

Test by: Southern MN FIRST New Richland, MN

## 2024 Soybeans Top 30 Harvest Report

Minnesota South Conventional Specialty [MNSOCV]  
LAMBERTON, MN  
Ed Iverson, Redwood County, MN 56152

<b>All-Season Test</b>	Maturity Group 1.4 - 2.3 S2024MNSOCV18
<b>Top 30 of 30</b>	For Gross Income (Sorted by Yield) Average of (2) Replications
<b>PREV. CROP/HERB:</b>	Corn / Harness, Accent, Atrazine, Callisto
<b>SOIL DESCRIPTION:</b>	North Twin-Walnut Grove Complex clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, high K, 7.3 pH, 3.8% OM, 23.0 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Prowl, Flexstar Cleanse 2ec
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 11 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 11 120.6 /A

### TEST COMMENTS:

Excessive rains fell here from mid-April through July. Soil conditions were fit at this late planting date, but by no means excellent. Varieties were slow to grow due to saturated soil conditions. Very little rain fell from early August through mid-October. Soybean roots appeared to run out of steam by late season. Ed pointed out that a lot of his soybean yields are below average this year, which matches the story of most farmers across southern MN, especially in southwest MN. One replicate was removed due to low spot with more saturated soil conditions.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Legacy	LS121-22C GC ↗	CONV	1.2	NA	<b>38.9</b>	7.5	0	113.5	533	1
Sevita	TILLSON ↗	CONV	2.4	NA	<b>38.4</b>	8.5	0	125.0	526	2
DF Seeds	DF 193 N F ↗	CONV	1.9	M	<b>38.0</b>	8.9	0	118.5	521	3
DF Seeds	DF 205 N F ↗	CONV	2.0	M	<b>37.5</b>	7.9	0	126.5	514	4
Sevita	CANDOR ↗	CONV	1.9	NA	<b>37.3</b>	7.7	0	120.5	511	5
DF Seeds	EXP 2.1 ↗	CONV	2.1	NA	<b>37.3</b>	10.6	0	118.5	511	6
Asgrow	AG14XF4 § ↗	RXF	1.4	R	<b>37.2</b>	8.2	0	123.5	379	23
Stine	17EE32 § ↗	E3	1.7	M	<b>37.0</b>	7.8	0	119.0	377	25
Viking   Blue River	23B5 ↗	CONV	2.3	PK	35.4	7.6	0	121.5	485	7
Pioneer	P15A20 § ↗	CONV	1.5	R	34.7	7.9	0	122.5	475	8
Sevita	ALINOVA ↗	CONV	1.5	NA	34.3	7.6	0	117.5	470	9
DF Seeds	DF 174 N ↗	CONV	1.7	R	34.3	7.8	0	122.0	469	10
Legacy	LS151-24C GC ↗	CONV	1.5	NA	34.0	7.7	0	124.0	466	11
Sevita	HALDI ↗	CONV	1.5	NA	33.0	7.6	0	125.0	452	12
DF Seeds	EXP 1.9 ↗	CONV	1.9	NA	32.2	8.0	0	125.5	441	13
Pioneer	P18A82 § ↗	CONV	1.8	R	31.5	8.4	0	124.5	432	14
SB & B Foods	SB1270 ↗	CONV	1.2	S	31.1	7.4	0	126.0	426	15
Grain Millers	GSP 17 ↗	CONV	1.7	S	30.8	8.1	0	125.5	422	16
Sevita	ROWAN ↗	CONV	2.0	NA	30.6	7.5	0	126.5	419	17
Viking   Blue River	19B5 ↗	CONV	1.9	M	29.8	7.6	0	122.0	408	18
Puris	PS179 GC ↗	CONV	1.7	NA	29.3	7.4	0	118.5	401	19
SB & B Foods	SB712 ↗	CONV	1.2	M	28.5	6.8	0	125.0	390	20
Richland IFC	MK373 ↗	CONV	2.0	S	28.3	7.7	0	118.5	386	21
Viking   Blue River	IAS19C3 ↗	CONV	2.1	M	28.0	8.7	0	109.0	384	22
Golden Harvest	GH1875E3 § ↗	E3	1.8	M	27.7	7.4	0	115.0	283	29
Viking   Blue River	15B5 ↗	CONV	1.5	MR	27.6	7.7	0	122.0	378	24
DF Seeds	DF 187 N ↗	CONV	1.8	R	27.2	7.2	0	122.5	373	26
SB & B Foods	SB700 ↗	CONV	0.7	S	26.9	7.0	0	124.5	369	27
DF Seeds	EXP 1.7 ↗	CONV	1.7	NA	26.1	6.7	0	122.0	358	28
Pioneer	P21A20 § ↗	CONV	2.1	R	19.1	7.1	0	92.5	262	30

