

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

2024 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] VICTOR, IA
Mike DeRycke, Poweshiek County, IA 52347

Early-Season Test	Maturity Group 2.3 - 2.7 S2024IASC43a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Length Exl, Ams, Buccaneer, Elevate, Triva Pro, Warrior li
SOIL DESCRIPTION:	Ely silty clay loam, moderately drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 7.1 pH, 3.1% OM, 16.5 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Sencor, Zidua Pro, Mso, Am Source, Enlist One, Clethodim, Liberty, Elevate, Miravis Neo, Endigo, Elite
Applied N-P-K (units):	0-0-19
SEEDED - RATE - ROW:	May 19 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 9 157.5 /A

TEST COMMENTS:

Planting went very well. Then the plot received some heavy rains which helped plants grow to 32 to 45 inches tall. Stems were filled with pods and there was good seed size. The location did have some weed pressure that came in late. There was very little lodging, and mature plants made shelling easy.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH2315E3 § ↗	E3	2.3	PK	90.9	11.0	1	160.0	883	1
Renk	RS255NXF ↗	RXF	2.5	M	90.6	9.1	1	160.0	880	2
Hoegemeyer	2395 E ↗	E3	2.3	PK	90.0	10.3	1	160.0	874	3
Xitavo	XO 2444E ↗	E3,ST	2.4	M	86.8	11.0	1	160.0	843	4
Stine	25EG23 § ↗	E3	2.5	M	86.0	10.8	1	154.7	835	5
NuTech	27N07E ↗	E3	2.7	M	83.8	10.3	1	160.0	814	6
Apex	AE2750 ↗	E3	2.7	PK	83.1	10.0	1	160.0	807	7
ProHarvest	25E35 GC ↗	E3	2.5	PK	82.3	11.5	3	160.0	799	8
Asgrow	AG27XF3 § ↗	RXF	2.7	R	81.6	10.9	3	160.0	792	9
Hoegemeyer	2645 E ↗	E3	2.6	M	80.6	10.6	1	160.0	783	10
Asgrow	AG24XF4 § ↗	RXF	2.4	R	80.4	13.0	1	160.0	781	11
NuTech	27N03E ↗	E3	2.7	PK	80.2	10.2	2	160.0	779	12
Titan Pro	TP 25E22 ↗	E3	2.5	PK	79.3	10.1	1	160.0	770	13
Golden Harvest	GH2775E3 § ↗	E3	2.7	M	79.3	12.0	2	160.0	770	14
NuTech	24N05E ↗	E3	2.4	PK	78.4	13.2	1	160.0	761	16
Xitavo	XO 2735E ↗	E3	2.7	M	78.2	9.6	3	160.0	759	17
NuTech	25N05E ↗	E3	2.5	PK	78.0	11.0	1	160.0	757	18
P3 Genetics	2527E ↗	E3	2.7	PK	77.0	10.7	2	160.0	748	19
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	77.0	11.4	2	160.0	748	20
Genesis	G2790E ↗	E3	2.7	PK	76.1	11.1	2	160.0	739	21
FS HiSOY	HS 24F40 ↗	RXF	2.4	M	75.8	11.2	1	154.7	736	22
Xitavo	XO 2305E ↗	E3	2.3	M	75.6	11.9	1	154.7	734	23
Asgrow	AG26XF4 § ↗	RXF	2.6	R	75.5	12.9	1	160.0	733	24
Dyna-Gro	S23EN05 ↗	E3	2.3	M	74.6	11.9	1	160.0	724	25
Xitavo	XO 2625E ↗	E3	2.6	M	72.1	10.6	10	160.0	700	26
Cornelius	CB27XF17 ↗	RXF	2.7	M	67.7	13.3	1	154.7	657	27
P3 Genetics	2325E ↗	E3	2.5	M	65.2	11.9	5	144.0	633	28
FS HiSOY	HS 23E40 ↗	E3	2.3	PK	61.2	11.8	3	138.7	594	29
FS HiSOY	HS 26F20 ↗	RXF	2.6	M	57.0	12.7	1	144.0	553	30
PIONEER	P30A75E CK	E3	3.0	MR	78.5	12.9	2	160.0	762	15
					Averages =	78.1	11.3	2	157.5	758
					LSD (0.10) =	5.3	ns	2		
					LSD (0.25) =	2.8	ns	1		
					C.V. =	6.4	Historic yield: 72.72 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 = \$9.71

Report Date: Oct. 10, 2024

† 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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2024 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] VICTOR, IA
Mike DeRycke, Poweshiek County, IA 52347

