

Test by: Southern MN FIRST New Richland, MN

## 2024 Soybeans Top 30 Harvest Report

Minnesota South Conventional Specialty [MNSOCV]  
NERSTRAND, MN  
Schrader Grain, Rice County, MN

<b>All-Season Test</b>	Maturity Group 1.4 - 2.3 S2024MNSOCV20
<b>Top 30 of 30</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Resicore, Roundup, Stinger
<b>SOIL DESCRIPTION:</b>	Kato silty clay loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, very high K, 7.5 pH, 5.0% OM, 21.3 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Prefix, Intensity, Cadet, Endigo
<b>FERTILITY - Applied N:</b>	13 Fall
<b>Applied N-P-K (units):</b>	13-63-98
<b>SEEDED - RATE - ROW:</b>	May 18 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 6 124.6 /A

### TEST COMMENTS:

*This site was planted in good soil conditions. In early June, 5.5" of rain caused ponding right next to this plot, and left corn stalk residue on the end rows after the water receded. Four plots in the first tier were lost, but the rest of this conventional site looked great at harvest. Plants stood well, although some food-grade varieties were quite short. Weed control was very good. Seed size was larger here than I have seen at other FIRST sites in southern MN. Brian told me they had plenty of rain, but this area did not get as much excessive rainfall in April, May, and June as other southern MN sites to the west and south. The \$3.50 premium shown here for Food Grade soybeans is an estimate of the premiums available. Be sure to ask your seed supplier about premiums for each variety of interest.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	17EE32 § ↗	E3	1.7	M	<b>74.5</b>	7.7	1	127.3	760	17
Sevita	CANDOR ↗	CONV	1.9	NA	<b>72.5</b>	7.7	0	126.0	993	1
Pioneer	P18A82 § ↗	CONV	1.8	R	<b>71.2</b>	7.9	0	124.7	975	2
Viking   Blue River	IAS19C3 ↗	CONV	2.1	M	<b>70.6</b>	8.2	0	130.5	966	3
DF Seeds	DF 205 N F ↗	CONV	2.0	M	<b>70.0</b>	7.9	1	124.7	959	4
Legacy	LS121-22C GC ↗	CONV	1.2	NA	<b>67.0</b>	7.3	0	129.3	918	5
Viking   Blue River	15B5 ↗	CONV	1.5	MR	<b>66.1</b>	7.5	0	125.5	906	6
Viking   Blue River	23B5 ↗	CONV	2.3	PK	<b>65.0</b>	7.6	0	126.0	890	7
Golden Harvest	GH1875E3 § ↗	E3	1.8	M	<b>64.0</b>	7.8	0	127.0	653	26
Asgrow	AG14XF4 § ↗	RXF	1.4	R	63.0	7.5	0	124.3	643	27
Legacy	LS151-24C GC ↗	CONV	1.5	NA	62.4	7.6	0	124.0	855	8
DF Seeds	DF 174 N ↗	CONV	1.7	R	61.8	7.9	5	129.5	847	9
Sevita	TILLSON ↗	CONV	2.4	NA	61.7	7.8	0	127.3	845	10
DF Seeds	DF 187 N ↗	CONV	1.8	R	61.5	8.6	3	126.3	843	11
Viking   Blue River	19B5 ↗	CONV	1.9	M	60.7	7.9	3	125.0	832	12
Richland IFC	MK373 ↗	CONV	2.0	S	60.6	9.0	1	126.7	830	13
Grain Millers	GSP 17 ↗	CONV	1.7	S	59.5	7.8	0	125.0	815	14
DF Seeds	EXP 2.1 ↗	CONV	2.1	NA	59.2	14.6	0	126.7	809	15
Pioneer	P15A20 § ↗	CONV	1.5	R	56.0	7.6	0	125.0	767	16
Pioneer	P21A20 § ↗	CONV	2.1	R	54.2	8.1	0	124.3	743	18
Puris	PS179 GC ↗	CONV	1.7	NA	53.1	7.5	0	121.7	727	19
DF Seeds	EXP 1.9 ↗	CONV	1.9	NA	53.0	8.1	0	122.3	726	20
DF Seeds	DF 193 N F ↗	CONV	1.9	M	52.2	8.0	0	124.0	715	21
SB & B Foods	SB1270 ↗	CONV	1.2	S	51.8	7.4	0	128.7	710	22
Sevita	ALINOVA ↗	CONV	1.5	NA	51.5	7.6	5	122.0	706	23
Sevita	HALDI ↗	CONV	1.5	NA	51.1	7.7	0	128.3	700	24
Sevita	ROWAN ↗	CONV	2.0	NA	48.7	7.9	3	113.3	667	25
SB & B Foods	SB712 ↗	CONV	1.2	M	45.0	7.5	0	122.0	616	28
SB & B Foods	SB700 ↗	CONV	0.7	S	42.9	7.4	0	120.3	588	29
DF Seeds	EXP 1.7 ↗	CONV	1.7	NA	41.0	7.5	0	115.3	562	30

