

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

2022 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] NEVADA, IA
Shayn, Spencer, Norman Harrison, Story County, IA 50201

Early-Season Test	Maturity Group 2.3 - 2.7 S2022IASC42a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Sure Start, Laudis, Glyphosate
SOIL DESCRIPTION:	Webster clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 7.4 pH, 3.3% OM, 22.4 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Authority, Supreme, Treflan, Liberty
Applied N-P-K (units):	0-52-120
SEEDED - RATE - ROW:	Jun 2 140.0 /A 15" spacing
HARVESTED - STAND:	Oct 13 135.9 /A

TEST COMMENTS:

This plot did not get planted until the 2nd of June due to wet cool conditions. At harvest, the plants stood 28 to 39 inches with good pod sets and small seed size. No lodging issues were present, and no weed pressure. Plants were well-matured and dry stems made harvest easy. The plot was fortunate to receive moisture during the season but reports of lower yields in the area due to drought conditions.

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	84.1	9.0	1	137.0	1103	1
P3 Genetics	2326E ↗	E3	2.6	R	81.8	9.4	1	137.0	1073	2
NuTech	27N03E ↗	E3	2.7	R	79.3	9.1	1	137.0	1040	3
FS HiSOY	HS 27E10 ↗	E3	2.7	R	76.5	9.3	1	137.0	1004	4
Asgrow	AG27XF3 § ↗	RXF	2.7	R	75.9	9.4	1	133.3	996	5
NK Brand	NK27-A7XF ↗	RXF	2.7	MR	75.7	9.4	1	133.3	993	6
Cornelius	CB25XF99 ↗	RXF	2.5	R	75.4	9.5	1	137.0	989	7
FS HiSOY	HS 27F20 ↗	RXF	2.7	R	73.9	9.1	1	137.0	970	8
Latham	L 2786 XF ↗	RXF	2.7	R	73.7	9.5	1	137.0	967	9
Xitavo	XO 2472E ↗	E3,ST	2.4	R	73.3	10.0	1	137.0	962	10
Latham	L 2494 XF ↗	RXF	2.4	R	72.9	9.3	1	137.0	956	11
FS HiSOY	HS 24F00 ↗	RXF,ST	2.4	R	72.9	9.6	1	137.0	956	12
Hoegemeyer	2763 E ↗	E3	2.7	R	72.8	9.2	1	137.0	955	13
Kruger	K2793XF ↗	RXF	2.7	R	72.0	9.5	1	137.0	945	14
Stine	26EC32 § ↗	E3	2.6	R	70.4	9.7	1	133.3	924	16
Stine	26EF23 § ↗	E3	2.6	R	70.3	9.4	1	137.0	922	17
Golden Harvest	GH2653XF § ↗	RXF	2.6	R	70.2	9.4	1	137.0	921	18
NuTech	25N04E ↗	E3	2.5	R	69.7	9.0	1	135.7	914	19
Golden Harvest	GH2292E3 ↗	E3	2.2	MR	69.4	9.2	1	137.0	911	20
Kruger	K2594XF ↗	RXF	2.5	R	69.0	9.5	1	133.3	905	21
Xitavo	XO 2323E ↗	E3	2.3	R	68.9	9.3	1	137.0	904	22
NuTech	26N06E ↗	E3	2.6	R	68.4	9.3	1	137.0	897	23
Latham	L 2458 E3 ↗	E3	2.4	R	68.1	9.5	1	137.0	893	24
NK Brand	NK25-C9XF § ↗	RXF	2.5	MR	67.9	9.1	1	133.3	891	25
Latham	L 2379 E3 ↗	E3	2.3	R	67.7	9.8	1	133.3	888	26
Pioneer	P24T35E § ↗	E3	2.4	R	67.6	9.1	1	137.0	887	27
NuTech	24N04E ↗	E3	2.4	R	67.6	9.1	1	137.0	887	28
Xitavo	XO 2501E ↗	E3	2.5	R	66.9	9.2	1	135.7	878	29
FS HiSOY	HS 23F10 ↗	RXF	2.3	R	66.4	9.5	1	133.3	871	30
Cornelius	CB27XF34 ↗	RXF	2.7	R	64.7	9.1	1	137.0	849	31
PIONEER	P26T57E CK	E3	2.6	R	70.6	9.3	1	133.3	926	15



Randy Meinsma

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Averages = **70.3** **9.3** **1** **135.9** **922**

LSD (0.10) = 2.8 0.3 ns

LSD (0.25) = 1.5 0.1 ns

C.V. = 3.8

Historic yield: 64.6 bu/a, 3 yr(s)

