

Test by: Southern MN FIRST New Richland, MN

2024 Soybeans Top 30 Harvest Report

Red River South North Dakota & Minnesota [RRSO]
WENDELL, MN
Chad Biss, Grant County, MN 56531

All-Season Test	Maturity Group 0.5 - 1.4 S2024RRSO20
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Roundup, Status
SOIL DESCRIPTION:	Aazdahl-Formdale-Balaton clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, medium K, 8.0 pH, 4.2% OM, 28.7 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Liberty, Roundup, Raptor
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 11 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 25 122.6 /A

TEST COMMENTS:

Excessive rains here delayed planting. Chad reminded me that he was rained out of the fields for a month before he got back in to plant beans in June. Bean yields were disappointing here, but Chad believes that he could have had better if planting had not been so delayed. Plants were short, and stood well at harvest, with no weed pressure present. It rained less than a quarter inch here the day before harvest, so bean moistures increased from the 8 - 9% they were for most of this fall.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Thunder	TX8412N ↗	RXF	1.2	M	43.9	15.2	0	121.7	446	1
Fortus	1385E ↗	E3	1.3	M	42.5	15.3	0	122.7	432	2
Asgrow	AG14XF4 § ↗	RXF	1.4	R	42.4	15.4	0	123.7	430	3
Asgrow	AG10XF4 § ↗	RXF	1.0	R	42.4	15.6	0	121.0	430	4
Xitavo	XO 1404E ↗	E3	1.4	M	41.8	15.4	0	124.7	424	5
NK Brand	NK11-A4E3 § ↗	E3	1.1	M	41.5	16.0	0	121.7	421	6
Golden Harvest	GH1194E3 ↗	E3	1.1	M	41.5	15.6	0	122.3	421	7
Xitavo	XO 1225E ↗	E3	1.2	M	41.2	15.8	0	121.3	418	8
Xitavo	XO 1095E ↗	E3	1.0	M	40.9	15.5	0	122.7	415	9
Genesis	G0750E ↗	E3	0.7	M	40.8	15.5	0	124.3	414	10
Dairyland	DSR-1476E ↗	E3	1.4	M	40.8	15.4	0	123.0	414	11
Thunder	TX8313N ↗	RXF	1.3	M	40.6	15.5	0	124.3	412	12
Fortus	0831E ↗	E3	0.8	M	40.1	15.5	0	120.7	407	13
Thunder	TX8309N ↗	RXF	0.9	M	39.9	16.1	0	121.7	405	14
Thunder	TE7510N ↗	E3	1.0	M	39.7	15.6	0	125.3	403	15
Genesis	G1260E ↗	E3	1.2	M	39.6	15.5	0	122.0	402	16
Stine	10EG20 § ↗	E3	1.0	M	39.5	15.6	0	122.0	401	17
Stine	13EG23 § ↗	E3	1.3	M	39.5	16.1	0	125.3	400	18
Asgrow	AG12XF4 § ↗	RXF	1.2	S	38.7	15.4	0	123.3	393	19
Thunder	TE7513N ↗	E3	1.3	PK	38.6	14.6	0	123.7	392	20
Genesis	G1290E ↗	E3	1.2	M	38.3	15.4	0	120.7	389	21
Dairyland	DSR-1345E ↗	E3	1.3	M	38.0	14.7	0	123.7	386	22
Golden Harvest	GH0675E3 ↗	E3	0.6	M	37.4	16.3	0	125.0	379	23
NK Brand	NK08-R3XF ↗	RXF	0.8	M	37.0	15.9	0	122.7	375	24
Xitavo	XO 1372E ↗	E3,ST	1.3	R	36.5	15.1	0	121.3	371	25
Anderson	A154E3 GC ↗	E3	1.5	PK	36.5	15.8	0	119.0	370	26
Genesis	G0880E ↗	E3	0.8	M	36.1	16.2	0	124.7	366	27
Thunder	TX8307N ↗	RXF	0.7	M	35.6	15.2	0	124.3	362	28
Fortus	1175E ↗	E3	1.1	PK	35.6	15.9	0	122.7	361	29
Pioneer	P08A44E § ↗	E3	0.8	NA	35.5	15.8	0	119.7	360	30

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Mark Querna

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Averages = **36.6** **15.6** **122.6** **372**

LSD (0.10) = 5.1 0.5 ns

LSD (0.25) = 2.7 0.2 ns

C.V. = 13.2

Historic yield: 44.67 bu/a, 7 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$10.20

