

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

2021 Soybeans Top 30 Harvest Report

Iowa South [IASO] CAMBRIA, IA
Dan Allred, Wayne County, IA 50060

Early-Season Test	Maturity Group 2.5 - 3.0 S2021IASO52a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Full Time Nxt, Glyphosate, Callisto
SOIL DESCRIPTION:	Edina silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, high K, 6.3 pH, 3.5% OM, 17.4 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	not available-TBD
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 15 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 23 156.5 /A

TEST COMMENTS:

The planting conditions were very good and the plot emerged well. A lot of fields in the area had to be replanted. Dan said that the yields were very low on those fields. The plot did very well with plants standing 30 to 48 inches tall with good pod sets. The tall plants made for some lodging issues. The only delay for harvest was waiting on pods to dry. Plants were matured and did not affect shelling.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Champion	3022XL GC ↗	RXF	3.0	NA	81.1	12.3	19	155.3	983	1
NuTech	29N02E ↗	E3	2.9	R	79.5	12.5	27	155.3	964	3
Golden Harvest	GH2562XF ↗	RXF	2.5	R	78.7	12.4	70	157.0	954	4
Xitavo	XO 2832E ↗	E3	2.8	R	78.6	12.8	5	155.3	953	5
Golden Harvest	GH2872XF ↗	RXF	2.8	R	78.3	12.3	13	157.0	949	6
NuTech	28N02E ↗	E3	2.8	R	77.7	12.6	23	157.0	942	7
Genesis	G2960E ↗	E3	2.9	R	77.7	12.8	12	157.0	942	8
Kruger	K3003XF ↗	RXF	3.0	R	77.5	12.3	17	157.0	939	9
FS HiSOY	29F10 ↗	RXF	2.9	R	77.1	12.2	13	157.0	934	10
FS HiSOY	28E10 ↗	E3	2.8	R	76.4	12.9	6	157.0	926	11
FS HiSOY	27E10 ↗	E3	2.7	R	75.9	12.6	4	157.0	920	12
Hoegemeyer	2831 E ↗	E3	2.8	R	75.0	12.6	17	157.0	909	13
Credenz	CZ 3099GTLL ↗	LLGT27	3.1	R	74.9	12.4	23	155.3	908	14
NuTech	26N06E ↗	E3	2.6	R	74.9	12.7	18	157.0	908	15
Xitavo	XO 2921E ↗	E3	2.9	R	74.6	12.7	5	157.0	904	16
Xitavo	XO 2501E ↗	E3	2.5	R	74.5	12.5	13	157.0	903	17
Golden Harvest	GH2722XF § ↗	RXF	2.7	MR	74.3	12.3	29	157.0	901	18
FS HiSOY	30F10 ↗	RXF	3.0	R	73.8	12.4	11	155.3	894	19
Golden Harvest	GH2922E3 ↗	E3	2.9	R	73.8	12.6	10	157.0	894	20
Kruger	K2793XF ↗	RXF	2.7	R	73.2	12.6	3	157.0	887	21
Miller Hybrids	2503-E3 § ↗	E3	2.5	R	73.1	12.3	18	157.0	886	22
Asgrow	AG30XF2 § ↗	RXF	3.0	R	72.9	12.1	5	157.0	884	23
NuTech	30N05E ↗	E3	3.0	R	72.3	12.7	28	157.0	876	24
Kruger	K2902XF ↗	RXF	2.9	R	72.0	12.3	7	152.7	873	25
Kruger	K2885XF ↗	RXF	2.8	R	71.7	12.5	29	154.5	869	26
Stine	28EC32 § ↗	E3	2.8	R	70.0	12.9	21	157.0	848	27
Hoegemeyer	2660 E ↗	E3	2.6	R	69.7	12.9	26	157.0	845	28
Pioneer	P30T99E § ↗	E3	3.0	R	69.5	12.6	37	157.0	842	29
Apex	AE2920 ↗	E3	2.9	R	66.2	12.6	5	157.0	802	30
Pioneer	P29T37E CK	E3	2.9	NA	79.6	12.6	28	157.0	965	2



Randy Meinsma

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Averages = **74.8** **12.5** **18** **156.5** **907**

LSD (0.10) = 3.8 ns 15

LSD (0.25) = 2.0 ns 8

C.V. = 4.8

Historic yield: 56.17 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$12.12

Report Date: 10/26/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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Dan Allred, Wayne County, IA 50060

Full-Season Test	Maturity Group 3.1 - 3.6 S2021IASO52b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Full Time Nxt, Glyphosate, Callisto
SOIL DESCRIPTION:	Edina silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, high K, 6.3 pH, 3.5% OM, 17.4 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Unavailable-Tbd
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 15 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 23 156.6 /A

