

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

2024 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 S2024IASO52a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, Cover Crop / Ams, Glyphosate, Keystone, Callisto
SOIL DESCRIPTION:	Edina silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	high P, medium K, 6.6 pH, 2.6% OM, 18.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Liberty, Glyphosate, Dual, Clethodim
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 30 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 13 142.4 /A

TEST COMMENTS:

This plot was planted into a cover crop and did not receive a good rain for almost a month. Plants were short and filled with pods. No lodging issues were seen. Some areas of the plot struggled with emergence, and plants stood 25 to 38 inches tall. Plants were well-matured and shelled easily with good seed size. There was no weed pressure.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH3035E3 § ↗	E3	3.0	M	73.0	11.1	1	144.0	709	1
NK Brand	NK30-A9E3 ↗	E3	3.0	M	72.1	11.2	1	146.7	700	2
Apex	AE2940S ↗	E3,ST	2.9	M	67.4	10.4	1	138.7	654	3
NK Brand	NK28-B9E3S ↗	E3,ST	2.8	M	67.1	11.3	1	146.7	652	4
FS HiSOY	HS 30E40 ↗	E3,ST	3.0	M	66.5	11.9	1	141.3	646	5
Dyna-Gro	S29ES45 ↗	E3,ST	2.9	M	65.8	10.5	1	138.7	639	6
NK Brand	NK27-J5E3 ↗	E3	2.7	M	65.6	11.9	1	146.7	637	7
Dyna-Gro	S28XF85 ↗	RXF	2.8	M	65.2	10.4	1	141.3	633	8
Titan Pro	TP 29E23 ↗	E3	2.9	M	65.2	10.4	1	144.0	633	9
Pioneer	P28Z89E § ↗	E3	2.8	PK	64.7	9.9	1	146.7	628	10
Asgrow	AG30XF4 § ↗	RXF	3.0	R	64.2	10.0	1	144.0	623	11
Xitavo	XO 3014E ↗	E3,ST	3.0	M	64.1	10.3	1	144.0	622	12
FS HiSOY	HS 30F40 ↗	RXF	3.0	M	63.9	9.9	1	141.3	620	13
Xitavo	XO 2865E ↗	E3	2.8	M	62.8	10.9	1	144.0	610	14
NuTech	30N06E ↗	E3	3.0	M	61.9	10.4	1	136.0	601	15
AgVenture	AV27Y1E § ↗	E3	2.7	PK	61.9	11.2	1	144.0	601	16
Xitavo	XO 2735E ↗	E3	2.7	M	61.8	11.6	1	141.3	600	17
Hoegemeyer	2855 E ↗	E3	2.8	M	60.6	10.1	1	146.7	588	18
NuTech	28N03E ↗	E3	2.8	M	60.5	10.2	1	138.7	587	19
NuTech	29N05E ↗	E3	2.9	PK	60.1	9.7	1	144.0	584	20
AgVenture	AV30B2E GC ↗	E3	3.0	M	60.0	10.9	1	138.7	583	21
FS HiSOY	HS 29E40 ↗	E3	2.9	PK	58.7	11.7	1	144.0	570	23
Pioneer	P28A39E § ↗	E3	2.8	M	58.3	10.9	1	141.3	566	24
Golden Harvest	GH3043E3 ↗	E3	3.0	M	56.9	11.3	1	146.7	552	25
Xitavo	XO 2985E ↗	E3	2.9	M	56.8	9.9	1	141.3	552	26
Apex	AE2950 ↗	E3	2.9	PK	56.6	11.4	1	138.7	550	27
Hoegemeyer	2905 E ↗	E3	2.9	PK	52.9	10.0	1	141.3	514	28
FS HiSOY	HS 28F30 ↗	RXF	2.8	M	51.8	11.1	1	138.7	503	29
NuTech	27N07E ↗	E3	2.7	M	48.6	10.3	1	141.3	472	30
PIONEER	P30A75E CK	E3	3.0	MR	59.6	9.8	1	141.3	579	22



Randy Meinsma

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

Averages = **61.8** **10.7** **1** **142.4** **600**

LSD (0.10) = 5.8 0.3 ns

LSD (0.25) = 3.0 0.2 ns

C.V. = 8.8

Historic yield: 61.5 bu/a, 7 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$9.71

Report Date: 10/13/2024

† 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

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Dan Allred, Wayne County, IA 50060

Full-Season Test	Maturity Group 3.1 - 3.6 S2024IASO52b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, Cover Crop / Ams, Glyphosate, Keystone, Callisto
SOIL DESCRIPTION:	Edina silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	high P, medium K, 6.6 pH, 2.6% OM, 18.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Liberty, Glyphosate, Dual, Clethodim
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 30 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 13 146.9 /A

TEST COMMENTS:

This plot was planted into a cover crop and did not receive a good rain for almost a month. Plants were short and filled with pods. No lodging issues were seen. Some areas of the plot struggled with emergence, and plants stood 25 to 38 inches tall. Plants were well-matured and shelled easily with good seed size. There was no weed pressure.

