

Test by: NewVenture, LLC Ellendale, MN

2026 Soybeans Top 30 Harvest Report

Minnesota West Central [MNWC] WHEATON, MN

TC Agri Sales, Trent Conroy, Traverse County, MN

Early-Season Test	Maturity Group 0.6 - 1.3 S2026MNWC03a
Top 24 of 24	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Armezon Pro, Roundup Powermax, Atrazine
SOIL DESCRIPTION:	Aazdahl-Formdale-Balaton clay loam, mod. well drained, non- irrigated
SOIL CONDITION:	5.23 pH, 5.08% OM, 21.11 CEC, high P, high K, mod. S, high B, high Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
CROP PROTECTION:	Liberty (H), Delaro (F)
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 16 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 127.6 /A
PEST & DISEASE RISK:	Fusarium, White Mold, Stem Canker, Brown Stem Rot*

TEST COMMENTS:

This is a new plot site this year. The rainfall for this site was average. During a July site visit, there were some signs of heat stress noted. Rain was hard to come by in July and August. The beans were tall and mostly standing well with excellent weed control. Thank you to Trent for hosting us this year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AP Select	10XF6 ↗	RXF	1.0	NA	63.8	12.5	2	127.5	782	1
AP Select	11E07 ↗	E3	1.1	NA	59.8	13.2	0	128.3	732	2
Stine	07EK31 ↗	E3	0.7	R	59.5	12.7	5	127.0	729	3
Asgrow	AG10XF4 GC ↗	RXF	1.0	R	59.0	12.5	0	128.3	723	4
Xitavo	XO 0806E ↗	E3	0.8	M	57.0	12.7	0	127.3	698	5
Stine	13EH62 ↗	E3	1.3	M	56.9	12.1	1	128.7	697	6
Apex	AE1170 ↗	E3	1.1	PK	56.2	12.4	1	126.0	688	7
Hoegemeyer	1386E GC ↗	E3	1.3	PK	55.3	12.2	1	127.3	677	8
Genesis	G1110E ↗	E3	1.1	PK	55.1	12.5	0	129.0	675	9
Genesis	G0880E ↗	E3	0.8	M	54.7	12.6	0	127.3	670	10
Apex	AE1350 ↗	E3	1.3	M	54.6	11.8	3	126.3	669	11
Apex	AE0970 ↗	E3	0.9	M	52.9	12.8	3	128.7	648	13
Stine	11EK39 ↗	E3	1.1	M	52.6	13.4	3	127.3	643	14
Connect	CT1127E GC ↗	E3	1.1	PK	51.4	12.1	4	128.0	630	15
Stine	08EJ32 ↗	E3	0.8	M	50.5	12.5	0	128.0	619	16
Xitavo	XO 0917E ↗	E3	0.9	M	50.5	12.8	1	126.3	619	17
Genesis	G1260E ↗	E3	1.2	M	50.0	12.2	0	127.0	612	18
AgVenture	AV11D4E ↗	E3	1.1	M	49.3	11.9	6	127.0	604	19
Xitavo	XO 1147E ↗	E3	1.1	M	48.8	12.1	0	127.3	598	20
Xitavo	XO 1207E ↗	E3	1.2	PK	48.6	13.1	3	127.3	595	21
Hoegemeyer	1287E GC ↗	E3	1.2	n/a	47.9	12.1	0	129.0	587	22
Xitavo	XO 1372E ↗	E3,ST	1.3	R	46.5	12.0	0	128.3	570	23
Stine	10EH02 ↗	E3	1.0	M	46.2	12.6	0	128.5	565	24
PIONEER	P09Z31E CK	E3	0.9	NA	53.8	12.1	0	127.0	659	12
					Averages =	53.2	12.4	1	127.6	654
					LSD (0.10) =	5.4	0.6	ns		
					LSD (0.25) =	2.8	0.3	ns		
Ed Dahle					C.V. =	9.6				
ed.dahle@firstseedtests.com, (507) 456-6624									Historic yield: 40.5 bu/a, 4 yr(s)	
Yield & Income Factors:			Base Moisture = 13.0%		Shrink = 1.0		Drying = \$0.05		Prices: GMO = \$12.25	

Report Date: 10/12/2026

Additional reports available at www.firstseedtests.com

† 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. *Earthoptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

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Test by: NewVenture, LLC Ellendale, MN

