

Test by: Northland F.I.R.S.T., LLC Moorhead, MN

2022 Soybeans Top 30 Harvest Report

Red River North North Dakota & Minnesota [RRNO]

WARREN, MN

Warren Farm, Marshall County, MN

All-Season Test	Maturity Group 00.7 - 0.4 S2022RRNO04
Top 30 of 54	For Gross Income (Sorted by Yield) Average of () Replications
PREV. CROP/HERB:	Wheat / NA
SOIL DESCRIPTION:	Glyndon sandy loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	high P, medium K, 8.1 pH, 1.8% OM, 16.2 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Fierce Ez, Mad Dog, Interline, Intensity, Medal Ec
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 7 140.0 /A 30" spacing
HARVESTED - STAND:	

TEST COMMENTS:

Lost to offsite herbicide drift damage

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
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Lost to offsite herbicide drift damage

	Averages =			
	LSD (0.10) =	ns	ns	ns
Luke Brendemuhl	LSD (0.25) =	ns	ns	ns
luke.brendemuhl@firstseedtests.com, (218) 790-4497	C.V. =			Historic yield: 40.2 bu/a, 4 yr(s)
Yield & Income Factors:	Base Moisture = 15%	Shrink = 1.2	Drying = \$0.00	Prices: GMO = \$9.00

Report Date: 10/04/2022

† 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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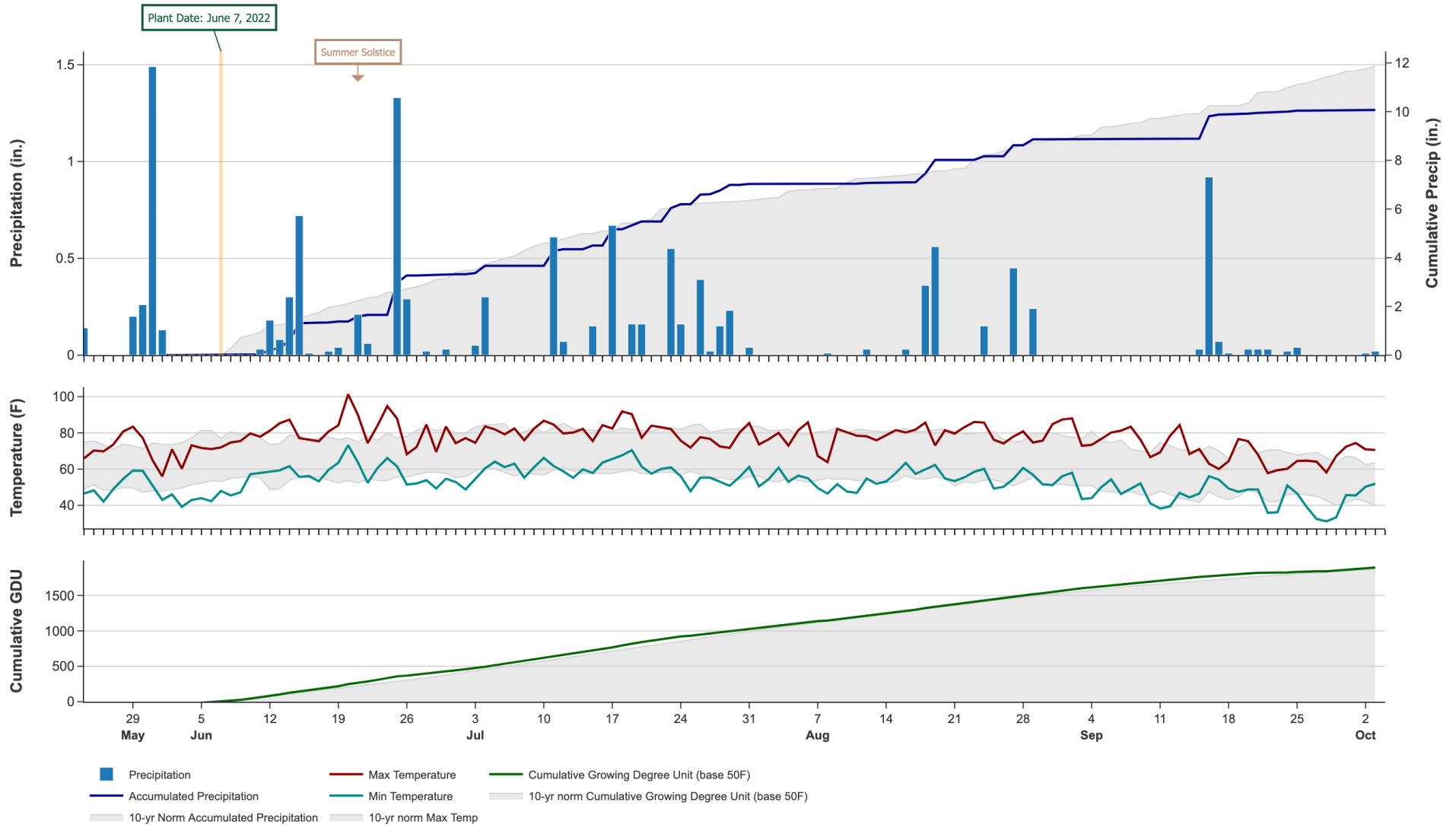
Additional reports available at www.firstseedtests.com

