

Test by: Southern MN FIRST New Richland, MN

2023 Soybeans Top 30 Harvest Report

Minnesota Central Conventional Specialty [MNCECV]
GLENCOE, MN

Brian Brinkman, McCloud County, MN

All-Season Test	Maturity Group 0.8 - 1.7 S2023MNCECV15
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Dual, Laudis
SOIL DESCRIPTION:	Clarion loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.2 pH, 3.8% OM, 19.0 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Fierce Ez, Tricot, Clethodin, Phoenix, Basagran
FERTILITY - Applied N:	Preplant 5-20-60
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 25 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 20 121.9 /A

TEST COMMENTS:

Planting conditions were good, but the summer was more dry than the 10-year average (see chart on 2nd page). Velvetleaf escapes sprinkled the plot site, but otherwise the beans looked healthy at harvest. Non-GMO food grade varieties are shown with a \$2.50 premium per bushel. Premiums can range from \$2 to more than \$6 over the Chicago Board of Trade pricing depending on quality.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH1323XF § ↗	RXF	1.3	R	64.3	13.4	0	121.3	819	13
Viking Blue River	1718N ↗	CONV	1.7	MR	64.2	13.1	0	123.0	979	1
Viking Blue River	0821N ↗	CONV	0.8	MR	58.9	13.7	0	122.0	897	2
Asgrow	AG16XF3 § ↗	RXF	1.6	R	58.1	12.8	0	122.7	741	23
Viking Blue River	1223N ↗	CONV	1.2	MR	57.1	12.7	0	121.3	871	3
Grain Millers	GSP 1.5 EXP ↗	CONV	1.5	R	56.7	13.0	0	122.3	865	4
Virtue	V1821 § ↗	CONV	1.8	NA	56.6	13.3	0	122.0	863	5
Pioneer	P18A82 § ↗	CONV	18.0	R	56.0	13.8	0	121.3	853	6
Sevita	ALINOVA ↗	CONV	1.5	R	55.9	12.6	0	122.3	852	7
Stine	17EE32 § ↗	E3	1.7	R	55.8	13.5	0	122.3	711	25
Grain Millers	GSP 17 ↗	CONV	1.7	S	55.6	13.5	0	122.0	847	8
Pioneer	P11A50 § ↗	CONV	1.1	R	55.1	12.8	0	121.3	840	9
SB & B Foods	SB700 ↗	CONV	0.7	S	54.2	13.0	0	122.3	827	10
Viking Blue River	1700N ↗	CONV	1.7	NA	54.1	13.0	0	122.0	825	11
Stine	08EG62 § ↗	E3	0.8	R	54.0	13.2	0	122.7	688	28
SB & B Foods	SB19 ↗	CONV	1.9	S	53.9	13.3	1	121.7	822	12
Golden Harvest	GH0933E3 § ↗	E3	0.9	R	53.5	13.4	0	121.7	682	30
Pioneer	P15A20 § ↗	CONV	1.5	R	53.4	13.3	0	121.7	814	14
SB & B Foods	SB49 ↗	CONV	0.4	R	52.4	13.0	2	120.7	799	15
Brushvale	BS1512 § ↗	CONV	1.4	NA	52.0	13.3	0	122.3	793	16
Sevita	PROSEEDS SKYLINE ↗	CONV	1.1	R	51.9	12.8	0	122.0	791	17
Brushvale	BS1146 § ↗	CONV	1.2	R	51.8	13.1	0	122.3	790	18
Sevita	BARTON ↗	CONV	1.4	R	51.4	13.3	7	122.0	784	19
Sevita	SVX23T1S62 ↗	CONV	1.5	R	49.7	13.0	0	122.3	758	20
SB & B Foods	SB1270 ↗	CONV	1.2	S	49.3	13.4	1	121.7	751	21
MNCIA	M10-238-2036 (MN1510HO) GC ↗	CONV	1.5	NA	48.8	13.0	0	122.0	744	22
DF Seeds	DF EX23C1.02 ↗	CONV	1.0	S	48.1	13.4	0	122.0	733	24
DF Seeds	DF 123 ↗	CONV	1.2	S	46.6	13.3	0	121.7	710	26
Sevita	FINCH ↗	CONV	0.9	S	46.2	12.9	0	120.3	705	27
Sevita	ODESSA ↗	CONV	1.1	S	44.9	13.1	0	121.7	685	29