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

Report Date: 10/13/2022

† 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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Full-Season Test	Maturity Group 2.8 - 3.2 S2022IASC42b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Sure Start, Laudis, Glyphosate
SOIL DESCRIPTION:	Webster clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 7.4 pH, 3.3% OM, 22.4 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Authority, Supreme, Treflan, Liberty
Applied N-P-K (units):	0-52-120
SEDED - RATE - ROW:	Jun 2 140.0 /A 15" spacing
HARVESTED - STAND:	Oct 13 136.8 /A

TEST COMMENTS:

This plot did not get planted until the 2nd of June due to wet cool conditions. At harvest, the plants stood 28 to 39 inches with good pod sets and small seed size. No lodging issues were present, and no weed pressure. Plants were well-matured and dry stems made harvest easy. The plot was fortunate to receive moisture during the season but reports of lower yields in the area due to drought conditions.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Latham	L 3123 E3 ↗	E3	3.1	R	78.0	10.1	1	137.0	1023	1
NuTech	29N02E ↗	E3	2.9	R	77.6	9.9	1	137.0	1018	2
NuTech	30N05E ↗	E3	3.0	R	76.6	9.8	1	137.0	1005	3
FS HiSOY	HS 32F10 ↗	RXF	3.2	R	76.4	9.8	1	137.0	1002	4
Xitavo	XO 3131E ↗	E3	3.1	R	76.2	10.0	1	137.0	1000	5
Stine	32EE21 § ↗	E3	3.2	R	76.1	10.4	1	137.0	998	6
Asgrow	AG28XF3 § ↗	RXF	2.8	R	75.5	8.6	1	137.0	991	7
Apex	AE2920 ↗	E3	2.9	R	75.0	10.1	1	137.0	984	8
Xitavo	XO 2832E ↗	E3	2.8	R	74.1	9.4	1	137.0	972	9
Genesis	G2960E ↗	E3	2.9	R	74.0	9.6	1	137.0	971	10
P3 Genetics	2331E ↗	E3	3.1	R	74.0	10.2	1	137.0	971	11
Xitavo	XO 2921E ↗	E3	2.9	R	74.0	10.0	1	137.0	971	12
Xitavo	XO 2963E ↗	E3	2.9	R	72.7	10.0	1	137.0	954	13
Stine	31EF23 § ↗	E3	3.1	R	72.3	9.9	1	137.0	949	14
Kruger	K3214XF ↗	RXF	3.2	R	71.8	9.9	1	137.0	942	15
Golden Harvest	GH3023XF § ↗	RXF	3.0	R	71.8	10.0	1	137.0	942	16
FS HiSOY	HS 29F10 ↗	RXF	2.9	R	71.7	9.8	1	133.3	941	17
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	70.8	10.0	1	137.0	929	19
NK Brand	NK29-Z4E3 ↗	E3	2.9	R	70.7	9.5	1	137.0	928	20
Pioneer	P28T02E § ↗	E3	2.8	R	70.6	9.1	1	137.0	926	21
Kruger	K3003XF ↗	RXF	3.0	R	70.5	10.2	1	137.0	925	22
Golden Harvest	GH2922E3 ↗	E3	2.9	R	70.4	9.6	1	137.0	924	23
Kruger	K3103XF ↗	RXF	3.1	R	69.9	9.3	1	137.0	917	24
Latham	L 3086 XF ↗	RXF	3.0	R	69.7	9.5	1	137.0	914	25
Pioneer	P30T99E § ↗	E3	3.0	R	69.7	10.0	1	137.0	914	26
FS HiSOY	HS 28E10 ↗	E3	2.8	R	69.6	9.8	1	137.0	913	27
ProHarvest	32F26 ↗	RXF	3.2	R	69.2	9.7	1	137.0	908	28
NK Brand	NK30-B2E3 § ↗	E3	3.0	R	68.4	9.8	1	137.0	897	29
Cornelius	CB31XF42 ↗	RXF	3.1	R	67.3	9.5	1	137.0	883	30
P3 Genetics	2229E ↗	E3	2.9	R	66.7	9.7	1	137.0	875	31
PIONEER	P26T57E CK	E3	2.6	R	70.9	9.4	1	137.0	930	18
					Averages =	71.2	9.7	1	136.8	934
					LSD (0.10) =	3.1	0.4	ns		
					LSD (0.25) =	1.6	0.2	ns		
					C.V. =	4.2				
Randy Meinsma					Historic yield: 64.6 bu/a, 3 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: 10/13/2022