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Weather Conditions Summary at WARREN, MN

Weather Data Retrieved: 10/04/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	2.1 0.9 (+1.2)	3.5 4.2 (-0.7)	3.7 3.2 (+0.5)	1.8 2.5 (-0.7)	1.2 2.8 (-1.6)	0.0 0.2 (-0.2)	12.3 13.8 (-1.5)
GDU Normal (Diff)	105 94 (+10)	483 477 (+5)	601 616 (-15)	519 528 (-9)	311 325 (-14)	34 21 (+12)	2053 2064 (-11)



* 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 (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG007XF3 §	RXF	S	00.7	ACi
Asgrow	AG01XF3 §	RXF	R	0.1	ACi,IL
Asgrow	AG04XF2 §	RXF	R	0.4	ACi
Brevant	B0090EE §	E3	R	00.9	Untreated
Channel	0122RXF	RXF	S	0.1	ACi,IL
Channel	0423RXF	RXF	R	0.4	ACi,IL
Dairyland	DSR-0220E	E3	R	0.2	Lum,Lu,IL
Dairyland	DSR-0645E	E3	R	0.4	Lum,Lu,IL
Dak-Sota	DE5301	E3	S	0.1	TFI
Dak-Sota	DE5303	E3	S	0.3	TFI
Dyna-Gro	S01XF43	RXF	S	0.1	EQV,Sa,Va
Dyna-Gro	S02EN71	E3	R	0.2	EQV,Sa,Va
Golden Harvest	GH00973E3	E3	R	00.9	CMBV,SA
Golden Harvest	GH0213E3 §	E3	R	0.2	CMBV,SA
Golden Harvest	GH0272XF §	RXF	MR	0.2	CMBV,SA
Golden Harvest	GH0363E3	E3	R	0.3	CMBV,SA
Hefty	H008E1	E3	R	00.8	Untreated
Hefty	H008XF2	RXF	NA	00.8	Untreated
Hefty	H009XF2	RXF	NA	00.9	Untreated
Hefty	H009XF3	RXF	R	00.9	Untreated
Hefty	H01XF3	RXF	R	0.1	DST4
Hefty	H03XF3	RXF	R	0.3	DST4
Latham	L 00725 XF	RXF	S	00.7	SS+,SA
Latham	L 00839 E3	E3	R	00.8	SS+,SA
Latham	L 0136 E3	E3	S	0.1	SS+,SA
Latham	L 0254 XF	RXF	S	0.2	SS+,SA
Latham	L 0293 E3	E3	R	0.2	SS+,SA
Latham	L 0425 E3	E3	S	0.4	SS+,SA
NK Brand	NK009-G7E3	E3	R	00.9	CMBV,SA
NK Brand	NK02-T4E3	E3	R	0.2	CMBV,SA
NK Brand	NK03-V5E3 §	E3	R	0.3	CMBV,SA
NK Brand	NK04-G8E3	E3	R	0.4	CMBV,SA
Pioneer	P005A59E §	E3	NA	00.5	Lum,Lu,IL
Pioneer	P009T18E GC	E3	NA	00.9	Lum,Lu,IL
Pioneer	P04A98E §	E3	NA	0.4	Lum,Lu,IL
Proseed	EL30-03N	E3	R	0.1	CMBV
Proseed	EL30-13	E3	S	0.1	CMBV
Proseed	EL30-33	E3	S	0.3	CMBV
Proseed	XF30-082	RXF	S	00.8	CMBV
Proseed	XF30-12	RXF	S	0.1	CMBV
Proseed	XF30-42N	RXF	R	0.4	CMBV
REA	R0112XF	RXF	S	0.1	ACi

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
REA	R0422XF	RXF	R	0.4	ACi,IL
Stine	01EA63 §	E3	S	0.1	SFI
Stine	03EB02 §	E3	R	0.3	SFI
Stine	04EE06 §	E3	R	0.4	SFI
Thunder	TE7101N	E3	R	0.1	TFI
Thunder	TE7302N	E3	R	0.2	TFI
Thunder	TE7304N	E3	R	0.4	TFI
Thunder	TX8203	RXF	S	0.3	TFI
Thunder	TX8301	RXF	S	0.1	TFI
Thunder	TX8304N	RXF	R	0.4	TFI
Xitavo	XO 0101E	E3	MR	0.1	PV,IL,OB,Rey
Xitavo	XO 0213E	E3	S	0.2	PV,IL,OB,Rey

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

E3	Enlist™ E3
RXF	Roundup Ready 2 XtendFlex®

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
DST4	Dominance 4 ST
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Saltro®
TFI	ThunderStruck F&I (Thunder Seed Inc.)
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.