2026 Soybeans Top 30 Harvest Report

Minnesota West Central [MNWC] WHEATON, MN

TC Agri Sales, Trent Conroy, Traverse County, MN

Full-Season Test	Maturity Group 1.4 - 2.0 S2026MNWC03b
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Armezon Pro, Roundup Powermax, Atrazine
SOIL DESCRIPTION:	Aazdahl-Formdale-Balaton clay loam, mod. well drained, non- irrigated
SOIL CONDITION:	5.23 pH, 5.08% OM, 21.11 CEC, high P, high K, mod. S, high B, high Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
CROP PROTECTION:	Liberty (H), Delaro (F)
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 16 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 127.4 /A
PEST & DISEASE RISK:	Fusarium, White Mold, Stem Canker, Brown Stem Rot*

TEST COMMENTS:

This is a new plot site this year. The rainfall for this site was average. During a July site visit, there were some signs of heat stress noted. Rain was hard to come by in July and August. The beans were tall and mostly standing well with excellent weed control. Thank you to Trent for hosting us this year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P14Z08E GC ↗	E3	1.4	NA	58.0	11.7	1	126.3	710	1
Asgrow	AG16XF5 GC ↗	RXF	1.6	NA	56.8	12.4	10	127.3	696	2
Stine	19EK02 ↗	E3	1.9	M	56.8	12.8	0	128.3	696	3
AgVenture	AV19C3E ↗	E3	1.9	PK	56.4	12.1	0	127.7	691	4
Pioneer	P16Z25E GC ↗	E3	1.6	NA	56.4	11.6	0	126.7	691	5
Jacobsen	J2036E3 ↗	E3	2.0	PK	56.3	12.2	0	127.3	690	6
Renk	RS167E ↗	E3	1.6	M	55.1	12.9	6	127.3	675	7
Apex	AE1870 ↗	E3	1.8	M	55.1	12.3	2	128.0	674	8
AgVenture	AV18D4E ↗	E3	1.8	PK	54.2	11.6	8	127.3	664	9
Jacobsen	J1464E3 ↗	E3	1.4	PK	54.1	11.7	8	127.7	663	10
Apex	AE1970 ↗	E3	1.9	PK	54.1	12.0	0	127.7	663	11
Genesis	G1910E ↗	E3	1.9	M	53.3	12.6	0	127.3	653	12
Apex	AE1760 ↗	E3	1.7	M	52.8	12.7	1	127.7	647	13
Dahlman	7618XF ↗	RXF	1.8	M	51.8	11.7	11	127.3	635	14
Jacobsen	J1886E3 ↗	E3	1.8	M	51.4	13.0	0	128.3	630	15
Genesis	G1810E ↗	E3	1.8	M	51.1	12.4	5	128.0	626	16
Stine	20EH92 ↗	E3	2.0	M	50.6	11.7	0	127.7	620	17
Stine	18EJ32 ↗	E3	1.8	R	50.6	12.1	1	126.3	620	18
Xitavo	XO 1837E ↗	E3	1.8	M	50.6	12.4	1	129.0	620	19
AgVenture	AV14B2E ↗	E3	1.4	M	50.5	12.1	5	127.0	619	20
Apex	AE1650 ↗	E3	1.6	M	49.1	12.3	0	126.3	601	21
Jacobsen	J1685E3 ↗	E3	1.6	M	48.4	12.0	3	127.3	593	23
AgVenture	AV16C3E ↗	E3	1.6	PK	48.0	11.5	1	127.7	588	24
Connect	CT1825E GC ↗	E3	1.8	PK	47.6	12.5	0	127.7	583	25
Stine	17EJ22 ↗	E3	1.7	M	46.9	11.9	10	127.0	575	26
Xitavo	XO 2087E ↗	E3	2.0	M	46.9	12.3	2	126.7	575	27
Jacobsen	J1976E3 ↗	E3	1.9	M	46.8	11.8	3	128.7	573	28
Xitavo	XO 1776E ↗	E3	1.7	M	46.6	11.4	10	126.7	571	29
Stine	19EK20 ↗	E3	1.9	M	46.3	12.2	10	126.7	567	30
PIONEER	P09Z31E CK	E3	0.9	NA	48.8	11.8	0	128.5	598	22