Full-Season Test	Maturity Group 2.8 - 3.2 S2024IASC43b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Length Exl, Ams, Buccaneer, Elevate, Triva Pro, Warrior li
SOIL DESCRIPTION:	Ely silty clay loam, moderately drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 7.1 pH, 3.1% OM, 16.5 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Sencor, Zidua Pro, Mso, Am Source, Enlist One, Clethodim, Liberty, Elevate, Miravis Neo, Endigo, Elite
Applied N-P-K (units):	0-0-19
SEEDED - RATE - ROW:	May 19 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 9 159.0 /A

TEST COMMENTS:

Planting went very well. Then the plot received some heavy rains which helped plants grow to 32 to 45 inches tall. Stems were filled with pods and there was good seed size. The location did have some weed pressure that came in late. There was very little lodging, and mature plants made shelling easy.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
P3 Genetics	2331E ↗	E3	3.1	M	90.6	9.0	1	160.0	880	1
Renk	RS284NXF ↗	RXF	2.8	M	89.3	11.1	3	160.0	867	2
Stine	31EF02 § ↗	E3	3.1	M	88.3	11.3	1	160.0	857	3
Pioneer	P28Z89E § ↗	E3	2.8	PK	86.4	9.6	1	160.0	839	4
Dyna-Gro	S31EN14 ↗	E3	3.1	M	85.1	12.0	2	160.0	826	5
Dyna-Gro	S28XF85 ↗	RXF	2.8	M	85.0	10.0	1	160.0	825	6
NuTech	28N03E ↗	E3	2.8	M	84.7	9.7	2	160.0	822	7
FS HiSOY	HS 29E40 ↗	E3	2.9	PK	83.7	11.1	1	160.0	813	8
Genesis	G3171ES ↗	E3,ST	3.1	M	83.6	8.9	1	160.0	812	9
Xitavo	XO 2865E ↗	E3	2.8	M	82.5	11.1	14	160.0	801	10
FS HiSOY	HS 30F40 ↗	RXF	3.0	M	81.9	11.5	6	160.0	795	11
Golden Harvest	GH3035E3 § ↗	E3	3.0	M	81.3	11.3	3	154.7	789	13
Xitavo	XO 3224E ↗	E3	3.2	PK	81.3	11.5	3	160.0	789	14
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	M	81.3	12.0	3	160.0	789	15
FS HiSOY	HS 30E40 ↗	E3,ST	3.0	M	80.7	11.1	3	160.0	784	16
Hoegemeyer	3185 E ↗	E3	3.1	M	80.6	11.5	3	160.0	783	17
Dyna-Gro	S29ES45 ↗	E3,ST	2.9	M	79.7	11.1	6	160.0	774	18
NuTech	32N04E ↗	E3	3.2	M	79.7	12.6	5	160.0	774	19
Genesis	G2960E ↗	E3	2.9	M	79.3	11.1	1	160.0	770	20
Apex	AE3131S ↗	E3,ST	3.1	M	79.1	11.1	5	160.0	768	21
Xitavo	XO 3105E ↗	E3	3.1	M	78.7	11.8	3	160.0	764	22
Apex	AE2940S ↗	E3,ST	2.9	M	77.9	10.1	5	160.0	756	23
NuTech	30N06E ↗	E3	3.0	M	76.8	9.5	2	160.0	746	24
Golden Harvest	GH2925XF ↗	RXF	2.9	M	75.4	10.0	2	160.0	732	25
Xitavo	XO 3014E ↗	E3,ST	3.0	M	75.0	12.0	2	160.0	728	26
Dyna-Gro	S31XF05 ↗	RXF	3.1	M	74.7	11.0	1	160.0	725	27
Renk	RS304NXF ↗	RXF	3.0	M	74.6	13.9	2	160.0	722	28
Cornelius	CB29XF44 ↗	RXF	2.9	M	73.2	9.2	3	138.7	711	29
NuTech	29N05E ↗	E3	2.9	PK	71.5	10.5	2	160.0	694	30
Hoegemeyer	2905 E ↗	E3	2.9	PK	71.4	10.3	2	160.0	693	31
PIONEER	P30A75E CK	E3	3.0	MR	81.4	11.1	2	160.0	790	12
					Averages =	78.4	10.9	3	159.0	761
					LSD (0.10) =	7.1	ns	3		
					LSD (0.25) =	3.7	ns	1		
					C.V. =	8.6				
					Historic yield: 72.72 bu/a, 13 yr(s)					



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Yield & Income Factors:

Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$9.71

Report Date: Oct. 10, 2024

† 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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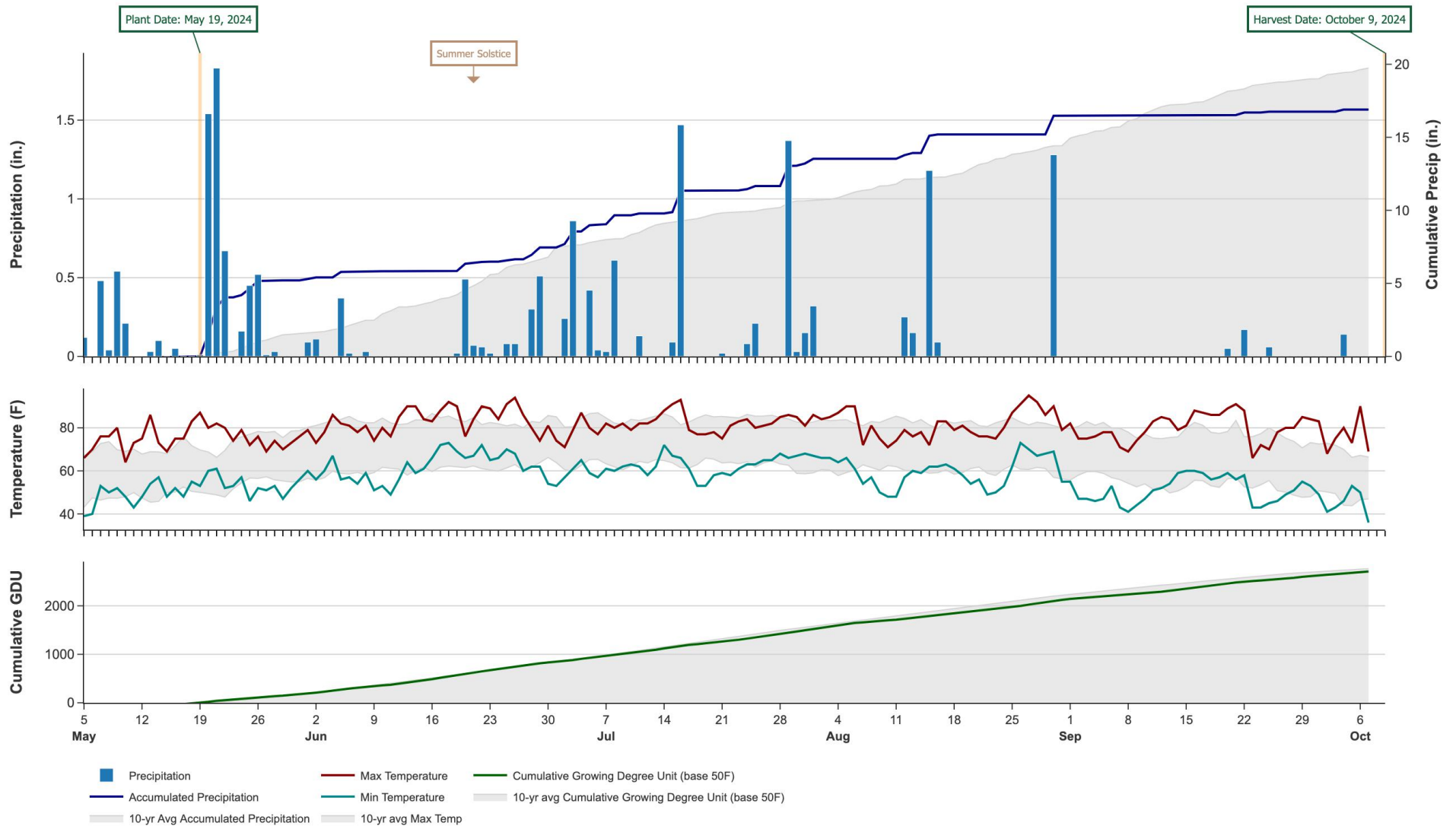
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2024 Soybeans - Iowa South Central [IASC]

Weather Conditions Summary at VICTOR, IA

Weather Data Retrieved: 10/10/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	6.8 3.5 (+3.3)	2.2 5.2 (-3.0)	5.8 3.9 (+1.9)	3.3 3.8 (-0.5)	0.3 4.6 (-4.3)	0.1 0.7 (-0.6)	18.5 21.7 (-3.2)
GDU Avg (Diff)	378 326 (+51)	657 651 (+5)	662 731 (-69)	628 661 (-33)	492 477 (+14)	94 69 (+24)	2911 2918 (-7)



* 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.