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	M	77.7	10.5	1	146.7	754	1
FS HiSOY	HS 36F40 ↗	RXF	3.6	M	77.3	10.0	1	152.0	751	2
Dyna-Gro	S35XF44 ↗	RXF	3.5	M	76.1	10.8	1	152.0	739	3
Asgrow	AG36XF4 § ↗	RXF	3.6	R	74.0	9.7	1	144.0	719	4
ProHarvest	35E52 ↗	E3	3.5	M	73.1	9.6	1	141.3	710	5
Apex	AE3550S ↗	E3,ST	3.5	M	72.8	9.6	1	144.0	707	6
NuTech	36N06E ↗	E3	3.6	M	72.8	9.3	1	149.3	707	7
Asgrow	AG33XF3 § ↗	RXF	3.3	R	72.0	9.7	1	144.0	699	8
NuTech	34N02E ↗	E3	3.4	PK	71.7	9.6	1	144.0	696	9
Hoegemeyer	3605 E ↗	E3	3.6	M	71.6	9.5	1	146.7	695	10
Xitavo	XO 3555E ↗	E3,ST	3.5	M	71.0	9.5	1	152.0	689	11
Cornelius	CB36XF60 ↗	RXF	3.6	M	70.9	9.8	1	149.3	688	12
Stine	35EG92 § ↗	E3	3.5	M	70.9	10.5	1	144.0	688	13
Xitavo	XO 3224E ↗	E3	3.2	PK	70.5	9.6	1	144.0	685	14
NK Brand	NK33-Y7E3S § ↗	E3,ST	3.3	PK	70.2	10.6	1	144.0	682	15
Cornelius	CB33XF26 ↗	RXF	3.3	M	70.0	10.9	1	146.7	680	16
FS HiSOY	HS 36E40 ↗	E3,ST	3.6	M	69.7	10.3	1	144.0	677	17
Golden Harvest	GH3355E3S ↗	E3,ST	3.3	PK	69.4	10.3	1	149.3	674	18
Stine	36EE12 § ↗	E3	3.6	M	68.8	10.2	1	149.3	668	19
NuTech	35N05E ↗	E3	3.5	PK	67.3	9.7	1	152.0	653	20
Dyna-Gro	S31EN14 ↗	E3	3.1	M	67.2	10.8	1	149.3	653	21
FS HiSOY	HS 34E40 ↗	E3	3.4	PK	66.5	10.0	1	146.7	646	22
NuTech	32N04E ↗	E3	3.2	M	66.4	9.7	1	149.3	645	23
Genesis	G3580ES ↗	E3,ST	3.5	M	66.2	10.5	1	138.7	643	24
Golden Harvest	GH3655E3S ↗	E3,ST	3.6	M	66.0	10.2	1	149.3	641	25
Stine	31EF02 § ↗	E3	3.1	M	65.9	10.5	1	144.0	640	26
P3 Genetics	2434E ↗	E3	3.4	PK	65.0	9.7	1	149.3	631	27
Hoegemeyer	3185 E ↗	E3	3.1	M	64.8	9.7	1	149.3	629	28
Xitavo	XO 3375E ↗	E3	3.3	M	64.2	10.4	1	144.0	623	29
Apex	AE3131S ↗	E3,ST	3.1	M	63.0	10.0	1	144.0	612	31
PIONEER	P30A75E CK	E3	3.0	MR	63.9	9.7	1	146.7	620	30
					Averages =	68.6	10.1	1	146.9	666
					LSD (0.10) =	4.4	0.3	ns		
					LSD (0.25) =	2.3	0.2	ns		
					C.V. =	6.1				
					Historic yield: 61.5 bu/a, 7 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: 10/13/2024

