

Test by: Southern MN FIRST New Richland, MN

2023 Soybeans Top 30 Harvest Report


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

All-Season Test	Maturity Group 1.4 - 2.3 S2023MNSOCV12
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Capreno Fb, Accent
SOIL DESCRIPTION:	Romnell clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	high P, high K, 6.0 pH, 3.7% OM, 22.1 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Prowl, Flexstar, Section Three, Delaro, Endigo
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 2 130.0 /A 30" spacing
HARVESTED - STAND:	Oct 10 116.5 /A

TEST COMMENTS:

This site had good rainfall until mid-July, then conditions were dry. There was not a hint of weed pressure; Ed even cultivated the plot with a 4-row cultivator. Plants stood tall at harvest, and the site was visually uniform. No diseases or pests were evident here. While looking at yields of this mostly Food Grade plot, take a look at the income per variety.. Food grade varieties are shown with \$2.50 premiums. but premiums can range from \$2 to \$6 over Chicago Board of Trade price, depending on quality.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Viking	2022N ↗	CONV	2.0	MR	59.7	9.3	1	117.3	910	1
Brushvale	BS1940 § ↗	CONV	1.9	NA	58.7	9.6	0	117.0	895	2
DF Seeds	DF 174 N ↗	CONV	1.7	S	58.3	9.4	0	115.7	889	3
Viking	1718N ↗	CONV	1.7	MR	57.5	9.3	0	117.0	877	4
Viking	IAS19C3 ↗	CONV	2.1	MR	56.9	9.6	0	116.0	868	5
Asgrow	AG21XF2 § ↗	RXF	2.1	R	56.4	9.4	0	117.0	719	21
Golden Harvest	GH2292E3 § ↗	E3	2.2	MR	55.8	9.6	1	116.7	711	22
Stine	14EG32 § ↗	E3	1.4	R	55.6	9.2	1	116.7	709	24
Pioneer	P11A50 § ↗	CONV	1.1	R	55.5	8.8	0	116.7	846	6
Asgrow	AG18XF1 § ↗	RXF	1.8	R	55.4	9.3	0	114.7	706	25
Stine	19EG92 § ↗	E3	1.9	R	54.5	9.5	0	116.3	695	28
Sevita	ALINOVA ↗	CONV	1.5	R	54.5	8.4	0	116.7	831	7
Sevita	SVX20T2S24 ↗	CONV	2.4	R	54.1	9.2	0	116.0	825	8
Pioneer	P15A20 § ↗	CONV	1.5	R	54.0	9.1	0	119.5	824	9
Virtue	C3015 (2122) § ↗	CONV	2.1	NA	53.7	9.2	0	115.3	819	10
Grain Millers	GSP 1.5 EXP ↗	CONV	1.5	R	53.3	9.1	0	117.0	813	11
Asgrow	AG19XF3 § ↗	RXF	1.9	R	53.3	9.1	0	118.7	680	30
Viking	1700N ↗	CONV	1.7	NA	52.6	9.0	0	115.0	802	12
Virtue	V1821 § ↗	CONV	1.8	NA	51.8	9.2	0	118.7	790	13
MNCIA	M07-297007HOLL-1 ↗	CONV	1.9	NA	50.8	8.6	0	116.7	775	14
Viking	2155N ↗	CONV	2.1	MR	50.7	9.3	0	116.7	773	15
Brushvale	BS1512 § ↗	CONV	1.4	NA	50.2	9.7	0	116.7	766	16
Brushvale	BS1146 GC ↗	CONV	1.2	R	49.7	10.3	0	115.7	758	17
Sevita	CANDOR ↗	CONV	1.9	NA	49.6	9.7	0	115.3	756	18
DF Seeds	DF 193 F ↗	CONV	1.9	S	49.4	9.1	0	118.0	753	19
DF Seeds	DF 187 N ↗	CONV	1.8	R	48.5	9.3	0	117.0	740	20
Pioneer	P21A20 § ↗	CONV	2.1	R	46.6	9.2	0	117.3	711	23
MNCIA	M07-297007HOLL-4 ↗	CONV	1.7	NA	46.2	8.2	0	116.3	705	26
Sevita	ODESSA ↗	CONV	1.1	S	46.0	9.7	0	116.0	702	27
Grain Millers	GSP 17 ↗	CONV	1.7	S	45.5	9.0	0	115.7	694	29

