

Test by: Southern MN FIRST New Richland, MN

## 2023 Soybeans Top 30 Harvest Report

Minnesota South Central [MNSC] WABASSO, MN  
Leon Plaetz, Redwood County, MN 56293

<b>All-Season Test</b>	Maturity Group 1.5 - 2.2 S2023MNSC06
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Tripleflex, Generic Calisto, Atrazine, Roundup
<b>SOIL DESCRIPTION:</b>	Amiret loam, well drained, non- irrigated
<b>SOIL CONDITION:</b>	very high P, medium K, 5.9 pH, 2.3% OM, 19.5 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Liberty, Roundup, Fusilade
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 25 130.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 10 115.5 /A

### TEST COMMENTS:

Spring was wet, including 9" of rain in the first half of May before planting. The summer was hot and dry, with only 2" of rain falling in June, July, and August. When I asked Leon how his beans yielded across his farms, he stated, "better than they looked". I have heard this a lot this fall. There was some Iron Chlorosis here, which has shown up in susceptible fields due to the dry conditions that many areas had this year. Beans stood well in the plot and were average to tall at harvest time.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Zinesto	Z1603E ↗	E3	1.6	R	<b>61.2</b>	10.7	0	114.5	780	1
Genesis	G1760E ↗	E3	1.7	R	<b>60.6</b>	11.1	0	116.3	773	2
Dyna-Gro	S19XF62 ↗	RXF	1.9	R	<b>60.3</b>	10.9	0	114.0	769	3
Zinesto	Z1502E ↗	E3	1.5	NA	<b>60.1</b>	10.8	0	115.3	766	4
Asgrow	AG18XF1 § ↗	RXF	1.8	R	<b>58.9</b>	11.0	0	116.5	751	5
Golden Harvest	GH2292E3 GC ↗	E3	2.2	MR	56.9	11.1	0	116.7	725	6
Xitavo	XO 1404E ↗	E3	1.4	R	56.3	11.5	0	116.0	718	7
Golden Harvest	GH2004XF § ↗	RXF	2.0	MR	56.0	10.9	0	116.7	714	8
Pioneer	P19A66E § ↗	E3	1.9	NA	55.7	10.5	0	113.7	710	9
Xitavo	XO 1761E ↗	E3	1.7	R	55.6	10.4	0	117.3	709	10
Dairyland	DSR-1919E ↗	E3	1.9	R	55.4	10.1	0	115.3	706	11
Xitavo	XO 1632E ↗	E3	1.6	R	54.6	11.4	0	116.3	696	12
Zinesto	Z2002E ↗	E3	2.0	NA	54.5	10.9	0	116.0	695	13
Loyal	L1460E GC ↗	E3	1.4	NA	54.2	10.9	0	114.7	691	14
Asgrow	AG19XF3 § ↗	RXF	1.9	R	54.1	11.1	0	116.0	690	15
Pioneer	P19A37E § ↗	E3	1.9	NA	54.1	10.6	0	115.7	690	16
Dairyland	DSR-1788E ↗	E3	1.7	R	54.0	10.6	0	114.7	688	17
Dairyland	DSR-2188E ↗	E3	2.1	R	54.0	10.6	0	118.0	688	18
Xitavo	XO 1971E ↗	E3	1.9	R	53.7	10.5	0	115.0	685	19
Titan Pro	TP 18E22 ↗	E3	1.8	R	53.0	11.0	0	115.0	676	20
Hefty	H18E3 ↗	E3	1.8	R	52.8	10.7	0	115.7	673	21
Loyal	L2150E GC ↗	E3	2.1	NA	52.7	10.9	0	115.0	671	22
Stine	20EG02 § ↗	E3	2.0	R	52.0	10.8	0	114.7	663	23
Golden Harvest	GH1802E3 § ↗	E3	1.8	R	51.8	10.6	0	115.7	660	24
Xitavo	XO 2282E ↗	E3	2.2	R	51.7	10.1	0	116.0	659	25
Xitavo	XO 1822E ↗	E3	1.8	R	51.7	11.0	0	114.7	659	26
Zinesto	Z2101E ↗	E3	2.1	R	51.4	10.1	0	115.0	655	27
Anderson	A1923XF ↗	RXF	1.9	MR	51.3	10.2	0	117.0	654	28
Anderson	A182E3 ↗	E3	1.8	MR	51.3	10.0	0	112.7	654	29
Dairyland	DSR-1505E ↗	E3	1.5	R	50.5	9.9	0	114.3	644	30



Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Averages = **52.3** **10.7** **115.5** **667**

LSD (0.10) = 5.1 0.6 ns

LSD (0.25) = 2.7 0.3 ns

C.V. = 9.3

Historic yield: 56.39 bu/a, 16 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$12.75

Report Date: 10/11/2023

† 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

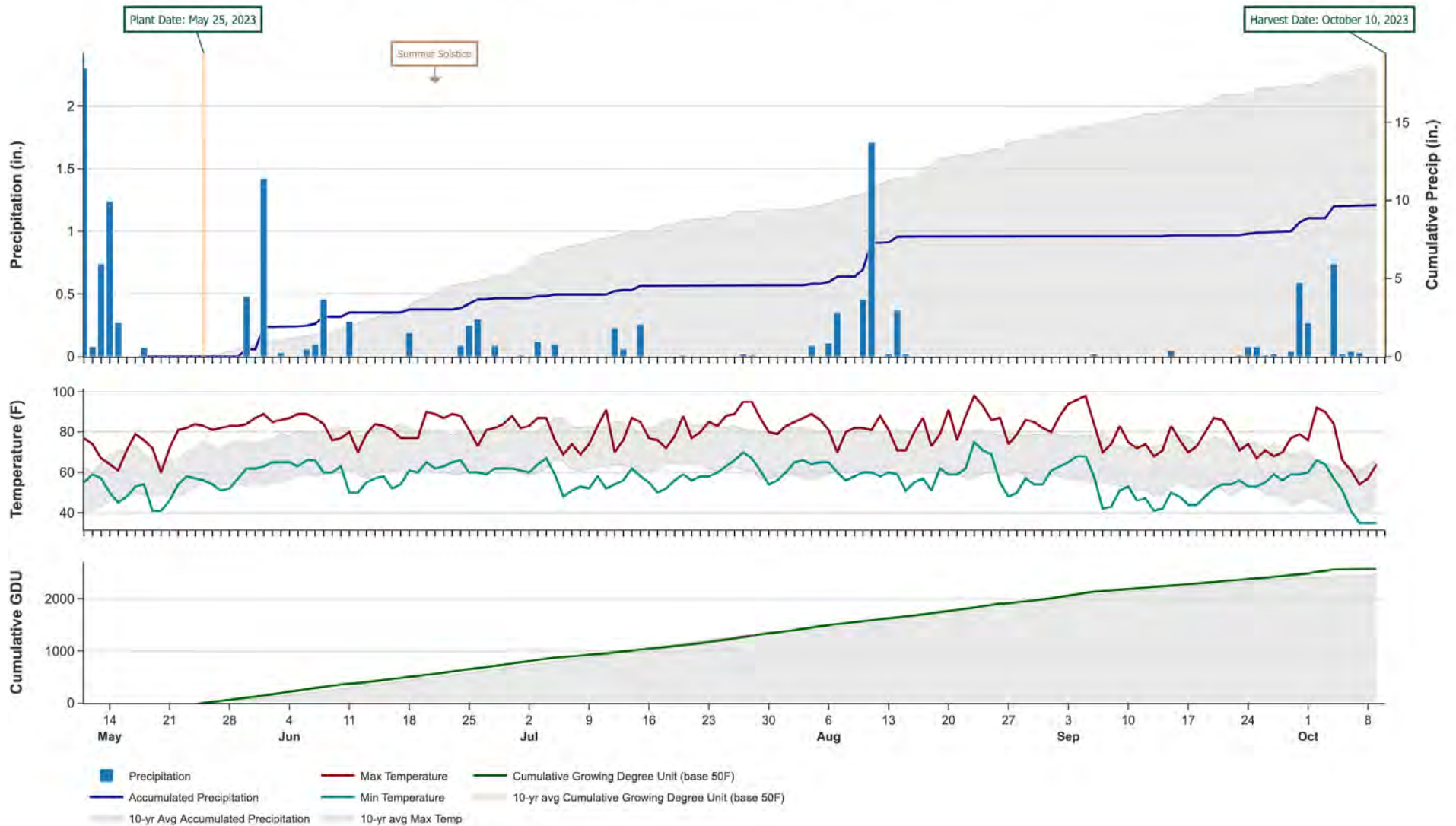
©2023, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

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

# 2023 Soybeans - Minnesota South Central [ MNSC ]

## Weather Conditions Summary at WABASSO, MN

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	5.2   2.9 (+2.3)	3.3   4.5 (-1.3)	0.8   4.1 (-3.2)	3.1   4.7 (-1.6)	0.9   3.2 (-2.3)	1.1   1.1 (-0.0)	14.4   20.5 (-6.1)
GDU   Avg (Diff)	322   223 (+98)	641   598 (+42)	593   688 (-95)	637   607 (+29)	476   419 (+56)	104   64 (+39)	2773   2601 (+171)



\* 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.

