

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

2023 Soybeans Top 30 Harvest Report

Iowa South [IASO] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

Early-Season Test Maturity Group **2.5 - 3.0**
S2023IASO51a

Top 30 of 36 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Corn / Acuron, Glyphosate,
Dicamba

SOIL DESCRIPTION: Judson silty clay loam, well
drained, non-irrigated

SOIL CONDITION: very high P, very high K, 5.8 pH,
3.6% OM, 18.4 CEC

TILLAGE/CULTIVATION: No-Till

PEST MANAGEMENT: Authority Supreme, Liberty,
Round Up, Clethodim

Applied N-P-K (units): 0-0-0

SEEDED - RATE - ROW: May 11 160.0 /A 15" spacing

HARVESTED - STAND: Oct 21 143.4 /A

TEST COMMENTS:

This plot was no-tilled into the corn stalks from last year and emerged well. Plants stood 35 to 50 inches tall. The taller plants did lodge. Plants were well matured and that allowed no problems harvesting the lodged plants. There was no weed pressure. Mark said he had some lodged fields also but was pleased to see the yields he was getting for this year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Titan Pro	TP 25E22 ↗	E3	2.5	R	78.7	12.8	4	144.0	1001	1
NuTech	27N03E ↗	E3	2.7	R	78.4	13.2	6	144.0	997	2
Kruger	K2604XF ↗	RXF	2.6	R	75.7	13.4	7	136.0	962	4
Xitavo	XO 2613E ↗	E3	2.6	R	75.6	12.4	6	144.0	962	5
NuTech	27N06E ↗	E3	2.7	R	75.4	12.4	4	144.0	959	6
Genesis	G2550E ↗	E3	2.5	R	74.4	12.8	6	144.0	946	7
FS HiSOY	HS 25E30 ↗	E3	2.5	R	74.3	12.8	7	144.0	945	8
FS HiSOY	HS 28F30 ↗	RXF	2.8	R	74.2	12.6	7	141.3	944	9
Genesis	G2960E ↗	E3	2.9	R	74.1	13.4	6	144.0	941	10
Xitavo	XO 3014E ↗	E3,ST	3.0	R	74.0	12.5	45	144.0	941	11
LG Seeds	LGS2505E3 GC ↗	E3	2.5	NA	73.8	12.8	4	144.0	939	12
Stine	28EG29 § ↗	E3	2.8	R	73.7	13.2	22	144.0	937	13
Pioneer	P25A16E § ↗	E3	2.5	R	73.5	11.7	2	144.0	935	14
Brevant	B283EE § ↗	E3	2.8	R	72.9	12.2	29	144.0	927	15
NuTech	29N04E ↗	E3	2.9	R	72.8	12.2	11	144.0	926	16
Xitavo	XO 2832E ↗	E3	2.8	R	72.7	13.1	6	144.0	924	17
Mustang	29E224 GC ↗	E3	2.9	R	72.4	11.8	34	144.0	921	18
Genesis	G2780E ↗	E3	2.7	R	71.4	12.9	6	144.0	908	19
Hoegemeyer	2834 E ↗	E3	2.8	R	71.0	11.4	11	144.0	903	20
NK Brand	NK29-Z4E3 ↗	E3	2.9	R	69.7	12.4	6	144.0	887	21
Asgrow	AG27XF3 § ↗	RXF	2.7	R	69.4	12.3	15	141.3	883	22
FS HiSOY	HS 27E30 ↗	E3	2.7	R	69.4	12.7	3	144.0	883	23
Brevant	B263EE § ↗	E3	2.6	R	69.3	12.5	6	144.0	881	24
Hoegemeyer	2724 E ↗	E3	2.7	R	68.9	12.3	4	144.0	876	25
Apex	AE2940S ↗	E3,ST	2.9	R	68.7	12.1	22	144.0	874	26
Pioneer	P28A65E § ↗	E3	2.8	R	67.2	11.7	10	144.0	855	27
NuTech	29N02E ↗	E3	2.9	R	66.1	12.8	30	144.0	841	28
Xitavo	XO 2963E ↗	E3	2.9	R	66.0	13.4	14	144.0	838	29
FS HiSOY	HS 26E20 ↗	E3	2.6	R	65.8	13.3	13	144.0	836	30
Asgrow	AG30XF4 § ↗	RXF	3.0	R	64.1	12.4	7	144.0	815	31
PIONEER	P30A75E CK	E3	3.0	MR	78.0	12.7	3	144.0	992	3
					Averages =	70.3	12.6	13	143.4	894
					LSD (0.10) =	3.3	0.5	9		
					LSD (0.25) =	1.7	0.3	5		
					C.V. =	4.4				
									Historic yield: 68.48 bu/a, 13 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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Full-Season Test Maturity Group **3.1 - 3.6**
S2023IASO51b