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	51.9	9.3	0	116.5	757
	LSD (0.10) =	4.3	0.4	ns		
	LSD (0.25) =	2.2	0.2	ns		
	C.V. =	7.8				Historic yield: 54.69 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$12.75; non-GMO = \$15.25

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

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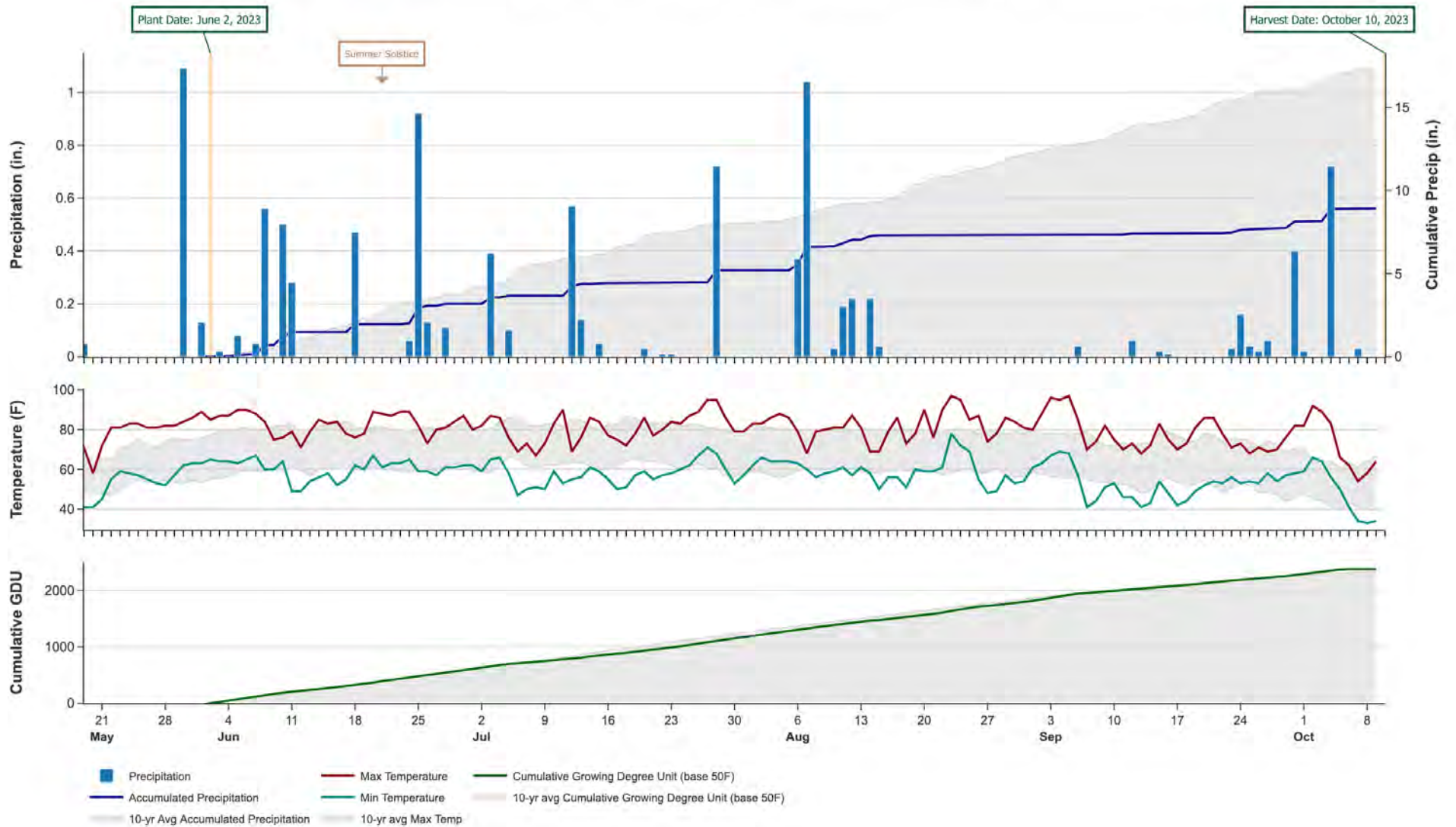
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Weather Conditions Summary at LAMBERTON, MN

