

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

## 2023 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] CENTRAL CITY, IA  
Jim Greif, Linn County, IA 52310

<b>Early-Season Test</b>	Maturity Group <b>2.3 - 2.7</b> S2023IASC41a
<b>Top 30 of 35</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron Gt, Atrazine
<b>SOIL DESCRIPTION:</b>	Clyde-Floyd Complex silty clay loam, mod. poorly drained, non- irrigated
<b>SOIL CONDITION:</b>	low P, medium K, 5.8 pH, 3.0% OM, 12.7 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Authority First, Salavar/2-4-D, Buccaneer 5, Liberty
<b>FERTILITY - Applied N:</b>	26 Spring, Strip applied fertilizer and S
<b>Applied N-P-K (units):</b>	26-79-76
<b>SEEDED - RATE - ROW:</b>	May 1 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 10 151.5 /A

### TEST COMMENTS:

*The soil condition was good at planting. We did have 40 mph plus winds while planting which was a challenge. The plot emerged well despite the fact the area only received 2 rain showers above 1 inch during the year and the area was 17 inches below normal. Plants stood 26 to 36 inches tall with good pod sets, small seed size, and no lodging issues. Plants were matured and harvest was easy.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	27N06E ↗	E3	2.7	R	<b>67.2</b>	11.0	1	152.0	857	1
Hoegemeyer	2724 E ↗	E3	2.7	R	<b>66.7</b>	10.4	1	152.0	851	2
NuTech	27N03E ↗	E3	2.7	R	<b>66.2</b>	10.6	1	152.0	845	3
P3 Genetics	2325E ↗	E3	2.5	R	<b>65.8</b>	10.6	1	152.0	840	4
Brevant	B263EE GC ↗	E3	2.6	R	<b>65.2</b>	11.2	1	152.0	832	5
FS HiSOY	HS 26E20 ↗	E3	2.6	R	<b>64.2</b>	11.3	1	152.0	819	7
Pioneer	P25A16E § ↗	E3	2.5	R	63.6	10.4	1	152.0	812	8
Golden Harvest	GH2544XF § ↗	RXF	2.5	R	63.0	11.3	1	152.0	804	9
Stine	24FD32 § ↗	RXF	2.4	R	62.5	11.5	1	149.3	798	10
Xitavo	XO 2613E ↗	E3	2.6	R	62.3	11.2	1	152.0	795	11
LG Seeds	LGS2505E3 GC ↗	E3	2.5	NA	62.2	11.2	1	149.3	794	12
Asgrow	AG27XF3 § ↗	RXF	2.7	R	62.0	10.5	1	152.0	791	13
Golden Harvest	GH2674E3 § ↗	E3	2.6	MR	61.7	10.6	1	152.0	787	14
Stine	27EG22 § ↗	E3	2.7	R	61.0	11.3	1	152.0	778	15
Asgrow	AG26XF3 § ↗	RXF	2.6	R	60.9	11.8	1	152.0	777	16
Cornelius	CB27XF72 ↗	RXF	2.7	R	60.7	10.8	1	152.0	775	17
Xitavo	XO 2501E ↗	E3	2.5	R	60.3	10.6	1	149.3	769	18
Genesis	G2480E ↗	E3	2.4	R	60.3	10.8	1	152.0	769	19
NuTech	24N05E ↗	E3	2.4	R	60.1	9.8	1	152.0	767	20
Xitavo	XO 2323E ↗	E3	2.3	R	59.9	10.0	1	152.0	764	21
Kruger	K2604XF ↗	RXF	2.6	R	59.4	10.4	1	146.7	758	22
P3 Genetics	2326E ↗	E3	2.6	R	59.3	11.4	1	152.0	757	23
FS HiSOY	HS 25E30 ↗	E3	2.5	R	59.0	11.6	1	152.0	753	24
Titan Pro	TP 25E22 ↗	E3	2.5	R	59.0	10.9	1	152.0	753	25
Xitavo	XO 2444E ↗	E3,ST	2.4	R	58.9	10.7	1	152.0	752	26
Channel	2721RFX GC ↗	RXF	2.7	R	57.7	10.0	1	152.0	736	27
NuTech	25N04E ↗	E3	2.5	R	57.7	10.0	1	152.0	736	28
Genesis	G2780E ↗	E3	2.7	R	57.0	11.1	1	152.0	727	29
Genesis	G2550E ↗	E3	2.5	R	56.7	10.7	1	149.3	723	30
FS HiSOY	HS 26F20 ↗	RXF	2.6	R	56.5	10.5	1	152.0	721	31
<b>PIONEER</b>	<b>P30A75E CK</b>	<b>E3</b>	<b>3.0</b>	<b>MR</b>	<b>64.6</b>	<b>10.3</b>	<b>1</b>	<b>152.0</b>	<b>824</b>	<b>6</b>
					<b>Averages =</b>	<b>60.5</b>	<b>10.8</b>	<b>1</b>	<b>151.5</b>	<b>772</b>
					LSD (0.10) =	3.2	ns	ns		
					LSD (0.25) =	1.7	ns	ns		
					C.V. =	5.0				
									Historic yield: 60.68 bu/a, 8 yr(s)	



