

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

## 2023 Soybeans Top 30 Harvest Report

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

<b>Early-Season Test</b>	Maturity Group 2.3 - 2.7 S2023IASC43a
<b>Top 30 of 35</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron, Atrazine
<b>SOIL DESCRIPTION:</b>	Downs silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, medium K, 6.1 pH, 3.3% OM, 18.2 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Liberty, Roundup Power Max, Clethodim
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 10 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 9 151.4 /A

### TEST COMMENTS:

Planting went very well and plants emerged with no problem. At harvest, plants stood 31 to 48 inches tall with very good pod sets. Taller plants did have some lodging issues. Seed size was on the smaller side. If the area could have caught better rain at seed filling the plot would have performed better, since there was some aborted seed. No weed pressure here, and plants were well-matured at harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH2544XF § ↗	RXF	2.5	R	<b>84.6</b>	9.0	1	149.3	1076	1
Golden Harvest	GH2674E3 § ↗	E3	2.6	MR	<b>84.2</b>	10.1	1	152.0	1071	2
Genesis	G2480E ↗	E3	2.4	R	<b>83.3</b>	10.6	1	152.0	1060	3
FS HiSOY	HS 27E30 ↗	E3	2.7	R	<b>83.0</b>	9.7	1	152.0	1056	4
Asgrow	AG27XF3 § ↗	RXF	2.7	R	<b>82.4</b>	8.8	1	152.0	1048	5
Pioneer	P25A16E § ↗	E3	2.5	R	<b>82.0</b>	10.3	1	152.0	1043	6
LG Seeds	LGS2505E3 GC ↗	E3	2.5	NA	<b>81.6</b>	10.3	1	152.0	1038	8
P3 Genetics	2325E ↗	E3	2.5	R	<b>81.0</b>	9.7	1	152.0	1030	9
Kruger	K2294XF ↗	RXF	2.2	R	<b>80.7</b>	10.3	1	152.0	1027	10
