

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

## 2021 Soybeans Top 30 Harvest Report

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

<b>Early-Season Test</b>	Maturity Group <b>2.3 - 2.7</b> S2021IASC43a
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron
<b>SOIL DESCRIPTION:</b>	Downs silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.0 pH, 3.4% OM, 16.3 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Boundary, Zidua Sc, 2-4d, Enlist One, Liberty, Fusilade
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 12 140.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 19 137.0 /A

### TEST COMMENTS:

*Planting conditions were very good at this site. Last year, the Derecho storm hit the corn plot at this location. Plants were 34 to 48 inches tall and full of pods, with no major lodging which made harvest easy. Seed size was small. Very few green stems, so plants matured well. Dan stated that yields looked very good in the area.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Zinesto	Z2401E ↗	E3	2.4	R	<b>98.9</b>	11.1	2	137.0	1199	1
Xitavo	XO 2501E ↗	E3	2.5	R	<b>95.4</b>	10.4	1	137.0	1156	2
Zinesto	Z2300E ↗	E3	2.3	R	<b>93.4</b>	11.7	2	137.0	1132	3
Kruger	K2391XF ↗	RXF	2.3	R	<b>93.0</b>	15.2	1	137.0	1121	4
NK Brand	NK25-C9XF ↗	RXF	2.5	MR	90.5	10.6	2	137.0	1097	5
Hefty	H24XF2 ↗	RXF	2.4	NA	89.8	12.7	14	137.0	1088	6
Kruger	K2604XF ↗	RXF	2.6	R	89.2	12.6	3	137.0	1081	7
P3 Genetics	2126E ↗	E3	2.6	R	89.1	11.6	1	137.0	1080	8
Apex	AE2420S ↗	E3,ST	2.4	R	88.8	12.7	25	137.0	1076	9
Zinesto	Z2700E ↗	E3	2.7	R	88.2	12.0	2	137.0	1069	11
Champion	2612XL GC ↗	RXF	2.6	NA	87.2	11.5	5	137.0	1057	12
LG Seeds	LGS2561XF GC ↗	RXF	2.6	R	87.2	11.9	6	137.0	1057	13
NuTech	26N06E ↗	E3	2.6	R	87.2	12.1	5	137.0	1057	14
Zinesto	Z2302SE ↗	E3,ST	2.3	NA	87.0	12.1	1	137.0	1054	15
Hefty	H23XF1 ↗	RXF	2.3	NA	87.0	11.3	2	137.0	1054	16
Hefty	H25XF1 ↗	RXF	2.5	NA	86.7	12.4	33	137.0	1051	17
FS HiSOY	27E10 ↗	E3	2.7	R	86.4	10.8	2	137.0	1047	18
Stine	24EE32 § ↗	E3	2.4	R	86.1	11.2	6	137.0	1044	19
Hoegemeyer	2421 E ↗	E3	2.4	R	86.0	11.7	6	137.0	1042	20
Credenz	CZ 2550GTLL ↗	LLGT27	2.5	MR	86.0	11.3	4	137.0	1042	21
Cornelius	CB27XF34 ↗	RXF	2.7	R	85.8	12.5	3	137.0	1040	22
Kruger	K2594XF ↗	RXF	2.5	R	85.5	12.0	13	137.0	1036	23
Golden Harvest	GH2562XF ↗	RXF	2.5	R	85.4	14.0	12	137.0	1033	26
Latham	L 2786 XF ↗	RXF	2.7	R	85.3	11.6	8	137.0	1034	24
LG Seeds	LGS2348E3 § ↗	E3	2.3	R	85.3	10.6	1	137.0	1034	25
Golden Harvest	GH2722XF § ↗	RXF	2.7	MR	85.2	11.8	2	137.0	1033	27
Channel	2420RFX GC ↗	RXF	2.4	R	85.2	11.1	12	137.0	1033	28
NK Brand	NK27-A7XF § ↗	RXF	2.7	MR	84.7	11.9	15	137.0	1027	29
Latham	L 2638 E3 ↗	E3	2.6	R	84.6	12.0	2	137.0	1025	30
LG Seeds	LGS2491XF § ↗	RXF	2.4	NA	84.4	10.8	2	137.0	1023	31
Pioneer	P29T37E CK	E3	2.9	NA	88.4	11.2	19	137.0	1071	10
					<b>Averages =</b>	<b>85.8</b>	<b>11.8</b>	<b>7</b>	<b>137.0</b>	<b>1039</b>
					<b>LSD (0.10) =</b>	5.2	ns	11		
					<b>LSD (0.25) =</b>	2.7	ns	6		
					<b>C.V. =</b>	5.8				



