

Test by: Southern MN FIRST New Richland, MN

2021 Soybeans Top 30 Harvest Report

Minnesota South Conventional Specialty [MNSOCV]

LAMBERTON, MN

Ed Iverson, Redwood County, MN 56152

All-Season Test

1.4 - 2.3 Day CRM
S2021MNSOCV02

Top 12 of 12

For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB:

Corn / Force, Ironclad,
Incinerate, Aatrex, Stratego Yld,
Aquila XI

SOIL DESCRIPTION:

Romnell clay loam, mod. well
drained, non-irrigated

SOIL CONDITION:

low P, medium K, 5.9 pH, 3.6%
OM, 26.4 CEC

TILLAGE/CULTIVATION:

Conventional W/ Fall Till

PEST MANAGEMENT:

Flexstar, Select, Headline

Applied N-P-K (units):

0-0-0

SEEDED - RATE - ROW:

May 11 140.0 /A 30" spacing

HARVESTED - STAND:

Oct 9 117.0 /A

TEST COMMENTS:

This site had good soil moisture at planting, but below-average rainfall fell through late Aug. Rainfall on 8/28 was accompanied by damaging pea-sized hail and high winds. The crop adjuster estimated 85% defoliation of the bean plants here. Yields that should have been 65 bpa or more, dropped to 50 or less. Harvest samples showed 5-7 % damaged beans. On top of that, Ed noted Dicamba damage from an outside source in late June. The nearest field sprayed with Dicamba was 3/4 mile away, and downwind. The drift effects were considered equivalent for all varieties, which are all conventional beans.

Report Date: 10/11/2021

Additional reports available at www.firstseedtests.com

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Sb&B Foods	SB187 ↗	CONV	1.8	NA	46.0	12.9	3	119.5	667	1
Virtue	V1821-A ↗	CONV	1.8	NA	45.7	11.6	2	118.0	663	2
Viking	1700N ↗	CONV	1.7	NA	43.6	11.9	3	118.3	632	3
Virtue	V1621 ↗	CONV	1.6	NA	43.4	11.8	3	117.5	629	4
Viking	2188AT12N ↗	CONV	2.4	MR	43.0	12.8	4	118.8	624	5
Viking	V1821 ↗	CONV	1.8	MR	42.8	12.0	2	118.3	621	6
Viking	2100N ↗	CONV	2.1	NA	40.8	12.6	0	122.5	592	7
NK Brand	S20-G7 ↗	CONV	2.0	S	40.4	12.8	3	117.3	586	8
Sb&B Foods	SB19 ↗	CONV	1.9	NA	37.7	13.1	6	117.3	547	9
Sb&B Foods	SB1270 ↗	CONV	1.2	NA	37.5	11.8	10	101.5	544	10
Sevita	CANDOR ↗	CONV	1.9	NA	36.5	13.7	1	119.3	529	11
Proseeds	SKYLINE ↗	CONV	1.1	R	36.1	12.4	5	116.5	522	12

Mark Querna

Mark Querna

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Averages = **41.1** **12.4** **3** **117.0** **596**

LSD (0.10) = 2.8 0.3 ns

LSD (0.25) = 1.5 0.1 ns

C.V. = 7.3

Historic yield: 66.63 bu/a, 1 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$12.50; non-GMO = \$14.50