Channel	2321RFX GC ↗	RXF	2.3	MR	<b>78.7</b>	10.0	1	152.0	1001	11
NuTech	24N05E ↗	E3	2.4	R	<b>78.0</b>	9.6	1	152.0	992	12
Xitavo	XO 2323E ↗	E3	2.3	R	<b>78.0</b>	10.1	1	152.0	992	13
Xitavo	XO 2501E ↗	E3	2.5	R	<b>78.0</b>	9.6	1	152.0	992	14
NuTech	27N03E ↗	E3	2.7	R	<b>77.9</b>	10.2	1	152.0	991	15
P3 Genetics	2326E ↗	E3	2.6	R	<b>77.8</b>	10.0	1	152.0	990	16
NuTech	27N06E ↗	E3	2.7	R	<b>77.5</b>	10.0	1	152.0	986	17
Stine	27EG22 § ↗	E3	2.7	R	<b>76.9</b>	9.5	1	152.0	978	18
FS HiSOY	HS 25E30 ↗	E3	2.5	R	<b>76.8</b>	10.3	1	152.0	977	19
Titan Pro	TP 25E22 ↗	E3	2.5	R	<b>76.3</b>	9.5	1	149.3	971	20
Hoegemeyer	2484 E ↗	E3	2.4	R	<b>76.0</b>	10.0	1	152.0	967	21
Hoegemeyer	2724 E ↗	E3	2.7	R	<b>75.9</b>	9.6	1	152.0	965	22
Xitavo	XO 2444E ↗	E3,ST	2.4	R	<b>75.2</b>	9.2	1	149.3	957	23
Genesis	G2550E ↗	E3	2.5	R	<b>75.0</b>	10.4	1	149.3	954	24
FS HiSOY	HS 26E20 ↗	E3	2.6	R	<b>74.8</b>	10.1	1	152.0	951	25
Brevant	B263EE GC ↗	E3	2.6	R	<b>73.9</b>	8.9	1	152.0	940	26
Stine	24FD32 § ↗	RXF	2.4	R	<b>73.7</b>	10.6	1	152.0	937	27
Kruger	K2604XF ↗	RXF	2.6	R	<b>73.2</b>	9.9	1	144.0	931	28
Xitavo	XO 2613E ↗	E3	2.6	R	<b>72.7</b>	9.6	1	152.0	925	29
FS HiSOY	HS 26F20 ↗	RXF	2.6	R	<b>72.2</b>	9.5	1	152.0	918	30
Asgrow	AG26XF3 § ↗	RXF	2.6	R	<b>71.1</b>	9.7	1	152.0	904	31
<b>PIONEER</b>	<b>P30A75E CK</b>	<b>E3</b>	<b>3.0</b>	<b>MR</b>	<b>81.9</b>	<b>10.1</b>	<b>1</b>	<b>152.0</b>	<b>1042</b>	<b>7</b>
					<b>Averages =</b>	<b>76.5</b>	<b>9.8</b>	<b>1</b>	<b>151.4</b>	<b>973</b>
					<b>LSD (0.10) =</b>	3.2	ns	ns		
					<b>LSD (0.25) =</b>	1.7	ns	ns		
					<b>C.V. =</b>	4.0				
					Historic yield: 72.62 bu/a, 11 yr(s)					