Randy Meinsma

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Historic yield: 68.73 bu/a, 9 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$12.12

Report Date: 10/21/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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## 2021 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> S2021IASC43b
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron
<b>SOIL DESCRIPTION:</b>	Downs silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.0 pH, 3.4% OM, 16.3 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Boundary, Zidua Sc, 2-4d, Enlist One, Liberty, Fusilade
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 12 140.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 19 136.9 /A

### TEST COMMENTS:

*Planting conditions were very good at this site. Last year, the Derecho storm hit the corn plot at this location. Plants were 34 to 48 inches tall and full of pods, with no major lodging which made harvest easy. Seed size was small. Very few green stems, so plants matured well. Dan stated that yields looked very good in the area.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	28EC32 § ↗	E3	2.8	R	<b>97.7</b>	10.6	3	137.0	1184	1
Apex	AE2920 ↗	E3	2.9	R	<b>97.6</b>	10.8	1	137.0	1183	2
Latham	E 2959 E3 ↗	E3	2.9	R	<b>95.2</b>	10.4	19	137.0	1154	3
Zinesto	Z3202E ↗	E3	3.2	NA	<b>94.8</b>	10.8	20	137.0	1149	4
NuTech	28N02E ↗	E3	2.8	R	93.4	10.6	5	137.0	1132	5
P3 Genetics	2231E ↗	E3	3.1	R	92.9	11.0	11	137.0	1126	6
Asgrow	AG31XF2 § ↗	RXF	3.1	R	92.6	10.7	9	137.0	1122	7
Apex	AE3220 ↗	E3	3.2	R	92.2	10.7	1	137.0	1117	8
FS HiSOY	28E10 ↗	E3	2.8	R	91.3	10.8	17	137.0	1107	9
P3 Genetics	2229E ↗	E3	2.9	R	91.1	10.8	1	135.7	1104	10
NK Brand	NK29-A5E3 § ↗	E3	2.9	MR	90.1	10.6	1	137.0	1092	11
Kruger	K3103XF ↗	RXF	3.1	R	89.7	10.6	6	137.0	1087	12
Hoegemeyer	2831 E ↗	E3	2.8	R	89.7	10.4	21	137.0	1087	13
Asgrow	AG30XF2 § ↗	RXF	3.0	R	89.6	11.0	9	137.0	1086	14
NuTech	29N02E ↗	E3	2.9	R	89.5	10.9	34	137.0	1085	15
Xitavo	XO 2832E ↗	E3	2.8	R	89.1	11.3	17	137.0	1080	16
Golden Harvest	GH3132E3 ↗	E3	3.1	R	89.0	10.6	2	137.0	1079	17
Xitavo	XO 2921E ↗	E3	2.9	R	88.2	11.3	17	137.0	1069	18
Channel	2922RFX GC ↗	RXF	2.9	R	87.7	10.4	1	137.0	1063	19
FS HiSOY	31F10 ↗	RXF	3.1	R	87.5	11.1	10	137.0	1060	20
Golden Harvest	GH2922E3 ↗	E3	2.9	R	87.0	10.8	14	137.0	1054	21
Genesis	G3260E ↗	E3	3.2	R	87.0	10.7	36	137.0	1054	22
Genesis	G2960E ↗	E3	2.9	R	87.0	12.1	17	137.0	1054	23
Zinesto	Z3001E ↗	E3	3.0	R	86.5	10.6	5	137.0	1048	24
Hefty	H28XF2 ↗	RXF	2.8	NA	86.4	11.2	3	137.0	1047	25
Hoegemeyer	3141 E ↗	E3	3.1	R	86.2	11.7	28	137.0	1045	26
FS HiSOY	29F10 ↗	RXF	2.9	R	86.0	11.0	39	137.0	1042	27
Latham	L 2894 E3 ↗	E3	2.8	R	85.0	11.0	1	135.7	1030	28
Cornelius	CB31XF42 ↗	RXF	3.1	R	84.5	10.7	8	137.0	1024	30
Hefty	H31XF2 ↗	RXF	3.1	NA	83.8	10.4	2	137.0	1016	31
Pioneer	P29T37E CK	E3	2.9	NA	84.9	11.3	9	137.0	1028	29



