

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

2021 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] HAMLIN, IA
Brian Jensen, Audubon County, IA

Early-Season Test	Maturity Group 2.3 - 2.7 S2021IASC44a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acetochlor Atz, Lexar E2
SOIL DESCRIPTION:	Marshall silty clay loam, well drained, non-irrigated
SOIL CONDITION:	low P, medium K, 6.3 pH, 3.8% OM, 19.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Zidua Rro, 2,4-D, Liberty, Roundup, Fusilade Dx
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 6 160.0 /A 15" spacing
HARVESTED - STAND:	Nov 6 156.4 /A

TEST COMMENTS:

Planting went very well with no-till into corn stalks, and plants emerged very well. The plants stood 33 to 49 inches tall and pod sets were close with multiple pods. Plants were matured and harvest went well. Seed size was small. The location received rainfall when plants needed it to fill and performed very well.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H23XF1 ↗	RXF	2.3	NA	93.4	13.3	11	155.3	1131	3
Golden Harvest	GH2562XF ↗	RXF	2.5	R	93.4	12.5	34	157.0	1132	2
Apex	AE2610 ↗	E3	2.6	R	93.2	12.8	5	155.3	1130	4
Champion	2612XL GC ↗	RXF	2.6	NA	92.3	13.4	7	157.0	1118	5
Hoegemeyer	2660 E ↗	E3	2.6	R	92.2	12.6	4	157.0	1117	6
Kruger	K2594XF ↗	RXF	2.5	R	91.8	13.3	22	155.3	1112	8
Hefty	H26XF2 ↗	RXF	2.6	NA	91.8	12.8	25	157.0	1113	7
Kruger	K2391XF ↗	RXF	2.3	R	91.4	13.2	13	155.3	1107	9
Cornelius	CB27XF34 ↗	RXF	2.7	R	91.3	13.1	18	157.0	1106	10
Genesis	G2460ES ↗	E3,ST	2.4	R	90.9	12.9	8	157.0	1102	11
Hoegemeyer	2421 E ↗	E3	2.4	R	90.2	12.8	18	157.0	1093	12
Kruger	K2604XF ↗	RXF	2.6	R	89.7	13.4	20	157.0	1086	13
Zinesto	Z2300E ↗	E3	2.3	R	89.4	12.9	23	157.0	1084	14
NuTech	24N04E ↗	E3	2.4	R	89.2	12.9	25	157.0	1081	15
Xitavo	XO 2472E ↗	E3	2.4	R	89.2	13.0	19	157.0	1081	16
Latham	L 2638 E3 ↗	E3	2.6	R	88.7	12.9	13	157.0	1075	17
NuTech	26N06E ↗	E3	2.6	R	88.4	12.7	14	157.0	1071	18
Zinesto	Z2700E ↗	E3	2.7	R	87.8	13.2	19	157.0	1064	19
FS HiSOY	27E10 ↗	E3	2.7	R	87.7	12.8	2	157.0	1063	20
Apex	AE2420S ↗	E3,ST	2.4	R	87.6	12.7	20	157.0	1062	21
Latham	L 2786 XF ↗	RXF	2.7	R	87.4	13.6	12	157.0	1058	22
Renk	RS242NXF ↗	RXF	2.4	R	86.4	12.6	15	155.3	1047	23
Golden Harvest	GH2722XF § ↗	RXF	2.7	MR	86.2	12.7	21	157.0	1045	24
NK Brand	NK27-A7XF § ↗	RXF	2.7	MR	86.0	12.5	5	155.3	1042	25
Credenz	CZ 2550GTLL ↗	LLGT27	2.5	MR	85.2	13.0	10	157.0	1033	26
Cornelius	CB26XF76 ↗	RXF	2.6	R	85.1	13.0	28	157.0	1031	27
Latham	L 2458 E3 ↗	E3	2.4	R	84.8	13.0	23	157.0	1028	28
Xitavo	XO 2501E ↗	E3	2.5	R	84.6	12.2	9	155.3	1025	29
Channel	2420RXF GC ↗	RXF	2.4	R	84.6	12.9	50	153.7	1025	30
FS HiSOY	27F10 ↗	RXF	2.7	R	84.3	12.7	51	155.3	1022	31
Pioneer	P29T37E CK	E3	2.9	NA	94.0	12.9	45	157.0	1139	1
					Averages =	86.4	13.0	19	156.4	1047
					LSD (0.10) =	4.2	0.4	14		
					LSD (0.25) =	2.2	0.2	7		
Randy Meinsma					C.V. =	4.7				
randym@firstseedtests.com, (815) 238-8007										Historic yield: new site