Randy Meinsma

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### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$12.76

Report Date: 10/12/2023

† 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)

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## 2023 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] CENTRAL CITY, IA  
Jim Greif, Linn County, IA 52310

<b>Full-Season Test</b>	Maturity Group <b>2.8 - 3.2</b> S2023IASC41b
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron Gt, Atrazine
<b>SOIL DESCRIPTION:</b>	Clyde-Floyd Complex silty clay loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	low P, medium K, 5.8 pH, 3.0% OM, 12.7 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Authority First, Salavar/2-4-D, Buccaneer 5, Liberty
<b>FERTILITY - Applied N:</b>	26 Spring, Strip applied fertilizer and S
<b>Applied N-P-K (units):</b>	26-79-76
<b>SEEDED - RATE - ROW:</b>	May 1 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 10 151.6 /A

### TEST COMMENTS:

The soil condition was good at planting. We did have 40 mph plus winds while planting which was a challenge. The plot emerged well despite the fact the area only received 2 rain showers above 1 inch during the year and the area was 17 inches below normal. Plants stood 26 to 36 inches tall with good pod sets, small seed size, and no lodging issues. Plants were matured and harvest was easy.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 3014E ↗	E3,ST	3.0	R	<b>75.1</b>	10.7	1	152.0	958	1
Asgrow	AG30XF4 § ↗	RXF	3.0	R	<b>69.1</b>	10.4	1	152.0	882	2
NuTech	31N07E ↗	E3	3.1	R	<b>68.9</b>	10.3	1	152.0	879	3
Mustang	32E424 ↗	E3	3.2	R	<b>68.7</b>	10.7	1	152.0	877	4
Stine	28EG29 § ↗	E3	2.8	R	<b>66.4</b>	10.7	1	152.0	847	5
FS HiSOY	HS 28E10 ↗	E3	2.8	R	<b>64.5</b>	10.6	1	152.0	823	7
Hoegemeyer	3134 E ↗	E3	3.1	R	64.0	10.1	1	152.0	817	8
Titan Pro	TP 29E23 ↗	E3	2.9	R	63.7	10.8	2	152.0	813	9
NuTech	29N02E ↗	E3	2.9	R	63.4	10.4	1	152.0	809	10
NuTech	29N04E ↗	E3	2.9	R	62.9	10.2	1	152.0	803	11
P3 Genetics	2429E ↗	E3	2.9	R	62.7	10.2	1	152.0	800	12
P3 Genetics	2331E ↗	E3	3.1	R	62.2	11.0	1	152.0	794	13
Pioneer	P28A65E § ↗	E3	2.8	R	61.9	9.9	1	152.0	790	14
Xitavo	XO 3224E ↗	E3	3.2	R	61.8	10.1	2	152.0	789	15
Genesis	G3171ES ↗	E3,ST	3.1	R	61.4	10.8	1	152.0	783	16
Apex	AE2940S ↗	E3,ST	2.9	R	60.6	11.0	1	152.0	773	17
Apex	AE3131S ↗	E3,ST	3.1	R	60.6	10.5	1	152.0	773	18
Kruger	K3003XF ↗	RXF	3.0	R	60.4	10.4	1	152.0	771	19
Xitavo	XO 2963E ↗	E3	2.9	R	60.1	11.2	1	152.0	767	20
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	59.7	10.8	1	149.3	762	21
Xitavo	XO 2832E ↗	E3	2.8	R	59.3	10.8	1	152.0	757	22
Golden Harvest	GH3023XF § ↗	RXF	3.0	R	59.1	11.3	1	152.0	754	23
Cornelius	CB29XF44 ↗	RXF	2.9	R	58.8	10.1	1	152.0	750	24
Pioneer	P31A73E § ↗	E3	3.1	R	58.4	10.8	1	152.0	745	25
Golden Harvest	GH2884XF ↗	RXF	2.8	MR	57.7	10.8	1	149.3	736	26
Asgrow	AG28XF3 § ↗	RXF	2.8	R	57.7	10.9	1	152.0	736	27
Kruger	K3214XF ↗	RXF	3.2	R	57.4	10.3	1	152.0	732	28
FS HiSOY	HS 32E30 ↗	E3	3.2	R	57.3	11.1	1	152.0	731	29
FS HiSOY	HS 28F30 ↗	RXF	2.8	R	57.2	11.4	1	149.3	730	30
Hoegemeyer	2834 E ↗	E3	2.8	R	57.1	10.0	1	152.0	729	31
<b>PIONEER</b>	<b>P30A75E CK</b>	<b>E3</b>	<b>3.0</b>	<b>MR</b>	<b>66.0</b>	<b>10.0</b>	<b>1</b>	<b>152.0</b>	<b>842</b>	<b>6</b>



