

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

2023 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**
S2023IASC44a

Top 30 of 35 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Corn / Bicep, Dicamba, Callisto,
Halax Gt, Atrazine,
Aquasupreme, Ams, Viltema,
Lamcamp li

SOIL DESCRIPTION: Marshall silty clay loam, well
drained, non-irrigated

SOIL CONDITION: high P, medium K, 5.9 pH, 4.0%
OM, 19.8 CEC

TILLAGE/CULTIVATION: No-Till

PEST MANAGEMENT: Authority Edge, Dicamba,
Liberty, Glyphosate, Fusilade
Dx, Ams, Fs Coc, Fs Max
Supreme

Applied N-P-K (units): 0-28-25

SEEDED - RATE - ROW: May 11 160.0 /A 15" spacing

HARVESTED - STAND: Oct 5 151.9 /A

TEST COMMENTS:

There were very good planting conditions which made the plants germinate and emerge quickly. At harvest, plants stood 33 to 46 inches tall and were bushy with nice pod sets and smaller seed size. Plants were well matured which made harvest easy. There was no weed or disease pressure. The area received about 3/10 of rain before harvest which helped to bring moistures back up from a dry down. The plot was located on a nice even hilltop.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH2674E3 § ↗	E3	2.6	MR	79.9	12.6	2	152.0	1016	1
Kruger	K2294XF ↗	RXF	2.2	R	79.4	12.7	1	152.0	1010	2
Kruger	K2604XF ↗	RXF	2.6	R	77.9	12.3	1	152.0	991	3
Xitavo	XO 2323E ↗	E3	2.3	R	76.7	12.3	1	152.0	976	4
Channel	2321RXF GC ↗	RXF	2.3	MR	76.1	12.9	1	152.0	968	5
Genesis	G2480E ↗	E3	2.4	R	74.7	12.6	1	152.0	950	6
P3 Genetics	2325E ↗	E3	2.5	R	74.5	12.5	1	152.0	948	7
Asgrow	AG26XF3 § ↗	RXF	2.6	R	73.4	12.2	1	152.0	934	8
Xitavo	XO 2444E ↗	E3,ST	2.4	R	73.3	12.3	2	152.0	932	9
Channel	2721RXF GC ↗	RXF	2.7	R	73.1	12.2	1	149.3	930	10
Stine	24FD32 § ↗	RXF	2.4	R	72.8	12.9	1	152.0	926	11
Pioneer	P25A16E § ↗	E3	2.5	R	72.8	11.5	1	152.0	926	12
NuTech	24N05E ↗	E3	2.4	R	72.6	12.3	1	152.0	923	13
LG Seeds	LGS2505E3 GC ↗	E3	2.5	NA	72.4	12.1	1	152.0	921	14
FS HiSOY	HS 25E30 ↗	E3	2.5	R	71.9	12.5	1	152.0	915	15
Cornelius	CB27XF72 ↗	RXF	2.7	R	71.7	11.5	1	152.0	912	16
Golden Harvest	GH2544XF § ↗	RXF	2.5	R	71.5	11.7	1	152.0	909	17
Titan Pro	TP 25E22 ↗	E3	2.5	R	70.6	12.3	1	152.0	898	18
Hoegemeyer	2724 E ↗	E3	2.7	R	70.5	12.1	1	152.0	897	19
FS HiSOY	HS 27E30 ↗	E3	2.7	R	70.2	12.3	1	152.0	893	20
FS HiSOY	HS 26E20 ↗	E3	2.6	R	70.1	13.3	2	152.0	891	21
NuTech	27N03E ↗	E3	2.7	R	70.0	12.4	1	152.0	890	22
Xitavo	XO 2613E ↗	E3	2.6	R	70.0	12.2	1	152.0	890	23
P3 Genetics	2326E ↗	E3	2.6	R	68.3	12.9	2	152.0	869	25
Genesis	G2780E ↗	E3	2.7	R	68.3	12.6	1	152.0	869	26
Xitavo	XO 2501E ↗	E3	2.5	R	68.1	12.1	3	152.0	866	27
Genesis	G2550E ↗	E3	2.5	R	67.6	12.4	1	152.0	860	28
Asgrow	AG27XF3 § ↗	RXF	2.7	R	66.7	11.2	2	152.0	848	29
FS HiSOY	HS 26F20 ↗	RXF	2.6	R	66.1	11.1	1	152.0	841	30
Hoegemeyer	2484 E ↗	E3	2.4	R	65.9	12.3	1	152.0	838	31
PIONEER	P30A75E CK	E3	3.0	MR	68.8	11.3	2	152.0	875	24

