

Test by: Southern MN FIRST New Richland, MN

2025 Soybeans Top 30 Harvest Report

Minnesota South [MNSO] NEW RICHLAND, MN

Leon Schoenrock, Waseca County, MN 56072

All-Season Test	Maturity Group 1.6 - 2.3 S2025MNSO03
Top 30 of 35	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Laudis, Surpass, Roundup, Atrazine
SOIL DESCRIPTION:	Webster clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	5.76 pH, 5.67% OM, 26.66 CEC, high P, low K, low S, high B, high Zn
TILLAGE/CULTIVATION:	Minimum W/ Fall Till
PEST MANAGEMENT:	Enlist, Roundup, Liberty, Warrant, Clethodim
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 25 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 2 124.5 /A
PEST & DISEASE RISK:	Brown Stem Rot*

TEST COMMENTS:

Planting conditions were quite good here. Leon stated that too many 2-3" rains fell in the last half of June and into August. Rainfall was about 4" above average here this year, which impacted diseases such as red crown rot, brown stem rot, and white mold in area soybeans this fall (Leon saw white mold on many of his soybean acres). The mostly dry and warm September and early October weather also limited seed size here. Plants were tall at harvest, but there were fewer pods on the top one foot of these plants.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 2366E ↗	E3	2.3	M	71.1	13.6	0	126.3	681	1
Pioneer	P21Z71E GC ↗	E3	2.1	PK	69.5	12.8	0	121.7	667	2
Genesis	G2300E ↗	E3	2.3	M	67.1	13.7	0	123.7	643	3
Dairyland	DSR-1601E ↗	E3	1.6	PK	67.0	11.3	0	125.7	643	4
Apex	AE2360 ↗	E3	2.3	M	67.0	12.8	0	124.0	643	5
Xitavo	XO 1776E ↗	E3	1.7	M	65.0	11.6	0	124.0	624	6
Dairyland	DSR-1881E ↗	E3	1.8	M	63.9	11.6	0	125.3	613	7
Dairyland	DSR-2067E ↗	E3	2.0	PK	63.9	11.6	0	123.7	613	8
Golden Harvest	GH2292E3 GC ↗	E3	2.2	M	63.9	11.6	0	124.0	613	9
Xitavo	XO 2206E ↗	E3	2.2	M	63.5	12.7	0	124.7	610	10
Pioneer	P13Z28E GC ↗	E3	1.3	S	63.3	11.1	0	123.3	608	11
Golden Harvest	GH1534E3S GC ↗	E3,ST	1.5	PK	63.2	11.3	0	122.7	607	12
Genesis	G2090E ↗	E3	2.0	PK	63.0	11.4	0	121.0	605	13
Stine	22EG02 ↗	E3	2.2	M	62.8	11.8	0	125.3	603	14
Apex	AE2050 ↗	E3	2.0	PK	62.6	11.6	0	121.7	601	15
Loyal	L2070E ↗	E3	2.0	PK	62.6	11.3	0	123.7	601	16
Stine	20EH92 ↗	E3	2.0	M	62.1	12.3	0	125.0	596	17
Pioneer	P17Z39E GC ↗	E3	1.7	PK	61.6	11.3	0	125.3	591	18
Fortus	2096E ↗	E3	2.0	PK	61.6	11.5	0	125.3	591	19
Jacobsen	J2295E3 ↗	E3	2.2	M	61.5	11.4	0	124.0	590	20
Golden Harvest	GH1973E3S GC ↗	E3,ST	1.9	PK	61.0	11.1	0	123.7	586	21
Xitavo	XO 2075E ↗	E3	2.0	PK	60.9	11.4	0	124.3	585	22
Fortus	2366E ↗	E3	2.3	PK	60.4	13.0	0	126.0	580	23
Jacobsen	J1942E3 ↗	E3	1.9	PK	58.9	11.9	0	125.0	565	24
Loyal	L2370E ↗	E3	2.3	PK	58.8	12.2	0	125.3	564	25
Stine	18EJ12 ↗	E3	1.8	M	58.0	11.4	0	127.7	557	26
Apex	AE1520 GC ↗	E3	1.5	M	57.9	11.6	0	127.3	556	27
Apex	AE1960 ↗	E3	1.9	M	57.5	11.2	0	123.0	552	28
Genesis	G1760E ↗	E3	1.7	M	57.4	11.7	1	120.7	551	29
Xitavo	XO 1986E GC ↗	E3	1.9	M	56.8	11.2	0	125.7	545	30

Mark Querna

Mark Querna

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Averages = **61.5** **11.8** **0** **124.5** **590**

LSD (0.10) = 3.5 0.4 ns

LSD (0.25) = 1.8 0.2 ns

C.V. = 5.3

Historic yield: 62.2 bu/a, 21 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$9.60

