

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

## 2022 Soybeans Top 30 Harvest Report

Iowa South [IASO] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

<b>Early-Season Test</b>	Maturity Group <b>2.5 - 3.0</b> S2022IASO51a
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / 2-4d, Glyphosate, Accuron
<b>SOIL DESCRIPTION:</b>	Marshall sandy clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, high K, 6.9 pH, 3.4% OM, 18.0 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Fierce Xt, Glyphosate, 2-4d, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 22 140.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 16 136.6 /A

### TEST COMMENTS:

*No till planting went very well and plants emerged well. The plants stood 27 to 39 inches and pod sets looked good. Seed size was small. Plants were well-matured and made harvest easy. Drought conditions held back yields in the area but the plot performed very well. The plot was fortunate to catch the scattered showers.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Asgrow	AG28XF3 § ↗	RXF	2.8	R	<b>75.8</b>	8.2	1	137.0	1007	1
NuTech	27N03E ↗	E3	2.7	R	<b>74.8</b>	8.2	1	137.0	994	2
Xitavo	XO 2963E ↗	E3	2.9	R	<b>72.9</b>	8.5	1	137.0	969	3
Stine	26EC32 § ↗	E3	2.6	R	<b>71.1</b>	8.2	1	137.0	945	4
NK Brand	NK30-B2E3 § ↗	E3	3.0	R	<b>71.1</b>	8.4	1	137.0	945	5
Kruger	K2604XF ↗	RXF	2.6	R	<b>70.4</b>	8.5	1	137.0	936	6
Pioneer	P30T99E § ↗	E3	3.0	R	<b>70.2</b>	8.5	1	137.0	933	7
Pioneer	P29T37E GC ↗	E3	2.9	NA	<b>69.9</b>	8.2	1	137.0	929	8
Kruger	K3003XF ↗	RXF	3.0	R	<b>69.5</b>	8.2	1	133.3	924	9
Latham	L 3086 XF ↗	RXF	3.0	R	<b>69.3</b>	8.3	1	137.0	921	10
Brevant	B252EE GC ↗	E3	2.5	R	<b>69.0</b>	8.2	1	137.0	917	11
Latham	L 2638 E3 ↗	E3	2.6	R	<b>69.0</b>	8.3	1	137.0	917	12
Golden Harvest	GH2653XF § ↗	RXF	2.6	R	<b>68.1</b>	8.5	1	137.0	905	13
FS HiSOY	HS 26E20 ↗	E3	2.6	R	<b>67.1</b>	8.3	1	137.0	892	14
Golden Harvest	GH3043E3 ↗	E3	3.0	R	<b>67.0</b>	8.5	1	137.0	890	15
Kruger	K2594XF ↗	RXF	2.5	R	<b>66.7</b>	8.4	1	137.0	886	16
NK Brand	NK29-Z4E3 ↗	E3	2.9	R	<b>66.7</b>	8.4	1	137.0	886	17
Kruger	K2816XF ↗	RXF	2.8	R	<b>66.3</b>	8.4	1	137.0	881	18
Xitavo	XO 2832E ↗	E3	2.8	R	<b>65.9</b>	8.5	1	137.0	876	19
Asgrow	AG27XF3 § ↗	RXF	2.7	R	<b>65.8</b>	8.2	1	137.0	874	20
Hoegemeyer	2763 E ↗	E3	2.7	R	<b>65.7</b>	8.4	1	137.0	873	21
FS HiSOY	HS 28F20 ↗	RXF,ST	2.8	R	<b>65.6</b>	8.4	1	133.3	872	22
Stine	26EF23 § ↗	E3	2.6	R	<b>65.2</b>	8.3	1	137.0	867	23
Xitavo	XO 2613E ↗	E3	2.6	R	<b>65.2</b>	8.4	1	137.0	867	24
Xitavo	XO 2921E ↗	E3	2.9	R	<b>65.1</b>	8.5	1	137.0	865	25
NuTech	29N02E ↗	E3	2.9	R	<b>64.5</b>	8.2	1	137.0	857	26
FS HiSOY	HS 29F10 ↗	RXF	2.9	R	<b>64.2</b>	8.3	1	137.0	853	27
Pioneer	P28T02E § ↗	E3	2.8	R	<b>63.8</b>	8.2	1	135.7	848	28
Pioneer	P26T23E § ↗	E3	2.6	R	<b>63.2</b>	8.4	1	137.0	840	29
NuTech	26N06E ↗	E3	2.6	R	<b>62.9</b>	8.3	1	137.0	836	30
<b>PIONEER</b>	<b>P26T57E CK</b>	<b>E3</b>	<b>2.6</b>	<b>R</b>	<b>57.6</b>	<b>8.3</b>	<b>1</b>	<b>137.0</b>	<b>766</b>	<b>36</b>



