

Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

## 2022 Soybeans Top 30 Harvest Report

Iowa Northwest [IANW] GILLETT GROVE, IA  
Bobby Gibson, Clay County, IA

<b>Early-Season Test</b>	Maturity Group <b>1.9 - 2.4</b> S2022IANW04a
<b>Top 30 of 35</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Surpass, Callisto, Atrazine
<b>SOIL DESCRIPTION:</b>	Canisteo clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	low P, low K, 6.8 pH, 5.2% OM, 29.2 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Liberty 208 Sl, Roundup Power Max, Section Three
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 2 144.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 12 124.5 /A

### TEST COMMENTS:

*Lack of moisture was a problem for the crops in this area. June and September were especially dry. By the time flowering began plants were already stressed, and the ensuing drought didn't let up through the remainder of the season. Poor pod formation was the result. Some iron deficiency chlorosis was observed in plants of the surrounding field which is common in this part of Clay county. Plant heights were relatively short but fed well into the combine.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	NK23-T9XF ↗	RXF	2.3	R	<b>48.6</b>	9.2	0	122.0	644	1
Xitavo	XO 2323E ↗	E3	2.3	R	<b>48.3</b>	9.0	0	138.0	640	2
FS HiSOY	HS 24F00 ↗	RXF,ST	2.4	R	<b>47.0</b>	9.3	0	130.0	623	3
Stine	17EE32 § ↗	E3	1.7	R	<b>46.8</b>	9.1	0	122.0	620	4
Golden Harvest	GH2083E3S ↗	E3,ST	2.0	R	<b>46.4</b>	9.1	0	130.0	615	5
Kruger	K1914XF ↗	RXF	1.9	R	<b>46.1</b>	8.9	0	122.0	611	6
Hoegemeyer	1903 E ↗	E3	1.9	R	<b>45.1</b>	8.8	0	122.0	598	7
Xitavo	XO 1971E ↗	E3	1.9	R	<b>45.1</b>	9.0	0	138.0	598	8
FS HiSOY	HS 21F20 ↗	RXF	2.1	R	44.6	8.9	0	122.0	591	10
NK Brand	NK19-D5XF § ↗	RXF	1.9	R	44.5	8.8	0	138.0	590	11
Latham	L 2193 E3 ↗	E3	2.1	R	44.4	9.1	0	122.0	588	12
Zinesto	Z1902E ↗	E3	1.9	NA	44.4	9.1	0	122.0	588	13
NK Brand	NK19-T8E3S ↗	E3,ST	1.9	R	43.8	9.1	0	138.0	580	14
Xitavo	XO 2472E ↗	E3,ST	2.4	R	43.8	9.1	0	130.0	580	15
FS HiSOY	HS 23E10 ↗	E3,ST	2.3	R	43.5	9.2	0	130.0	576	16
Latham	L 1947 E3 ↗	E3	1.9	R	43.0	9.0	0	130.0	570	17
Zinesto	Z2101G ↗	LLGT27	2.1	R	42.6	9.3	0	114.0	564	18
Titan Pro	TP 20E22 ↗	E3	2.0	R	42.1	9.1	0	122.0	558	19
Kruger	K2294XF ↗	RXF	2.2	R	41.8	9.1	0	114.0	554	20
Hoegemeyer	2123 E ↗	E3	2.1	R	41.6	9.2	0	122.0	551	21
Golden Harvest	GH2292E3 § ↗	E3	2.2	MR	41.5	8.9	0	114.0	550	22
Stine	22EF23 § ↗	E3	2.2	R	41.3	8.9	0	138.0	547	23
Zinesto	Z2401E ↗	E3	2.4	R	41.0	9.0	0	114.0	543	24
Xitavo	XO 2181E ↗	E3	2.1	R	40.7	8.9	0	122.0	539	25
Latham	L 2049 E3 ↗	E3	2.0	R	40.5	9.0	0	114.0	537	26
Croplan	CP2240XF GC ↗	RXF	2.2	R	40.4	9.1	0	114.0	535	27
FS HiSOY	HS 21E20 ↗	E3	2.1	R	40.3	9.0	0	114.0	534	28
Asgrow	AG20XF1 § ↗	RXF	2.0	R	39.7	9.0	0	130.0	526	29
Pioneer	P18T91E GC ↗	E3	1.8	R	39.5	8.9	0	130.0	523	30
Asgrow	AG24XF3 § ↗	RXF	2.4	R	38.8	9.0	0	130.0	514	31
<b>CROPLAN</b>	<b>CP2520E CK</b>	<b>E3</b>	<b>2.5</b>	<b>R</b>	<b>44.9</b>	<b>9.2</b>	<b>0</b>	<b>114.0</b>	<b>595</b>	<b>9</b>