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

Report Date: 11/08/2021

† 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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Iowa South Central [IASC] HAMLIN, IA
Brian Jensen, Audubon County, IA

Full-Season Test	Maturity Group 2.8 - 3.2 S2021IASC44b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acetochlor Atz, Lexar E2
SOIL DESCRIPTION:	Marshall silty clay loam, well drained, non-irrigated
SOIL CONDITION:	low P, medium K, 6.3 pH, 3.8% OM, 19.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Zidua Rro, 2,4-D, Liberty, Roundup, Fusilade Dx
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 6 160.0 /A 15" spacing
HARVESTED - STAND:	Nov 6 156.1 /A

TEST COMMENTS:

Planting went very well with no-till into corn stalks, and plants emerged very well. The plants stood 33 to 49 inches tall and pod sets were close with multiple pods. Plants were matured and harvest went well. Seed size was small. The location received rainfall when plants needed it to fill and performed very well.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 2832E ↗	E3	2.8	R	96.4	12.0	17	155.3	1168	1
Apex	AE3220 ↗	E3	3.2	R	94.1	12.3	54	157.0	1140	2
Latham	E 2959 E3 ↗	E3	2.9	R	92.6	11.8	30	157.0	1122	3
NuTech	29N02E ↗	E3	2.9	R	92.1	11.4	37	157.0	1116	4
NK Brand	NK28-T3XF ↗	RXF	2.8	R	90.7	12.0	32	157.0	1099	6
NK Brand	NK29-A5E3 § ↗	E3	2.9	MR	90.7	12.0	4	157.0	1099	7
Zinesto	Z3001E ↗	E3	3.0	R	89.6	12.0	23	157.0	1086	8
Golden Harvest	GH3132E3 ↗	E3	3.1	R	89.3	11.7	30	157.0	1082	9
Hoegemeyer	2831 E ↗	E3	2.8	R	88.8	11.6	29	152.0	1076	10
NuTech	28N02E ↗	E3	2.8	R	88.4	11.8	26	155.3	1071	11
Renk	RS282NXF ↗	RXF	2.8	R	88.4	12.2	50	155.3	1071	12
Latham	L 2839 LLGT27 ↗	LLGT27	2.8	R	88.3	12.1	36	155.3	1070	13
Cornelius	CB31XF42 ↗	RXF	3.1	R	87.5	11.9	38	157.0	1060	14
Latham	L 2894 E3 ↗	E3	2.8	R	87.0	11.7	22	157.0	1054	15
Stine	28EC32 § ↗	E3	2.8	R	86.9	11.9	12	157.0	1053	16
P3 Genetics	2229E ↗	E3	2.9	R	86.6	11.9	3	157.0	1050	17
Golden Harvest	GH2922E3 ↗	E3	2.9	R	86.5	11.6	20	157.0	1048	18
Genesis	G2960E ↗	E3	2.9	R	86.4	11.9	1	155.3	1047	19
P3 Genetics	2231E ↗	E3	3.1	R	86.3	12.1	50	155.3	1046	20
FS HiSOY	29F10 ↗	RXF	2.9	R	86.2	12.1	42	155.3	1045	21
Golden Harvest	GH3192XF ↗	RXF	3.1	MR	86.1	12.2	30	157.0	1044	22
Genesis	G3260E ↗	E3	3.2	R	85.8	12.0	55	157.0	1040	23
FS HiSOY	28E10 ↗	E3	2.8	R	85.4	11.8	7	157.0	1035	24
Zinesto	Z3202E ↗	E3	3.2	NA	85.3	12.1	59	155.3	1034	25
Zinesto	Z2902E ↗	E3	2.9	NA	85.1	12.1	23	157.0	1031	26
Hoegemeyer	3141 E ↗	E3	3.1	R	84.2	11.7	33	157.0	1021	27
Xitavo	XO 2921E ↗	E3	2.9	R	84.2	11.9	22	155.3	1021	28
Xitavo	XO 3131E ↗	E3	3.1	R	83.5	11.8	30	155.3	1012	29
Zinesto	Z3101E ↗	E3	3.1	R	83.4	11.9	30	155.3	1011	30
Credenz	CZ 3099GTLL ↗	LLGT27	3.1	R	82.4	12.3	40	155.3	999	31
Pioneer	P29T37E CK	E3	2.9	NA	91.1	12.3	50	157.0	1104	5
					Averages =	84.1	11.9	32	156.1	1019
					LSD (0.10) =	4.6	0.3	17		
					LSD (0.25) =	2.4	0.2	9		
					C.V. =	5.2				
					Historic yield: new site					