† 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 exceeded 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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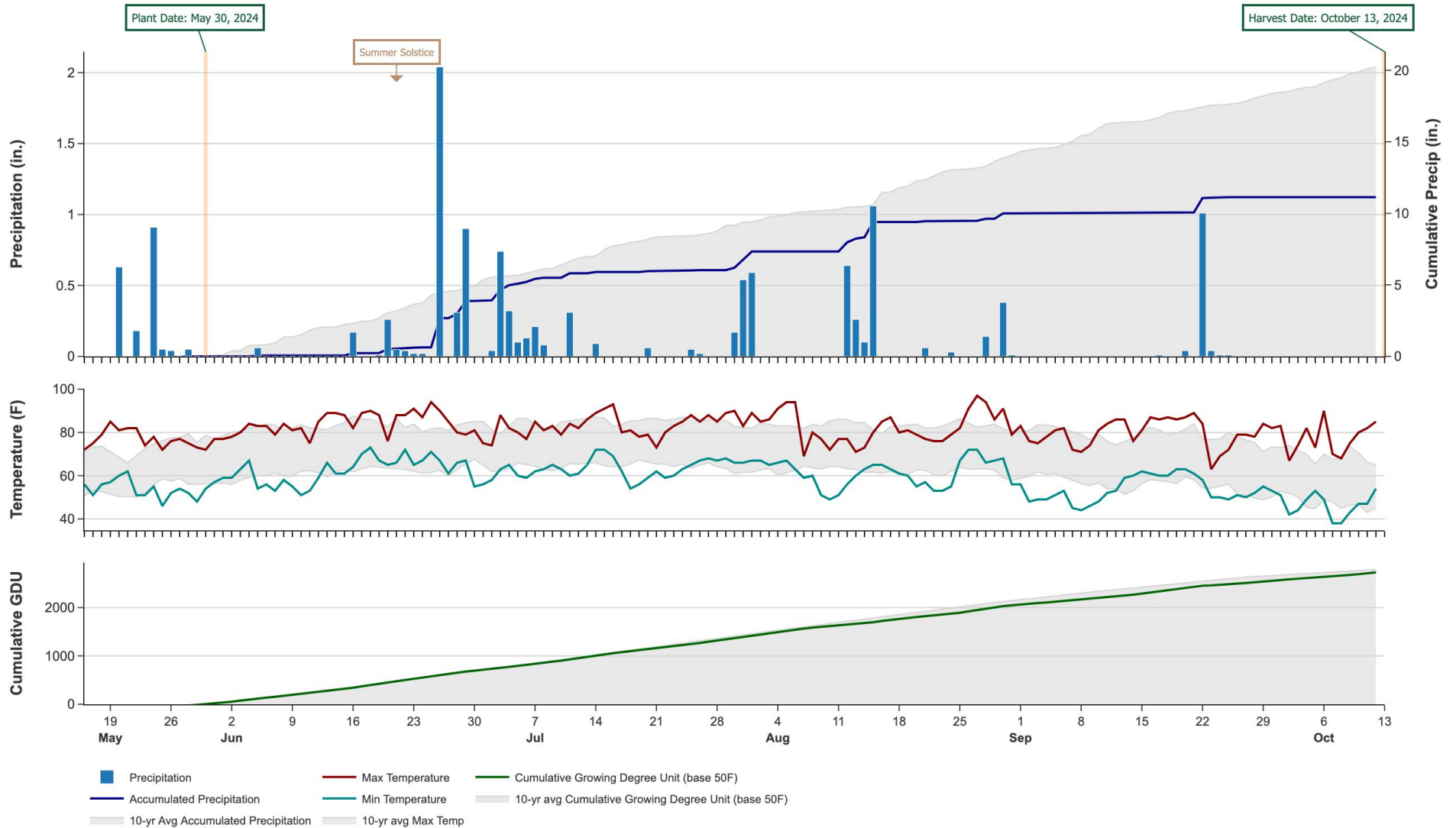
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2024 Soybeans - Iowa South [IASO]

Weather Conditions Summary at CAMBRIA, IA

Weather Data Retrieved: 10/13/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.9 2.7 (-0.8)	3.9 4.8 (-1.0)	2.9 4.5 (-1.6)	3.3 4.7 (-1.4)	1.1 4.3 (-3.2)	0.0 1.9 (-1.9)	13.0 22.8 (-9.8)
GDU Avg (Diff)	249 223 (+25)	678 665 (+12)	702 759 (-57)	650 702 (-52)	512 520 (-8)	166 120 (+45)	2957 2992 (-35)