*Corey Rozenboom*

Corey Rozenboom

corey.rozenboom@firstseedtests.com, (319) 830-8886

Averages = **42.5** **9.1** **124.5** **564**

LSD (0.10) = 2.5 ns ns

LSD (0.25) = 1.3 ns ns

C.V. = 5.6

Historic yield: new site

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$13.25

Report Date: 10/12/2022

† 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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## 2022 Soybeans Top 30 Harvest Report

Iowa Northwest [IANW] GILLETT GROVE, IA  
Bobby Gibson, Clay County, IA

<b>Full-Season Test</b>	Maturity Group <b>2.5 - 2.8</b> S2022IANW04b
<b>Top 30 of 30</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Surpass, Callisto, Atrazine
<b>SOIL DESCRIPTION:</b>	Canisteo clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	low P, low K, 6.8 pH, 5.2% OM, 29.2 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Liberty 208 Sl, Roundup Power Max, Section Three
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 2 144.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 12 127.1 /A

### TEST COMMENTS:

*Lack of moisture was a problem for the crops in this area. June and September were especially dry. By the time flowering began plants were already stressed, and the ensuing drought didn't let up through the remainder of the season. Poor pod formation was the result. Some iron deficiency chlorosis was observed in plants of the surrounding field which is common in this part of Clay county. Plant heights were relatively short but fed well into the combine.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	2763 E ↗	E3	2.7	R	<b>49.8</b>	9.2	0	130.0	660	1
Kruger	K2604XF ↗	RXF	2.6	R	<b>49.0</b>	9.7	0	122.0	649	2
Stine	26EC32 § ↗	E3	2.6	R	<b>48.6</b>	11.0	0	122.0	644	3
NK Brand	NK25-C9XF § ↗	RXF	2.5	MR	<b>48.2</b>	9.3	0	122.0	639	4
Kruger	K2793XF ↗	RXF	2.7	R	<b>46.2</b>	10.1	0	122.0	612	5
Kruger	K2594XF ↗	RXF	2.5	R	<b>45.7</b>	9.5	0	138.0	606	7
Golden Harvest	GH2653XF ↗	RXF	2.6	R	<b>44.9</b>	9.2	0	130.0	595	8
Xitavo	XO 2501E ↗	E3	2.5	R	<b>44.1</b>	9.3	0	130.0	584	9
Latham	L 2638 E3 ↗	E3	2.6	R	42.8	10.4	0	130.0	567	10
Pioneer	P26T57E § ↗	E3	2.6	R	42.2	10.6	0	122.0	559	11
Asgrow	AG27XF3 § ↗	RXF	2.7	R	42.2	11.0	0	130.0	559	12
Xitavo	XO 2832E ↗	E3	2.8	R	42.1	10.7	0	130.0	558	13
Zinesto	Z2603E ↗	E3	2.6	R	40.2	9.9	0	138.0	533	14
FS HISOY	HS 27F20 ↗	RXF	2.7	R	39.6	9.8	0	114.0	525	15
Xitavo	XO 2613E ↗	E3	2.6	R	39.3	9.5	0	130.0	521	16
Zinesto	Z2700E ↗	E3	2.7	R	39.3	9.6	0	114.7	521	17
Latham	L 2786 XF ↗	RXF	2.7	R	39.2	10.1	0	122.0	519	18
FS HISOY	HS 28F20 ↗	RXF,ST	2.8	R	39.2	9.9	0	138.0	519	19
Golden Harvest	GH2722XF § ↗	RXF	2.7	MR	38.9	9.4	0	114.0	515	20
FS HiSOY	HS 26E20 ↗	E3	2.6	R	38.6	10.0	0	130.0	511	21
Stine	26EF23 § ↗	E3	2.6	R	38.2	10.1	0	130.0	506	22
Latham	L 2894 E3 ↗	E3	2.8	R	38.1	9.8	0	122.0	505	23
Pioneer	P26T23E § ↗	E3	2.6	R	37.9	9.4	0	138.0	502	24
Hoegemeyer	2831 E GC ↗	E3	2.8	R	37.1	13.3	0	122.0	491	25
Kruger	K2816XF ↗	RXF	2.8	R	36.3	9.7	0	138.0	481	26
Zinesto	Z2503E ↗	E3	2.5	R	36.3	9.7	0	122.0	481	27
Hoegemeyer	2553 E ↗	E3	2.5	R	35.3	9.8	0	138.0	468	28
FS HISOY	HS 26F20 ↗	RXF	2.6	R	34.4	10.5	0	130.0	456	29
Asgrow	AG26XF3 § ↗	RXF	2.6	R	29.9	10.1	0	122.0	396	30
<b>CROPLAN</b>	<b>CP2520E CK</b>	<b>E3</b>	<b>2.5</b>	<b>R</b>	<b>46.0</b>	<b>9.3</b>	<b>0</b>	<b>122.0</b>	<b>610</b>	<b>6</b>