Averages = **51.7** **12.1** **3** **127.4** **634**

LSD (0.10) = 3.5 0.5 ns

LSD (0.25) = 1.8 0.3 ns

C.V. = 6.4

Ed Dahle

ed.dahle@firstseedtests.com, (507) 456-6624

Historic yield: 40.5 bu/a, 4 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.05 Prices: GMO = \$12.25

Report Date: 10/12/2026

Additional reports available at www.firstseedtests.com

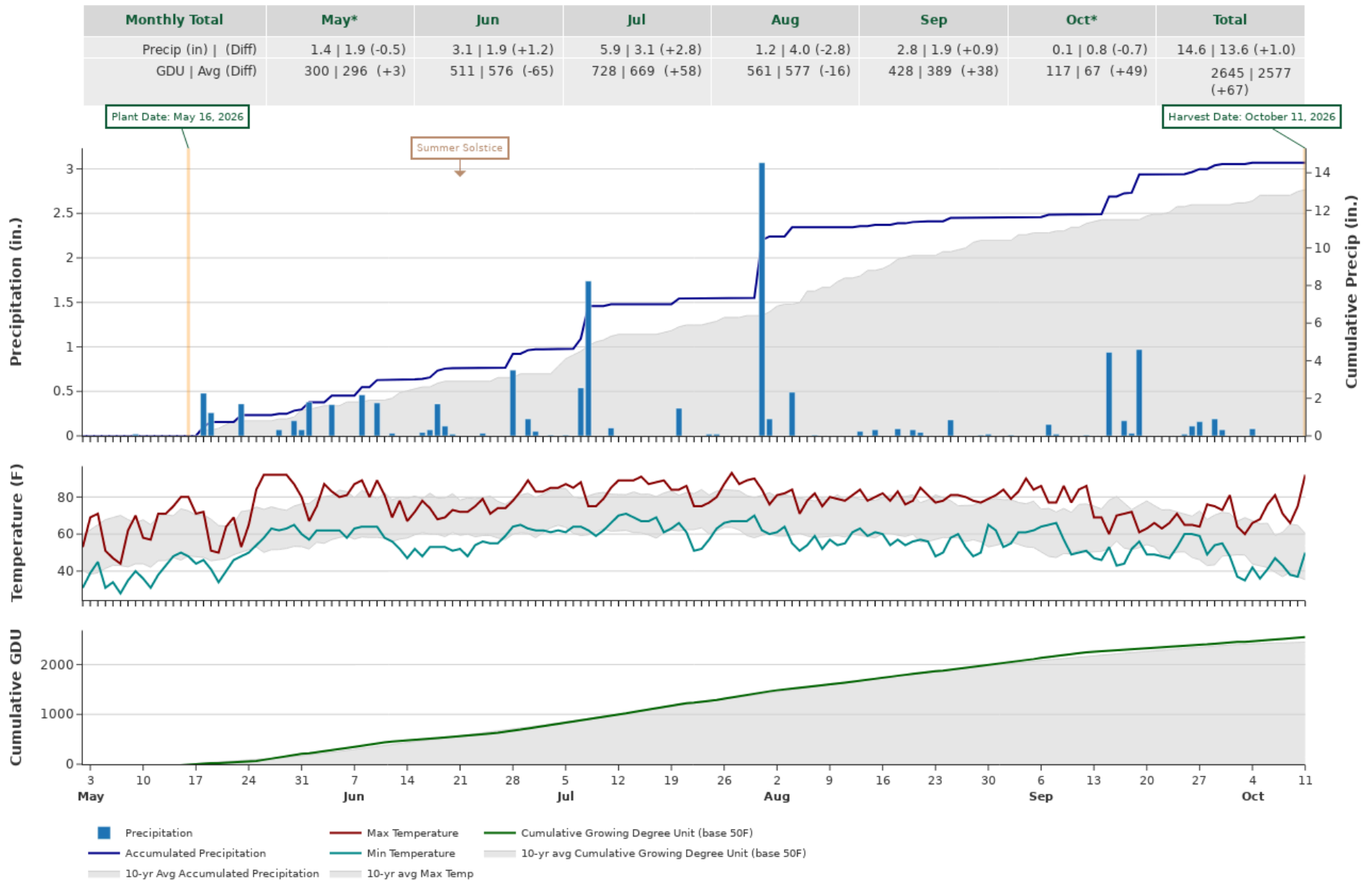
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. *Earthoptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

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2026 Soybeans - Minnesota West Central [MNWC]

Weather Conditions Summary at WHEATON, MN

Weather Data Retrieved: 10/12/2026



* 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.



