

Test by: Southern MN FIRST New Richland, MN

## 2024 Soybeans Top 30 Harvest Report

Minnesota South Conventional Specialty [MNSOCV] AUSTIN, MN

Jarred Ellis, Mower County, MN

<b>All-Season Test</b>	Maturity Group 1.4 - 2.3 S2024MNSOCV17
<b>Top 30 of 30</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Harness, Armezon
<b>SOIL DESCRIPTION:</b>	Donnan silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, high K, 7.0 pH, 2.5% OM, 16.2 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zone Assist, Warrant Ultra
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 15 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 7 122.6 /A

### TEST COMMENTS:

Soil conditions were excellent at planting time. This site received 3.2" rain a week after planting, but for the most part Jarred did not receive the excessive rainfall amounts that fell further west in southern MN and north Iowa. Rainfall finished 25% above normal at this site. Plants were healthy at harvest, but several Food Grade varieties showed short plant heights. 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
DF Seeds	EXP 2.1 ↗	CONV	2.1	NA	<b>65.9</b>	17.2	0	125.0	897	1
Legacy	LS121-22C GC ↗	CONV	1.2	NA	<b>64.9</b>	9.7	0	127.0	889	2
Stine	17EE32 § ↗	E3	1.7	M	<b>62.4</b>	10.3	0	122.0	636	18
Asgrow	AG14XF4 § ↗	RXF	1.4	R	<b>62.3</b>	9.8	0	127.3	635	19
Sevita	TILLSON ↗	CONV	2.4	NA	<b>62.1</b>	9.7	0	125.7	851	3
DF Seeds	EXP 1.9 ↗	CONV	1.9	NA	<b>61.4</b>	9.5	0	126.0	841	4
Legacy	LS151-24C GC ↗	CONV	1.5	NA	<b>57.8</b>	9.8	0	125.0	792	5
Sevita	CANDOR ↗	CONV	1.9	NA	<b>57.7</b>	9.7	1	125.0	790	6
Pioneer	P18A82 § ↗	CONV	1.8	R	<b>57.0</b>	10.0	0	125.3	781	7
Viking   Blue River	15B5 ↗	CONV	1.5	MR	<b>56.7</b>	9.9	0	121.0	777	8
DF Seeds	DF 205 N F ↗	CONV	2.0	M	55.6	10.7	0	123.7	762	9
Viking   Blue River	23B5 ↗	CONV	2.3	PK	54.3	9.6	0	125.3	744	10
Viking   Blue River	19B5 ↗	CONV	1.9	M	53.7	9.8	0	122.7	736	11
Sevita	HALDI ↗	CONV	1.5	NA	53.0	9.9	0	123.0	726	12
DF Seeds	DF 174 N ↗	CONV	1.7	R	51.6	10.0	0	122.3	707	13
Pioneer	P21A20 § ↗	CONV	2.1	R	50.2	9.9	0	124.0	688	14
DF Seeds	EXP 1.7 ↗	CONV	1.7	NA	50.1	8.6	0	120.7	686	15
Grain Millers	GSP 17 ↗	CONV	1.7	S	49.0	9.6	0	119.0	671	16
Viking   Blue River	IAS19C3 ↗	CONV	2.1	M	48.3	10.0	0	111.3	662	17
Golden Harvest	GH1875E3 § ↗	E3	1.8	M	46.1	10.5	0	126.7	470	26
DF Seeds	DF 193 N F ↗	CONV	1.9	M	44.1	10.1	0	119.0	604	20
Sevita	ROWAN ↗	CONV	2.0	NA	43.5	9.4	0	122.3	596	21
SB & B Foods	SB1270 ↗	CONV	1.2	S	39.1	10.0	0	127.0	536	22
DF Seeds	DF 187 N ↗	CONV	1.8	R	38.1	10.3	0	124.0	522	23
Richland IFC	MK373 ↗	CONV	2.0	S	37.9	9.3	0	124.3	519	24
Puris	PS179 GC ↗	CONV	1.7	NA	36.8	8.9	0	120.3	504	25
Pioneer	P15A20 § ↗	CONV	1.5	R	34.3	8.9	0	124.3	470	27
SB & B Foods	SB712 ↗	CONV	1.2	M	29.6	12.6	1	123.3	406	28
Sevita	ALINOVA ↗	CONV	1.5	NA	24.9	8.2	0	114.3	341	29
SB & B Foods	SB700 ↗	CONV	0.7	S	18.3	8.1	0	111.7	251	30

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	<b>48.9</b>	<b>10.0</b>	<b>0</b>	<b>122.6</b>	<b>650</b>
	LSD (0.10) =	7.0	1.4	ns		
	LSD (0.25) =	3.7	0.7	ns		
	C.V. =	13.6				Historic yield: 28.88 bu/a, 3 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