*Mark Querna*

Mark Querna

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

Averages = **32.1** **7.8** **120.6** **427**

LSD (0.10) = 3.7 0.9 ns

LSD (0.25) = 1.9 0.5 ns

C.V. = 8.7

Historic yield: 53.81 bu/a, 5 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$10.20; non-GMO = \$13.70

Report Date: 10/11/2024

† 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 exceeded 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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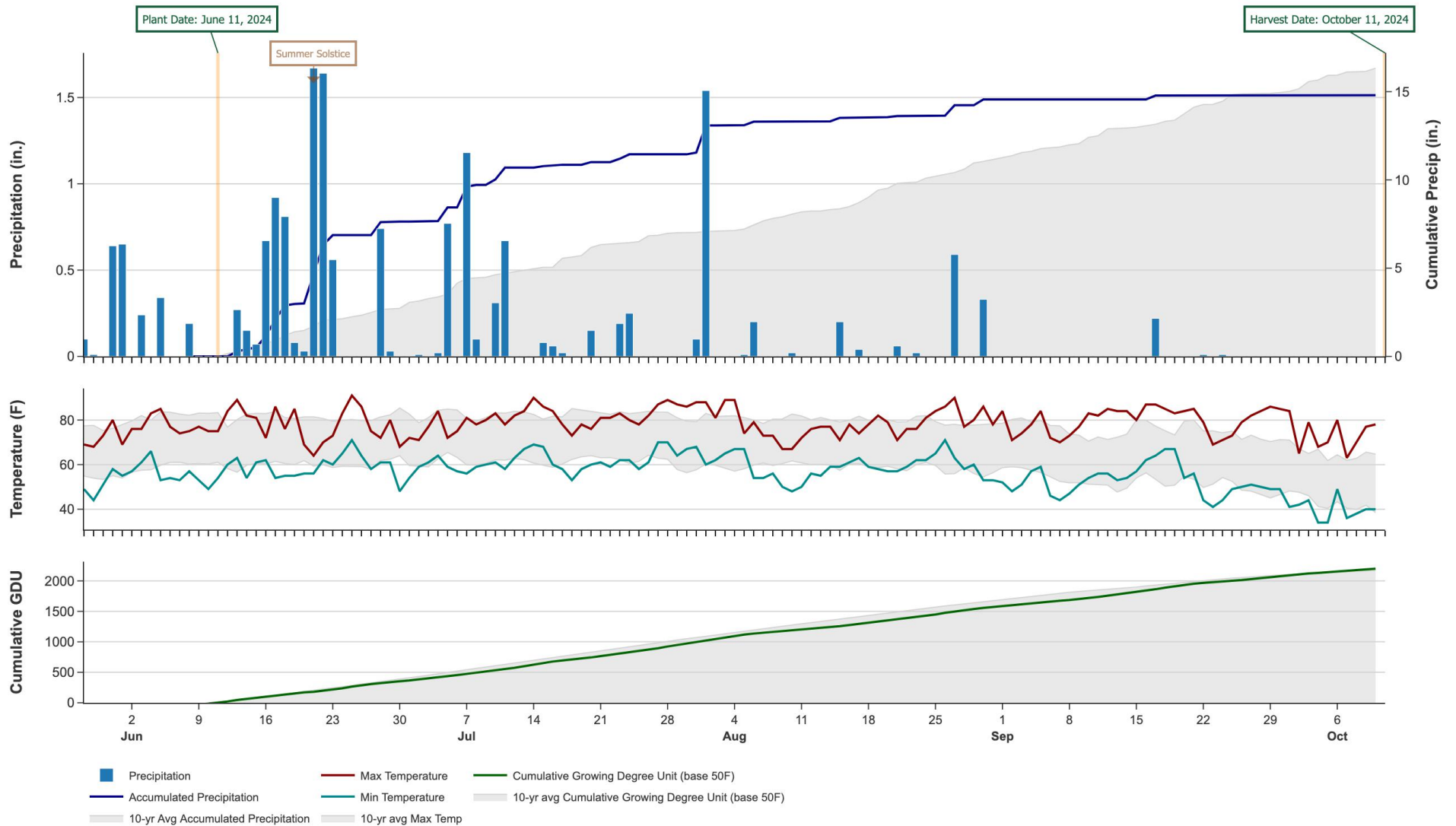
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## Weather Conditions Summary at LAMBERTON, MN