*Corey Rozenboom*

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corey.rozenboom@firstseedtests.com, (319) 830-8886

Averages =	<b>41.0</b>	<b>10.0</b>		<b>127.1</b>	<b>543</b>
LSD (0.10) =	2.8	0.4	ns		
LSD (0.25) =	1.5	0.2	ns		
C.V. =	6.5				Historic yield: new site

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$13.25

Report Date: 10/12/2022

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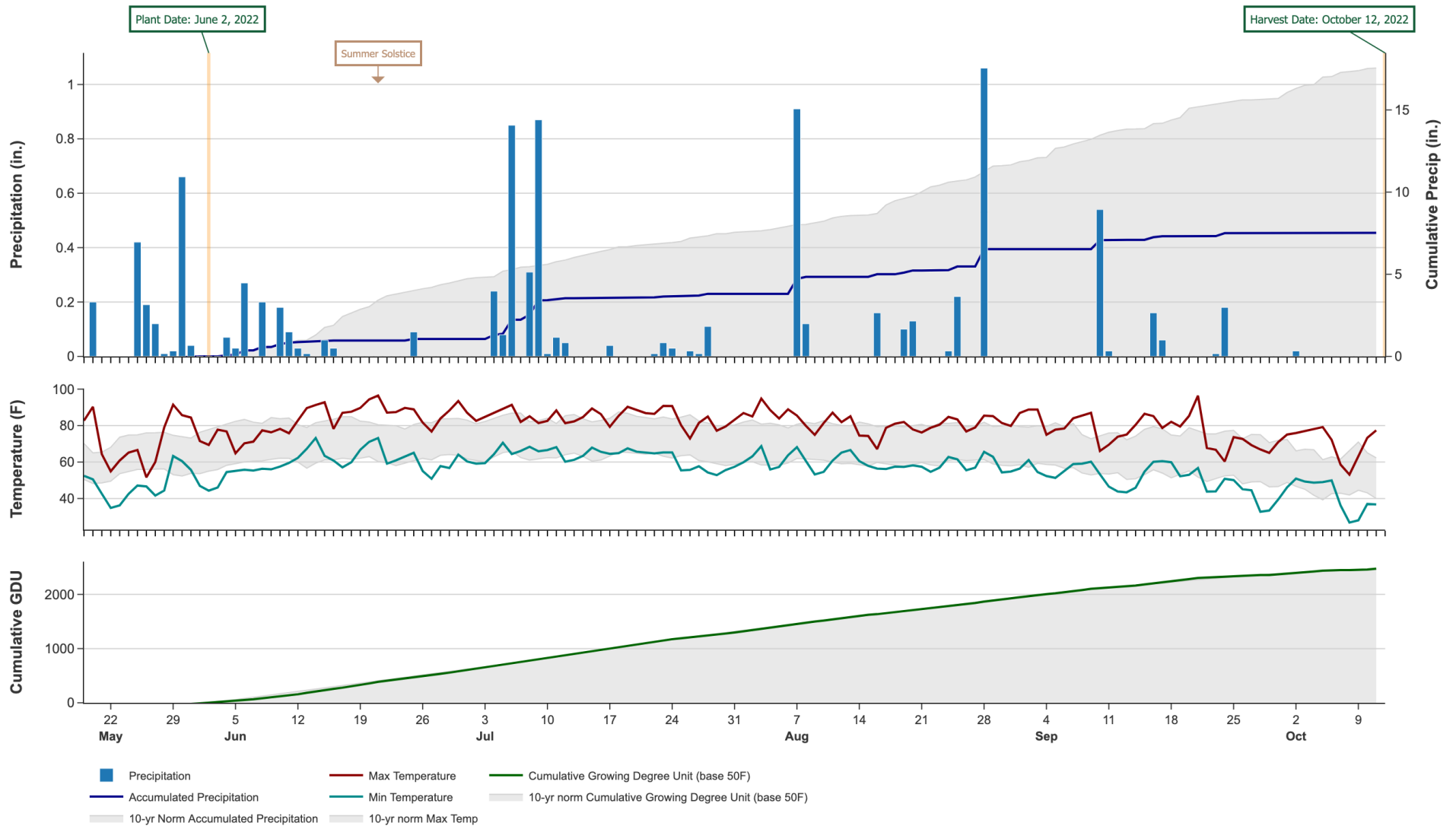
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2022 Soybeans - Iowa Northwest [ IANW ]

## Weather Conditions Summary at GILLETT GROVE, IA

Weather Data Retrieved: 10/12/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	1.7   2.3 (-0.7)	1.1   5.0 (-4.0)	2.8   3.0 (-0.2)	2.7   4.1 (-1.4)	1.0   4.0 (-3.1)	0.0   1.9 (-1.8)	9.2   20.3 (-11.1)
GDU   Normal (Diff)	146   167 (-21)	602   630 (-28)	716   714 (+1)	630   622 (+7)	442   448 (-6)	105   86 (+18)	2641   2669 (-28)



\* 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.