Mark Querna

Mark Querna

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

Averages = **52.8** **13.2** **0** **121.9** **767**

LSD (0.10) = 5.3 ns 2

LSD (0.25) = 2.8 ns 1

C.V. = 9.4

Historic yield: 53.84 bu/a, 13 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: 10/21/2023

† 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.

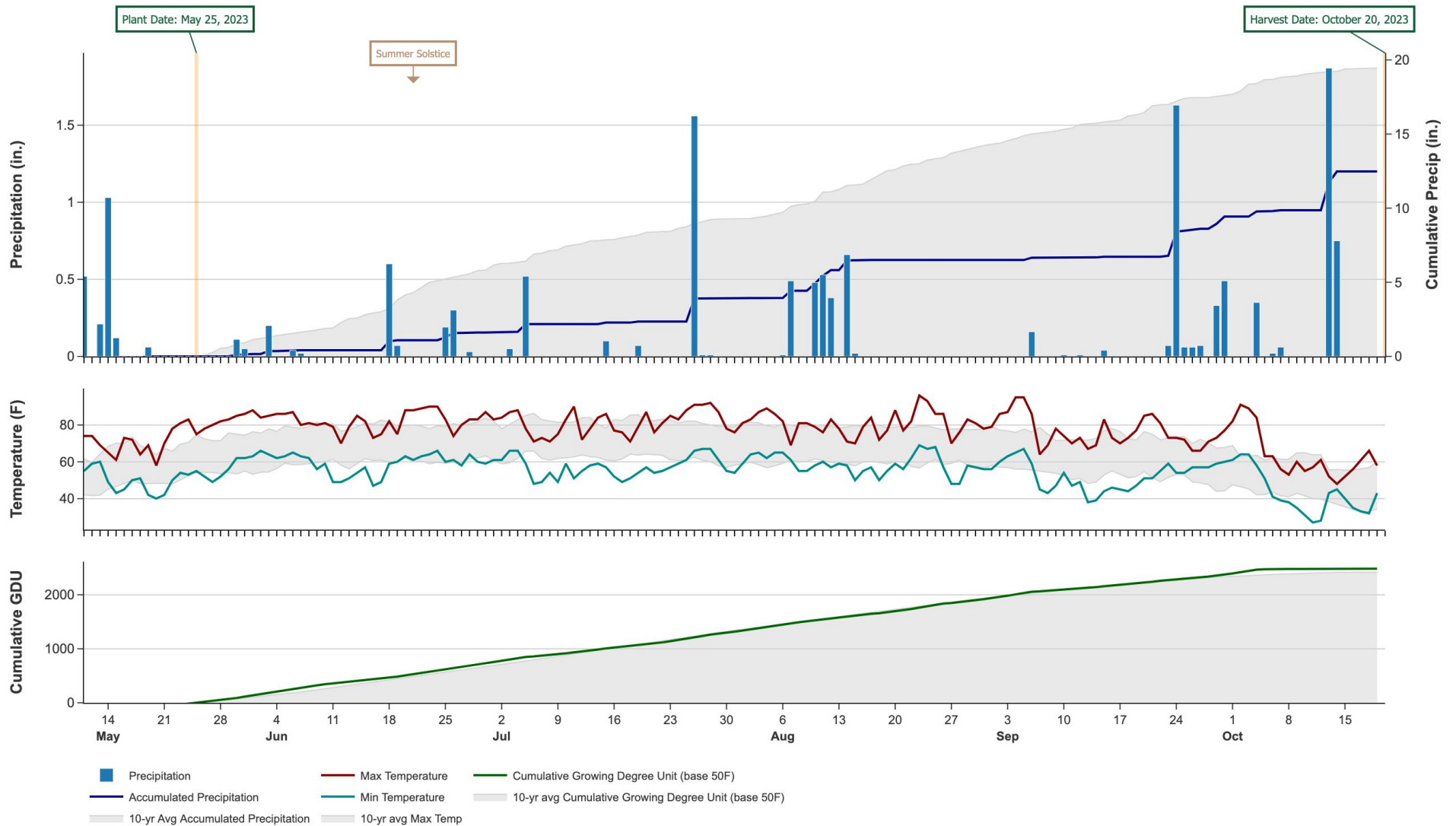
Additional reports available at www.firstseedtests.com

