

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

2022 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] CENTRAL CITY, IA

Jim Greif, Linn County, IA 52310

Early-Season Test	Maturity Group 2.3 - 2.7 S2022IASC41a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Armezon, Status, Atrazine
SOIL DESCRIPTION:	Clyde - Floyd silty clay loam, mod. poorly drained, non- irrigated
SOIL CONDITION:	high P, very high K, 5.6 pH, 4.3% OM, 22.2 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Anthem Maxx, Liberty, Volunteer, Priaxor, Prince li
Applied N-P-K (units):	0-0-250
SEDED - RATE - ROW:	May 14 140.0 /A 15" spacing
HARVESTED - STAND:	Oct 9 132.8 /A

TEST COMMENTS:

Planting went very smooth and plants started off well and emerged and grew fast. Plants stood 35 to 50 inches tall which caused major lodging issues. Pod sets were widely spaced. There was no weed pressure. Harvest was at a slow pace. Plants were matured with large seed sizes. Considering the dry conditions, the plot performed well.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	25N04E ↗	E3	2.5	R	80.3	12.7	31	133.0	1054	1
Kruger	K2604XF ↗	RXF	2.6	R	78.1	12.7	39	133.0	1025	2
Cornelius	CB27XF34 ↗	RXF	2.7	R	76.8	11.0	15	133.0	1008	3
Asgrow	AG27XF3 § ↗	RXF	2.7	R	76.7	12.0	45	131.7	1006	4
Xitavo	XO 2613E ↗	E3	2.6	R	76.5	12.0	52	131.7	1004	5
Hoegemeyer	2763 E ↗	E3	2.7	R	76.0	12.6	64	131.0	997	6
Kruger	K2793XF ↗	RXF	2.7	R	73.4	10.8	13	133.0	963	7
Titan Pro	TP 25E22 ↗	E3	2.5	R	73.3	13.4	29	133.0	961	8
FS HiSOY	HS 27F20 ↗	RXF	2.7	R	72.5	11.3	31	133.0	951	9
Hoegemeyer	2553 E ↗	E3	2.5	R	71.5	12.1	31	133.0	938	10
NK Brand	NK25-C9XF § ↗	RXF	2.5	MR	71.1	13.7	60	133.0	931	12
FS HiSOY	HS 27E10 ↗	E3	2.7	R	71.0	10.6	35	133.0	932	11
Latham	L 2786 XF ↗	RXF	2.7	R	70.4	11.3	26	133.0	924	13
Latham	L 2379 E3 ↗	E3	2.3	R	70.0	12.3	9	133.0	918	14
Stine	26EC32 § ↗	E3	2.6	R	69.1	10.4	25	133.0	907	15
Golden Harvest	GH2292E3 ↗	E3	2.2	MR	69.1	16.3	50	133.0	897	17
Asgrow	AG26XF3 § ↗	RXF	2.6	R	68.9	10.8	17	133.0	904	16
FS HiSOY	HS 24F00 ↗	RXF,ST	2.4	R	68.4	10.6	57	133.0	897	18
NuTech	26N06E ↗	E3	2.6	R	68.1	12.4	62	133.0	893	19
NuTech	24N04E ↗	E3	2.4	R	68.0	12.1	35	133.0	892	20
Kruger	K2594XF ↗	RXF	2.5	R	67.9	12.2	19	130.7	891	21
Brevant	B252EE § ↗	E3	2.5	R	67.3	11.8	31	133.0	883	22
Xitavo	XO 2472E ↗	E3,ST	2.4	R	66.4	12.7	55	133.0	871	23
P3 Genetics	2326E ↗	E3	2.6	R	65.5	10.8	66	133.0	859	24
FS HiSOY	HS 23F10 ↗	RXF	2.3	R	65.4	11.1	28	133.0	858	25
Cornelius	CB25XF99 ↗	RXF	2.5	R	64.2	10.6	34	133.0	842	26
Xitavo	XO 2323E ↗	E3	2.3	R	63.8	9.7	46	133.0	837	27
Pioneer	P24T35E § ↗	E3	2.4	R	63.1	10.4	34	133.0	828	28
Golden Harvest	GH2653XF § ↗	RXF	2.6	R	60.8	12.0	62	133.0	798	30
Xitavo	XO 2501E ↗	E3	2.5	R	60.6	11.3	75	133.0	795	31
PIONEER	P26T57E CK	E3	2.6	R	61.6	11.6	60	133.0	808	29