## 2023 Soybeans - Minnesota South Central [ MNSC ]

### All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Anderson	A182E3	E3	MR	1.8	Untreated
Anderson	A1923XF	RXF	MR	1.9	Untreated
Asgrow	AG16XF3 §	RXF	R	1.6	ACi,IL
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Dairyland	DSR-1505E	E3	R	1.5	Lum,Lu,IL
Dairyland	DSR-1788E	E3	R	1.7	Lum,Lu,IL
Dairyland	DSR-1919E	E3	R	1.9	Lum,Lu,IL
Dairyland	DSR-2188E	E3	R	2.1	Lum,Lu,IL
Dyna-Gro	S16EN42	E3	R	1.6	EQV,Sa,Va
Dyna-Gro	S19XF62	RXF	R	1.9	EQV,Sa,Va
Dyna-Gro	S20EN84	E3	R	2.0	EQV,Sa,Va
Genesis	G1760E	E3	R	1.7	EcQ,NF,NH,SA
Genesis	G2180E	E3	R	2.1	EcQ,NF,NH,SA
Golden Harvest	GH1614E3 §	E3	R	1.6	CMB-APX,SA
Golden Harvest	GH1802E3 §	E3	R	1.8	CMB-APX,SA
Golden Harvest	GH2004XF §	RXF	MR	2.0	CMB-APX,SA
Golden Harvest	GH2292E3 GC	E3	MR	2.2	CMB-APX,SA
Hefty	H16E4	E3	R	1.6	DST5
Hefty	H18E3	E3	R	1.8	DST5
Hefty	H20E3	E3	R	2.0	DST5
Loyal	L1460E GC	E3	NA	1.4	EcQ,NF,NH
Loyal	L2150E GC	E3	NA	2.1	EcQ,NF,NH
Pioneer	P18A73E §	E3	NA	1.8	Lum, LumT, IL
Pioneer	P19A37E §	E3	NA	1.9	Lum
Pioneer	P19A66E §	E3	NA	1.9	Lum, LumT, IL
Stine	14EG32 §	E3	R	1.4	ACi
Stine	19EG92 §	E3	R	1.9	ACi
Stine	20EG02 §	E3	R	2.0	ACi
Stine	21EG32 GC	E3	R	2.1	ACi
Titan Pro	TP 18E22	E3	R	1.8	SA,A,R,TU
Xitavo	XO 1404E	E3	R	1.4	PV,IL,OB,Rey
Xitavo	XO 1632E	E3	R	1.6	PV,IL,OB,Rey
Xitavo	XO 1761E	E3	R	1.7	PV,IL,OB,Rey
Xitavo	XO 1822E	E3	R	1.8	PV,IL,OB,Rey
Xitavo	XO 1971E	E3	R	1.9	PV,IL,OB,Rey
Xitavo	XO 2181E	E3	R	2.1	PV,IL,OB,Rey
Xitavo	XO 2282E	E3	R	2.2	PV,IL,OB,Rey
Zinesto	Z1502E	E3	NA	1.5	DST5
Zinesto	Z1603E	E3	R	1.6	DST5
Zinesto	Z1802E	E3	NA	1.8	DST5
Zinesto	Z1902E	E3	NA	1.9	DST5

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Zinesto	Z2002E	E3	NA	2.0	DST5
Zinesto	Z2101E	E3	R	2.1	DST5
Zinesto	Z2202E	E3	NA	2.2	DST5

## 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.
§	United Soybean Board sponsored entry

### Soybean Cyst Nematode (SCN) Resistance Rating

---

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies

---

E3	Enlist E3®
RXF	XtendFlex®

---

### Soybeans Seed Treatments\*

---

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Salstro®
DST5	Dominance 5 ST
EcQ,NF,NH	Eclipse US Total Quad-R, N-Force, N-Hibit
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
EQV,Sa,Va	Equity VIP, Salstro®, Vayantis®
Lum	LumiGEN™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA,A,R,TU	Salstro, AllegianceFL, Redigo480, TriUp
Untreated	No seed treatment

---

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