TEST COMMENTS:

The planting conditions were very good and the plot emerged well. A lot of fields in the area had to be replanted. Dan said that the yields were very low on those fields. The plot did very well with plants standing 30 to 48 inches tall with good pod sets. The tall plants made for some lodging issues. The only delay for harvest was waiting on pods to dry. Plants were matured and did not affect shelling.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Apex	AE3420 ↗	E3	3.4	R	84.5	12.8	54	157.0	1024	1
Hoegemeyer	3141 E ↗	E3	3.1	R	83.4	12.4	7	157.0	1011	2
Donmario	DM36F62S ↗	RXF	3.6	NA	83.0	12.6	25	157.0	1006	3
FS HiSOY	35F10 ↗	RXF	3.5	R	82.6	12.3	50	157.0	1001	4
Asgrow	AG32XF2 § ↗	RXF	3.2	R	82.4	12.3	3	157.0	999	5
Cornelius	CB31XF42 ↗	RXF	3.1	R	82.4	12.2	18	157.0	999	6
Xitavo	XO 3341E ↗	E3	3.3	R	81.9	13.1	31	157.0	991	7
Asgrow	AG35XF1 § ↗	RXF	3.5	R	81.0	12.6	35	155.3	982	8
Stine	32EB02 § ↗	E3	3.2	R	80.7	12.9	43	157.0	978	9
Kruger	K3594XF ↗	RXF	3.5	R	80.6	12.5	11	157.0	977	10
NK Brand	NK31-M7E3 ↗	E3	3.1	R	80.6	12.7	15	157.0	977	11
Kruger	K3305XF ↗	RXF	3.3	R	80.6	12.7	2	157.0	977	12
Hoegemeyer	3591 E ↗	E3	3.5	R	80.6	12.9	9	155.3	977	13
Credenz	CZ 3309GTLL ↗	LLGT27	3.3	R	80.1	12.7	45	157.0	971	14
P3 Genetics	2136E ↗	E3	3.6	R	80.0	12.9	10	157.0	970	15
Kruger	K3103XF ↗	RXF	3.1	R	79.9	12.1	3	155.3	968	16
Stine	35EE32 § ↗	E3	3.5	R	79.8	13.1	30	155.3	967	17
Golden Harvest	GH3442XF ↗	RXF	3.4	MR	79.8	12.6	10	157.0	967	18
Channel	3022RFX GC ↗	RXF	3.0	R	79.0	12.0	5	155.3	957	19
Golden Harvest	GH3380E3 ↗	E3	3.3	NA	78.9	13.0	29	155.3	956	20
Genesis	G3460E ↗	E3	3.4	R	78.5	12.6	23	157.0	951	21
Kruger	K3603XF ↗	RXF	3.6	R	78.4	12.5	10	155.3	950	22
Golden Harvest	GH3192XF § ↗	RXF	3.1	MR	78.3	12.1	8	157.0	949	23
Genesis	G3260E ↗	E3	3.2	R	77.4	12.9	46	157.0	938	24
Miller Hybrids	3403-E3 GC ↗	E3	3.4	R	77.3	12.9	16	157.0	937	25
FS HiSOY	36F10 ↗	RXF	3.6	R	77.2	12.5	16	157.0	936	26
NK Brand	NK34-G1XF ↗	RXF	3.4	MR	77.2	12.6	6	157.0	936	27
NuTech	35N03E ↗	E3	3.5	R	77.1	13.1	20	157.0	934	28
NK Brand	S35-E3 ↗	E3	3.5	R	77.0	13.0	28	157.0	933	29
FS HiSOY	35E10 ↗	E3	3.5	R	77.0	12.7	28	157.0	933	30
Pioneer	P29T37E CK	E3	2.9	NA	75.6	12.6	26	155.3	916	35
					Averages =	78.1	12.7	22	156.6	947
					LSD (0.10) =	3.6	0.3	14		
					LSD (0.25) =	1.9	0.1	8		
					C.V. =	4.4				
									Historic yield: 56.17 bu/a, 3 yr(s)	



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Yield & Income Factors:

Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$12.12

Report Date: 10/26/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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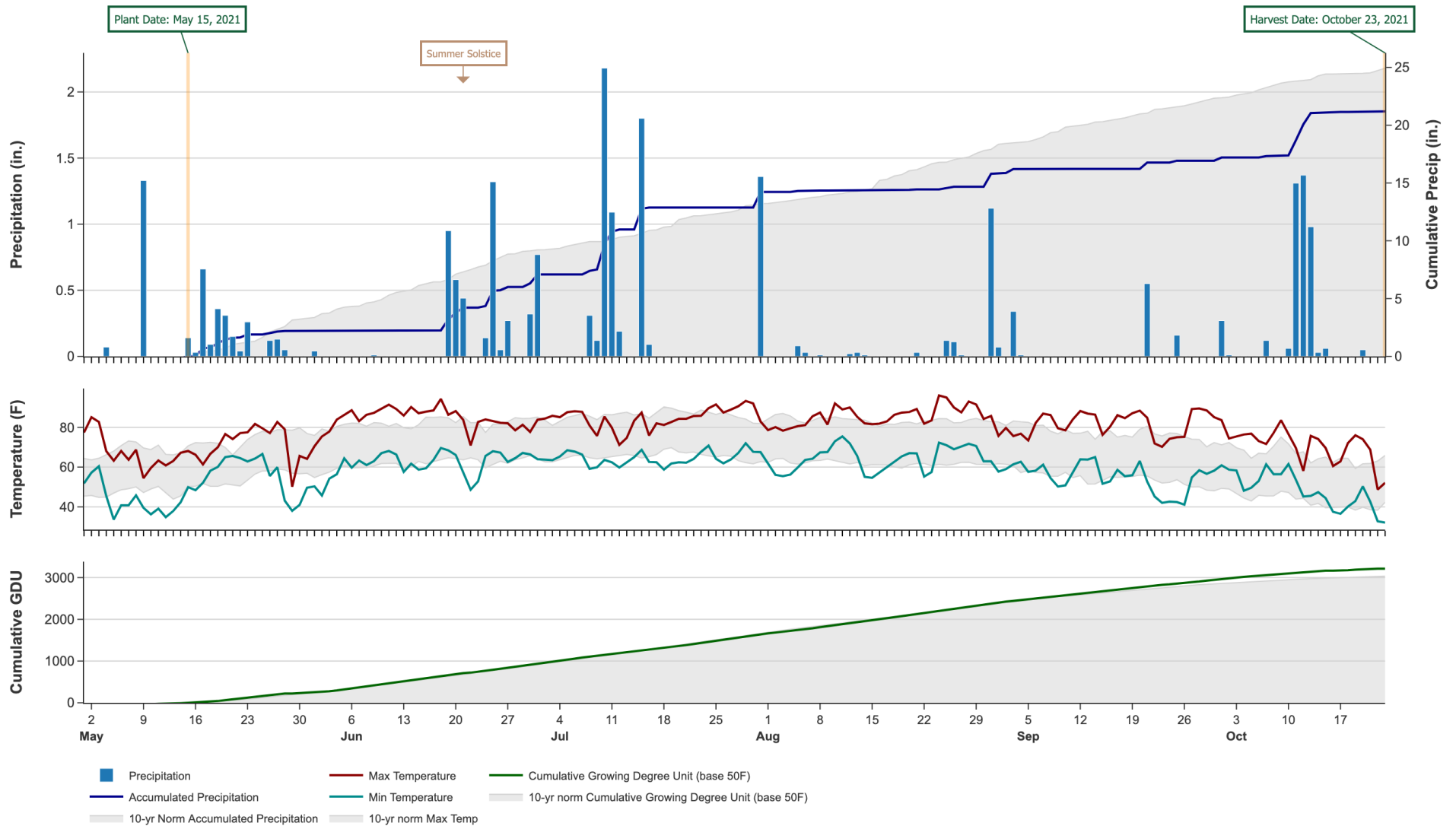
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2021 Soybeans - Iowa South [IASO]

Weather Conditions Summary at CAMBRIA, IA

Weather Data Retrieved: 10/26/2021

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.7 5.8 (-2.1)	4.1 5.8 (-1.7)	7.9 4.1 (+3.8)	1.6 4.7 (-3.1)	1.1 4.4 (-3.3)	4.3 2.6 (+1.7)	22.7 27.4 (-4.7)
GDU Normal (Diff)	359 368 (-9)	669 651 (+17)	739 780 (-41)	744 703 (+40)	560 485 (+74)	264 183 (+80)	3335 3172 (+162)



* 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.