Weather Data Retrieved: 10/11/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.1 2.0 (-0.8)	3.3 4.0 (-0.7)	2.0 4.3 (-2.2)	2.1 4.1 (-2.0)	0.8 3.9 (-3.1)	0.8 1.3 (-0.5)	10.2 19.6 (-9.4)
GDU Avg (Diff)	219 152 (+66)	638 600 (+37)	585 682 (-97)	625 598 (+26)	475 421 (+53)	105 64 (+40)	2647 2520 (+126)



* 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 (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Asgrow	AG21XF2 §	RXF	R	2.1	ACi,IL
Brushvale	BS1146 GC	CONV	R	1.2	NA
Brushvale	BS1512 §	CONV	NA	1.4	NA
Brushvale	BS1940 §	CONV	NA	1.9	NA
DF Seeds	DF 174 N	CONV	S	1.7	DFender
DF Seeds	DF 187 N	CONV	R	1.8	DFender
DF Seeds	DF 193 F	CONV	S	1.9	DFender
Golden Harvest	GH1802E3 §	E3	R	1.8	CMB-APX,SA
Golden Harvest	GH2292E3 §	E3	MR	2.2	CMB-APX,SA
Grain Millers	GSP 1.5 EXP	CONV	R	1.5	Untreated
Grain Millers	GSP 17	CONV	S	1.7	Untreated
MNCIA	M07-297007HOLL-1	CONV	NA	1.9	NA
MNCIA	M07-297007HOLL-4	CONV	NA	1.7	NA
MNCIA	M10-238-2036 (MN1510HO)	CONV	NA	1.5	Treated
Pioneer	P11A50 §	CONV	R	1.1	Lum, LumT, IL
Pioneer	P15A20 §	CONV	R	1.5	Untreated
Pioneer	P19A37E §	E3	NA	1.9	Lum
Pioneer	P21A20 §	CONV	R	2.1	Lum, LumT, IL
SB & B Foods	SB19	CONV	S	1.9	Untreated
Sevita	ALINOVA	CONV	R	1.5	F,I,SA
Sevita	CANDOR	CONV	NA	1.9	F,I,SA
Sevita	ODESSA	CONV	S	1.1	F,I,SA
Sevita	ROWAN	CONV	R	2.0	F,I,SA
Sevita	SVX20T2S24	CONV	R	2.4	F,I,SA
Stine	14EG32 §	E3	R	1.4	ACi
Stine	19EG92 §	E3	R	1.9	ACi
Stine	20EG02 §	E3	R	2.0	ACi
Viking	1700N	CONV	NA	1.7	Untreated
Viking	1718N	CONV	MR	1.7	Untreated
Viking	2022N	CONV	MR	2.0	Untreated
Viking	2155N	CONV	MR	2.1	Untreated
Viking	IAS19C3	CONV	MR	2.1	Untreated
Virtue	C3015 (2122) §	CONV	NA	2.1	NA
Virtue	V1821 §	CONV	NA	1.8	NA

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

CONV	Conventional
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 Saltro®
DFender	DFender (Legacy Seeds)
F,I,SA	Fungicide, Insecticide, Saltro®
Lum	LumiGEN™
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.