

Test by: Southern MN FIRST New Richland, MN

## 2022 Soybeans Top 30 Harvest Report

Minnesota South Conventional Specialty [MNSOCV]  
NERSTRAND, MN

Wheeling Grain Partnership, Keith, Kurt and Brian Schrader,  
Rice County, MN 55053

<b>All-Season Test</b>	Maturity Group <b>1.4 - 2.3</b> S2022MNSOCV12
<b>Top 24 of 24</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Surestart II, Resicore
<b>SOIL DESCRIPTION:</b>	Port Byron silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	low P, high K, 6.4 pH, 3.2% OM, 15.9 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Flexstar, Aproach Prima
<b>Applied N-P-K (units):</b>	0-0-120
<b>SEEDED - RATE - ROW:</b>	May 28 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 17 126.7 /A

### TEST COMMENTS:

Rainfall amounts here were 1" in May; 4.7" in June; 4.7" in July, 5.7" in Aug; and 1" in Sept, totaling 17.1" during the growing season. Plant growth was impressive in spite of the lack of rain, and plants were healthy all season. Fungicide was applied at R3 growth stage. Plants stood well with large bean size. 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
Public - Iowa State	IAS19C3 ↗	CONV	1.9	MR	<b>72.3</b>	10.6	0	126.0	1203	1
Legacy	LS231-21C ↗	CONV	2.3	R	<b>69.9</b>	11.4	0	127.3	1163	2
Stine	14EE02 GC ↗	E3	1.4	R	<b>69.8</b>	9.8	0	125.3	980	12
Asgrow	AG18XF1 GC ↗	RXF	1.8	R	<b>69.3</b>	10.0	0	126.3	973	13
Viking	2022N ↗	CONV	2.0	MR	<b>68.2</b>	10.6	1	126.0	1135	3
Viking	2155N ↗	CONV	2.1	MR	<b>68.0</b>	11.7	0	127.7	1132	4
Viking	1718N ↗	CONV	1.7	MR	<b>67.9</b>	9.8	0	126.7	1130	5
Pioneer	P18A73E GC ↗	E3	1.8	NA	<b>65.3</b>	9.9	0	126.7	917	16
Legacy	LS187-21C ↗	CONV	1.8	R	62.6	10.7	0	127.3	1042	6
Legacy	LS155-21C GC ↗	CONV	2.5	NA	62.3	11.4	0	127.3	1037	7
Viking	1518N ↗	CONV	1.5	MR	62.3	10.4	0	127.7	1037	8
Pioneer	P21A20 ↗	CONV	2.1	R	61.5	10.2	0	127.0	1023	9
Grain Millers	GSP 23 ↗	CONV	2.0	S	61.1	10.9	1	127.7	1017	10
SB & B Foods	SB19 GC ↗	CONV	1.9	NA	59.6	10.3	0	126.7	992	11
Brushvale Seed	BS4977 GC ↗	CONV	1.7	NA	56.5	9.7	0	126.7	940	14
Pioneer	P11A50 ↗	CONV	1.1	R	55.7	9.9	0	126.3	927	15
Viking	V1821 ↗	CONV	1.8	MR	55.0	10.2	0	126.0	915	17
Brushvale Seed	BS1146 GC ↗	CONV	1.2	R	54.6	9.9	0	126.0	909	18
Viking	1700N GC ↗	CONV	1.7	NA	54.5	9.1	0	127.3	907	19
Pioneer	P15A20 ↗	CONV	1.5	R	54.4	10.0	0	128.3	905	20
Grain Millers	GSP 17 ↗	CONV	1.7	S	53.3	9.8	0	127.3	887	21
Legacy	LSX121-23C GC ↗	CONV	1.2	NA	52.9	9.9	0	126.7	880	22
Legend	2180HP GC ↗	CONV	2.1	MR	51.2	10.3	0	123.7	852	23
SB & B Foods	SB712 GC ↗	CONV	1.2	R	44.3	9.9	0	126.7	737	24

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Mark Querna

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Averages = **60.5** **10.3** **0** **126.7** **985**

LSD (0.10) = 3.4 0.3 ns

LSD (0.25) = 1.8 0.2 ns

C.V. = 5.2

Historic yield: 67.85 bu/a, 5 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: 10/17/2022

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)