† 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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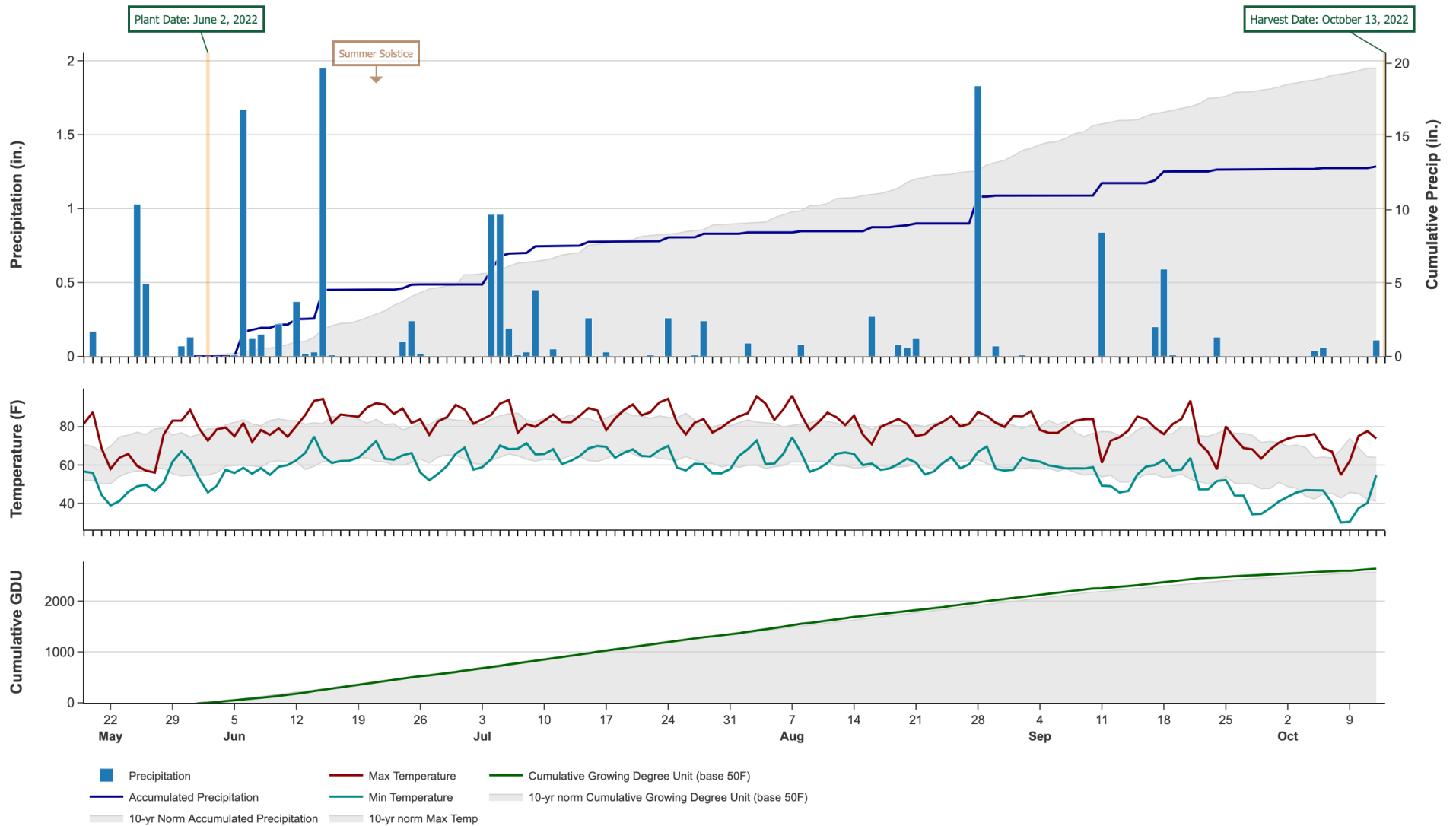
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2022 Soybeans - Iowa South Central [IASC]

Weather Conditions Summary at NEVADA, IA

Weather Data Retrieved: 10/13/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.9 2.9 (-1.0)	4.9 5.0 (-0.1)	3.5 4.2 (-0.8)	2.6 4.3 (-1.7)	1.8 4.9 (-3.1)	0.2 1.4 (-1.2)	14.8 22.7 (-7.8)
GDU Normal (Diff)	161 187 (-26)	634 645 (-11)	738 729 (+8)	695 647 (+47)	478 474 (+3)	120 106 (+13)	2826 2791 (+34)



* 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.