

Test by: Southern MN FIRST New Richland, MN

## 2022 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  
S2022MNSOCV09

**Top 24 of 24** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Corn / Force, Ironclad, Cavallo,  
Aatrex, Aquila XI

**SOIL DESCRIPTION:** Pell Creek-Romnell Complex  
loam, mod. well drained, non-  
irrigated

**SOIL CONDITION:** medium P, low K, 5.7 pH, 4.0%  
OM, 26.9 CEC

**TILLAGE/CULTIVATION:** Conventional W/ Fall Till

**PEST MANAGEMENT:** Prowl With Ester, Battlestar

**Applied N-P-K (units):** 0-0-0

**SEEDED - RATE - ROW:** Jun 9 140.0 /A 30" spacing

**HARVESTED - STAND:** Oct 14 126.6 /A

### TEST COMMENTS:

Spring weather was cold and wet. This site got pounded with 3" of rain on July 5, then it turned quite dry until early fall. Plant height at harvest was shorter here than at other sites - low rainfall kept plants shorter. The field around this plot averaged in the upper 40's, while other fields averaged in the mid-50's, up to the mid-60's. One small rainfall at the right time produced 10-15 bu/ac more in some of Ed's fields. The food-grade price premium is shown as \$2.60 over the conventional price. Talk to your seed representative to determine premiums specific to protein content.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Legacy	LS231-21C ↗	CONV	2.3	R	<b>51.9</b>	11.6	0	126.3	864	1
Asgrow	AG18XF1 GC ↗	RXF	1.8	R	<b>50.7</b>	10.5	0	126.3	712	15
Viking	2022N ↗	CONV	2.0	MR	<b>49.7</b>	9.9	0	127.7	827	2
Viking	1718N ↗	CONV	1.7	MR	<b>48.3</b>	10.6	0	126.0	804	3
Pioneer	P18A73E GC ↗	E3	1.8	NA	<b>47.9</b>	10.1	0	126.3	673	19
Stine	14EE02 GC ↗	E3	1.4	R	47.3	10.1	0	126.3	664	20
Pioneer	P21A20 ↗	CONV	2.1	R	47.0	10.3	0	124.3	782	4
Brushvale Seed	BS4977 GC ↗	CONV	1.7	NA	45.7	10.9	0	124.7	760	5
Viking	1700N GC ↗	CONV	1.7	NA	45.3	9.6	0	126.0	754	6
Viking	2155N ↗	CONV	2.1	MR	45.3	10.7	0	129.0	754	7
Legacy	LS187-21C ↗	CONV	1.8	R	45.2	10.9	0	128.0	752	8
Public - Iowa State	IAS19C3 ↗	CONV	1.9	MR	45.1	11.2	0	127.7	750	9
Viking	V1821 ↗	CONV	1.8	MR	44.0	10.5	0	127.3	732	10
Legacy	LSX121-23C GC ↗	CONV	1.2	NA	43.9	10.2	0	127.0	730	11
Grain Millers	GSP 23 ↗	CONV	2.0	S	43.7	10.5	0	125.3	727	12
Pioneer	P11A50 ↗	CONV	1.1	R	43.0	11.0	0	126.7	716	13
Legend	2180HP GC ↗	CONV	2.1	MR	43.0	10.8	0	127.3	716	14
SB & B Foods	SB712 GC ↗	CONV	1.2	R	42.6	10.2	0	126.0	709	16
Brushvale Seed	BS1146 GC ↗	CONV	1.2	R	41.0	11.6	0	126.3	682	17
Pioneer	P15A20 ↗	CONV	1.5	R	40.7	10.6	0	127.0	677	18
Legacy	LS155-21C GC ↗	CONV	2.5	NA	39.7	10.8	0	126.7	661	21
Viking	1518N ↗	CONV	1.5	MR	39.3	11.0	0	125.7	654	22
Grain Millers	GSP 17 ↗	CONV	1.7	S	38.1	9.4	0	126.7	634	23
SB & B Foods	SB19 GC ↗	CONV	1.9	NA	35.4	10.7	0	127.0	589	24

*Mark Querna*

Mark Querna

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Averages = **44.3** **10.6** **126.6** **722**

LSD (0.10) = 3.6 0.3 ns

LSD (0.25) = 1.9 0.2 ns

C.V. = 7.6

Historic yield: 58.58 bu/a, 2 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$14.04; non-GMO = \$16.64

Report Date: 10/16/2022

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)