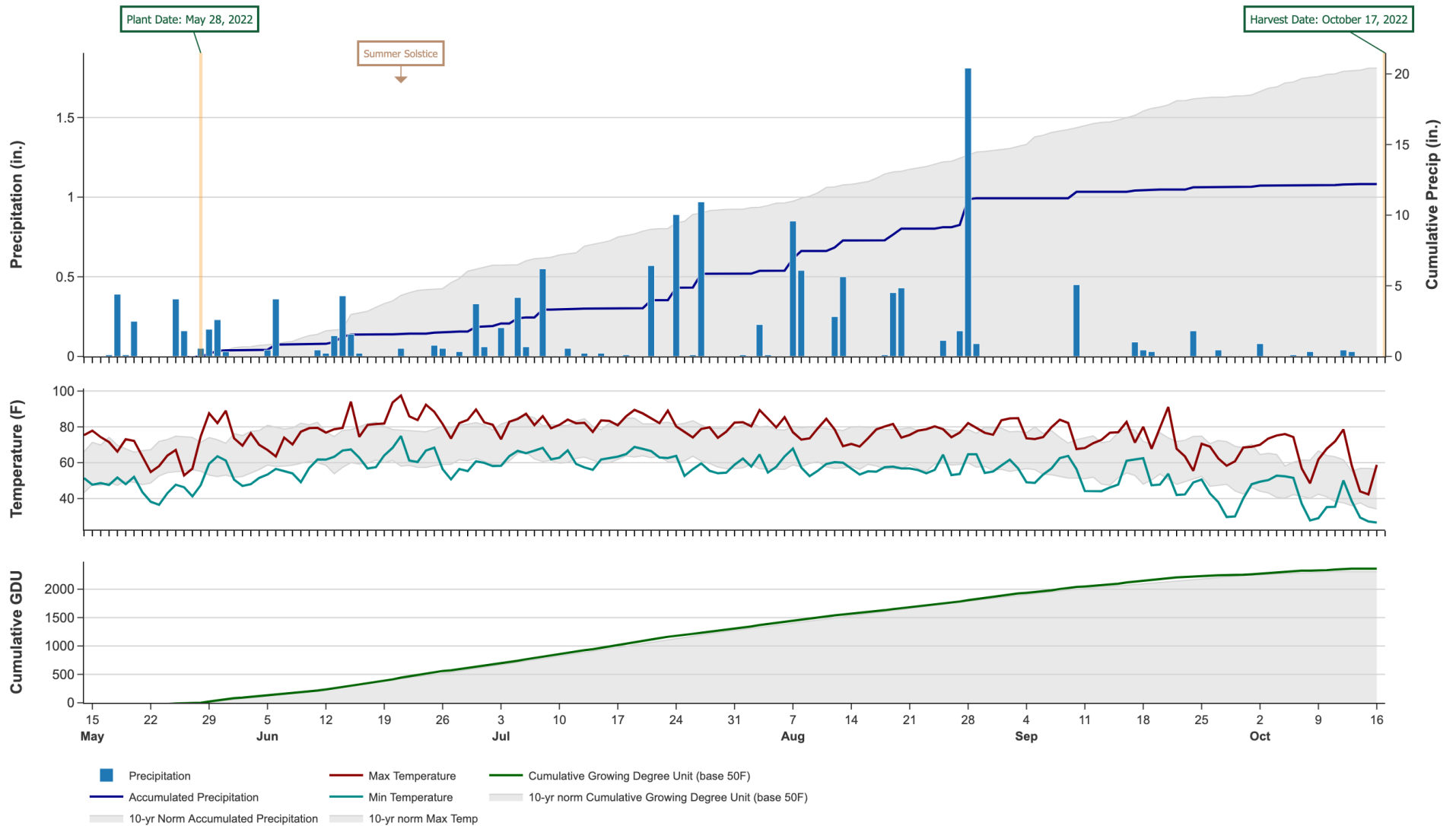
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# 2022 Soybeans - Minnesota South Conventional Specialty [ MNSOCV ]

## Weather Conditions Summary at NERSTRAND, MN

Weather Data Retrieved: 10/17/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	1.6   3.7 (-2.0)	1.7   5.8 (-4.1)	3.8   4.2 (-0.5)	5.3   4.2 (+1.2)	0.8   3.9 (-3.0)	0.2   2.0 (-1.8)	13.4   23.6 (-10.2)
GDU   Normal (Diff)	187   207 (-20)	566   564 (+1)	666   666 (0)	558   573 (-15)	394   394 (0)	107   70 (+36)	2478   2478 (0)



\* 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.