Randy Meinsma

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

### Yield & Income Factors:

Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$12.72

Report Date: 10/10/2023

† 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](http://www.firstseedtests.com)

©2023, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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

## 2023 Soybeans Top 30 Harvest Report

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

<b>Full-Season Test</b>	Maturity Group <b>2.8 - 3.2</b> S2023IASC43b
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron, Atrazine
<b>SOIL DESCRIPTION:</b>	Downs silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, medium K, 6.1 pH, 3.3% OM, 18.2 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Liberty, Roundup Power Max, Clethodim
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 10 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 9 151.6 /A

### TEST COMMENTS:

Planting went very well and plants emerged with no problem. At harvest, plants stood 31 to 48 inches tall with very good pod sets. Taller plants did have some lodging issues. Seed size was on the smaller side. If the area could have caught better rain at seed filling the plot would have performed better, since there was some aborted seed. No weed pressure here, and plants were well-matured at harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Mustang	32E424 ↗	E3	3.2	R	<b>86.0</b>	10.2	1	152.0	1094	1
Xitavo	XO 2832E ↗	E3	2.8	R	<b>84.5</b>	11.1	1	152.0	1075	2
Stine	28EG29 § ↗	E3	2.8	R	<b>83.9</b>	10.3	2	152.0	1067	3
Xitavo	XO 3014E ↗	E3,ST	3.0	R	<b>81.8</b>	9.8	4	152.0	1040	4
Golden Harvest	GH2814E3S § ↗	E3,ST	2.8	MR	<b>81.3</b>	9.6	2	152.0	1034	6
Xitavo	XO 3224E ↗	E3	3.2	R	80.0	9.0	1	152.0	1018	7
Apex	AE3131S ↗	E3,ST	3.1	R	79.5	9.4	2	152.0	1011	8
P3 Genetics	2429E ↗	E3	2.9	R	79.5	9.9	4	152.0	1011	9
Asgrow	AG28XF3 § ↗	RXF	2.8	R	79.5	8.7	1	141.3	1011	10
FS HiSOY	HS 28E10 ↗	E3	2.8	R	79.5	10.9	1	152.0	1011	11
Hoegemeyer	2834 E ↗	E3	2.8	R	79.4	9.6	1	152.0	1010	12
Titan Pro	TP 29E23 ↗	E3	2.9	R	79.1	9.8	7	152.0	1006	13
Genesis	G3171ES ↗	E3,ST	3.1	R	78.7	9.2	1	152.0	1001	14
Genesis	G2960E § ↗	E3	2.9	R	78.3	10.3	1	152.0	996	15
P3 Genetics	2331E ↗	E3	3.1	R	78.3	9.7	2	152.0	996	16
Pioneer	P31A73E § ↗	E3	3.1	R	78.0	9.9	1	152.0	992	17
FS HiSOY	HS 28F30 ↗	RXF	2.8	R	77.3	9.6	2	149.3	983	18
Mustang	29E224 ↗	E3	2.9	R	76.8	9.1	3	152.0	977	19
NuTech	31N07E ↗	E3	3.1	R	76.7	9.1	1	152.0	976	20
Golden Harvest	GH2884XF ↗	RXF	2.8	MR	76.7	9.6	1	152.0	976	21
Hoegemeyer	3134 E ↗	E3	3.1	R	76.5	9.5	1	152.0	973	22
Xitavo	XO 2963E ↗	E3	2.9	R	76.2	9.9	1	152.0	969	23
NuTech	29N02E ↗	E3	2.9	R	76.0	9.6	3	152.0	967	24
Apex	AE2940S ↗	E3,ST	2.9	R	76.0	9.6	1	152.0	967	25
Kruger	K3214XF ↗	RXF	3.2	R	75.1	9.7	1	149.3	955	26
Cornelius	CB29XF44 ↗	RXF	2.9	R	74.6	9.7	1	152.0	949	27
Pioneer	P28A65E § ↗	E3	2.8	R	74.4	8.9	1	152.0	946	28
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	74.0	9.4	2	152.0	941	29
FS HiSOY	HS 32E30 ↗	E3	3.2	R	72.5	9.8	6	152.0	922	30
Golden Harvest	GH3023XF § ↗	RXF	3.0	R	72.0	9.5	1	152.0	916	31
<b>PIONEER</b>	<b>P30A75E CK</b>	<b>E3</b>	<b>3.0</b>	<b>MR</b>	<b>81.5</b>	<b>9.6</b>	<b>1</b>	<b>152.0</b>	<b>1037</b>	<b>5</b>
					Averages =	<b>76.9</b>	<b>9.7</b>	<b>2</b>	<b>151.6</b>	<b>978</b>
					LSD (0.10) =	3.2	0.7	1		
					LSD (0.25) =	1.7	0.3	1		
					C.V. =	4.0				
								Historic yield: 72.62 bu/a, 11 yr(s)		



Randy Meinsma

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

### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$12.72

Report Date: 10/10/2023

† 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](http://www.firstseedtests.com)