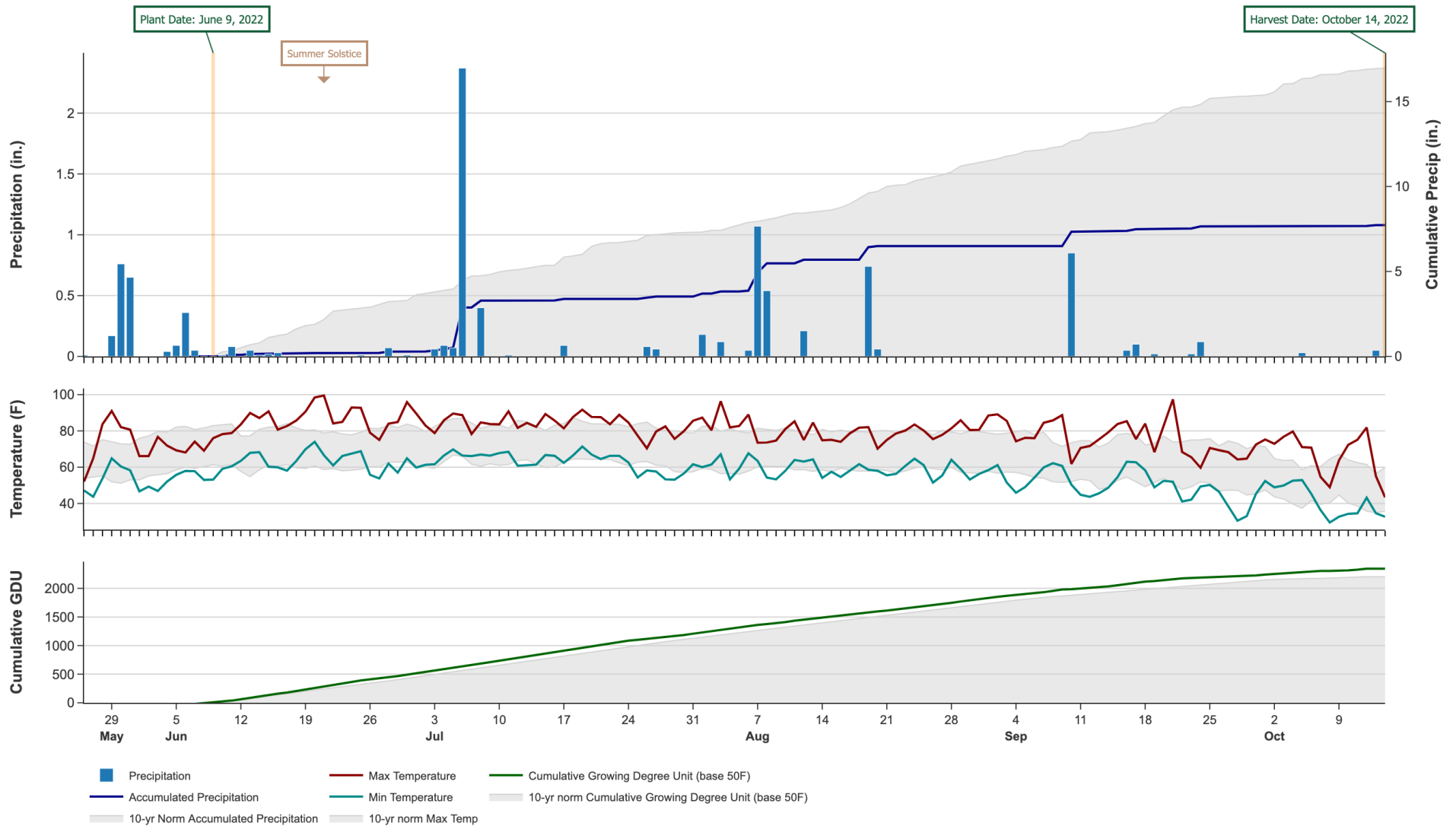
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# 2022 Soybeans - Minnesota South Conventional Specialty [ MNSOCV ]

## Weather Conditions Summary at LAMBERTON, MN

Weather Data Retrieved: 10/17/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	1.6   1.3 (+0.3)	0.8   4.1 (-3.2)	3.2   4.0 (-0.8)	3.0   4.1 (-1.1)	1.2   3.9 (-2.8)	0.1   1.6 (-1.6)	9.9   19.0 (-9.2)
GDU   Normal (Diff)	92   80 (+11)	601   599 (+1)	716   695 (+20)	598   596 (+1)	421   415 (+5)	117   66 (+50)	2545   2454 (+90)



\* 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 (24 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG18XF1 GC	RXF	R	1.8	ACi,IL
Brushvale Seed	BS1146 GC	CONV	R	1.2	NA
Brushvale Seed	BS4977 GC	CONV	NA	1.7	NA
Grain Millers	GSP 17	CONV	S	1.7	Untreated
Grain Millers	GSP 23	CONV	S	2.0	Untreated
Legacy	LS155-21C GC	CONV	NA	2.5	DFender
Legacy	LS187-21C	CONV	R	1.8	DFender
Legacy	LS231-21C	CONV	R	2.3	DFender
Legacy	LSX121-23C GC	CONV	NA	1.2	Untreated
Legend	2180HP GC	CONV	MR	2.1	NA
Pioneer	P11A50	CONV	R	1.1	Untreated
Pioneer	P15A20	CONV	R	1.5	Untreated
Pioneer	P18A73E GC	E3	NA	1.8	Untreated
Pioneer	P21A20	CONV	R	2.1	Lum,Lu,IL
Public - Iowa State	IAS19C3	CONV	MR	1.9	AC,PV
SB & B Foods	SB19 GC	CONV	NA	1.9	NA
SB & B Foods	SB712 GC	CONV	R	1.2	NA
Stine	14EE02 GC	E3	R	1.4	SFI
Viking	1518N	CONV	MR	1.5	NA
Viking	1700N GC	CONV	NA	1.7	Treated
Viking	1718N	CONV	MR	1.7	NA
Viking	2022N	CONV	MR	2.0	NA
Viking	2155N	CONV	MR	2.1	NA
Viking	V1821	CONV	MR	1.8	NA

## 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	Roundup Ready 2 XtendFlex®

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
AC,PV	Acceleron® Basic, Poncho/Votivo
DFender	DFender (Legacy Seeds)
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
SFI	Stine XP F&I
Treated	Treated, unspecified
Untreated	No seed treatment

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