2023 Soybeans - Minnesota Central Conventional Specialty [MNCECV]

Weather Conditions Summary at GLENCOE, MN

Weather Data Retrieved: 10/21/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.1 3.5 (-1.4)	1.4 4.9 (-3.4)	2.3 3.5 (-1.1)	2.6 5.0 (-2.4)	2.9 3.4 (-0.4)	3.0 1.9 (+1.2)	14.4 22.1 (-7.6)
GDU Avg (Diff)	286 218 (+67)	618 581 (+36)	585 676 (-91)	600 594 (+5)	455 399 (+55)	110 80 (+29)	2654 2551 (+102)



* 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 Central Conventional Specialty [MNCECV]

All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG09XF3 §	RXF	R	0.9	ACi,IL
Asgrow	AG15XF2 §	RXF	R	1.5	ACi,IL
Asgrow	AG16XF3 §	RXF	R	1.6	ACi,IL
Brushvale	BS1146 §	CONV	R	1.2	NA
Brushvale	BS1512 §	CONV	NA	1.4	NA
DF Seeds	DF 123	CONV	S	1.2	DFender
DF Seeds	DF EX23C1.01	CONV	S	1.0	DFender
DF Seeds	DF EX23C1.02	CONV	S	1.0	DFender
Golden Harvest	GH0933E3 §	E3	R	0.9	CMB-APX,SA
Golden Harvest	GH1323XF §	RXF	R	1.3	CMB-APX,SA
Grain Millers	GSP 1.5 EXP	CONV	R	1.5	Untreated
Grain Millers	GSP 17	CONV	S	1.7	Untreated
MNCIA	M10-238-2036 (MN1510HO) GC	CONV	NA	1.5	Treated
Pioneer	P11A50 §	CONV	R	1.1	Lum, LumT, IL
Pioneer	P11T36E §	E3	NA	1.1	Lum, LumT, IL
Pioneer	P15A20 §	CONV	R	1.5	Untreated
Pioneer	P18A82 §	CONV	R	18.0	Lum, LumT, IL
SB & B Foods	SB1270	CONV	S	1.2	Untreated
SB & B Foods	SB19	CONV	S	1.9	Untreated
SB & B Foods	SB49	CONV	R	0.4	Untreated
SB & B Foods	SB700	CONV	S	0.7	Untreated
Sevita	ALINOVA	CONV	R	1.5	F,I,SA
Sevita	BARTON	CONV	R	1.4	F,I,SA
Sevita	FINCH	CONV	S	0.9	F,I,SA
Sevita	ODESSA	CONV	S	1.1	F,I,SA
Sevita	PROSEEDS SKYLINE	CONV	R	1.1	ViT,Va,Sa
Sevita	SVX23T1S62	CONV	R	1.5	F,I,SA
Stine	08EG62 §	E3	R	0.8	ACi
Stine	10EF23 §	E3	R	1.0	NA
Stine	14EG32 §	E3	R	1.4	ACi
Stine	17EE32 §	E3	R	1.7	ACi
Viking Blue River	0821N	CONV	MR	0.8	Untreated
Viking Blue River	1223N	CONV	MR	1.2	Untreated
Viking Blue River	1700N	CONV	NA	1.7	Untreated
Viking Blue River	1718N	CONV	MR	1.7	Untreated
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, LumT, IL	LumiGEN™, LumiTreo, ILEVO
Treated	Treated, unspecified
Untreated	No seed treatment
ViT,Va,Sa	Vibrance® Trio, Vayantis, Saltro

* Seed treatments may include unspecified plant health promoting components.