† 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

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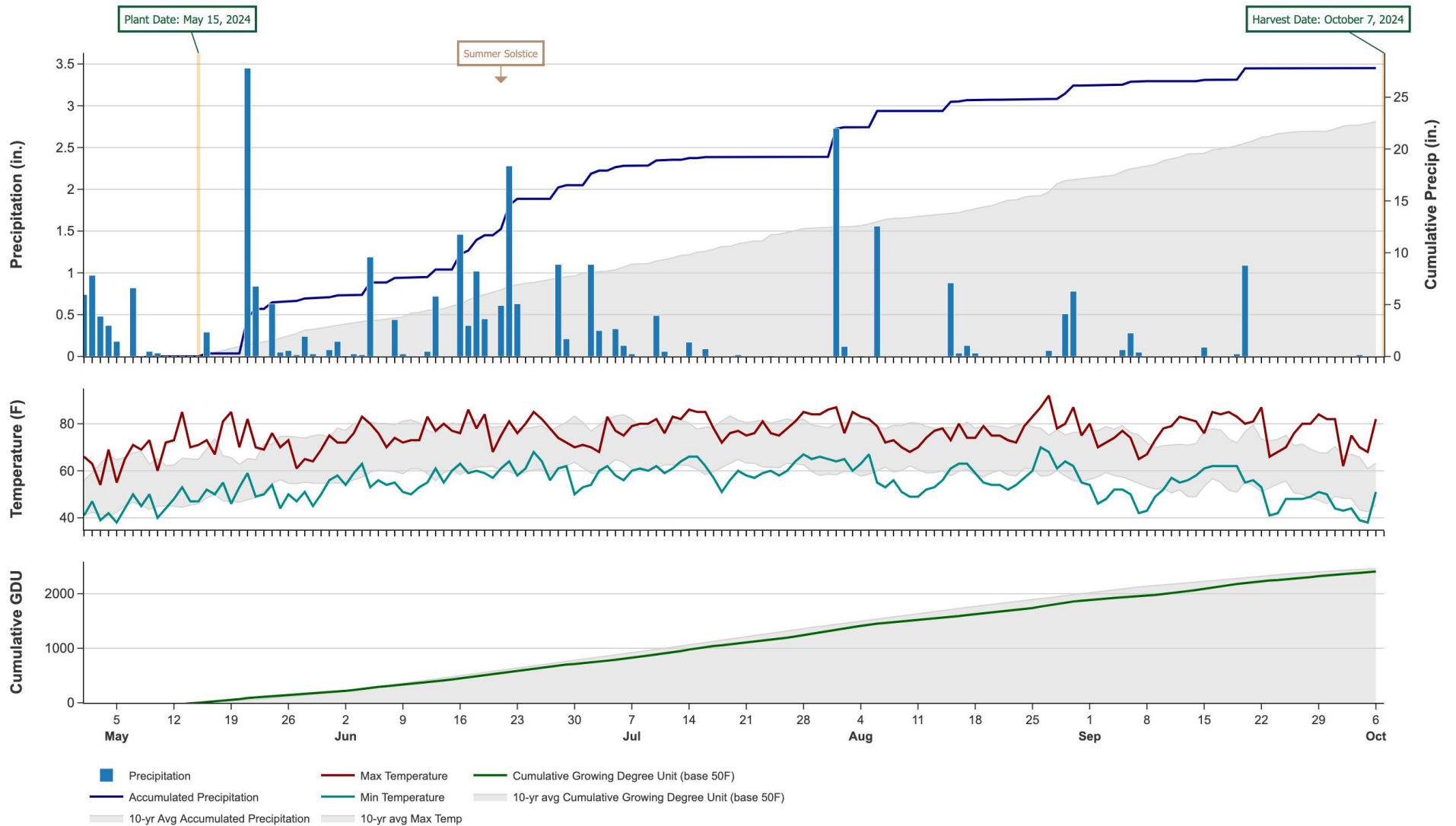
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# 2024 Soybeans - Minnesota South Conventional Specialty [ MNSOCV ]

## Weather Conditions Summary at AUSTIN, MN

Weather Data Retrieved: 10/07/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	9.4   5.1 (+4.3)	10.8   4.9 (+5.9)	2.7   4.7 (-2.0)	6.9   4.7 (+2.2)	1.6   4.6 (-2.9)	0.0   0.9 (-0.9)	31.5   24.9 (+6.6)
GDU   Avg (Diff)	320   288 (+31)	522   582 (-60)	606   649 (-43)	554   585 (-31)	466   407 (+58)	70   46 (+23)	2538   2559 (-21)



\* 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.