Randy Meinsma

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Averages = **66.4** **8.3** **1** **136.6** **883**

LSD (0.10) = 2.7 0.1 ns

LSD (0.25) = 1.4 0.1 ns

C.V. = 3.8

Historic yield: 68.61 bu/a, 12 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.04 Prices: GMO = \$13.29

Report Date: 10/16/2022

† 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 South [IASO] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

<b>Full-Season Test</b>	Maturity Group <b>3.1 - 3.6</b> S2022IASO51b
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / 2-4d, Glyphosate, Accuron
<b>SOIL DESCRIPTION:</b>	Marshall sandy clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, high K, 6.9 pH, 3.4% OM, 18.0 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Fierce Xt, Glyphosate, 2-4d, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 22 140.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 16 136.9 /A

### TEST COMMENTS:

*No till planting went very well and plants emerged well. The plants stood 27 to 39 inches and pod sets looked good. Seed size was small. Plants were well-matured and made harvest easy. Drought conditions held back yields in the area but the plot performed very well. The plot was fortunate to catch the scattered showers.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 3341E ↗	E3	3.3	R	<b>76.9</b>	8.5	1	137.0	1022	1
Hoegemeyer	3413 E ↗	E3	3.4	R	<b>76.4</b>	8.5	1	137.0	1015	2
Genesis	G3460ES ↗	E3,ST	3.4	R	<b>76.2</b>	8.4	1	137.0	1013	3
P3 Genetics	2331E ↗	E3	3.1	R	<b>76.0</b>	8.3	1	137.0	1010	4
FS HiSOY	HS 35E10 ↗	E3	3.5	R	<b>75.5</b>	8.4	1	137.0	1003	5
Asgrow	AG35XF1 § ↗	RXF	3.5	R	<b>74.4</b>	8.5	1	137.0	989	6
Xitavo	XO 3651E ↗	E3	3.6	R	<b>73.7</b>	8.6	1	137.0	979	7
Stine	32EE21 § ↗	E3	3.2	R	<b>73.7</b>	8.4	1	137.0	979	8
Xitavo	XO 3131E ↗	E3	3.1	R	<b>73.6</b>	8.5	1	137.0	978	9
NK Brand	S35-E3 ↗	E3	3.5	R	<b>73.1</b>	8.7	1	137.0	971	10
FS HiSOY	HS 33E20 ↗	E3,ST	3.3	R	<b>72.9</b>	8.4	1	137.0	969	11
NuTech	34N02E ↗	E3	3.4	R	<b>72.9</b>	8.5	1	137.0	969	12
Hoegemeyer	3591 E ↗	E3	3.5	R	72.2	8.6	1	137.0	960	13
Kruger	K3305XF ↗	RXF	3.3	R	72.0	8.4	1	137.0	957	14
Latham	L 3384 XF ↗	RXF	3.3	R	71.2	8.4	1	137.0	946	15
NuTech	35N03E ↗	E3	3.5	R	70.3	8.7	1	137.0	934	16
Kruger	K3214XF ↗	RXF	3.2	R	70.1	8.5	1	137.0	932	17
P3 Genetics	2234E ↗	E3	3.4	R	70.0	8.4	1	137.0	930	18
Latham	L 3123 E3 ↗	E3	3.1	R	69.8	8.5	1	137.0	928	19
Asgrow	AG32XF2 § ↗	RXF	3.2	R	69.1	8.3	1	135.7	918	20
Stine	31EF23 § ↗	E3	3.1	R	68.8	8.4	1	137.0	914	21
Golden Harvest	GH3442XF § ↗	RXF	3.4	MR	68.7	8.4	1	137.0	913	22
Kruger	K3593XF ↗	RXF	3.5	R	68.1	8.3	1	137.0	905	23
NK Brand	NK33-W2E3S § ↗	E3,ST	3.3	R	68.1	8.6	1	137.0	905	24
Xitavo	XO 3483E ↗	E3,ST	3.4	MR	67.9	8.2	1	137.0	902	25
ProHarvest	34F37 ↗	RXF	3.4	R	67.8	8.3	1	137.0	901	26
Pioneer	P31T64E § ↗	E3	3.1	NA	67.7	8.3	1	137.0	900	27
Latham	L 3479 E3 ↗	E3	3.4	R	67.4	8.5	1	137.0	896	28
Golden Harvest	GH3373E3S ↗	E3,ST	3.3	R	66.4	8.6	1	137.0	882	29
Apex	AE3330S ↗	E3	3.3	R	66.3	8.4	1	137.0	881	30
<b>PIONEER</b>	<b>P26T57E CK</b>	<b>E3</b>	<b>2.6</b>	<b>R</b>	<b>62.2</b>	<b>8.4</b>	<b>1</b>	<b>137.0</b>	<b>827</b>	<b>35</b>