Randy Meinsma

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Averages = **68.1** **11.9** **42** **132.8** **890**

LSD (0.10) = 7.2 ns ns

LSD (0.25) = 3.7 ns ns

C.V. = 9.9

Historic yield: 59.71 bu/a, 7 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.04 Prices: GMO = \$13.12

Report Date: 10/11/2022

† 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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Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
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HARVESTED - STAND:	Oct 9 132.5 /A

TEST COMMENTS:

Planting went very smooth and plants started off well and emerged and grew fast. Plants stood 35 to 50 inches tall which caused major lodging issues. Pod sets were widely spaced. There was no weed pressure. Harvest was at a slow pace. Plants were matured with large seed sizes. Considering the dry conditions, the plot performed well.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 2921E ↗	E3	2.9	R	85.7	10.3	13	133.0	1124	1
Cornelius	CB29XF35 ↗	RXF	2.9	S	83.7	11.9	30	133.0	1098	2
Kruger	K3003XF ↗	RXF	3.0	R	81.1	11.9	34	133.0	1064	3
Asgrow	AG28XF3 § ↗	RXF	2.8	R	78.9	11.9	33	133.0	1035	4
Golden Harvest	GH3023XF § ↗	RXF	3.0	R	78.5	11.6	35	129.7	1030	5
NK Brand	NK29-Z4E3 ↗	E3	2.9	R	76.2	11.0	46	133.0	1000	6
Kruger	K2816XF ↗	RXF	2.8	R	74.4	11.4	51	133.0	976	7
ProHarvest	32F26 ↗	RXF	3.2	R	74.4	11.8	40	133.0	976	8
FS HiSOY	HS 29F10 ↗	RXF	2.9	R	74.3	11.5	31	133.0	975	9
P3 Genetics	2229E ↗	E3	2.9	R	73.7	10.1	13	133.0	967	10
Xitavo	XO 2832E ↗	E3	2.8	R	73.5	12.2	41	133.0	964	11
FS HiSOY	HS 28E10 ↗	E3	2.8	R	73.0	11.3	20	133.0	958	12
Latham	L 3086 XF ↗	RXF	3.0	R	72.8	15.1	43	129.7	949	13
Latham	L 3123 E3 ↗	E3	3.1	R	72.0	11.6	26	133.0	945	14
Apex	AE2920 ↗	E3	2.9	R	71.1	10.8	30	133.0	933	15
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	70.9	10.0	20	133.0	930	16
NuTech	31N06E ↗	E3	3.1	R	69.4	13.9	35	131.7	908	18
Golden Harvest	GH2922E3 ↗	E3	2.9	R	69.3	11.2	30	133.0	909	17
Pioneer	P28T02E § ↗	E3	2.8	R	68.7	10.9	49	133.0	901	19
Genesis	G2960E ↗	E3	2.9	R	68.6	10.8	20	133.0	900	20
NuTech	30N05E ↗	E3	3.0	R	68.4	12.5	50	133.0	897	21
Stine	31EF23 § ↗	E3	3.1	R	68.1	10.8	28	130.7	893	22
NK Brand	NK30-B2E3 § ↗	E3	3.0	R	67.8	11.5	46	133.0	890	23
Latham	L 2894 E3 ↗	E3	2.8	R	67.7	10.8	26	133.0	888	24
FS HiSOY	HS 32F10 ↗	RXF	3.2	R	67.3	9.8	20	133.0	883	25
NuTech	29N02E ↗	E3	2.9	R	65.8	12.2	75	133.0	863	26
Asgrow	AG32XF2 § ↗	RXF	3.2	R	65.6	12.1	39	130.7	861	27
P3 Genetics	2331E ↗	E3	3.1	R	65.1	13.5	75	133.0	853	28
Kruger	K3214XF ↗	RXF	3.2	R	64.9	17.5	51	133.0	840	29
Cornelius	CB31XF42 ↗	RXF	3.1	R	62.9	11.7	55	133.0	825	31
PIONEER	P26T57E CK	E3	2.6	R	63.6	11.0	38	133.0	834	30



Randy Meinsma

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Averages = **69.9** **11.9** **40** **132.5** **914**

LSD (0.10) = 5.4 ns ns

LSD (0.25) = 2.8 ns ns

C.V. = 7.4

Historic yield: 59.71 bu/a, 7 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.04 Prices: GMO = \$13.12