2021 Soybeans - Iowa South [IASO]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2920	E3	R	2.9	CMBV,SA
Asgrow	AG30XF2 §	RXF	R	3.0	ACi,IL
Champion	3022XL GC	RXF	NA	3.0	NA
Credenz	CZ 3099GTLL	LLGT27	R	3.1	PV,IL,OB
FS HiSOY	27E10	E3	R	2.7	ACi,B-200
FS HiSOY	28E10	E3	R	2.8	ACi,B-200
FS HiSOY	29F10	RXF	R	2.9	ACi,B-200
FS HiSOY	30F10	RXF	R	3.0	ACi,SA,B-200
Genesis	G2960E	E3	R	2.9	CMBV,SA
Golden Harvest	GH2562XF	RXF	R	2.5	CMBV,SA
Golden Harvest	GH2722XF §	RXF	MR	2.7	CMBV,SA
Golden Harvest	GH2872XF	RXF	R	2.8	CMBV,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Hoegemeyer	2660 E	E3	R	2.6	Lum,Lu,IL
Hoegemeyer	2831 E	E3	R	2.8	Lum,Lu,IL
Kruger	K2793XF	RXF	R	2.7	ACi,IL
Kruger	K2885XF	RXF	R	2.8	ACi,IL
Kruger	K2902XF	RXF	R	2.9	ACi,IL
Kruger	K3003XF	RXF	R	3.0	ACi,IL
Miller Hybrids	2503-E3 §	E3	R	2.5	NA
NuTech	26N06E	E3	R	2.6	Lum,Lu,IL
NuTech	28N02E	E3	R	2.8	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	30N05E	E3	R	3.0	Lum,Lu,IL
Pioneer	P29T37E CK	E3	NA	2.9	NA
Pioneer	P30T99E §	E3	R	3.0	NA
Stine	28EC32 §	E3	R	2.8	SFI
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB

2021 Soybeans - Iowa South [IASO]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE3220	E3	R	3.2	CMBV,SA
Apex	AE3310	E3	R	3.3	CMBV,SA
Apex	AE3420	E3	R	3.4	CMBV,SA
Asgrow	AG31XF2 §	RXF	R	3.1	ACi
Asgrow	AG32XF2 §	RXF	R	3.2	ACi,IL
Asgrow	AG35XF1 §	RXF	R	3.5	Untreated
Channel	3022RXF GC	RXF	R	3.0	ACi,IL
Cornelius	CB31XF42	RXF	R	3.1	PG+
Cornelius	CB35XF65	RXF	R	3.5	PG+
Credenz	CZ 3309GTLL	LLGT27	R	3.3	PV,IL,OB
Donmario	DM36F62S	RXF	NA	3.6	CMBV
FS HiSOY	32E00	E3	R	3.2	ACi,SA,B-200
FS HiSOY	35E10	E3	R	3.5	ACi,B-200
FS HiSOY	35F10	RXF	R	3.5	ACi,B-200
FS HiSOY	36F10	RXF	R	3.6	ACi,B-200
Genesis	G3260E	E3	R	3.2	CMBV,SA
Genesis	G3460E	E3	R	3.4	CMBV,SA
Golden Harvest	GH3132E3 GC	E3	R	3.1	CMBV,SA
Golden Harvest	GH3192XF §	RXF	MR	3.1	CMBV,SA
Golden Harvest	GH3380E3	E3	NA	3.3	Untreated
Golden Harvest	GH3442XF	RXF	MR	3.4	CMBV,SA
Golden Harvest	GH3512E3S	E3,ST	MR	3.5	CMBV,SA
Hoegemeyer	3141 E	E3	R	3.1	Lum,Lu,IL
Hoegemeyer	3421 SE	E3,ST	R	3.4	Lum,Lu,IL
Hoegemeyer	3591 E	E3	R	3.5	Lum,Lu,IL
Kruger	K3103XF	RXF	R	3.1	ACi,IL
Kruger	K3305XF	RXF	R	3.3	ACi,IL
Kruger	K3594XF	RXF	R	3.5	ACi,IL
Kruger	K3603XF	RXF	R	3.6	ACi,IL
Miller Hybrids	3403-E3 GC	E3	R	3.4	NA
NK Brand	NK31-M7E3	E3	R	3.1	CMBV,SA
NK Brand	NK34-G1XF	RXF	MR	3.4	CMBV,SA
NK Brand	NK35-J6E3S §	E3,ST	MR	3.5	CMBV,SA
NK Brand	S35-E3	E3	R	3.5	CMBV,SA
NuTech	31N06E	E3	R	3.1	Lum,Lu,IL
NuTech	34N06E	E3	R	3.4	Lum,Lu,IL
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
P3 Genetics	2136E	E3	R	3.6	PG+
P3 Genetics	2234E	E3	R	3.4	PG+
Pioneer	P29T37E CK	E3	NA	2.9	NA
Stine	32EB02 §	E3	R	3.2	SFI
Stine	35EE32 §	E3	R	3.5	SFI

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB

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
LLGT27	LibertyLink® GT27®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Saltro®, B-200 SAT
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.