Averages = **69.9** **8.4** **1** **136.9** **929**

LSD (0.10) = 2.7 0.1 ns

LSD (0.25) = 1.4 0.1 ns



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C.V. = 3.7

Historic yield: 68.61 bu/a, 12 yr(s)

### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.04

Prices: GMO = \$13.29

Report Date: 10/16/2022

† 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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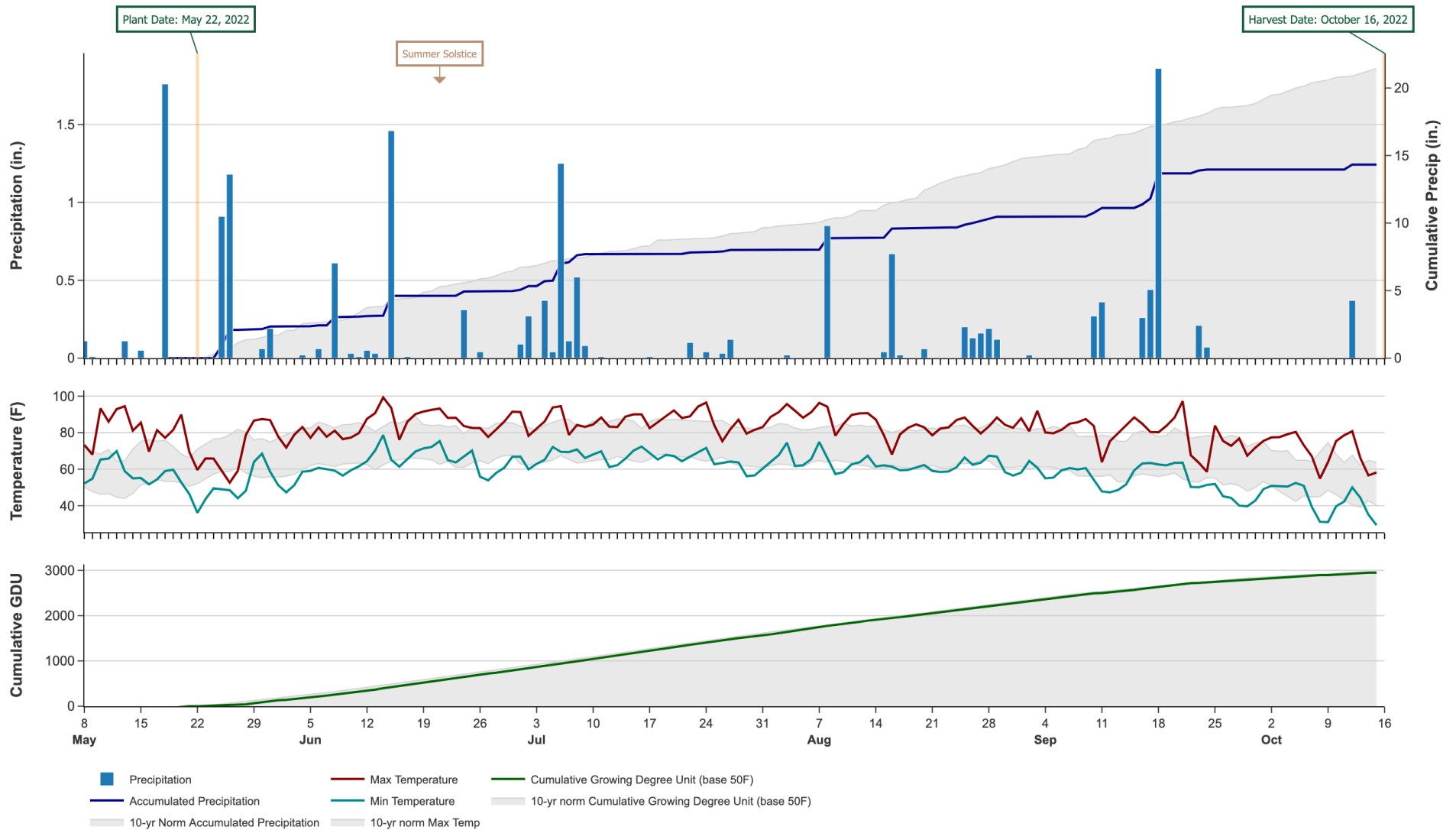
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# 2022 Soybeans - Iowa South [ IASO ]

## Weather Conditions Summary at OAKLAND, IA

Weather Data Retrieved: 10/16/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	4.4   4.1 (+0.3)	2.6   4.8 (-2.1)	3.0   3.2 (-0.2)	2.5   4.9 (-2.4)	3.5   4.3 (-0.8)	0.4   2.6 (-2.2)	16.4   23.8 (-7.4)
GDU   Normal (Diff)	376   322 (+53)	675   694 (-19)	771   766 (+4)	720   700 (+19)	522   523 (-1)	143   133 (+9)	3207   3141 (+65)