Report Date: 10/05/2025

Additional reports available at www.firstseedtests.com

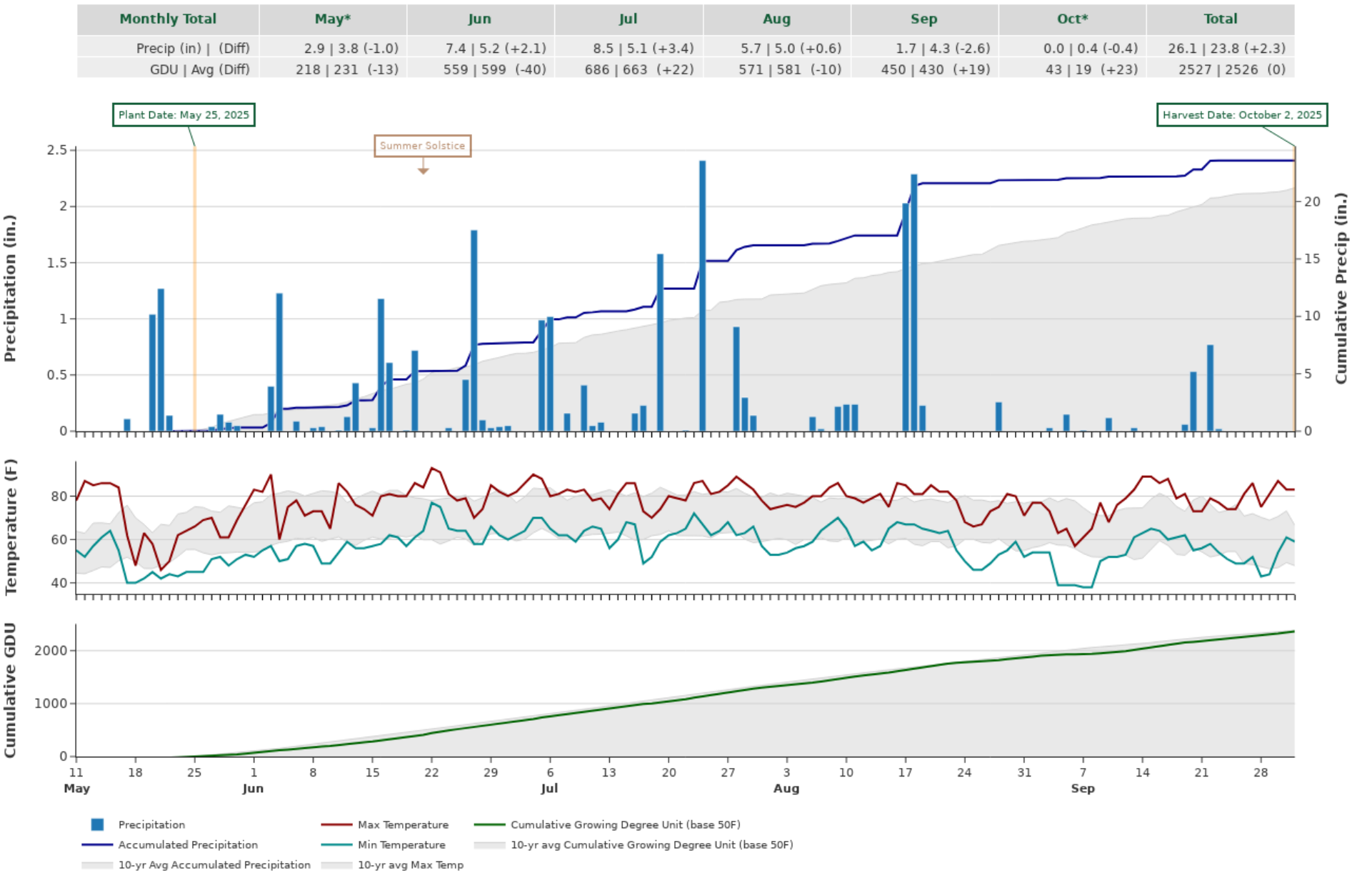
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

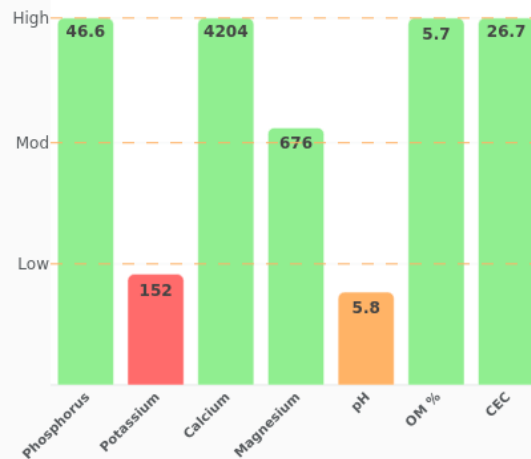
Weather Data Retrieved: 10/05/2025



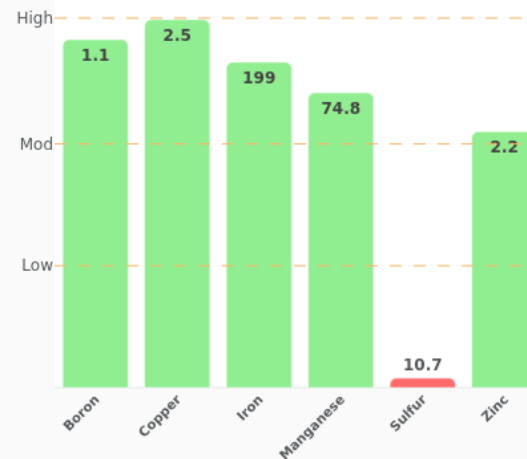
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