Averages = **70.9** **12.2** **1** **151.9** **901**

LSD (0.10) = 3.3 0.4 ns

LSD (0.25) = 1.7 0.2 ns

C.V. = 4.4



Randy Meinsma

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Historic yield: 81.0 bu/a, 2 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$12.72

Report Date: 10/06/2023

† 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 Top 30 Harvest Report

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Brian Jensen, Audubon County, IA

Full-Season Test Maturity Group **2.8 - 3.2**
S2023IASC44b

Top 30 of 36 For Gross Income
(Sorted by Yield)
Average of (3) Replications

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Aquasupreme, Ams, Viltema,
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SOIL CONDITION: high P, medium K, 5.9 pH, 4.0%
OM, 19.8 CEC

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PEST MANAGEMENT: Authority Edge, Dicamba,
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Dx, Ams, Fs Coc, Fs Max
Supreme

Applied N-P-K (units): 0-28-25

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HARVESTED - STAND: Oct 5 151.9 /A

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Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Genesis	G2960E § ↗	E3	2.9	R	78.6	12.4	1	152.0	1000	1
Stine	28EG29 § ↗	E3	2.8	R	77.1	12.5	2	152.0	981	2
Xitavo	XO 2832E ↗	E3	2.8	R	75.9	12.9	1	152.0	965	3
FS HiSOY	HS 28E10 ↗	E3	2.8	R	75.8	13.0	1	152.0	964	4
Xitavo	XO 3224E ↗	E3	3.2	R	75.3	11.3	1	152.0	958	5
Asgrow	AG28XF3 § ↗	RXF	2.8	R	74.4	10.9	1	152.0	946	6
Hoegemeyer	3134 E ↗	E3	3.1	R	73.7	11.5	1	152.0	937	7
Pioneer	P31A73E § ↗	E3	3.1	R	72.4	11.5	1	152.0	921	8
Xitavo	XO 3014E ↗	E3,ST	3.0	R	71.1	11.6	1	152.0	904	10
Kruger	K3003XF ↗	RXF	3.0	R	71.0	11.5	1	149.3	903	11
Cornelius	CB29XF44 ↗	RXF	2.9	R	70.7	11.6	1	152.0	899	12
Kruger	K2816XF ↗	RXF	2.8	R	70.4	11.8	1	152.0	895	13
Genesis	G3171ES ↗	E3,ST	3.1	R	70.3	11.6	2	152.0	894	14
Golden Harvest	GH2884XF ↗	RXF	2.8	MR	70.1	11.6	2	152.0	892	15
Xitavo	XO 2963E ↗	E3	2.9	R	69.9	12.8	1	152.0	889	16
P3 Genetics	2331E ↗	E3	3.1	R	69.4	12.1	5	152.0	883	17
NuTech	31N07E ↗	E3	3.1	R	69.2	11.3	1	152.0	880	18
Apex	AE3131S ↗	E3,ST	3.1	R	69.2	11.4	3	152.0	880	19
P3 Genetics	2429E ↗	E3	2.9	R	69.2	12.0	3	152.0	880	20
Asgrow	AG30XF4 § ↗	RXF	3.0	R	69.1	11.1	1	149.3	879	21
Kruger	K3214XF ↗	RXF	3.2	R	68.1	11.3	1	152.0	866	22
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	67.4	11.4	2	152.0	857	23
FS HiSOY	HS 28F30 ↗	RXF	2.8	R	67.2	12.2	1	152.0	855	24
Golden Harvest	GH2814E3S § ↗	E3,ST	2.8	MR	66.9	12.8	5	152.0	851	25
Titan Pro	TP 29E23 ↗	E3	2.9	R	66.7	11.5	2	152.0	848	26
Pioneer	P28A65E § ↗	E3	2.8	R	66.2	10.8	1	152.0	842	27
FS HiSOY	HS 32E30 ↗	E3	3.2	R	66.1	12.6	3	152.0	841	28
ProHarvest	32F26 ↗	RXF	3.2	R	66.1	11.4	1	152.0	841	29
Mustang	29E224 ↗	E3	2.9	R	65.8	10.5	1	152.0	837	30
NuTech	29N02E ↗	E3	2.9	R	63.6	12.0	1	152.0	809	31
PIONEER	P30A75E CK	E3	3.0	MR	71.2	11.2	1	152.0	906	9
					Averages =	69.0	11.8	2	151.9	877
					LSD (0.10) =	2.6	0.4	1		
					LSD (0.25) =	1.4	0.2	1		
					C.V. =	3.6				
					Historic yield: 81.0 bu/a, 2 yr(s)					



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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$12.72