## 2022 Soybeans - Iowa Northwest [ IANW ]

### Early-Season Test Products (35 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG20XF1 §	RXF	R	2.0	Untreated
Asgrow	AG24XF3 §	RXF	R	2.4	ACi
Croplan	CP2240XF GC	RXF	R	2.2	Untreated
Croplan	CP2520E CK	E3	R	2.5	Untreated
FS HiSOY	HS 21E20	E3	R	2.1	ACi,SA,B-200
FS HiSOY	HS 21F20	RXF	R	2.1	ACi,SA,B-200
FS HiSOY	HS 23E10	E3,ST	R	2.3	ACi,SA,B-200
FS HiSOY	HS 24F00	RXF,ST	R	2.4	ACi,SA,B-200
Golden Harvest	GH2083E3S	E3,ST	R	2.0	CMBV,SA
Golden Harvest	GH2292E3 §	E3	MR	2.2	CMBV,SA
Hoegemeyer	1903 E	E3	R	1.9	Lum,Lu,IL
Hoegemeyer	2123 E	E3	R	2.1	Lum,Lu,IL
Kruger	K1914XF	RXF	R	1.9	ACi,IL
Kruger	K2294XF	RXF	R	2.2	ACi,IL
Latham	L 1947 E3	E3	R	1.9	SS+,SA
Latham	L 2049 E3	E3	R	2.0	SS+,SA
Latham	L 2193 E3	E3	R	2.1	SS+,SA
Latham	L 2379 E3	E3	R	2.3	SS+,SA
NK Brand	NK19-D5XF §	RXF	R	1.9	CMBV,SA
NK Brand	NK19-T8E3S	E3,ST	R	1.9	CMBV,SA
NK Brand	NK23-T9XF	RXF	R	2.3	CMBV,SA
Pioneer	P18T91E GC	E3	R	1.8	Untreated
Pioneer	P20T64E §	E3	R	2.0	Untreated
Pioneer	P21T72E §	E3	R	2.1	Untreated
Stine	17EE32 §	E3	R	1.7	SFI
Stine	22EF23 §	E3	R	2.2	SFI
Titan Pro	TP 20E22	E3	R	2.0	SA,A,R,G
Xitavo	XO 1971E	E3	R	1.9	PV,IL,OB,Rey
Xitavo	XO 2181E	E3	R	2.1	PV,IL,OB,Rey
Xitavo	XO 2323E	E3	R	2.3	PV,IL,OB,Rey
Xitavo	XO 2472E	E3,ST	R	2.4	PV,IL,OB,Rey
Zinesto	Z1902E	E3	NA	1.9	DST4
Zinesto	Z2101G	LLGT27	R	2.1	DST4
Zinesto	Z2303E	E3	R	2.3	DST4
Zinesto	Z2401E	E3	R	2.4	DST4

## 2022 Soybeans - Iowa Northwest [ IANW ]

### Full-Season Test Products (30 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
Croplan	CP2520E CK	E3	R	2.5	Untreated