2024 Soybeans - Iowa South Central [IASC]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2750	E3	PK	2.7	F,I
Asgrow	AG24XF4 §	RXF	R	2.4	ACi,IL
Asgrow	AG26XF4 §	RXF	R	2.6	ACi,IL
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Cornelius	CB27XF17	RXF	M	2.7	PG+
Dyna-Gro	S23EN05	E3	M	2.3	PLTM
FS HiSOY	HS 23E40	E3	PK	2.3	ACi,SA
FS HiSOY	HS 24F40	RXF	M	2.4	ACi,SA
FS HiSOY	HS 25E30	E3	PK	2.5	ACi,SA
FS HiSOY	HS 26F20	RXF	M	2.6	ACi,SA
Genesis	G2790E	E3	PK	2.7	EcTC,SA
Golden Harvest	GH2315E3 §	E3	PK	2.3	Untreated
Golden Harvest	GH2775E3 §	E3	M	2.7	CMB-APX,SA
Hoegemeyer	2395 E	E3	PK	2.3	Lum, LumT, IL
Hoegemeyer	2645 E	E3	M	2.6	Lum, LumT, IL
NuTech	24N05E	E3	PK	2.4	Lum, LumT, IL
NuTech	25N05E	E3	PK	2.5	Lum, LumT, IL
NuTech	27N03E	E3	PK	2.7	Lum, LumT, IL
NuTech	27N07E	E3	M	2.7	Lum, LumT, IL
P3 Genetics	2325E	E3	M	2.5	PG+
P3 Genetics	2527E	E3	PK	2.7	PG+
Pioneer	P30A75E CK	E3	MR	3.0	Lum
ProHarvest	25E35 GC	E3	PK	2.5	PU
Renk	RS255NXF	RXF	M	2.5	EcTC, NF, SA
Stine	25EG23 §	E3	M	2.5	SA
Titan Pro	TP 25E22	E3	PK	2.5	CMB-APX,SA
Xitavo	XO 2305E	E3	M	2.3	PV,IL,OB,Rey
Xitavo	XO 2444E	E3,ST	M	2.4	PV,IL,OB,Rey
Xitavo	XO 2625E	E3	M	2.6	PV,IL,OB,Rey
Xitavo	XO 2735E	E3	M	2.7	PV,IL,OB,Rey

2024 Soybeans - Iowa South Central [IASC]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2940S	E3,ST	M	2.9	PU
Apex	AE2950	E3	PK	2.9	PU
Apex	AE3131S	E3,ST	M	3.1	PU
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Cornelius	CB29XF44	RXF	M	2.9	PG+
Dyna-Gro	S28XF85	RXF	M	2.8	PLTM
Dyna-Gro	S29ES45	E3,ST	M	2.9	PLTM
Dyna-Gro	S31EN14	E3	M	3.1	PLTM
Dyna-Gro	S31XF05	RXF	M	3.1	PLTM
FS HiSOY	HS 29E40	E3	PK	2.9	ACi,SA
FS HiSOY	HS 30E40	E3,ST	M	3.0	ACi,SA
FS HiSOY	HS 30F40	RXF	M	3.0	ACi,SA
FS HiSOY	HS 31E20	E3,ST	M	3.1	ACi,SA
Genesis	G2960E	E3	M	2.9	EcTC,SA
Genesis	G3171ES	E3,ST	M	3.1	EcTC,SA
Golden Harvest	GH2925XF	RXF	M	2.9	CMB-APX,SA
Golden Harvest	GH3035E3 §	E3	M	3.0	CMB-APX,SA
Hoegemeyer	2905 E	E3	PK	2.9	Lum, LumT, IL
Hoegemeyer	3185 E	E3	M	3.1	Lum, LumT, IL
LG Seeds	LGS2881E3 §	E3	MR	2.8	TFX1,SA
NuTech	28N03E	E3	M	2.8	Lum, LumT, IL
NuTech	29N05E	E3	PK	2.9	Lum, LumT, IL
NuTech	30N06E	E3	M	3.0	Lum, LumT, IL
NuTech	32N04E	E3	M	3.2	Lum, LumT, IL
P3 Genetics	2331E	E3	M	3.1	PG+
P3 Genetics	2429E	E3	M	2.9	PG+
Pioneer	P28Z89E §	E3	PK	2.8	Untreated
Pioneer	P30A75E CK	E3	MR	3.0	Lum
Renk	RS284NXF	RXF	M	2.8	EcTC, NF, SA
Renk	RS304NXF	RXF	M	3.0	EcTC, NF, SA
Stine	30EG32 §	E3	M	3.0	TFX1,SA
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	M	3.0	PV,IL,OB,Rey
Xitavo	XO 3105E	E3	M	3.1	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	PK	3.2	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 Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltró®
CMB-APX,SA	CruiserMaxx® APX with Saltró®
EcTC, NF, SA	Eclipse US Total Coverage, N-Force, Saltró
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltró®
F,I	Fungicide, Insecticide
Lum	LumiGEN™
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PLTM	DynaGro PLTM
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA	Saltró®
TFX1,SA	Stine MyYield, Saltró
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.