Top 30 of 36 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Corn / Acuron, Glyphosate,
Dicamba

SOIL DESCRIPTION: Judson silty clay loam, well
drained, non-irrigated

SOIL CONDITION: very high P, very high K, 5.8 pH,
3.6% OM, 18.4 CEC

TILLAGE/CULTIVATION: No-Till

PEST MANAGEMENT: Authority Supreme, Liberty,
Round Up, Clethodim

Applied N-P-K (units): 0-0-0

SEEDED - RATE - ROW: May 11 160.0 /A 15" spacing

HARVESTED - STAND: Oct 21 143.7 /A

TEST COMMENTS:

This plot was no-tilled into the corn stalks from last year and emerged well. Plants stood 35 to 50 inches tall. The taller plants did lodge. Plants were well matured and that allowed no problems harvesting the lodged plants. There was no weed pressure. Mark said he had some lodged fields also but was pleased to see the yields he was getting for this year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 34F30 ↗	RXF	3.4	R	77.3	12.7	20	144.0	983	2
Asgrow	AG33XF3 § ↗	RXF	3.3	R	76.9	12.6	22	144.0	978	3
Hoegemeyer	3134 E ↗	E3	3.1	R	74.9	12.3	8	144.0	953	4
Xitavo	XO 3483E ↗	E3	3.4	MR	74.1	12.3	15	144.0	943	5
Renk	RS353NXF ↗	RXF	3.5	R	73.7	12.5	33	144.0	937	6
Xitavo	XO 3131E ↗	E3	3.1	R	73.6	12.3	40	144.0	936	7
Kruger	K3305XF ↗	RXF	3.3	R	72.9	12.6	10	141.3	927	8
NuTech	31N07E ↗	E3	3.1	R	72.6	12.3	26	144.0	923	9
NuTech	34N02E ↗	E3	3.4	R	72.5	12.4	23	144.0	922	10
Kruger	K3214XF ↗	RXF	3.2	R	71.2	12.3	16	144.0	906	11
Xitavo	XO 3651E ↗	E3	3.6	R	71.0	12.7	15	144.0	903	12
Golden Harvest	GH3693E3S ↗	E3,ST	3.6	R	70.9	12.1	20	144.0	902	13
Stine	36PD92 § ↗	RXF	3.6	R	70.9	12.6	26	144.0	902	14
Xitavo	XO 3224E ↗	E3	3.2	R	70.6	12.3	38	144.0	898	15
NuTech	33N04E ↗	E3	3.3	R	69.5	12.1	31	144.0	884	16
FS HiSOY	HS 32E30 ↗	E3	3.2	R	69.4	13.0	45	144.0	883	17
Stine	33FD32 § ↗	RXF	3.5	R	69.2	12.3	26	136.0	880	18
Golden Harvest	GH3373E3S § ↗	E3,ST	3.3	R	69.0	13.2	46	144.0	877	20
NK Brand	NK36-H9E3S ↗	E3,ST	3.6	R	69.0	12.4	26	144.0	878	19
P3 Genetics	2331E ↗	E3	3.1	R	68.8	12.5	37	144.0	875	21
Stine	35EG29 § ↗	E3	3.5	R	68.8	12.2	38	144.0	875	22
NK Brand	S35-E3 § ↗	E3	3.5	R	68.3	12.9	20	144.0	869	23
NuTech	36N04E ↗	E3	3.6	R	67.7	12.2	14	144.0	861	24
Asgrow	AG35XF1 § ↗	RXF	3.5	R	67.6	12.1	19	144.0	860	25
FS HiSOY	HS 35F20 ↗	RXF	3.5	R	67.5	12.4	40	144.0	859	26
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	67.4	12.9	40	144.0	857	27
Apex	AE3541 ↗	E3	3.5	R	67.4	13.0	29	144.0	857	28
Genesis	G3171ES ↗	E3,ST	3.1	R	67.3	12.8	45	144.0	856	29
ProHarvest	32F26 ↗	RXF	3.2	R	67.1	12.5	3	144.0	854	30
Apex	AE3340 ↗	E3	3.3	R	66.5	12.2	50	144.0	846	31
PIONEER	P30A75E CK	E3	3.0	MR	79.6	12.3	8	144.0	1013	1
					Averages =	69.9	12.5	28	143.7	889
					LSD (0.10) =	3.1	0.3	12		
					LSD (0.25) =	1.6	0.2	6		
					C.V. =	4.3				
					Historic yield: 68.48 bu/a, 13 yr(s)					



