

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

## 2024 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 2.3 - 2.7 S2024IASC41a
<b>Top 30 of 30</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron Gt, Atrazine
<b>SOIL DESCRIPTION:</b>	Kenyon loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, very high K, 6.4 pH, 2.9% OM, 14.5 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Authority First, Salavar,2,4-D, Buccaneer 5, Liberty
<b>FERTILITY - Applied N:</b>	26-79-76 stripped before planting
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 16 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 12 157.5 /A

### TEST COMMENTS:

Planting went very smoothly at this location and soil conditions were very good. The last couple of years this site was in severe drought but this year they received very good rainfall. Jim did say that yields varied from field to field. This location performed very well. Plants stood 30 to 48 inches tall, some taller plants did have lodging. Pod sets were very good and tight. Plants were matured well and made shelling easy. 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
Renk	RS255NXF ↗	RXF	2.5	M	<b>93.2</b>	9.5	2	158.0	905	1
Stine	25EG23 § ↗	E3	2.5	M	<b>89.9</b>	9.9	1	157.3	873	2
Cornelius	CB27XF17 ↗	RXF	2.7	M	<b>88.7</b>	10.3	1	155.7	861	3
NuTech	27N07E ↗	E3	2.7	M	<b>87.1</b>	10.0	1	158.0	846	4
FS HISOY	HS 24F40 ↗	RXF	2.4	M	<b>86.6</b>	10.1	1	158.0	841	5
Asgrow	AG26XF4 § ↗	RXF	2.6	R	<b>86.4</b>	9.8	1	157.7	839	6
Genesis	G2790E ↗	E3	2.7	PK	<b>85.8</b>	9.9	4	158.0	833	7
Hoegemeyer	2645 E ↗	E3	2.6	M	<b>85.6</b>	9.6	2	157.7	831	8
Asgrow	AG27XF3 § ↗	RXF	2.7	R	<b>84.7</b>	9.8	10	158.0	822	9
FS HISOY	HS 25E30 ↗	E3	2.5	PK	<b>82.1</b>	10.2	7	158.0	797	10
Hoegemeyer	2395 E ↗	E3	2.3	PK	<b>81.8</b>	9.6	1	157.3	794	12
P3 Genetics	2325E ↗	E3	2.5	M	<b>81.5</b>	10.1	4	157.0	791	13
ProHarvest	25E35 GC ↗	E3	2.5	PK	<b>81.0</b>	10.1	19	156.7	787	14
Titan Pro	TP 25E22 ↗	E3	2.5	PK	<b>80.6</b>	10.0	22	156.7	783	15
Apex	AE2750 ↗	E3	2.7	PK	<b>80.6</b>	9.9	14	157.7	783	16
Xitavo	XO 2444E ↗	E3,ST	2.4	M	<b>80.2</b>	9.9	5	158.0	779	17
Golden Harvest	GH2775E3 § ↗	E3	2.7	M	<b>79.5</b>	10.4	21	156.7	772	18
FS HISOY	HS 26F20 ↗	RXF	2.6	M	<b>79.4</b>	9.4	1	158.0	771	19
Xitavo	XO 2625E ↗	E3	2.6	M	<b>78.7</b>	10.1	28	158.0	764	20
NuTech	25N05E ↗	E3	2.5	PK	<b>77.8</b>	9.7	1	157.7	755	21
NuTech	24N05E ↗	E3	2.4	PK	<b>77.7</b>	10.0	2	157.3	754	22
Asgrow	AG24XF4 § ↗	RXF	2.4	R	<b>76.8</b>	9.8	2	157.7	746	23
Dyna-Gro	S23EN05 ↗	E3	2.3	M	<b>76.4</b>	9.9	1	157.7	742	24
P3 Genetics	2527E ↗	E3	2.7	PK	<b>76.2</b>	9.9	5	157.7	740	25
NuTech	27N03E ↗	E3	2.7	PK	<b>76.1</b>	10.0	17	157.3	739	26
Xitavo	XO 2305E ↗	E3	2.3	M	<b>75.2</b>	10.4	1	157.7	730	27
Xitavo	XO 2735E ↗	E3	2.7	M	<b>69.3</b>	10.2	54	157.7	673	28
FS HISOY	HS 23E40 ↗	E3	2.3	PK	<b>68.9</b>	10.2	2	156.7	669	29
Golden Harvest	GH2315E3 § ↗	E3	2.3	PK	<b>68.2</b>	10.4	2	157.7	662	30
<b>PIONEER</b>	<b>P30A75E CK</b>	<b>E3</b>	<b>3.0</b>	<b>MR</b>	<b>82.0</b>	<b>9.7</b>	<b>2</b>	<b>158.0</b>	<b>796</b>	<b>11</b>



Randy Meinsma

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

Averages = **80.6** **10.0** **8** **157.5** **783**

LSD (0.10) = 3.7 0.2 11

LSD (0.25) = 1.9 0.1 6

C.V. = 4.3

Historic yield: 61.17 bu/a, 10 yr(s)

