

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

2022 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] HAMLIN, IA
Brian Jensen, Audubon County, IA

Early-Season Test	Maturity Group 2.3 - 2.7 S2022IASC44a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Callisto, Bicep, Halex Gt
SOIL DESCRIPTION:	Marshall silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.6 pH, 2.5% OM, 21.0 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Authority Edge, Dicamba, Coc Supreme, Liberty, Fusilade DX, Dual Magnum, Resource
Applied N-P-K (units):	0-80-90
SEEDED - RATE - ROW:	May 23 140.0 /A 15" spacing
HARVESTED - STAND:	Oct 12 136.6 /A

TEST COMMENTS:

Planting went very well in very good soil conditions. Plants stood 27 to 42 inches tall and had very good pod sets. Seed size was small with a lot of 4 seed pods. Plants were mature and dried down with no weed pressure. There were no lodging issues - a very nice looking plot. Brian stated that fields just a few miles away were seeing yields half of what this plot did due to drought conditions and spotty rainfall throughout the year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	NK25-C9XF § ↗	RXF	2.5	MR	81.8	9.4	5	137.0	1073	1
Latham	L 2458 E3 ↗	E3	2.4	R	81.7	10.2	1	137.0	1072	2
Titan Pro	TP 25E22 ↗	E3	2.5	R	80.5	9.6	1	137.0	1056	3
FS HiSOY	HS 27F20 ↗	RXF	2.7	R	80.1	9.6	1	137.0	1051	4
Kruger	K2594XF ↗	RXF	2.5	R	79.0	8.3	1	137.0	1036	5
FS HiSOY	HS 27E10 ↗	E3	2.7	R	78.9	10.3	1	137.0	1034	6
Hoegemeyer	2763 E ↗	E3	2.7	R	78.6	9.9	1	133.3	1031	7
Stine	26EC32 § ↗	E3	2.6	R	77.8	9.4	1	137.0	1021	8
Hoegemeyer	2553 E ↗	E3	2.5	R	77.2	9.6	1	137.0	1013	9
NuTech	27N03E ↗	E3	2.7	R	77.2	9.9	2	137.0	1013	10
Kruger	K2793XF ↗	RXF	2.7	R	77.0	9.5	1	137.0	1010	11
Xitavo	XO 2613E ↗	E3	2.6	R	76.9	9.2	1	137.0	1009	12
Cornelius	CB25XF99 ↗	RXF	2.5	R	76.8	9.3	1	137.0	1008	13
NuTech	26N06E ↗	E3	2.6	R	76.6	9.3	1	137.0	1005	14
Pioneer	P24T35E § ↗	E3	2.4	R	76.2	9.9	3	137.0	1000	15
Brevant	B252EE § ↗	E3	2.5	R	76.0	9.6	1	137.0	997	17
Latham	L 2494 XF ↗	RXF	2.4	R	75.8	10.1	1	137.0	994	18
Stine	26EF23 § ↗	E3	2.6	R	75.6	9.5	1	137.0	992	19
Golden Harvest	GH2653XF § ↗	RXF	2.6	R	75.5	10.5	1	137.0	991	20
Golden Harvest	GH2292E3 ↗	E3	2.2	MR	75.4	9.9	1	137.0	989	21
P3 Genetics	2326E ↗	E3	2.6	R	75.3	8.9	1	137.0	988	22
Asgrow	AG27XF3 § ↗	RXF	2.7	R	75.2	9.3	1	137.0	987	23
NK Brand	NK27-A7XF ↗	RXF	2.7	MR	73.7	9.5	6	135.7	967	24
Latham	L 2786 XF ↗	RXF	2.7	R	73.3	9.8	1	135.0	960	25
Xitavo	XO 2501E ↗	E3	2.5	R	73.2	8.9	1	137.0	960	26
Cornelius	CB27XF34 ↗	RXF	2.7	R	72.9	9.5	1	133.3	956	27
Xitavo	XO 2323E ↗	E3	2.3	R	72.6	9.4	1	137.0	953	28
NuTech	25N04E ↗	E3	2.5	R	72.6	9.5	1	137.0	953	29
Asgrow	AG26XF3 § ↗	RXF	2.6	R	72.4	9.7	1	137.0	950	30
FS HiSOY	HS 24F00 ↗	RXF,ST	2.4	R	71.4	9.9	1	137.0	937	31
PIONEER	P26T57E CK	E3	2.6	R	76.0	8.7	1	137.0	997	16
					Averages =	75.2	9.6	1	136.6	989
					LSD (0.10) =	4.4	ns	ns		
					LSD (0.25) =	2.3	ns	ns		
					C.V. =	5.5				
Randy Meinsma					Historic yield: 85.43 bu/a, 1 yr(s)					
randym@firstseedtests.com, (815) 238-8007										

