

Test by: NewVenture, LLC Ellendale, MN

2026 Soybeans Top 30 Harvest Report

Minnesota West Central [MNWC] KERKHOVEN, MN
Rolo Dairy, Rod and Brody Lindquist, Swift County, MN
56252

Early-Season Test	Maturity Group 0.6 - 1.3 S2026MNWC02a
Top 24 of 24	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Verdict, Callisto, Dual, Roundup Powermax
SOIL DESCRIPTION:	Ortonville loam, mod. well drained, non-irrigated
SOIL CONDITION:	7.68 pH, 5.73% OM, 25.29 CEC, high P, high K, high S, high B, high Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
CROP PROTECTION:	Authority (H), Liberty (H), Roundup Powermax (H)
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 8 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 9 117.1 /A
PEST & DISEASE RISK:	Fusarium*

TEST COMMENTS:

This site is a very level and flat location. Planting conditions were near perfect. The beans were tall and standing well, and there was very little evidence of disease pressure. The rainfall for this plot ended up at 1.9" above normal, but July and August were very hot and dry, possibly leaving some yield potential loss. Thank you to Rod and Brody for hosting a plot again this year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 1372E ↗	E3,ST	1.3	R	64.3	13.1	0	117.7	787	1
Genesis	G0880E ↗	E3	0.8	M	64.1	13.7	0	116.0	782	2
AgVenture	AV11D4E ↗	E3	1.1	M	63.2	13.0	1	117.0	774	3
AP Select	11E07 ↗	E3	1.1	NA	62.4	13.5	0	118.0	763	4
Asgrow	AG10XF4 GC ↗	RXF	1.0	R	61.1	12.8	0	118.7	748	5
Hoegemeyer	1287E GC ↗	E3	1.2	n/a	60.6	12.8	2	116.0	742	6
Apex	AE0970 ↗	E3	0.9	M	60.5	13.2	0	118.0	741	7
Connect	CT1127E GC ↗	E3	1.1	PK	60.4	13.1	0	117.7	740	8
AP Select	10XF6 ↗	RXF	1.0	NA	60.1	12.8	0	118.0	736	9
Xitavo	XO 0917E ↗	E3	0.9	M	60.1	13.3	0	118.0	735	10
Genesis	G1260E ↗	E3	1.2	M	59.8	13.6	0	117.0	731	11
Stine	07EK31 ↗	E3	0.7	R	59.6	13.7	0	116.3	728	13
Hoegemeyer	1386E GC ↗	E3	1.3	PK	58.8	13.8	0	118.7	718	14
Xitavo	XO 1207E ↗	E3	1.2	PK	58.2	13.5	0	115.7	711	15
Apex	AE1170 ↗	E3	1.1	PK	58.0	13.7	0	116.7	708	17
Xitavo	XO 0806E ↗	E3	0.8	M	58.0	13.0	0	115.7	710	16
Stine	13EH62 ↗	E3	1.3	M	57.5	13.1	0	116.3	704	18
Genesis	G1110E ↗	E3	1.1	PK	57.3	14.3	1	117.0	698	19
Apex	AE1350 ↗	E3	1.3	M	55.4	14.1	1	116.3	676	20
Stine	08EJ32 ↗	E3	0.8	M	55.2	13.6	0	116.0	674	21
Xitavo	XO 1147E ↗	E3	1.1	M	54.4	13.1	0	117.0	666	22
Stine	10EH02 ↗	E3	1.0	M	52.3	13.5	0	118.7	639	23
Stine	11EK39 ↗	E3	1.1	M	52.0	12.8	1	117.3	637	24
PIONEER	P09Z31E CK	E3	0.9	NA	59.6	13.4	0	116.7	729	12
Averages =					58.8	13.4	0	117.1	720	
LSD (0.10) =					3.2	ns	ns			
LSD (0.25) =					1.7	ns	ns			
C.V. =					5.2			Historic yield: 50.38 bu/a, 3 yr(s)		
Yield & Income Factors:			Base Moisture = 13.0%		Shrink = 1.0	Drying = \$0.05		Prices: GMO = \$12.25		