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

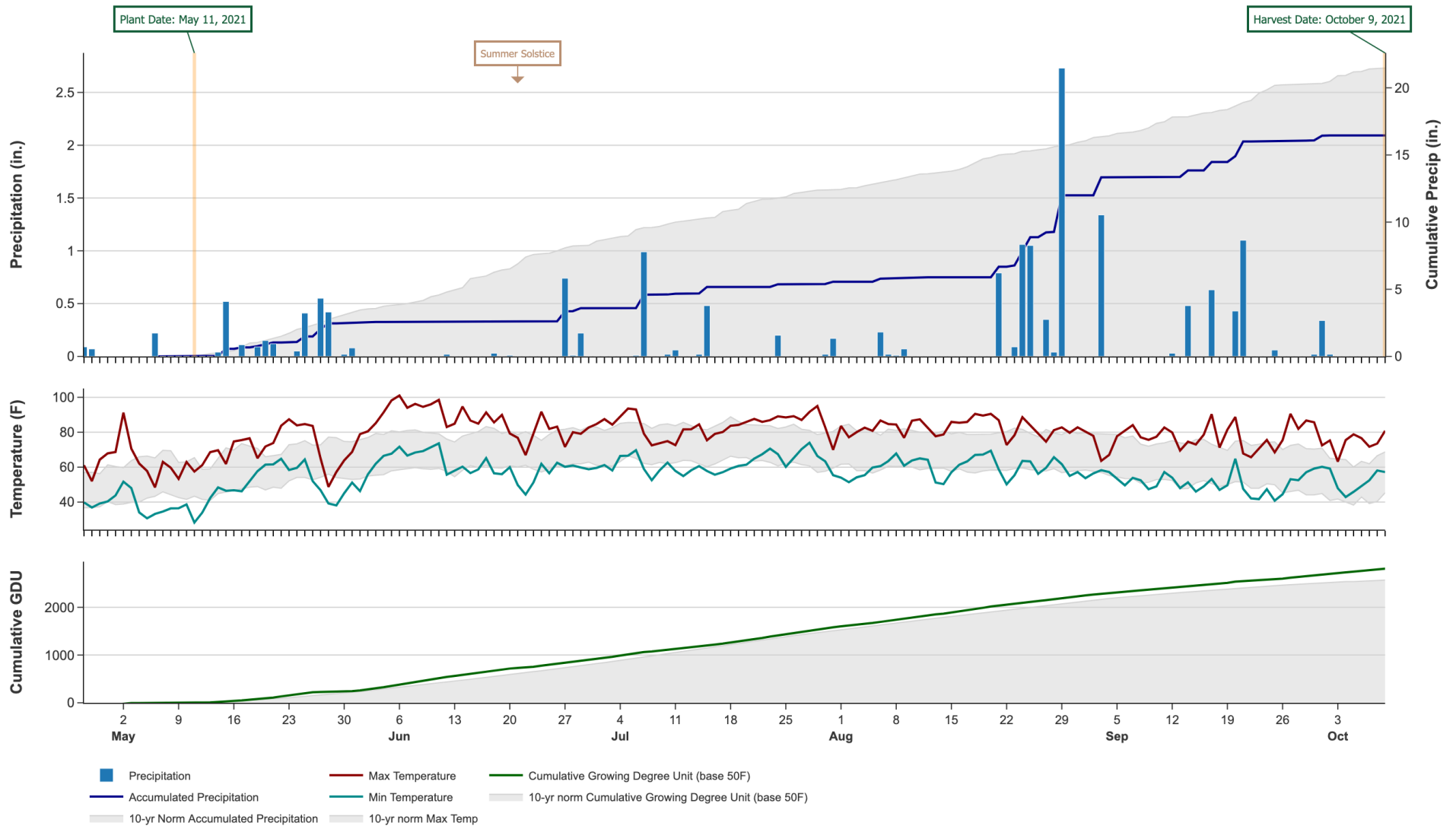
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Weather Conditions Summary at LAMBERTON, MN

Weather Data Retrieved: 10/11/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.2 0.5 (-0.3)	2.8 4.9 (-2.1)	1.0 5.0 (-3.9)	2.0 4.1 (-2.2)	6.4 3.5 (+2.9)	4.1 4.4 (-0.3)	0.4 1.2 (-0.8)	16.8 23.5 (-6.7)
GDU Normal (Diff)	22 5 (+16)	290 292 (-2)	652 577 (+74)	686 708 (-22)	652 605 (+46)	448 394 (+53)	128 62 (+65)	2878 2646 (+231)



* 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 (12 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
NK Brand	S20-G7	CONV	S	2.0	Untreated
Proseeds	SKYLINE	CONV	R	1.1	Untreated
Sb&B Foods	SB1270	CONV	NA	1.2	Untreated
Sb&B Foods	SB187	CONV	NA	1.8	Treated
Sb&B Foods	SB19	CONV	NA	1.9	Untreated
Sevita	CANDOR	CONV	NA	1.9	Untreated
Viking	1700N	CONV	NA	1.7	Untreated
Viking	2100N	CONV	NA	2.1	Untreated
Viking	2188AT12N	CONV	MR	2.4	Untreated
Viking	V1821	CONV	MR	1.8	Untreated
Virtue	V1621	CONV	NA	1.6	Treated
Virtue	V1821-A	CONV	NA	1.8	Treated

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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
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Soybeans Seed Treatments*

NA	Not Available
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.