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA,B-200
FS HiSOY	HS 26F20	RXF	R	2.6	ACi,SA,B-200
FS HiSOY	HS 27F20	RXF	R	2.7	ACi,SA,B-200
FS HiSOY	HS 28F20	RXF,ST	R	2.8	ACi,SA,B-200
Golden Harvest	GH2653XF	RXF	R	2.6	CMBV,SA
Golden Harvest	GH2722XF §	RXF	MR	2.7	CMBV,SA
Hoegemeyer	2553 E	E3	R	2.5	Lum,Lu,IL
Hoegemeyer	2763 E	E3	R	2.7	Lum,Lu,IL
Hoegemeyer	2831 E GC	E3	R	2.8	Lum,Lu,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
Kruger	K2816XF	RXF	R	2.8	ACi,IL
Latham	L 2638 E3	E3	R	2.6	SS+,SA
Latham	L 2786 XF	RXF	R	2.7	SS+,SA
Latham	L 2894 E3	E3	R	2.8	SS+,SA
NK Brand	NK25-C9XF §	RXF	MR	2.5	CMBV,SA
Pioneer	P26T23E §	E3	R	2.6	Untreated
Pioneer	P26T57E §	E3	R	2.6	Untreated
Stine	26EC32 §	E3	R	2.6	SFI
Stine	26EF23 §	E3	R	2.6	SFI
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB,Rey
Xitavo	XO 2613E	E3	R	2.6	PV,IL,OB,Rey
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Zinesto	Z2503E	E3	R	2.5	DST4
Zinesto	Z2603E	E3	R	2.6	DST4
Zinesto	Z2700E	E3	R	2.7	DST4

## 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,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Salstro®, B-200 SAT
CMBV,SA	Cruisermass® Beans, Vibrance®, Salstro®
DST4	Dominance 4 ST
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA,A,R,G	Salstro, Allegiance FL, Redigo 480, Gaucho 600
SF1	Stine XP F&I
SS+,SA	SoyShield Plus, Salstro®
Untreated	No seed treatment

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