff)	391 359 (+31)	624 640 (-16)	742 736 (+5)	683 646 (+36)	474 462 (+11)	79 72 (+6)	2993 2919 (+73)



* 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 - Iowa South Central [IASC]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG26XF3 §	RXF	R	2.6	ACi,IL
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Brevant	B252EE §	E3	R	2.5	Lum,Lu,IL
Cornelius	CB25XF99	RXF	R	2.5	PG+
Cornelius	CB27XF34	RXF	R	2.7	PG+
FS HiSOY	HS 23F10	RXF	R	2.3	ACi,SA,B-200
FS HiSOY	HS 24F00	RXF,ST	R	2.4	ACi,SA,B-200
FS HiSOY	HS 27E10	E3	R	2.7	ACi,SA,B-200
FS HiSOY	HS 27F20	RXF	R	2.7	ACi,SA,B-200
Golden Harvest	GH2292E3	E3	MR	2.2	CMBV,SA
Golden Harvest	GH2653XF §	RXF	R	2.6	CMBV,SA
Hoegemeyer	2553 E	E3	R	2.5	Lum,Lu,IL
Hoegemeyer	2763 E	E3	R	2.7	Lum,Lu,IL
Kruger	K2594XF	RXF	R	2.5	ACi,IL
Kruger	K2604XF	RXF	R	2.6	ACi,IL
Kruger	K2793XF	RXF	R	2.7	ACi,IL
Latham	L 2379 E3	E3	R	2.3	SS+,SA
Latham	L 2458 E3	E3	R	2.4	SS+,SA
Latham	L 2494 XF	RXF	R	2.4	SS+,SA
Latham	L 2786 XF	RXF	R	2.7	SS+,SA
NK Brand	NK25-C9XF §	RXF	MR	2.5	CMBV,SA
NK Brand	NK27-A7XF	RXF	MR	2.7	CMBV,SA
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
P3 Genetics	2326E	E3	R	2.6	PG+
Pioneer	P24T35E §	E3	R	2.4	Lum,Lu
Pioneer	P26T57E CK	E3	R	2.6	Lum,Lu
Stine	26EC32 §	E3	R	2.6	SFI
Stine	26EF23 §	E3	R	2.6	SFI
Titan Pro	TP 25E22	E3	R	2.5	SA,A,R,G
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

2022 Soybeans - Iowa South Central [IASC]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2920	E3	R	2.9	PU
Asgrow	AG28XF3 §	RXF	R	2.8	ACi,IL
Asgrow	AG32XF2 §	RXF	R	3.2	ACi,IL
Cornelius	CB29XF35	RXF	S	2.9	PG+
Cornelius	CB31XF42	RXF	R	3.1	PG+
FS HiSOY	HS 28E10	E3	R	2.8	ACi,SA,B-200
FS HiSOY	HS 29F10	RXF	R	2.9	ACi,SA,B-200
FS HiSOY	HS 31E20	E3,ST	R	3.1	ACi,SA,B-200
FS HiSOY	HS 32F10	RXF	R	3.2	ACi,SA,B-200
Genesis	G2960E	E3	R	2.9	EcTC,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Golden Harvest	GH3023XF §	RXF	R	3.0	CMBV,SA
Kruger	K2816XF	RXF	R	2.8	ACi,IL
Kruger	K3003XF	RXF	R	3.0	ACi,IL
Kruger	K3103XF	RXF	R	3.1	ACi,IL
Kruger	K3214XF	RXF	R	3.2	ACi,IL
Latham	L 2894 E3	E3	R	2.8	SS+,SA
Latham	L 3086 XF	RXF	R	3.0	SS+,SA
Latham	L 3123 E3	E3	R	3.1	SS+,SA
NK Brand	NK29-Z4E3	E3	R	2.9	CMBV,SA
NK Brand	NK30-B2E3 §	E3	R	3.0	CMBV,SA
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	30N05E	E3	R	3.0	Lum,Lu,IL
NuTech	31N06E	E3	R	3.1	Lum,Lu,IL
P3 Genetics	2229E	E3	R	2.9	PG+
P3 Genetics	2331E	E3	R	3.1	PG+
Pioneer	P26T57E CK	E3	R	2.6	Lum,Lu
Pioneer	P28T02E §	E3	R	2.8	Lum,Lu
Pioneer	P30T99E §	E3	R	3.0	Lum,Lu
ProHarvest	32F26	RXF	R	3.2	PU
Stine	31EF23 §	E3	R	3.1	SFI
Stine	32EE21 §	E3	R	3.2	SFI
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 2963E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 3131E	E3	R	3.1	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	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Salstro®, B-200 SAT
CMBV,SA	Cruisermass® Beans, Vibrance®, Salstro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salstro®
Lum,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA,A,R,G	Salstro, Allegiance FL, Redigo 480, Gaucho 600
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Salstro®

* Seed treatments may include unspecified plant health promoting components.