EARTHOPTICS

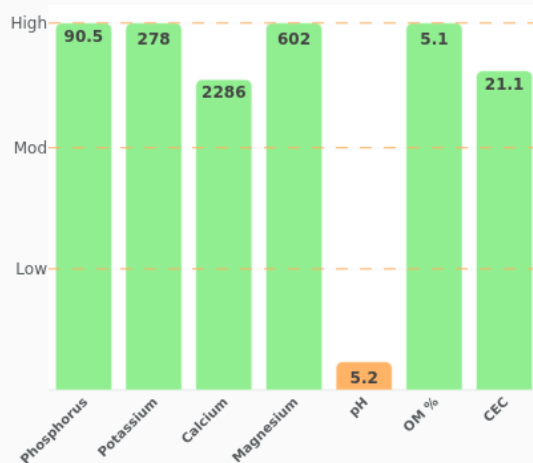
EarthOptics Soil Analysis | Wheaton, MN [MNWC]

Macronutrients, Micronutrients, Pest & Disease, Biofertility

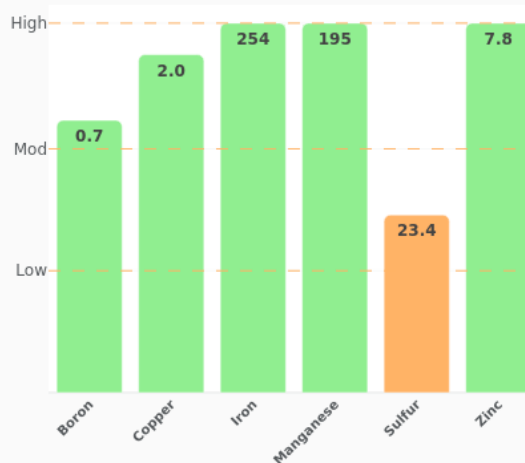


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technologies

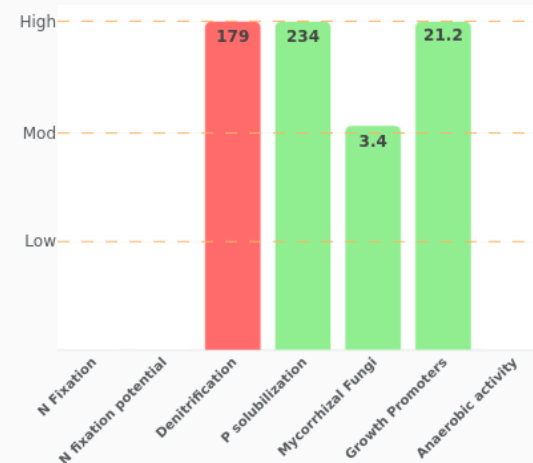
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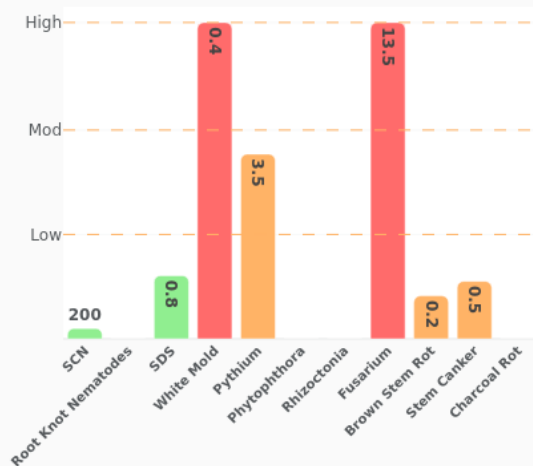
Micronutrients