Randy Meinsma

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Averages = **86.4** **10.9** **13** **136.9** **1047**

LSD (0.10) = 7.1 ns ns

LSD (0.25) = 3.7 ns ns

C.V. = 7.8

Historic yield: 68.73 bu/a, 9 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$12.12

Report Date: 10/21/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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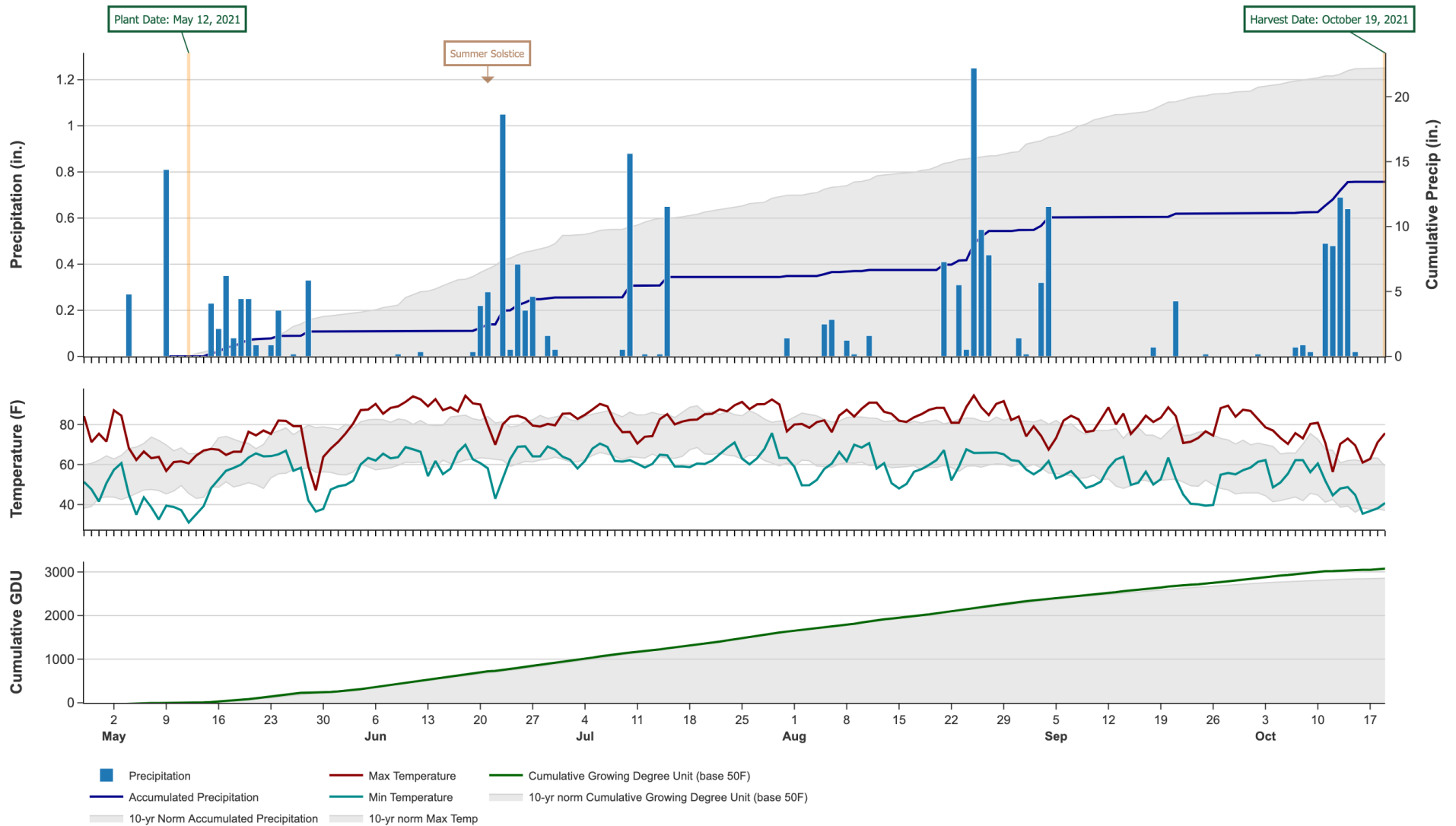
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# 2021 Soybeans - Iowa South Central [ IASC ]