*Mark Querna*

Mark Querna

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

Averages = **58.9** **8.0** **1** **124.6** **786**

LSD (0.10) = 5.1 0.5 ns

LSD (0.25) = 2.7 0.3 ns

C.V. = 8.2 Historic yield: 62.66 bu/a, 7 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: 10/07/2024

Additional reports available at [www.firstseedtests.com](http://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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

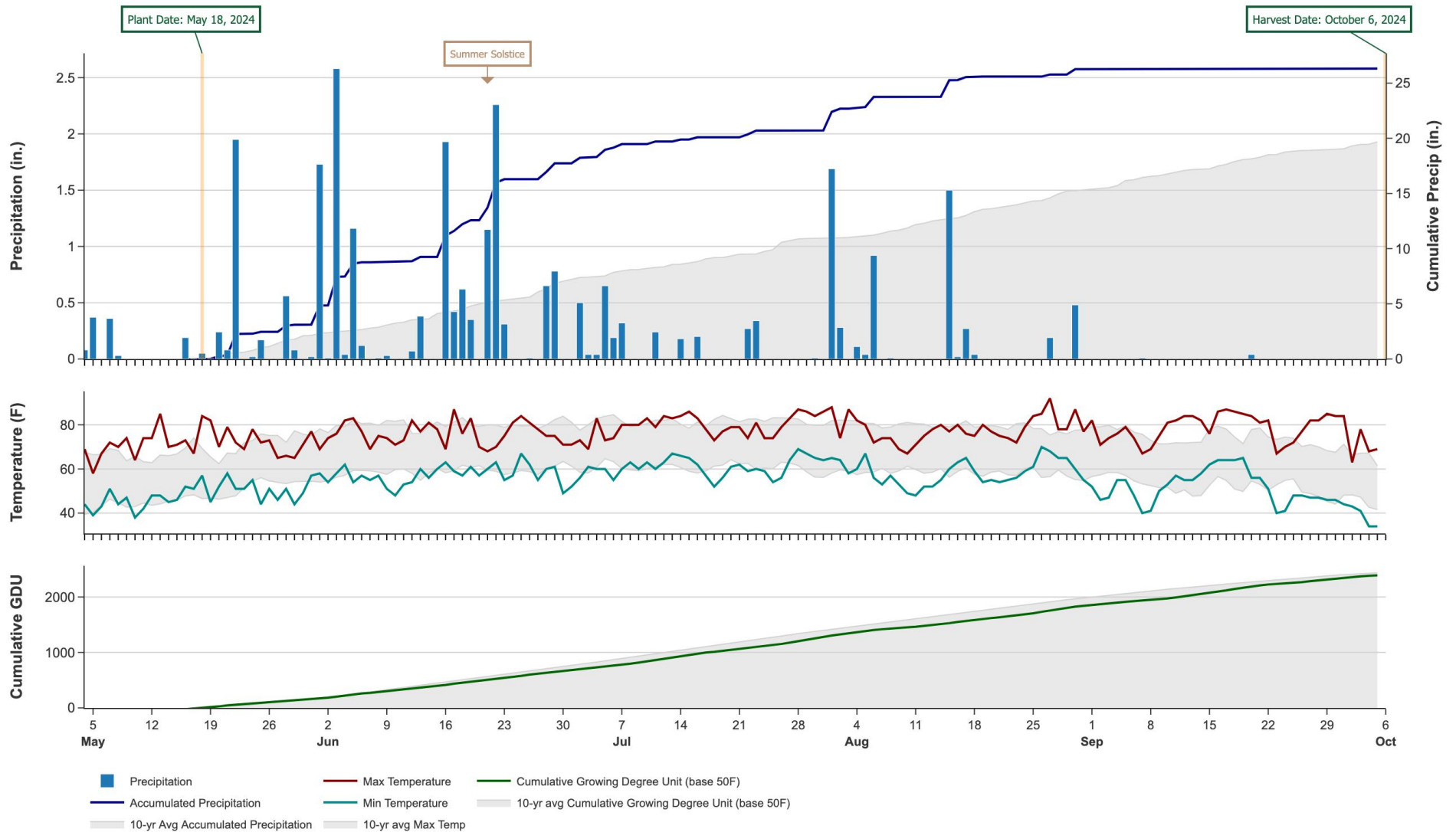
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# 2024 Soybeans - Minnesota South Conventional Specialty [ MNSOCV ]

## Weather Conditions Summary at NERSTRAND, MN

Weather Data Retrieved: 10/07/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	4.2   4.6 (-0.4)	14.6   4.9 (+9.7)	3.0   3.9 (-0.9)	5.5   4.4 (+1.2)	0.1   3.7 (-3.6)	0.0   0.7 (-0.7)	27.4   22.1 (+5.2)
GDU   Avg (Diff)	320   288 (+31)	504   582 (-78)	618   653 (-35)	562   587 (-25)	494   410 (+83)	56   41 (+14)	2554   2563 (-9)



\* 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 Rating

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S	susceptible
MR	moderate resistance
R	resistant
n/a	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 Salto®
DFender	DFender (Legacy Seeds)
F	Fungicide
F,I	Fungicide, Insecticide
F,I,NE	Fungicide, Insecticide, Nematicide
TFX1,SA	Stine MyYield, Salto
Untreated	No seed treatment

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