Biofertility Analytics



Below Ground Pest & Disease - Soybeans



Above Ground Pest & Disease - Soybeans



More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

2026 Soybeans - Minnesota West Central [MNWC]

Early-Season Test Products (24 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV11D4E	E3	M	1.1	Lum,Lu,lud,il
Apex	AE0970	E3	M	0.9	C3FI,VI,TU,A3
Apex	AE1170	E3	PK	1.1	C3F,NF,VI
Apex	AE1350	E3	M	1.3	C3FI,VI,TU,A3
AP Select	10XF6	RXF	NA	1.0	Treated
AP Select	11E07	E3	NA	1.1	Treated
Asgrow	AG10XF4	RXF	R	1.0	ACi,IL
Connect	CT1127E	E3	PK	1.1	ACi,IL
Genesis	G0880E	E3	M	0.8	Treated
Genesis	G1110E	E3	PK	1.1	STXPC 2.0, VI
Genesis	G1260E	E3	M	1.2	Treated
Hoegemeyer	1287E	E3	NA	1.2	Lum,Lu,lud,il
Hoegemeyer	1386E	E3	PK	1.3	Lum,Lu,lud,il
Pioneer	P09Z31E	E3	NA	0.9	Untreated
Stine	07EK31	E3	R	0.7	STXPC 2.0, VI
Stine	08EJ32	E3	M	0.8	STXPC 2.0, VI
Stine	10EH02	E3	M	1.0	STXPC 2.0, VI
Stine	11EK39	E3	M	1.1	STXPC 2.0, VI
Stine	13EH62	E3	M	1.3	STXPC 2.0, VI
Xitavo	XO 0806E	E3	M	0.8	PV,IL,OB,Rey
Xitavo	XO 0917E	E3	M	0.9	PV,IL,OB,Rey
Xitavo	XO 1147E	E3	M	1.1	PV,IL,OB,Rey
Xitavo	XO 1207E	E3	PK	1.2	PV,IL,OB,Rey
Xitavo	XO 1372E	E3,ST	R	1.3	PV,IL,OB,Rey

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2026 Soybeans - Minnesota West Central [MNWC]

Full-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV14B2E	E3	M	1.4	Untreated
AgVenture	AV16C3E	E3	PK	1.6	Untreated
AgVenture	AV18D4E	E3	PK	1.8	Lum,Lu,lud,il
AgVenture	AV19C3E	E3	PK	1.9	Treated
Apex	AE1650	E3	M	1.6	C3FI,VI,TU,A3
Apex	AE1760	E3	M	1.7	C3F,NF,VI
Apex	AE1870	E3	M	1.8	C3FI,VI,TU,A3
Apex	AE1970	E3	PK	1.9	C3F,NF,VI
Asgrow	AG16XF5	RXF	NA	1.6	ACi
Connect	CT1825E	E3	PK	1.8	ACi,IL
Dahlman	7618XF	RXF	M	1.8	C3F,NF,VI
Genesis	G1810E	E3	M	1.8	STXPC 2.0, VI
Genesis	G1910E	E3	M	1.9	STXPC 2.0, VI
Jacobsen	J1464E3	E3	PK	1.4	Treated
Jacobsen	J1685E3	E3	M	1.6	Treated
Jacobsen	J1886E3	E3	M	1.8	Treated
Jacobsen	J1976E3	E3	M	1.9	Treated
Jacobsen	J2036E3	E3	PK	2.0	Treated
Pioneer	P09Z31E	E3	NA	0.9	Untreated
Pioneer	P14Z08E	E3	NA	1.4	Untreated
Pioneer	P16Z25E	E3	NA	1.6	Untreated
Renk	RS167E	E3	M	1.6	Treated
Stine	17EJ22	E3	M	1.7	STXPC 2.0, VI
Stine	18EJ32	E3	R	1.8	STXPC 2.0, VI
Stine	19EK02	E3	M	1.9	STXPC 2.0, VI
Stine	19EK20	E3	M	1.9	STXPC 2.0, VI
Stine	20EH92	E3	M	2.0	STXPC 2.0, VI
Xitavo	XO 1776E	E3	M	1.7	PV,IL,OB,Rey
Xitavo	XO 1837E	E3	M	1.8	PV,IL,OB,Rey
Xitavo	XO 2087E	E3	M	2.0	PV,IL,OB,Rey

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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.

Soybean Cyst Nematode (SCN) Resistance Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
C3FI,VI,TU,A3	Corteva 3023 Fungicide + Insecticide (C-3023FI), Victrato®, Tri-Up™, Ascend® ST3™, Inoculant
C3F,NF,VI	C-3023F1, N-Force, Victrato®
Lum,Lu,lud,il	LumiGen,LumiTreo,Lumiderm,ILVEO HL
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
STXPC 2.0, VI	Stine XP Complete 2.0, Victrato
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.