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

Report Date: 10/12/2024

† 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](http://www.firstseedtests.com)

©2024, 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

## 2024 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> S2024IASC41b
<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>	Kenyon loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, very high K, 6.4 pH, 2.9% OM, 14.5 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Authority First, Salavar,2,4-D, Buccaneer 5, Liberty
<b>FERTILITY - Applied N:</b>	26-79-76 stripped before planting
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 16 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 12 157.4 /A

### TEST COMMENTS:

Planting went very smoothly at this location and soil conditions were very good. The last couple of years this site was in severe drought but this year they received very good rainfall. Jim did say that yields varied from field to field. This location performed very well. Plants stood 30 to 48 inches tall, some taller plants did have lodging. Pod sets were very good and tight. Plants were matured well and made shelling easy. 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
Dyna-Gro	S28XF85 ↗	RXF	2.8	M	<b>87.6</b>	10.0	2	158.0	851	1
FS HiSOY	HS 30F40 ↗	RXF	3.0	M	<b>86.9</b>	9.6	11	157.0	844	2
Genesis	G3171ES ↗	E3,ST	3.1	M	<b>86.9</b>	9.8	11	157.3	844	3
Renk	RS284NXF ↗	RXF	2.8	M	<b>86.3</b>	9.7	1	158.0	838	4
Apex	AE3131S ↗	E3,ST	3.1	M	<b>86.3</b>	9.8	8	157.7	838	5
Dyna-Gro	S31XF05 ↗	RXF	3.1	M	<b>86.3</b>	10.3	1	158.0	838	6
NuTech	32N04E ↗	E3	3.2	M	<b>85.0</b>	10.1	1	158.0	825	7
Asgrow	AG30XF4 § ↗	RXF	3.0	R	84.4	9.6	1	158.0	820	8
Hoegemeyer	3185 E ↗	E3	3.1	M	82.9	9.9	1	157.7	805	9
NuTech	30N06E ↗	E3	3.0	M	82.9	10.4	5	158.0	805	10
NuTech	29N05E ↗	E3	2.9	PK	82.4	9.6	1	157.7	800	11
P3 Genetics	2331E ↗	E3	3.1	M	81.1	9.8	9	156.7	787	12
LG Seeds	LGS2881E3 § ↗	E3	2.8	MR	81.0	9.6	21	156.7	787	13
Apex	AE2950 ↗	E3	2.9	PK	80.5	10.4	2	158.0	782	14
FS HiSOY	HS 29E40 ↗	E3	2.9	PK	80.4	10.1	1	158.0	781	15
Genesis	G2960E ↗	E3	2.9	M	80.2	10.1	3	158.0	779	16
Renk	RS304NXF ↗	RXF	3.0	M	80.2	9.7	3	158.0	779	17
FS HiSOY	HS 30E40 ↗	E3,ST	3.0	M	79.7	10.3	5	158.0	774	18
Dyna-Gro	S29ES45 ↗	E3,ST	2.9	M	79.6	9.9	44	157.0	773	19
P3 Genetics	2429E ↗	E3	2.9	M	79.6	9.7	27	157.7	773	20
Hoegemeyer	2905 E ↗	E3	2.9	PK	78.9	9.7	2	157.0	766	21
Golden Harvest	GH3035E3 § ↗	E3	3.0	M	78.9	9.9	39	157.0	766	22
Xitavo	XO 3014E ↗	E3,ST	3.0	M	78.7	10.1	39	157.3	764	23
Stine	31EF02 § ↗	E3	3.1	M	78.6	10.0	15	157.0	763	24
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	M	78.4	9.8	10	157.3	761	25
NuTech	28N03E ↗	E3	2.8	M	78.2	9.9	1	157.7	759	26
Cornelius	CB29XF44 ↗	RXF	2.9	M	78.2	9.6	5	157.0	759	27
Golden Harvest	GH2925XF ↗	RXF	2.9	M	77.6	9.7	5	157.3	753	28
Pioneer	P28Z89E § ↗	E3	2.8	PK	77.5	9.4	4	157.0	753	29
Xitavo	XO 3105E ↗	E3	3.1	M	76.7	10.1	8	157.3	745	31
<b>PIONEER</b>	<b>P30A75E CK</b>	<b>E3</b>	<b>3.0</b>	<b>MR</b>	<b>77.4</b>	<b>9.5</b>	<b>1</b>	<b>157.7</b>	<b>752</b>	<b>30</b>
					Averages =	<b>80.4</b>	<b>9.9</b>	<b>13</b>	<b>157.4</b>	<b>780</b>
					LSD (0.10) =	4.4	0.2	15		
					LSD (0.25) =	2.3	0.1	8		
					C.V. =	5.2				
					Historic yield: 61.17 bu/a, 10 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 = \$9.71

Report Date: 10/12/2024

† 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](http://www.firstseedtests.com)