\* 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 South [ IASO ]

### Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG28XF3 §	RXF	R	2.8	ACi,IL
Brevant	B252EE GC	E3	R	2.5	Lum,Lu,IL
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA,B-200
FS HiSOY	HS 28F20	RXF,ST	R	2.8	ACi,SA,B-200
FS HiSOY	HS 29F10	RXF	R	2.9	ACi,SA,B-200
Genesis	G2960E	E3	R	2.9	EcTC,SA
Golden Harvest	GH2653XF §	RXF	R	2.6	CMBV,SA
Golden Harvest	GH3043E3	E3	R	3.0	CMBV,SA
Hoegemeyer	2553 E	E3	R	2.5	Lum,Lu
Hoegemeyer	2763 E	E3	R	2.7	Lum,Lu,IL
Kruger	K2594XF	RXF	R	2.5	ACi,IL
Kruger	K2604XF	RXF	R	2.6	ACi,IL
Kruger	K2816XF	RXF	R	2.8	ACi,IL
Kruger	K3003XF	RXF	R	3.0	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
Latham	L 3086 XF	RXF	R	3.0	SS+,SA
NK Brand	NK29-Z4E3	E3	R	2.9	CMBV,SA
NK Brand	NK30-B2E3 §	E3	R	3.0	CMBV,SA
NuTech	25N04E	E3	R	2.5	Lum,Lu,IL
NuTech	26N06E	E3	R	2.6	Lum,Lu,IL
NuTech	27N03E	E3	R	2.7	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
Pioneer	P26T23E §	E3	R	2.6	Lum,Lu
Pioneer	P26T57E CK	E3	R	2.6	Lum,Lu
Pioneer	P28T02E §	E3	R	2.8	Lum,Lu
Pioneer	P29T37E GC	E3	NA	2.9	Lum,Lu
Pioneer	P30T99E §	E3	R	3.0	Lum,Lu
Stine	26EC32 §	E3	R	2.6	SFI
Stine	26EF23 §	E3	R	2.6	SFI
Xitavo	XO 2613E	E3	R	2.6	PV,IL,OB,Rey
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 2963E	E3	R	2.9	PV,IL,OB,Rey

## 2022 Soybeans - Iowa South [ IASO ]

### Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE3330S	E3	R	3.3	PU
Asgrow	AG32XF2 §	RXF	R	3.2	ACi,IL
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
FS HiSOY	HS 33E20	E3,ST	R	3.3	ACi,SA,B-200
FS HiSOY	HS 34F00	RXF	R	3.4	ACi,SA,B-200
FS HiSOY	HS 35E10	E3	R	3.5	ACi,SA,B-200
FS HiSOY	HS 35F20	RXF	R	3.5	ACi,SA,B-200
Genesis	G3460ES	E3,ST	R	3.4	EcTC,SA
Golden Harvest	GH3373E3S	E3,ST	R	3.3	CMBV,SA
Golden Harvest	GH3442XF §	RXF	MR	3.4	CMBV,SA
Hoegemeyer	3413 E	E3	R	3.4	Lum,Lu,IL
Hoegemeyer	3591 E	E3	R	3.5	Lum,Lu,IL
Kruger	K3214XF	RXF	R	3.2	ACi,IL
Kruger	K3305XF	RXF	R	3.3	ACi,IL
Kruger	K3593XF	RXF	R	3.5	ACi,IL
Kruger	K3603XF	RXF	R	3.6	ACi,IL
Latham	L 3123 E3	E3	R	3.1	SS+,SA
Latham	L 3384 XF	RXF	R	3.3	SS+,SA
Latham	L 3479 E3	E3	R	3.4	SS+,SA
NK Brand	NK33-W2E3S §	E3,ST	R	3.3	CMBV,SA
NK Brand	S35-E3	E3	R	3.5	CMBV,SA
NuTech	31N06E	E3	R	3.1	Lum,Lu,IL
NuTech	34N02E	E3	R	3.4	Lum,Lu,IL
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
P3 Genetics	2136E	E3	R	3.6	PG+
P3 Genetics	2234E	E3	R	3.4	PG+
P3 Genetics	2331E	E3	R	3.1	PG+
Pioneer	P26T57E CK	E3	R	2.6	Lum,Lu
Pioneer	P31T64E §	E3	NA	3.1	Lum,Lu
ProHarvest	34F37	RXF	R	3.4	PU
Stine	31EF23 §	E3	R	3.1	SFI
Stine	32EE21 §	E3	R	3.2	SFI
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB,Rey
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB,Rey
Xitavo	XO 3483E	E3,ST	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB,Rey

## 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
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	Cruisermaxx® Beans, Vibrance®, Salstro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salstro®
Lum,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Salstro®

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