## Weather Conditions Summary at VICTOR, IA

Weather Data Retrieved: 10/21/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.0   0.4 (-0.4)	3.0   4.6 (-1.6)	2.6   5.6 (-2.9)	1.7   3.7 (-2.1)	3.5   3.4 (+0.2)	1.3   4.7 (-3.4)	2.4   1.8 (+0.7)	14.5   24.0 (-9.5)
GDU   Normal (Diff)	41   6 (+34)	334   360 (-26)	668   629 (+38)	716   749 (-33)	683   651 (+31)	511   440 (+70)	248   133 (+114)	3201   2970 (+230)



\* 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.

## 2021 Soybeans - Iowa South Central [ IASC ]

### Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2420S	E3,ST	R	2.4	CMBV,SA
Apex	AE2610	E3	R	2.6	CMBV,SA
Champion	2612XL GC	RXF	NA	2.6	NA
Channel	2420RXF GC	RXF	R	2.4	ACi,IL
Channel	2521RXF GC	RXF	NA	2.5	ACi
Cornelius	CB26XF76	RXF	R	2.6	PG+
Cornelius	CB27XF34	RXF	R	2.7	PG+
Credenz	CZ 2550GTLL	LLGT27	MR	2.5	PV,IL,OB
Credenz	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
FS HiSOY	23F10	RXF	R	2.3	ACi,B-200
FS HiSOY	27E10	E3	R	2.7	ACi,B-200
FS HiSOY	27F10	RXF	R	2.7	ACi,B-200
Genesis	G2460ES	E3,ST	R	2.4	CMBV,SA
Golden Harvest	GH2562XF	RXF	R	2.5	CMBV,SA
Golden Harvest	GH2722XF §	RXF	MR	2.7	CMBV,SA
Hefty	H23XF1	RXF	NA	2.3	DST4,SA
Hefty	H24XF2	RXF	NA	2.4	DST4,SA
Hefty	H25XF1	RXF	NA	2.5	DST4,SA
Hefty	H26XF2	RXF	NA	2.6	DST4,SA
Hoegemeyer	2421 E	E3	R	2.4	Lum,Lu,IL
Hoegemeyer	2660 E	E3	R	2.6	Lum,Lu,IL
Kruger	K2391XF	RXF	R	2.3	ACi,IL
Kruger	K2594XF	RXF	R	2.5	ACi,IL
Kruger	K2604XF	RXF	R	2.6	ACi,IL
Kruger	K2793XF	RXF	R	2.7	ACi,IL
Latham	L 2458 E3	E3	R	2.4	SS+,SA
Latham	L 2494 XF	RXF	R	2.4	SS+,SA
Latham	L 2638 E3	E3	R	2.6	SS+,SA
Latham	L 2786 XF	RXF	R	2.7	SS+,SA
LG Seeds	LGS2348E3 §	E3	R	2.3	NA
LG Seeds	LGS2491XF §	RXF	NA	2.4	NA
LG Seeds	LGS2561XF GC	RXF	R	2.6	ASfi,SA
NK Brand	NK25-C9XF	RXF	MR	2.5	CMBV,SA
NK Brand	NK27-A7XF §	RXF	MR	2.7	CMBV,SA
NuTech	24N04E	E3	R	2.4	Lum,Lu,IL
NuTech	26N06E	E3	R	2.6	Lum,Lu,IL
P3 Genetics	2126E	E3	R	2.6	PG+
Pioneer	P25T09E §	E3	R	2.5	Treated
Pioneer	P29T37E CK	E3	NA	2.9	NA
Renk	RS242NXF	RXF	R	2.4	EcTC,SA
Stine	24EE32 §	E3	R	2.4	SFI
Stine	25EB32 §	E3	R	2.5	SFI