Randy Meinsma

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

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

Report Date: 11/08/2021

† 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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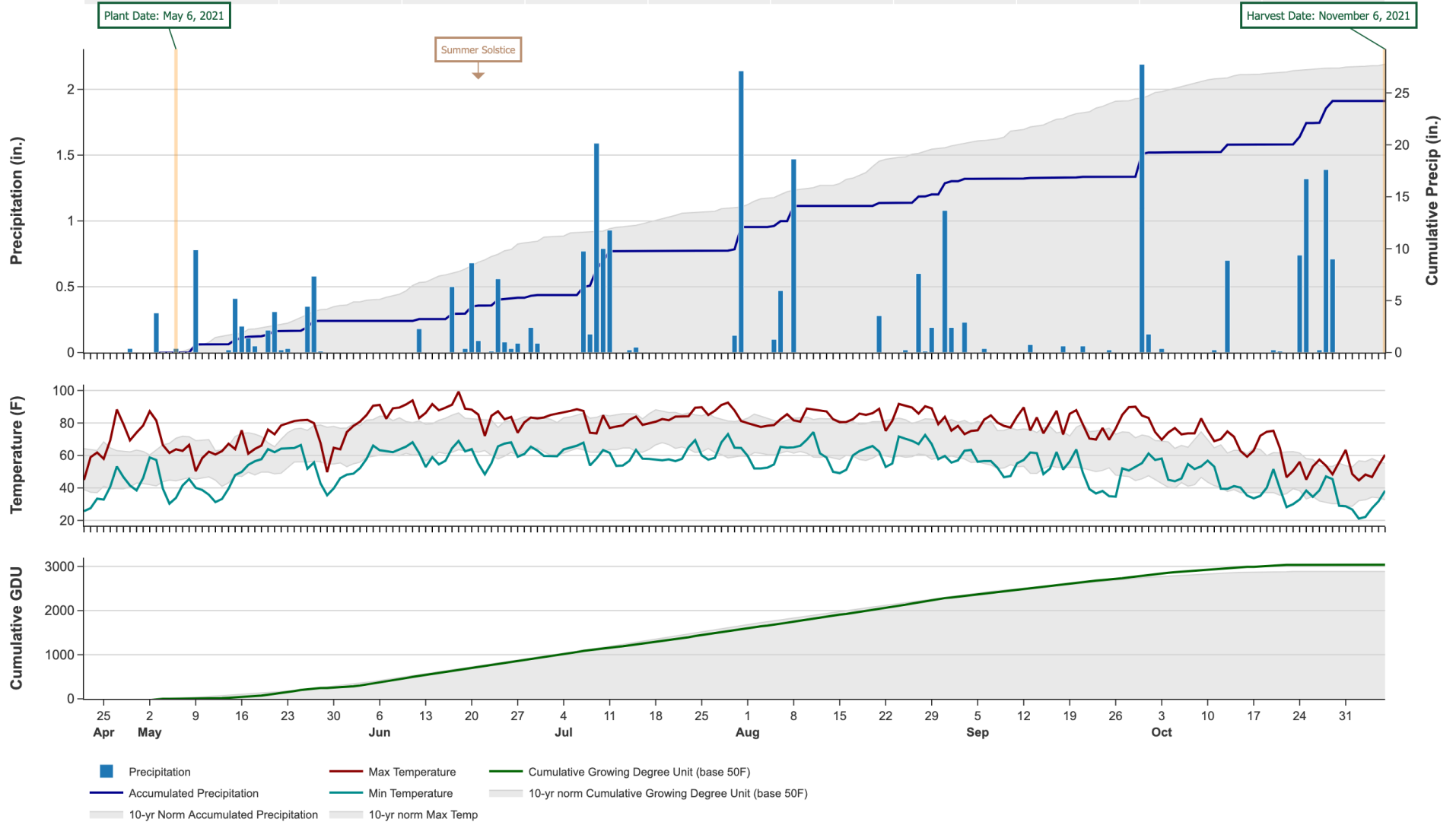
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2021 Soybeans - Iowa South Central [IASC]

Weather Conditions Summary at HAMLIN, IA

Weather Data Retrieved: 11/08/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	0.0 1.0 (-1.0)	3.4 5.6 (-2.2)	2.5 6.2 (-3.7)	6.5 3.3 (+3.3)	4.2 5.7 (-1.5)	2.8 4.8 (-1.9)	5.1 3.0 (+2.1)	0.0 0.3 (-0.3)	24.6 29.8 (-5.2)
GDU Normal (Diff)	66 62 (+3)	322 345 (-23)	658 631 (+26)	678 728 (-50)	688 644 (+43)	510 439 (+70)	246 142 (+103)	0 0 (0)	3168 2994 (+173)



* 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	2922RFX 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

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

Soybeans Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.