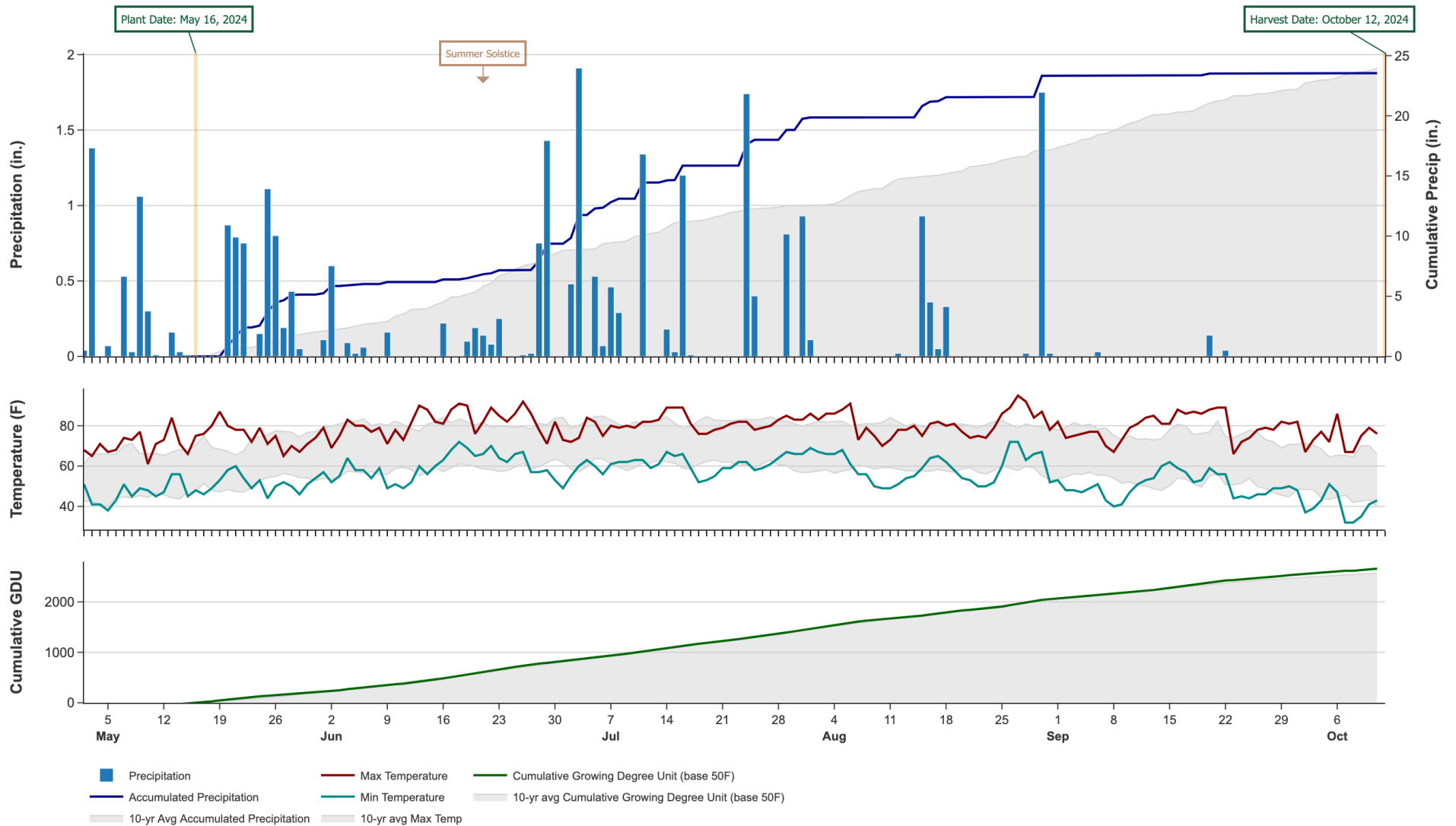
©2024, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

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

# 2024 Soybeans - Iowa South Central [ IASC ]

## Weather Conditions Summary at CENTRAL CITY, IA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	8.8   3.9 (+4.9)	4.2   6.5 (-2.3)	10.4   4.0 (+6.4)	3.6   4.6 (-1.0)	0.2   5.0 (-4.8)	0.0   1.8 (-1.8)	27.2   25.8 (+1.4)
GDU   Avg (Diff)	368   318 (+49)	606   584 (+21)	632   663 (-31)	614   601 (+12)	475   430 (+44)	128   98 (+29)	2823   2697 (+125)



\* 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 Rating

---

S	susceptible
MR	moderate resistance
R	resistant
n/a	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, Saltra®
CMB-APX,SA	CruiserMaxx® APX with Saltra®
EcTC, NF, SA	Eclipse US Total Coverage, N-Force, Saltra
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltra®
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	Saltra®
TFX1,SA	Stine MyYield, Saltra
Untreated	No seed treatment

---

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