Randy Meinsma

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Averages = **60.9** **10.6** **1** **151.6** **777**

LSD (0.10) = 3.7 ns ns

LSD (0.25) = 2.0 ns ns

C.V. = 5.8

Historic yield: 60.68 bu/a, 8 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$12.76

Report Date: 10/12/2023

† 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

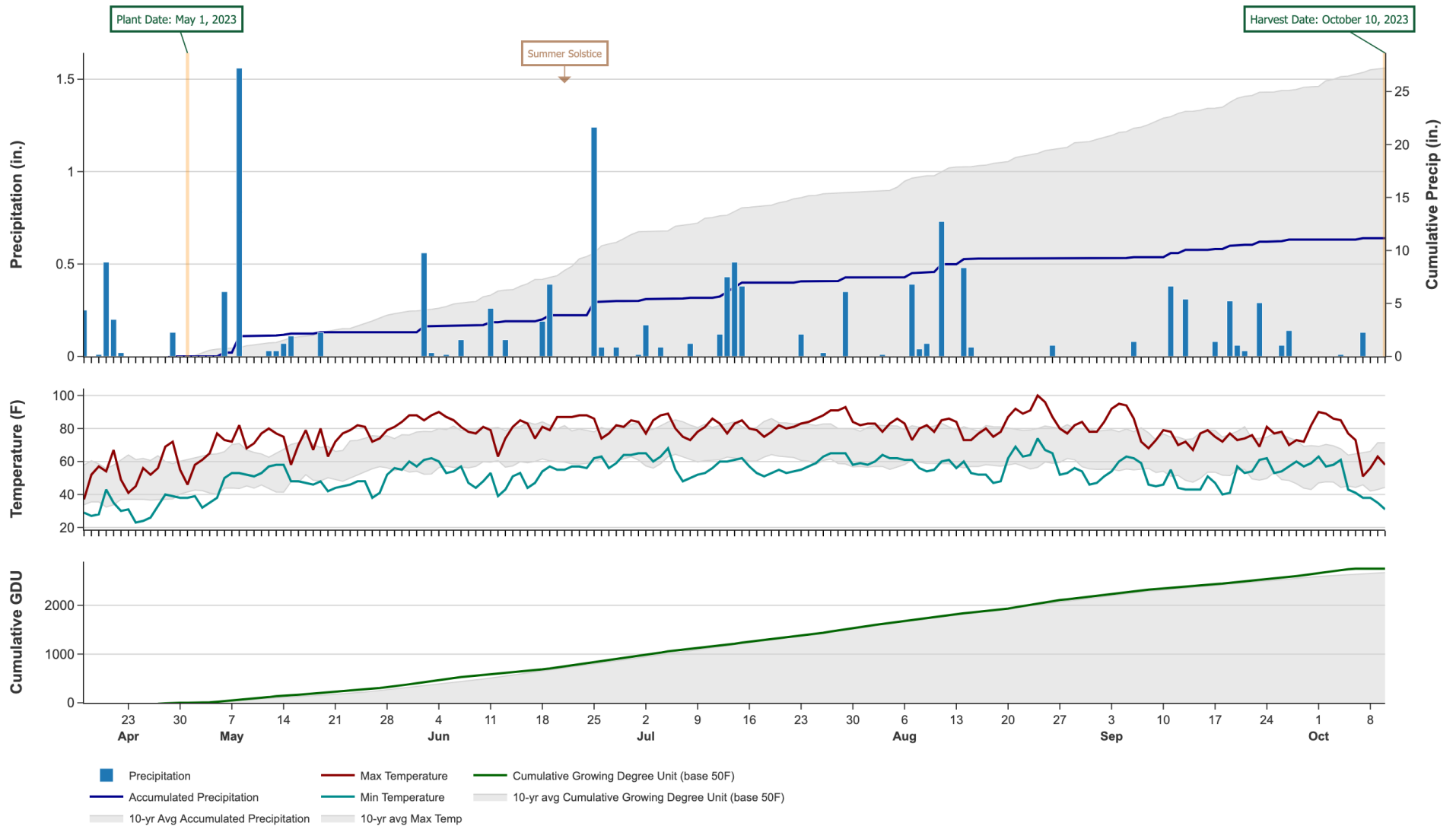
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# 2023 Soybeans - Iowa South Central [ IASC ]

## Weather Conditions Summary at CENTRAL CITY, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	1.1   1.6 (-0.5)	2.3   4.5 (-2.2)	3.0   7.2 (-4.3)	2.2   4.0 (-1.8)	1.8   4.8 (-2.9)	1.7   5.2 (-3.4)	0.1   1.8 (-1.6)	12.3   29.0 (-16.7)
GDU   Avg (Diff)	29   18 (+10)	380   317 (+62)	558   581 (-23)	620   662 (-42)	620   598 (+21)	461   429 (+31)	116   89 (+26)	2784   2698 (+85)



\* 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

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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

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

### Soybeans Technologies

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E3	Enlist E3®
RRX	Roundup Ready 2 Xtend®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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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

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