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Yield & Income Factors:

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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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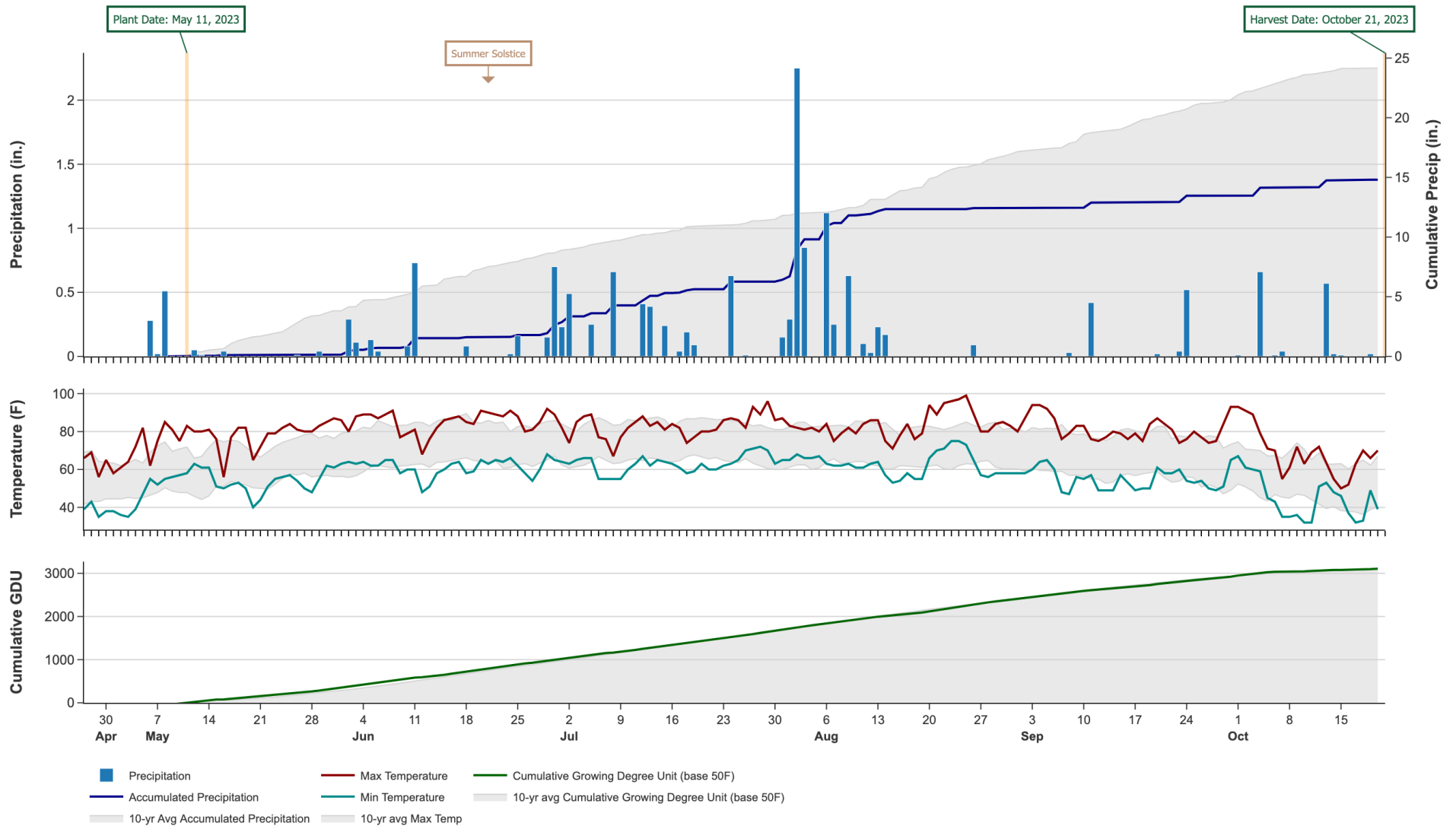
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2023 Soybeans - Iowa South [IASO]

Weather Conditions Summary at OAKLAND, IA

Weather Data Retrieved: 10/21/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.0 0.6 (-0.6)	1.0 5.5 (-4.5)	2.5 4.8 (-2.4)	3.8 3.1 (+0.6)	6.0 5.1 (+0.9)	1.0 4.6 (-3.5)	1.3 2.6 (-1.3)	15.6 26.4 (-10.8)
GDU Avg (Diff)	25 33 (-8)	462 366 (+95)	672 690 (-18)	695 752 (-57)	692 700 (-8)	533 522 (+10)	184 166 (+17)	3263 3232 (+30)



* 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.