* 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 [IASO]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV27Y1E §	E3	PK	2.7	CMB
AgVenture	AV30B2E GC	E3	M	3.0	Lum,Lu,Lud,IL
Apex	AE2940S	E3,ST	M	2.9	PU
Apex	AE2950	E3	PK	2.9	PU
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Dyna-Gro	S28XF85	RXF	M	2.8	PLTM
Dyna-Gro	S29ES45	E3,ST	M	2.9	PLTM
FS HiSOY	HS 28F30	RXF	M	2.8	ACi,SA
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
Golden Harvest	GH3035E3 §	E3	M	3.0	CMB-APX,SA
Golden Harvest	GH3043E3	E3	M	3.0	CMB-APX,SA
Hoegemeyer	2855 E	E3	M	2.8	Lum, LumT, IL
Hoegemeyer	2905 E	E3	PK	2.9	Lum, LumT, IL
NK Brand	NK27-J5E3	E3	M	2.7	CMB-APX,SA
NK Brand	NK28-B9E3S	E3,ST	M	2.8	CMB-APX,SA
NK Brand	NK30-A9E3	E3	M	3.0	CMB-APX,SA
NuTech	27N07E	E3	M	2.7	Lum, LumT, IL
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
Pioneer	P28A39E §	E3	M	2.8	Lum, LumT, IL
Pioneer	P28Z89E §	E3	PK	2.8	Lum, LumT, IL
Pioneer	P30A75E CK	E3	MR	3.0	Lum
Titan Pro	TP 29E23	E3	M	2.9	CMB-APX,SA
Xitavo	XO 2735E	E3	M	2.7	PV,IL,OB,Rey
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 2985E	E3	M	2.9	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	M	3.0	PV,IL,OB,Rey

2024 Soybeans - Iowa South [IASO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE3131S	E3,ST	M	3.1	PU
Apex	AE3540S	E3,ST	M	3.5	CMB-APX,SA
Apex	AE3550S	E3,ST	M	3.5	PU
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG36XF4 §	RXF	R	3.6	ACi,IL
Cornelius	CB33XF26	RXF	M	3.3	PG+
Cornelius	CB36XF60	RXF	M	3.6	PG+
Dyna-Gro	S31EN14	E3	M	3.1	PLTM
Dyna-Gro	S35XF44	RXF	M	3.5	PLTM
FS HiSOY	HS 34E40	E3	PK	3.4	ACi,SA
FS HiSOY	HS 34F30	RXF	M	3.4	ACi,SA
FS HiSOY	HS 36E40	E3,ST	M	3.6	ACi,SA
FS HiSOY	HS 36F40	RXF	M	3.6	ACi,SA
Genesis	G3380E	E3	PK	3.3	EcTC,SA
Genesis	G3580ES	E3,ST	M	3.5	EcTC,SA
Golden Harvest	GH3355E3S	E3,ST	PK	3.3	CMB-APX,SA
Golden Harvest	GH3655E3S	E3,ST	M	3.6	CMB-APX,SA
Hoegemeyer	3185 E	E3	M	3.1	Lum, LumT, IL
Hoegemeyer	3605 E	E3	M	3.6	Lum, LumT, IL
NK Brand	NK33-Y7E3S §	E3,ST	PK	3.3	CMB-APX,SA
NK Brand	NK34-Z8E3S §	E3,ST	M	3.4	CMB-APX,SA
NK Brand	NK36-Q6E3S	E3,ST	M	3.6	CMB-APX,SA
NuTech	32N04E	E3	M	3.2	Lum, LumT, IL
NuTech	34N02E	E3	PK	3.4	Lum, LumT, IL
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL
NuTech	36N06E	E3	M	3.6	Lum, LumT, IL
P3 Genetics	2434E	E3	PK	3.4	PG+
Pioneer	P30A75E CK	E3	MR	3.0	Lum
ProHarvest	35E52	E3	M	3.5	PU
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Stine	35EG92 §	E3	M	3.5	TFX1,SA
Stine	36EE12 §	E3	M	3.6	TFX1,SA
Xitavo	XO 3105E	E3	M	3.1	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	PK	3.2	PV,IL,OB,Rey
Xitavo	XO 3375E	E3	M	3.3	PV,IL,OB,Rey
Xitavo	XO 3555E	E3,ST	M	3.5	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, Saltro®
CMB	CruiserMaxx® Beans
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum	LumiGEN™
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
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®
TFX1,SA	Stine MyYield, Saltro

*Seed treatments may include unspecified plant health promoting components.