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 2472E	E3	R	2.4	PV,IL,OB
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB
Zinesto	Z2300E	E3	R	2.3	DST4,SA
Zinesto	Z2302SE	E3,ST	NA	2.3	DST4,SA
Zinesto	Z2401E	E3	R	2.4	DST4,SA
Zinesto	Z2700E	E3	R	2.7	DST4,SA

## 2021 Soybeans - Iowa South Central [ IASC ]

### Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2920	E3	R	2.9	CMBV,SA
Apex	AE3220	E3	R	3.2	CMBV,SA
Asgrow	AG30XF2 §	RXF	R	3.0	ACi,IL
Asgrow	AG31XF2 §	RXF	R	3.1	ACi
Channel	2922RXF GC	RXF	R	2.9	ACi,IL
Cornelius	CB29XF09	RXF	R	2.9	PG+
Cornelius	CB31XF42	RXF	R	3.1	PG+
Credenz	CZ 3099GTLL	LLGT27	R	3.1	PV,IL,OB
FS HiSOY	28E10	E3	R	2.8	ACi,B-200
FS HiSOY	29F10	RXF	R	2.9	ACi,B-200
FS HiSOY	31F10	RXF	R	3.1	ACi,B-200
FS HiSOY	32F10	RXF	R	3.2	ACi,B-200
Genesis	G2960E	E3	R	2.9	CMBV,SA
Genesis	G3260E	E3	R	3.2	CMBV,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Golden Harvest	GH3132E3	E3	R	3.1	CMBV,SA
Golden Harvest	GH3192XF	RXF	MR	3.1	CMBV,SA
Hefty	H28XF2	RXF	NA	2.8	DST4,SA
Hefty	H30XF2	RXF	NA	3.0	DST4,SA
Hefty	H31XF2	RXF	NA	3.1	DST4,SA
Hoegemeyer	2831 E	E3	R	2.8	Lum,Lu,IL
Hoegemeyer	3141 E	E3	R	3.1	Lum,Lu,IL
Kruger	K2885XF	RXF	R	2.8	ACi,IL
Kruger	K2902XF	RXF	R	2.9	ACi,IL
Kruger	K3003XF	RXF	R	3.0	ACi,IL
Kruger	K3103XF	RXF	R	3.1	ACi,IL
Latham	E 2959 E3	E3	R	2.9	SS+,SA
Latham	L 2839 LLGT27	LLGT27	R	2.8	SS+,SA
Latham	L 2894 E3	E3	R	2.8	SS+,SA
Latham	L 3086 XF	RXF	R	3.0	SS+,SA
NK Brand	NK28-T3XF	RXF	R	2.8	CMBV,SA
NK Brand	NK29-A5E3 §	E3	MR	2.9	CMBV,SA
NuTech	28N02E	E3	R	2.8	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	30N05E	E3	R	3.0	Lum,Lu,IL
NuTech	31N06E	E3	R	3.1	Lum,Lu,IL
P3 Genetics	2229E	E3	R	2.9	PG+
P3 Genetics	2231E	E3	R	3.1	PG+
Pioneer	P29T37E CK	E3	NA	2.9	NA
Renk	RS282NXF	RXF	R	2.8	EcTC,SA
Stine	28EC32 §	E3	R	2.8	SFI
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Zinesto	Z2902E	E3	NA	2.9	DST4,SA
Zinesto	Z3001E	E3	R	3.0	DST4,SA
Zinesto	Z3101E	E3	R	3.1	DST4,SA
Zinesto	Z3202E	E3	NA	3.2	DST4,SA

## 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
LLGT27	LibertyLink® GT27®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ASfi,SA	AgriShield Max with Saltro®
CMBV,SA	Cruisermass® Beans, Vibrance®, Saltro®
DST4,SA	Dominance 4 ST,Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SF1	Stine XP F&I
SS+,SA	SoyShield Plus, Saltro®
Treated	Treated, unspecified

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