Report Date: 10/11/2022

† 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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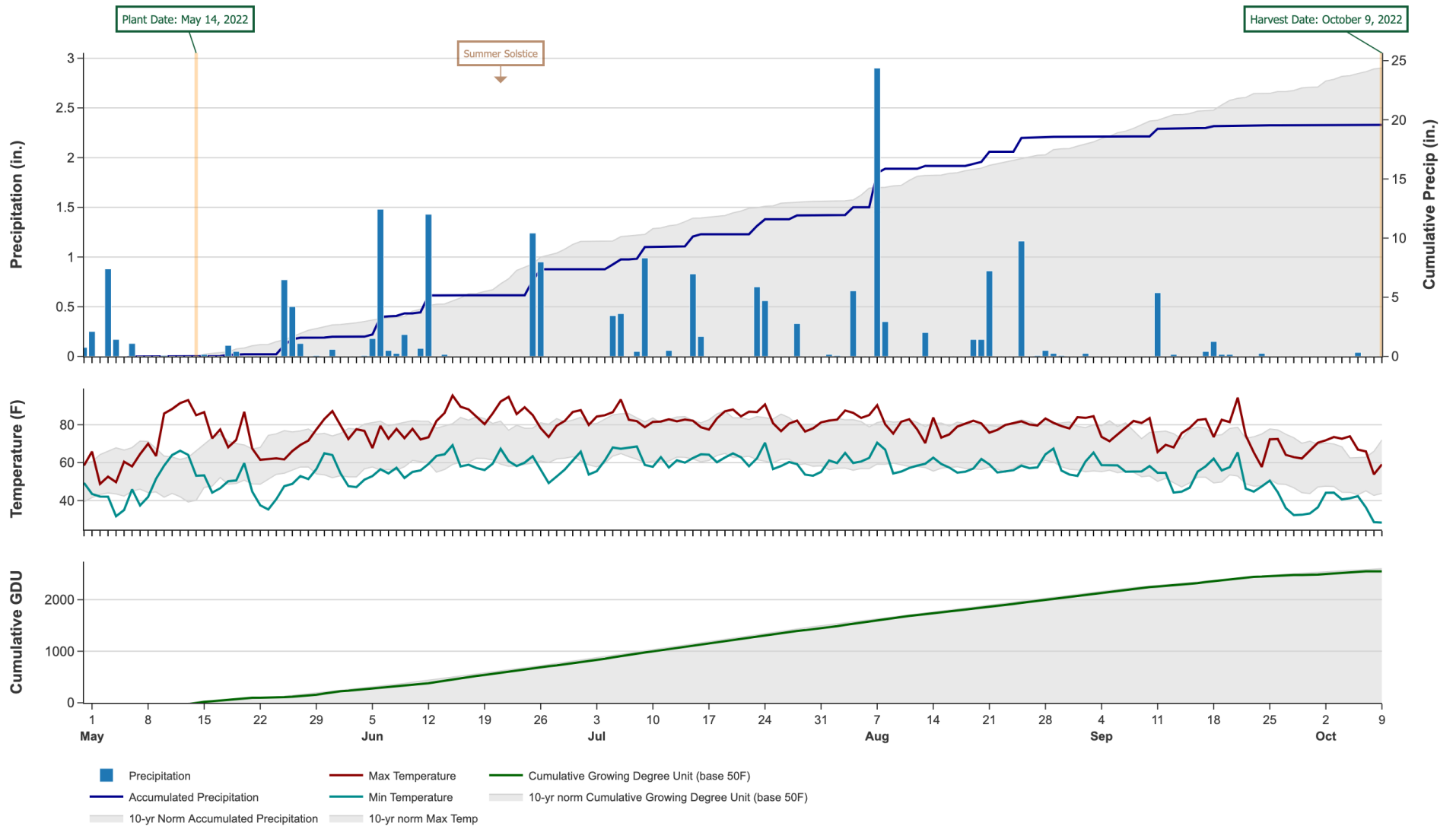
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2022 Soybeans - Iowa South Central [IASC]

Weather Conditions Summary at CENTRAL CITY, IA

Weather Data Retrieved: 10/11/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.1 0.1 (0.0)	3.1 4.3 (-1.2)	5.7 6.8 (-1.1)	4.6 3.6 (+0.9)	6.7 4.5 (+2.2)	1.0 5.2 (-4.2)	0.0 1.6 (-1.6)	21.1 26.1 (-5.0)
GDU Normal (Diff)	4 0 (+4)	359 329 (+29)	563 588 (-25)	674 686 (-12)	614 601 (+12)	421 427 (-6)	73 77 (-4)	2708 2710 (-2)



* 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.