©2023, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

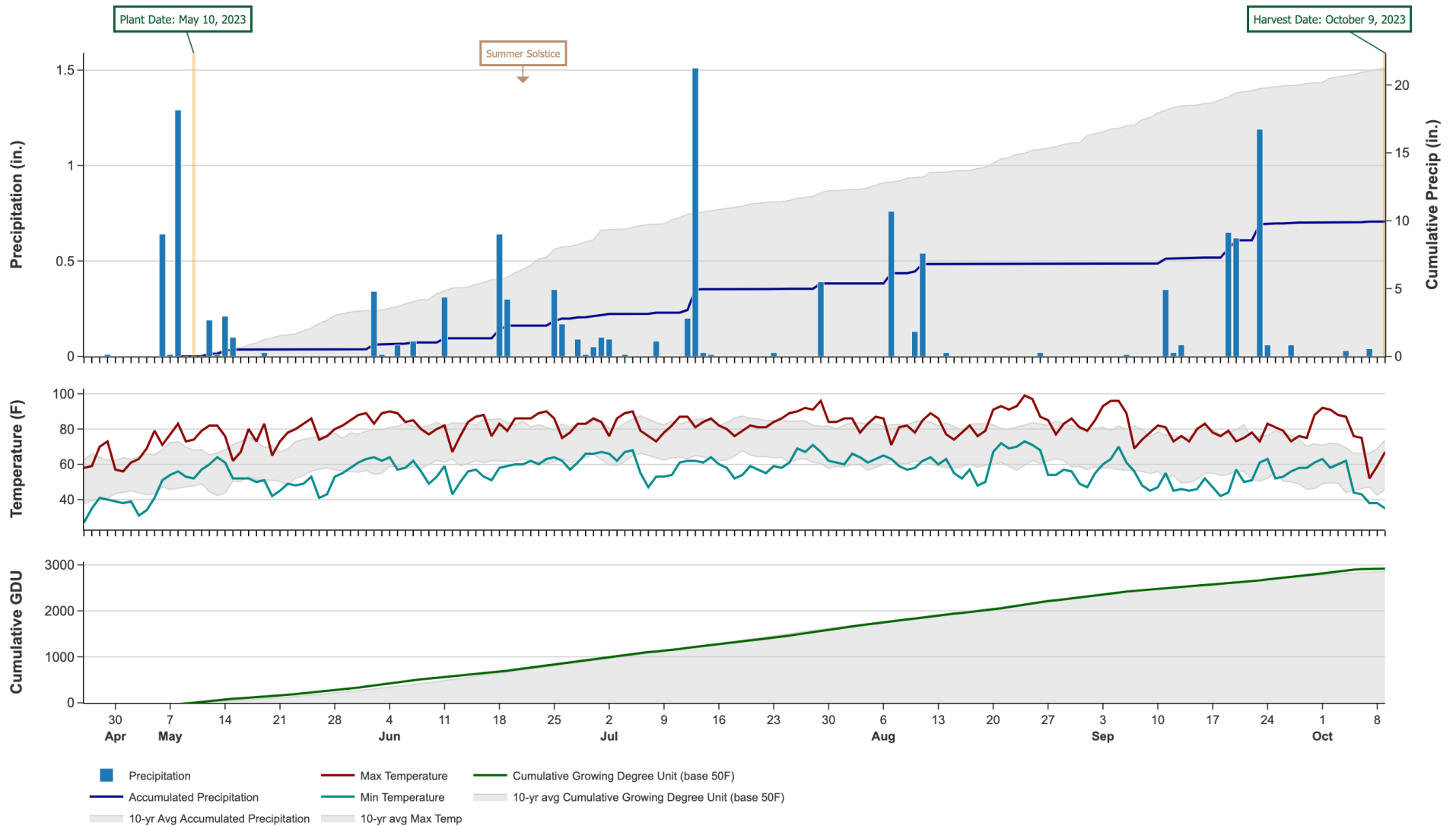
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2023 Soybeans - Iowa South Central [ IASC ]

## Weather Conditions Summary at VICTOR, IA

Weather Data Retrieved: 10/10/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	0.0   0.5 (-0.5)	2.5   4.6 (-2.1)	2.4   5.3 (-2.9)	2.4   3.6 (-1.2)	1.5   3.5 (-2.0)	3.0   4.4 (-1.4)	0.1   1.1 (-1.0)	11.9   23.0 (-11.1)
GDU   Avg (Diff)	22   33 (-11)	432   350 (+81)	618   644 (-26)	666   727 (-61)	672   656 (+15)	502   475 (+26)	128   87 (+40)	3040   2976 (+63)



\* 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 Central [ IASC ]