† 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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Report Date: 10/09/2026

Additional reports available at www.firstseedtests.com

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2026 Soybeans Top 30 Harvest Report

Minnesota West Central [MNWC] KERKHOVEN, MN
Rolo Dairy, Rod and Brody Lindquist, Swift County, MN
56252

Full-Season Test	Maturity Group 1.4 - 2.0 S2026MNWC02b
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Verdict, Callisto, Dual, Roundup Powermax
SOIL DESCRIPTION:	Ortonville loam, mod. well drained, non-irrigated
SOIL CONDITION:	7.68 pH, 5.73% OM, 25.29 CEC, high P, high K, high S, high B, high Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
CROP PROTECTION:	Authority (H), Liberty (H), Roundup Powermax (H)
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 8 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 9 117.6 /A
PEST & DISEASE RISK:	Fusarium*

TEST COMMENTS:

This site is a very level and flat location. Planting conditions were near perfect. The beans were tall and standing well, and there was very little evidence of disease pressure. The rainfall for this plot ended up at 1.9" above normal, but July and August were very hot and dry, possibly leaving some yield potential loss. Thank you to Rod and Brody for hosting a plot again this year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Apex	AE1970 ↗	E3	1.9	PK	63.6	14.6	0	117.0	773	1
Xitavo	XO 1837E ↗	E3	1.8	M	63.1	13.8	0	118.0	769	2
Asgrow	AG16XF5 GC ↗	RXF	1.6	NA	61.0	14.2	0	118.0	744	3
Jacobsen	J2036E3 ↗	E3	2.0	PK	58.7	14.7	0	117.0	714	5
Apex	AE1760 ↗	E3	1.7	M	58.4	12.9	1	117.7	715	4
AgVenture	AV19C3E ↗	E3	1.9	PK	57.4	13.6	1	117.0	701	6
Jacobsen	J1976E3 ↗	E3	1.9	M	57.1	14.3	0	118.0	696	8
Stine	18EJ32 ↗	E3	1.8	R	56.8	13.7	4	116.7	694	9
AgVenture	AV14B2E ↗	E3	1.4	M	56.6	13.2	0	118.7	693	10
AgVenture	AV18D4E ↗	E3	1.8	PK	56.1	13.8	11	117.3	685	11
Renk	RS167E ↗	E3	1.6	M	55.3	13.3	0	117.7	677	12
Stine	17EJ22 ↗	E3	1.7	M	54.9	12.6	3	116.7	673	13
Jacobsen	J1685E3 ↗	E3	1.6	M	54.6	13.3	0	116.7	668	14
Genesis	G1810E ↗	E3	1.8	M	54.2	14.0	0	118.7	661	15
Stine	19EK20 ↗	E3	1.9	M	53.4	14.1	11	117.0	651	17
Connect	CT1825E GC ↗	E3	1.8	PK	53.4	13.5	7	118.0	653	16
Pioneer	P16Z25E GC ↗	E3	1.6	NA	53.1	13.7	1	117.3	649	19
Jacobsen	J1464E3 ↗	E3	1.4	PK	53.1	12.7	3	117.3	650	18
Apex	AE1870 ↗	E3	1.8	M	53.0	15.5	1	117.3	643	21
Stine	19EK02 ↗	E3	1.9	M	53.0	14.5	0	116.3	645	20
Genesis	G1910E ↗	E3	1.9	M	52.6	14.1	0	118.0	642	22
AgVenture	AV16C3E ↗	E3	1.6	PK	52.3	12.6	0	118.3	641	23
Jacobsen	J1886E3 ↗	E3	1.8	M	52.0	13.9	0	118.7	635	24
Apex	AE1650 ↗	E3	1.6	M	51.7	14.2	3	117.0	630	25
Pioneer	P14Z08E GC ↗	E3	1.4	NA	51.5	14.1	6	118.3	628	26
Stine	20EH92 ↗	E3	2.0	M	51.3	14.8	7	118.0	624	27
Dahlman	7618XF ↗	RXF	1.8	M	50.5	13.5	0	118.0	617	28
Xitavo	XO 1776E ↗	E3	1.7	M	50.4	13.0	3	119.3	617	29
Xitavo	XO 2087E ↗	E3	2.0	M	48.7	13.7	0	118.0	595	30
PIONEER	P09Z31E CK	E3	0.9	NA	57.1	12.9	0	116.7	699	7
Averages =					54.6	13.7	2	117.6	669	
LSD (0.10) =					3.7	0.8	4			
LSD (0.25) =					1.9	0.4	2			
C.V. =					6.4					
Ed Dahle					Historic yield: 50.38 bu/a, 3 yr(s)					
ed.dahle@firstseedtests.com, (507) 456-6624										