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

Report Date: 10/12/2022

† 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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Brian Jensen, Audubon County, IA

Full-Season Test	Maturity Group 2.8 - 3.2 S2022IASC44b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
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PEST MANAGEMENT:	Authority Edge, Dicamba, Coc Supreme, Liberty, Fusilade Dx, Dual Magnum, Resource
Applied N-P-K (units):	0-80-90
SEEDED - RATE - ROW:	May 23 140.0 /A 15" spacing
HARVESTED - STAND:	Oct 12 137.0 /A

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Planting went very well in very good soil conditions. Plants stood 27 to 42 inches tall and had very good pod sets. Seed size was small with a lot of 4 seed pods. Plants were mature and dried down with no weed pressure. There were no lodging issues - a very nice looking plot. Brian stated that fields just a few miles away were seeing yields half of what this plot did due to drought conditions and spotty rainfall throughout the year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K3103XF ↗	RXF	3.1	R	81.8	10.0	1	137.0	1073	1
NK Brand	NK30-B2E3 § ↗	E3	3.0	R	80.8	9.8	1	137.0	1060	2
NK Brand	NK29-Z4E3 ↗	E3	2.9	R	80.2	9.8	1	137.0	1052	3
Asgrow	AG32XF2 § ↗	RXF	3.2	R	79.2	9.4	1	137.0	1039	4
ProHarvest	32F26 ↗	RXF	3.2	R	78.7	9.2	1	137.0	1033	5
Apex	AE2920 ↗	E3	2.9	R	78.7	9.3	1	137.0	1033	6
Latham	L 3123 E3 ↗	E3	3.1	R	78.6	9.9	1	137.0	1031	7
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	77.9	9.6	1	137.0	1022	8
Xitavo	XO 2963E ↗	E3	2.9	R	77.8	9.6	1	137.0	1021	9
Genesis	G2960E ↗	E3	2.9	R	77.4	10.1	1	137.0	1015	10
Xitavo	XO 2832E ↗	E3	2.8	R	76.7	9.4	1	137.0	1006	11
P3 Genetics	2331E ↗	E3	3.1	R	76.4	9.3	1	137.0	1002	12
Xitavo	XO 2921E ↗	E3	2.9	R	76.4	9.4	1	137.0	1002	13
Kruger	K3003XF ↗	RXF	3.0	R	76.3	9.7	1	137.0	1001	14
Stine	32EE21 § ↗	E3	3.2	R	75.6	9.8	1	137.0	992	16
Stine	31EF23 § ↗	E3	3.1	R	75.6	9.7	1	137.0	991	17
FS HiSOY	HS 32F10 ↗	RXF	3.2	R	75.5	9.3	1	137.0	991	18
NuTech	31N06E ↗	E3	3.1	R	74.8	9.3	1	137.0	981	19
Kruger	K2816XF ↗	RXF	2.8	R	74.6	9.1	1	137.0	979	20
Kruger	K3214XF ↗	RXF	3.2	R	74.4	8.9	1	137.0	976	21
FS HiSOY	HS 28E10 ↗	E3	2.8	R	74.4	9.4	1	137.0	976	22
NuTech	29N02E ↗	E3	2.9	R	74.2	9.5	1	137.0	974	23
Golden Harvest	GH3023XF § ↗	RXF	3.0	R	74.1	9.6	1	137.0	972	24
Cornelius	CB29XF35 ↗	RXF	2.9	S	73.9	9.5	1	137.0	970	25
Pioneer	P30T99E § ↗	E3	3.0	R	73.4	9.9	1	137.0	963	26
Latham	L 3086 XF ↗	RXF	3.0	R	73.1	9.0	1	137.0	959	27
Latham	L 2894 E3 ↗	E3	2.8	R	72.9	9.8	2	137.0	956	28
Asgrow	AG28XF3 § ↗	RXF	2.8	R	72.6	9.6	1	137.0	953	29
FS HiSOY	HS 29F10 ↗	RXF	2.9	R	72.2	8.6	6	135.7	947	30
Golden Harvest	GH2922E3 ↗	E3	2.9	R	71.6	9.8	1	137.0	939	31
PIONEER	P26T57E CK	E3	2.6	R	75.9	10.0	1	137.0	996	15
					Averages =	74.7	9.5	1	137.0	980
					LSD (0.10) =	5.6	ns	ns		
					LSD (0.25) =	2.9	ns	ns		
					C.V. =	7.1				
					Historic yield: 85.43 bu/a, 1 yr(s)					



Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

Yield & Income Factors:

Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.04 Prices: GMO = \$13.12

Report Date: 10/12/2022

† 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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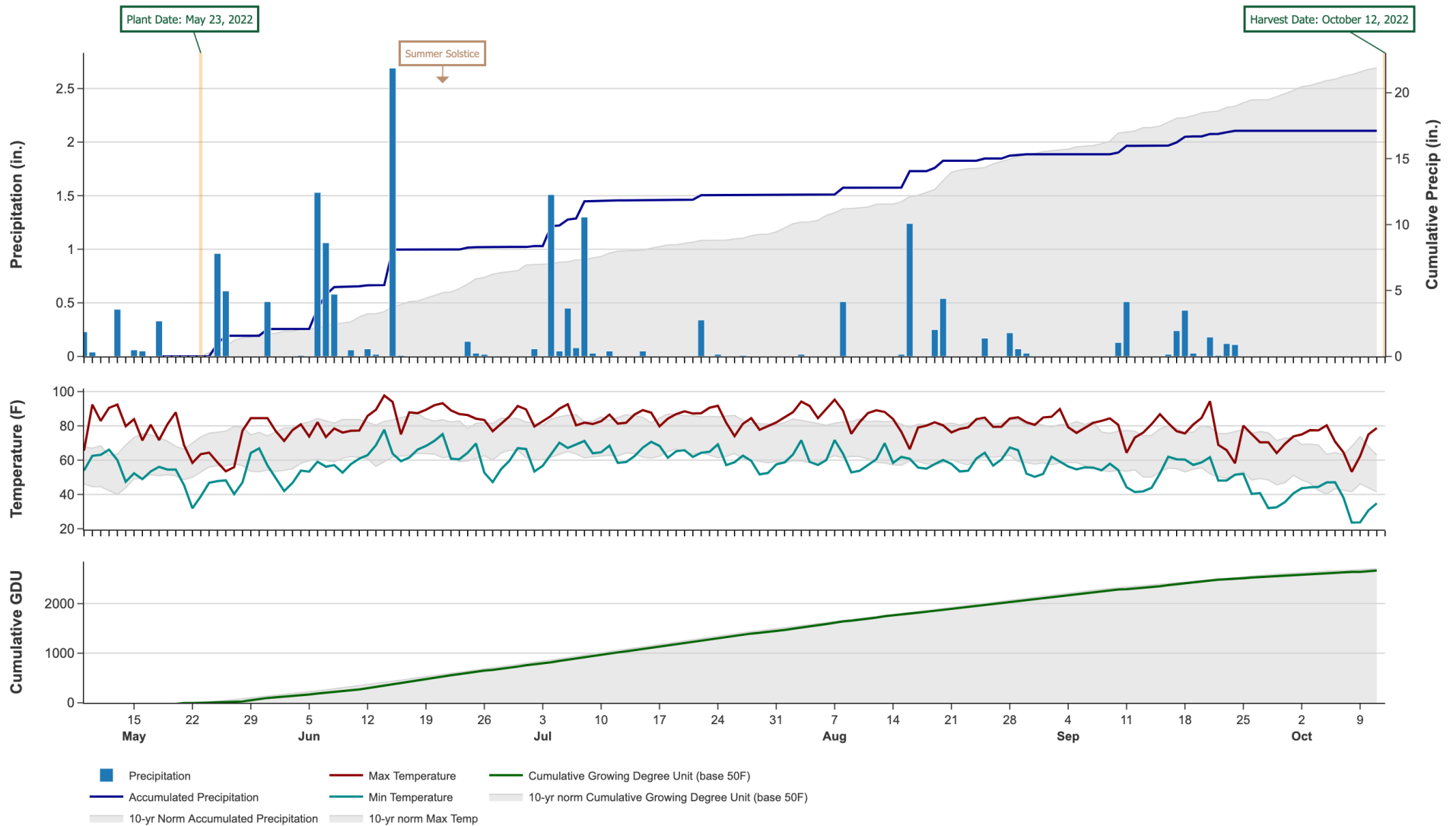
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2022 Soybeans - Iowa South Central [IASC]

Weather Conditions Summary at HAMLIN, IA

Weather Data Retrieved: 10/12/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.2 4.2 (-0.9)	6.2 4.8 (+1.5)	4.0 2.9 (+1.0)	3.1 5.9 (-2.9)	1.8 4.5 (-2.8)	0.0 2.0 (-2.0)	18.3 24.3 (-6.0)
GDU Normal (Diff)	333 279 (+53)	632 647 (-15)	717 719 (-2)	647 643 (+3)	461 466 (-5)	112 97 (+14)	2902 2854 (+47)



* 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.