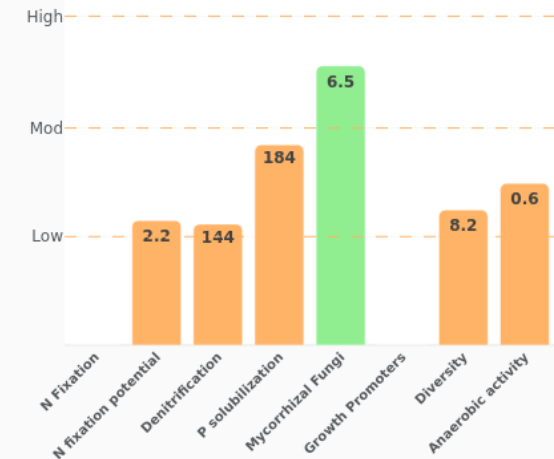
Macronutrients



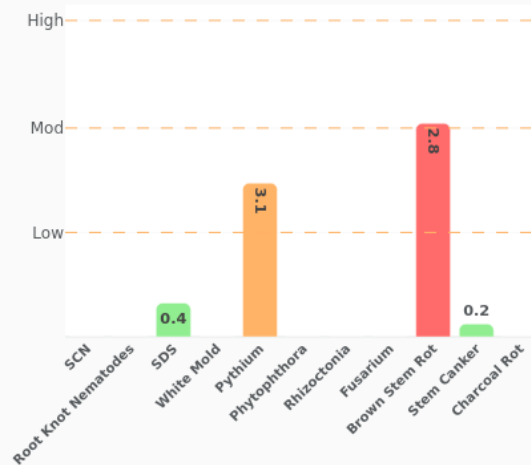
Micronutrients



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](#)

2025 Soybeans - Minnesota South [MNSO]

All-Season Test Products (35 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1520	E3	M	1.5	CMB-APX,SA
Apex	AE1960	E3	M	1.9	CMB-APX,SA
Apex	AE2050	E3	PK	2.0	CMB-APX,SA
Apex	AE2360	E3	M	2.3	CMB-APX,SA
Dairyland	DSR-1601E	E3	PK	1.6	Lum, LumT, IL
Dairyland	DSR-1881E	E3	M	1.8	Lum, LumT, IL
Dairyland	DSR-2067E	E3	PK	2.0	Lum, LumT, IL
Fortus	1895E	E3	PK	1.8	ACi,SU
Fortus	2096E	E3	PK	2.0	ACi,SU
Fortus	2165E	E3	M	2.1	ACi,SU
Fortus	2366E	E3	PK	2.3	ACi,SU
Genesis	G1690E	E3	M	1.6	EcTC
Genesis	G1760E	E3	M	1.7	EcTC
Genesis	G1980E	E3	PK	1.9	EcTC
Genesis	G2090E	E3	PK	2.0	EcTC,SA
Genesis	G2300E	E3	M	2.3	EcTC,SA
Golden Harvest	GH1534E3S	E3,ST	PK	1.5	CMB-APX,SA
Golden Harvest	GH1973E3S	E3,ST	PK	1.9	CMB-APX,SA
Golden Harvest	GH2292E3	E3	M	2.2	CMB-APX,SA
Jacobsen	J1942E3	E3	PK	1.9	Lum, LumT, IL
Jacobsen	J2295E3	E3	M	2.2	Treated
Loyal	L1860E	E3	PK	1.8	Treated
Loyal	L2070E	E3	PK	2.0	Treated
Loyal	L2370E	E3	PK	2.3	Treated
Pioneer	P13Z28E	E3	S	1.3	Untreated
Pioneer	P17Z39E	E3	PK	1.7	Untreated
Pioneer	P21Z71E	E3	PK	2.1	Untreated
Stine	18EJ12	E3	M	1.8	SFI
Stine	20EH92	E3	M	2.0	SFI
Stine	22EG02	E3	M	2.2	SFI
Xitavo	XO 1776E	E3	M	1.7	PV,IL,OB,Rey
Xitavo	XO 1986E	E3	M	1.9	PV,IL,OB,Rey
Xitavo	XO 2075E	E3	PK	2.0	PV,IL,OB,Rey
Xitavo	XO 2206E	E3	M	2.2	PV,IL,OB,Rey
Xitavo	XO 2366E	E3	M	2.3	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.

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®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

ACi,SU	Acceleron® Standard Insecticide-Fungicide, StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.