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

Report Date: 10/09/2026

Additional reports available at www.firstseedtests.com

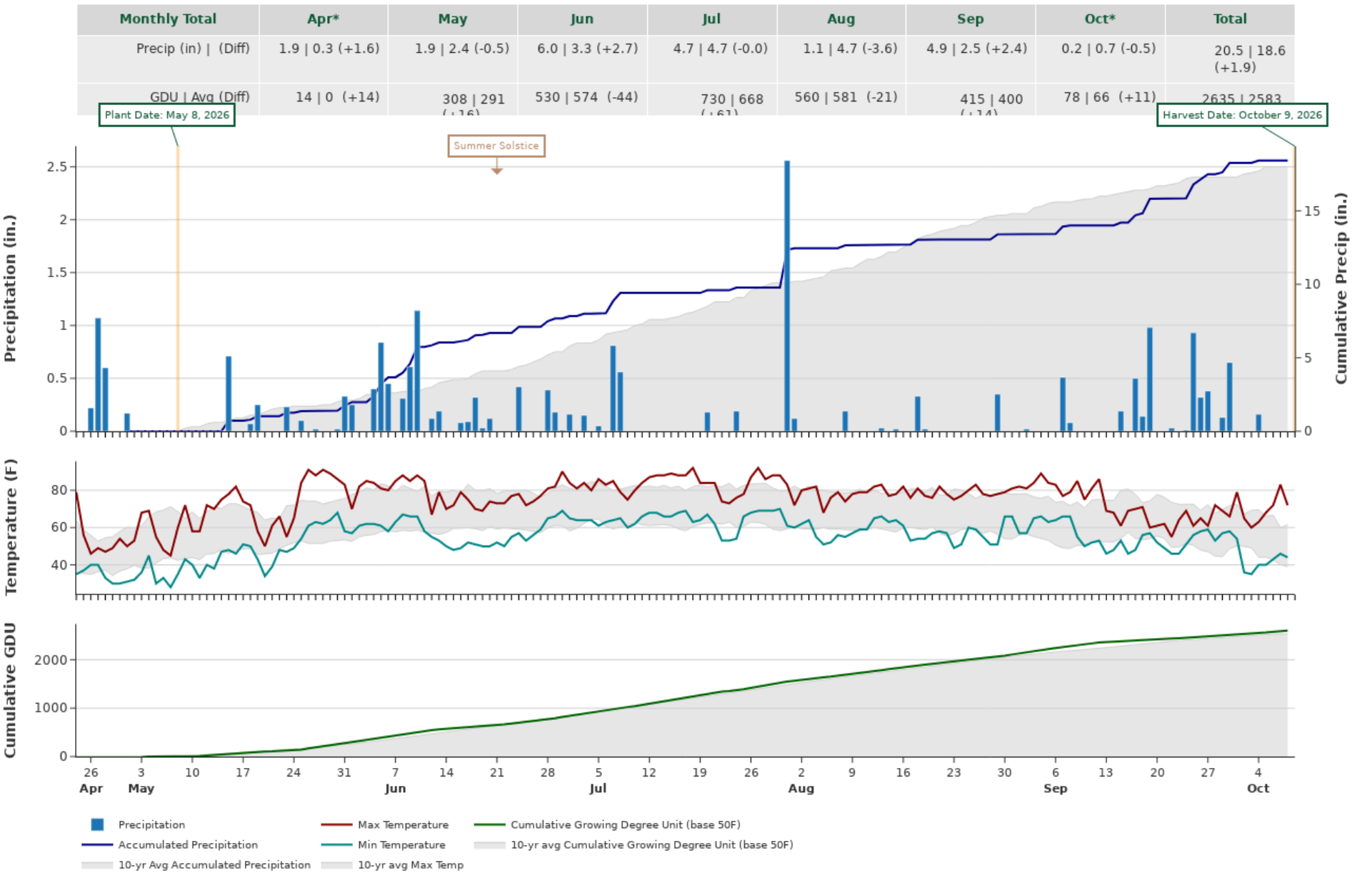
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly 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 KERKHOVEN, MN