### Early-Season Test Products (35 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	B263EE GC	E3	R	2.6	Lum,Lu,Lud,IL
Channel	2321RXF GC	RXF	MR	2.3	Untreated
Channel	2721RXF GC	RXF	R	2.7	Untreated
Cornelius	CB27XF72	RXF	R	2.7	PG+
FS HiSOY	HS 25E30	E3	R	2.5	ACi,SA
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA
FS HiSOY	HS 26F20	RXF	R	2.6	ACi,SA
FS HiSOY	HS 27E30	E3	R	2.7	ACi,SA
Genesis	G2480E	E3	R	2.4	EcQ,NF,NH,SA
Genesis	G2550E	E3	R	2.5	EcQ,NF,NH,SA
Genesis	G2780E	E3	R	2.7	EcQ,NF,NH,SA
Golden Harvest	GH2544XF §	RXF	R	2.5	CMB-APX,SA
Golden Harvest	GH2674E3 §	E3	MR	2.6	CMB-APX,SA
Hoegemeyer	2484 E	E3	R	2.4	Lum,Lu,IL
Hoegemeyer	2724 E	E3	R	2.7	Lum,Lu,IL
Kruger	K2294XF	RXF	R	2.2	ACi,IL
Kruger	K2604XF	RXF	R	2.6	ACi,IL
LG Seeds	LGS2505E3 GC	E3	NA	2.5	ASfi,SA
NuTech	24N05E	E3	R	2.4	Lum,Lu,Lud,IL
NuTech	25N04E	E3	R	2.5	Lum,Lu,IL
NuTech	27N03E	E3	R	2.7	Lum,Lu,IL
NuTech	27N06E	E3	R	2.7	Lum,Lu,IL
P3 Genetics	2325E	E3	R	2.5	PG+
P3 Genetics	2326E	E3	R	2.6	PG+
Pioneer	P25A16E §	E3	R	2.5	NA
Pioneer	P30A75E CK	E3	MR	3.0	Lum, LumT, IL
Stine	24FD32 §	RXF	R	2.4	ACi
Stine	27EG22 §	E3	R	2.7	ACi
Titan Pro	TP 25E22	E3	R	2.5	SA,A,R,TU
Xitavo	XO 2323E	E3	R	2.3	PV,IL,OB,Rey
Xitavo	XO 2444E	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

## 2023 Soybeans - Iowa South Central [ IASC ]

### Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2940S	E3,ST	R	2.9	PU
Apex	AE3131S	E3,ST	R	3.1	PU
Asgrow	AG28XF3 §	RXF	R	2.8	ACi,IL
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Cornelius	CB29XF44	RXF	R	2.9	PG+
FS HiSOY	HS 28E10	E3	R	2.8	ACi,SA
FS HiSOY	HS 28F30	RXF	R	2.8	ACi,SA
FS HiSOY	HS 31E20	E3,ST	R	3.1	ACi,SA
FS HiSOY	HS 32E30	E3	R	3.2	ACi,SA
Genesis	G2960E §	E3	R	2.9	EcQ,NF,NH,SA
Genesis	G3171ES	E3,ST	R	3.1	EcQ,NF,NH,SA
Golden Harvest	GH2814E3S §	E3,ST	MR	2.8	CMB-APX,SA
Golden Harvest	GH2884XF	RXF	MR	2.8	NA
Golden Harvest	GH3023XF §	RXF	R	3.0	CMB-APX,SA
Hoegemeyer	2834 E	E3	R	2.8	Lum,Lu,IL
Hoegemeyer	3134 E	E3	R	3.1	Lum,Lu,IL
Kruger	K2816XF	RXF	R	2.8	ACi,IL
Kruger	K3003XF	RXF	R	3.0	ACi,IL
Kruger	K3214XF	RXF	R	3.2	ACi,IL
Mustang	29E224	E3	R	2.9	Treated
Mustang	32E424	E3	R	3.2	Treated
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	29N04E	E3	R	2.9	Lum,Lu,IL
NuTech	31N07E	E3	R	3.1	Lum,Lu,IL
P3 Genetics	2331E	E3	R	3.1	PG+
P3 Genetics	2429E	E3	R	2.9	PG+
Pioneer	P28A65E §	E3	R	2.8	Lum, LumT, IL
Pioneer	P30A75E CK	E3	MR	3.0	Lum, LumT, IL
Pioneer	P31A73E §	E3	R	3.1	Lum, LumT, IL
ProHarvest	32F26	RXF	R	3.2	PU
Stine	28EG29 §	E3	R	2.8	ACi
Titan Pro	TP 29E23	E3	R	2.9	SA,A,R,TU
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
Xitavo	XO 3224E	E3	R	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 Rating

---

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies

---

E3	Enlist E3®
RRX	Roundup Ready 2 Xtend®
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
Untreated	No seed treatment

---

\* Seed treatments may include unspecified plant health promoting components.