Weather Data Retrieved: 10/11/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	0.8   0.9 (-0.2)	9.1   3.9 (+5.2)	3.9   4.3 (-0.4)	3.0   4.1 (-1.1)	0.2   3.8 (-3.5)	0.0   1.4 (-1.4)	17.0   18.4 (-1.4)
GDU   Avg (Diff)	50   61 (-11)	530   617 (-87)	650   678 (-28)	571   604 (-33)	510   424 (+85)	117   75 (+41)	2428   2462 (-34)



\* 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.

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### All-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG14XF4 §	RXF	R	1.4	ACi,IL
DF Seeds	DF 174 N	CONV	R	1.7	DFender
DF Seeds	DF 187 N	CONV	R	1.8	DFender
DF Seeds	DF 193 N F	CONV	M	1.9	DFender
DF Seeds	DF 205 N F	CONV	M	2.0	DFender
DF Seeds	EXP 1.7	CONV	NA	1.7	Untreated
DF Seeds	EXP 1.9	CONV	NA	1.9	Untreated
DF Seeds	EXP 2.1	CONV	NA	2.1	Untreated
Golden Harvest	GH1875E3 §	E3	M	1.8	CMB-APX,SA
Grain Millers	GSP 17	CONV	S	1.7	F
Legacy	LS121-22C GC	CONV	NA	1.2	F,I
Legacy	LS151-24C GC	CONV	NA	1.5	F,I
Pioneer	P15A20 §	CONV	R	1.5	Untreated
Pioneer	P18A82 §	CONV	R	1.8	Untreated
Pioneer	P21A20 §	CONV	R	2.1	Untreated
Puris	PS179 GC	CONV	NA	1.7	NA
Richland IFC	MK373	CONV	S	2.0	NA
SB & B Foods	SB1270	CONV	S	1.2	Untreated
SB & B Foods	SB700	CONV	S	0.7	Untreated
SB & B Foods	SB712	CONV	M	1.2	Untreated
Sevita	ALINOVA	CONV	NA	1.5	F,I,NE
Sevita	CANDOR	CONV	NA	1.9	F,I,NE
Sevita	HALDI	CONV	NA	1.5	F,I,NE
Sevita	ROWAN	CONV	NA	2.0	F,I,NE
Sevita	TILLSON	CONV	NA	2.4	F,I,NE
Stine	17EE32 §	E3	M	1.7	TFX1,SA
Viking   Blue River	15B5	CONV	MR	1.5	Untreated
Viking   Blue River	19B5	CONV	M	1.9	Untreated
Viking   Blue River	23B5	CONV	PK	2.3	Untreated
Viking   Blue River	IAS19C3	CONV	M	2.1	Untreated

## 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 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

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CONV	Conventional
E3	Enlist E3®
RXF	XtendFlex®

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Saltro®
DFender	DFender (Legacy Seeds)
F	Fungicide
F,I	Fungicide, Insecticide
F,I,NE	Fungicide, Insecticide, Nematicide
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment

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