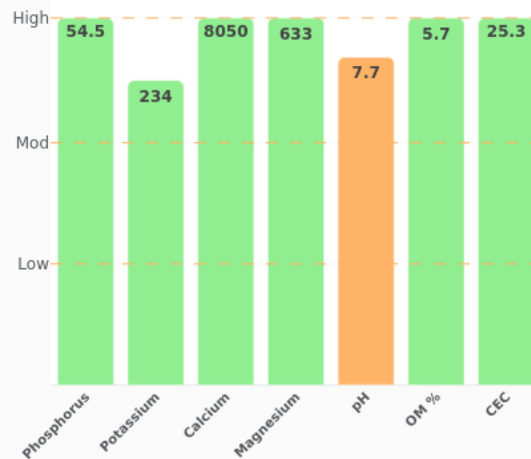
Weather Data Retrieved: 10/09/2026



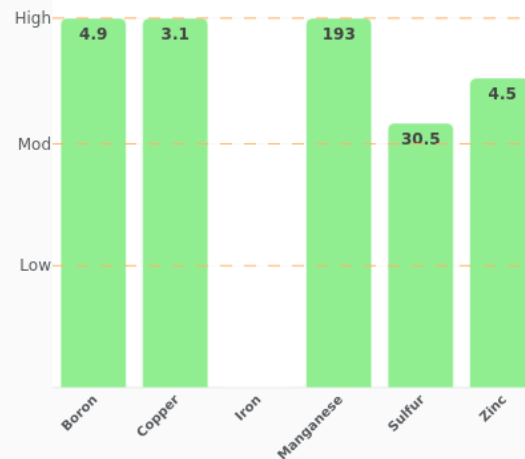
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

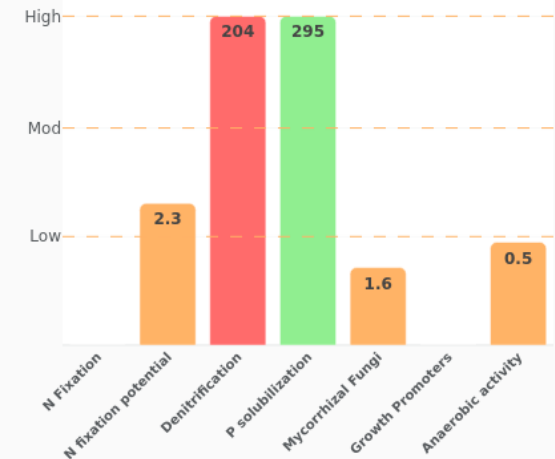
Macronutrients



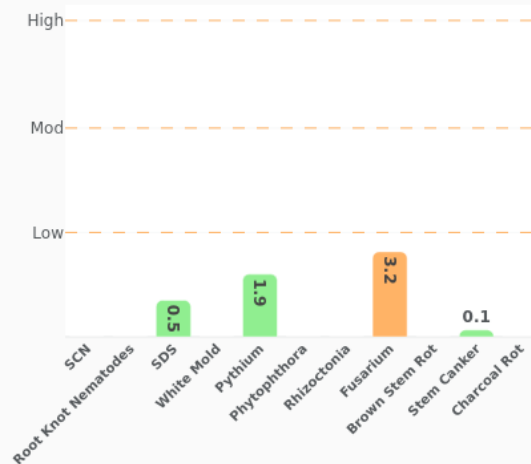
Micronutrients



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.