Report Date: 10/06/2023

† 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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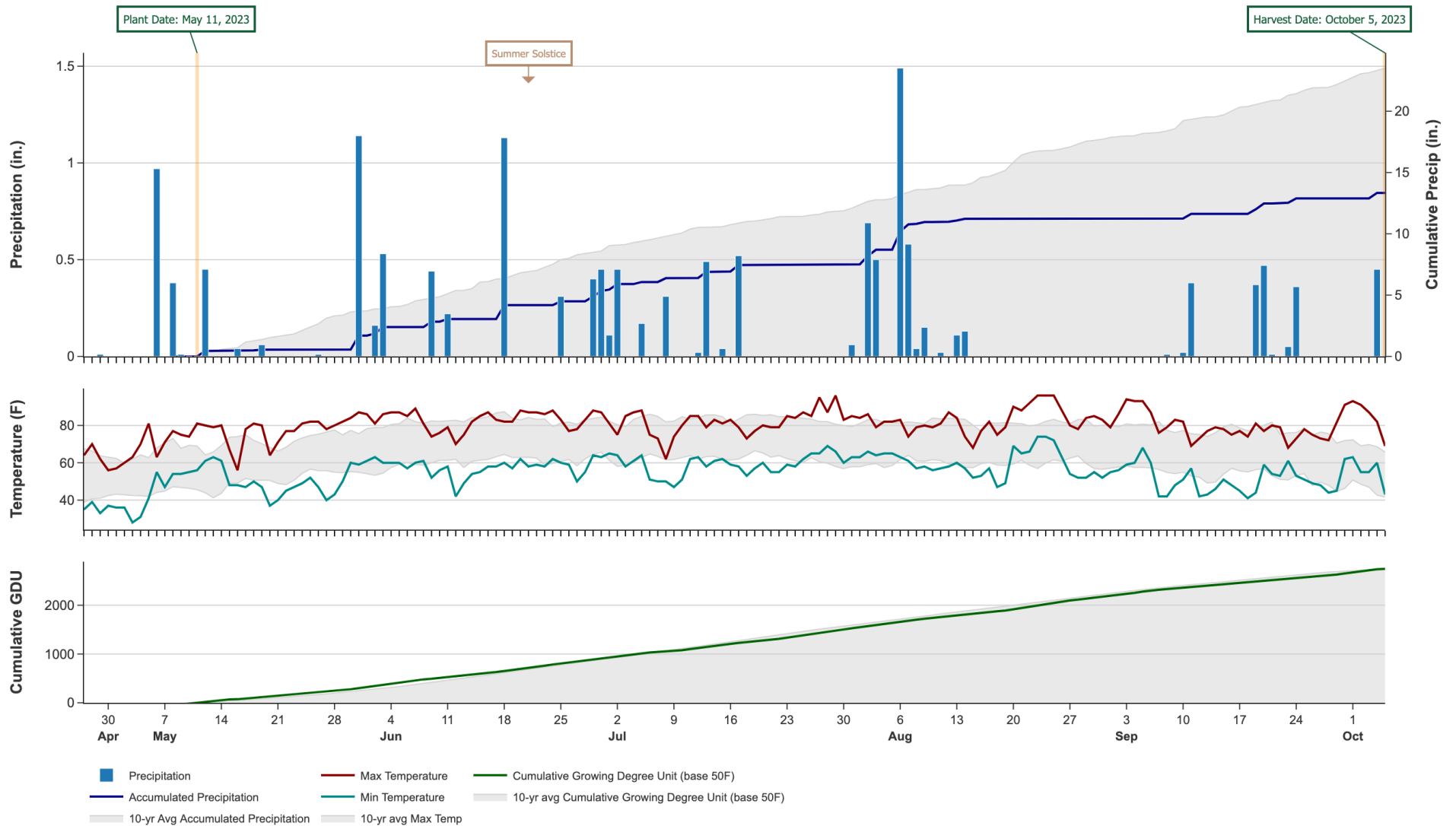
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2023 Soybeans - Iowa South Central [IASC]

Weather Conditions Summary at HAMLIN, IA

Weather Data Retrieved: 10/06/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.0 0.5 (-0.5)	3.1 5.7 (-2.7)	3.6 4.9 (-1.3)	2.2 3.5 (-1.3)	3.7 5.6 (-1.9)	1.7 4.7 (-3.1)	0.5 1.1 (-0.6)	14.7 26.0 (-11.3)
GDU Avg (Diff)	10 30 (-20)	408 334 (+73)	607 643 (-36)	620 700 (-80)	643 641 (+1)	482 471 (+10)	96 48 (+47)	2866 2869 (-3)



* 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	E3	R	2.6	Lum,Lu,Lud,IL
Channel	2321RXF	RXF	MR	2.3	Untreated
Channel	2721RXF	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	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	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	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.