Report Date: 10/25/2024

† 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 exceeded 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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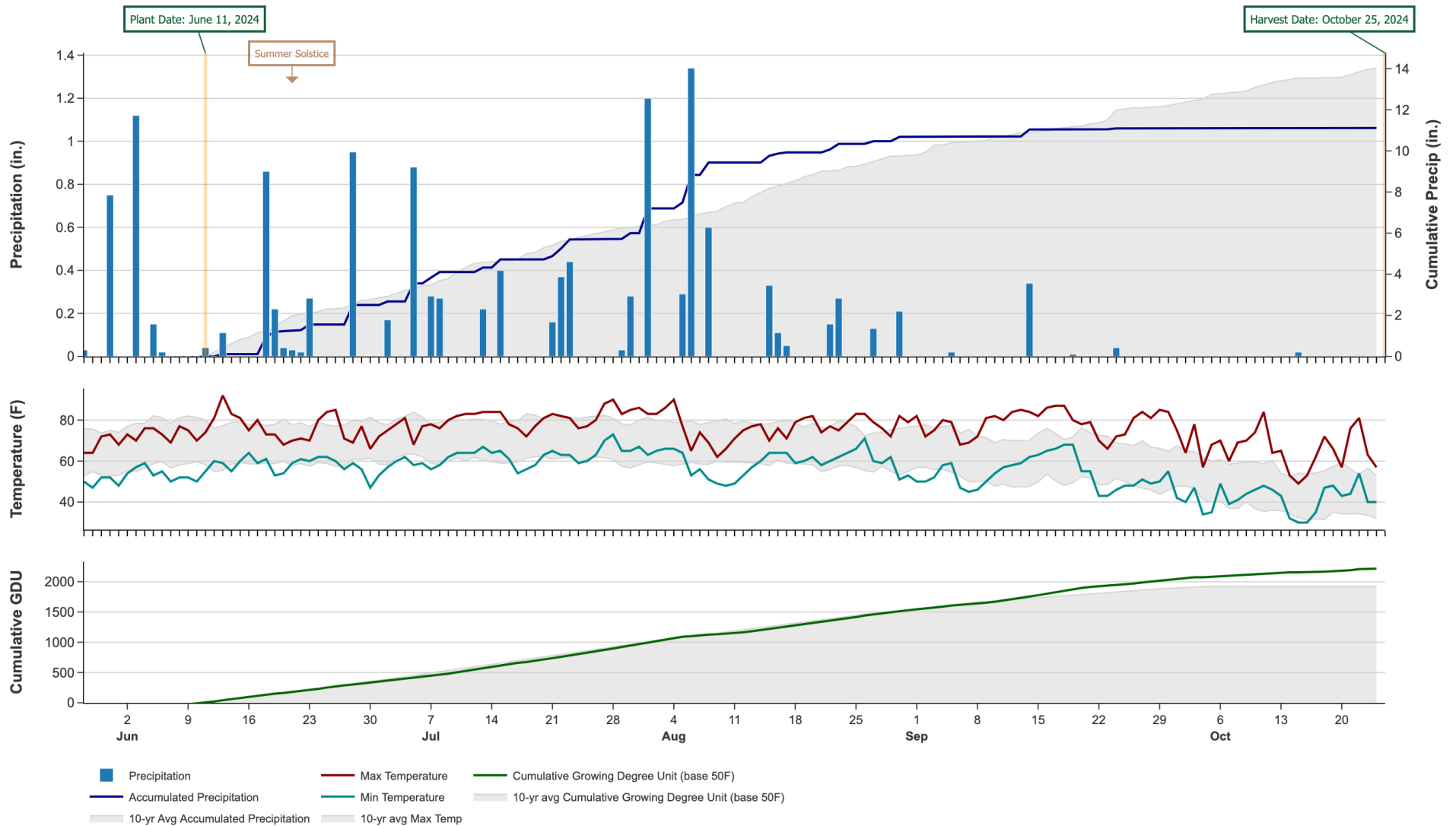
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Weather Conditions Summary at WENDELL, MN

Weather Data Retrieved: 10/25/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.8 0.7 (+0.1)	3.8 3.9 (-0.0)	3.5 3.6 (-0.1)	4.7 3.5 (+1.2)	0.4 2.4 (-2.0)	0.0 1.8 (-1.8)	13.2 15.8 (-2.6)
GDU Avg (Diff)	38 56 (-18)	470 552 (-82)	646 632 (+13)	556 554 (+1)	510 351 (+158)	175 35 (+140)	2395 2183 (+211)



* 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.
Anderson	A154E3 GC	E3	PK	1.5	Untreated
Asgrow	AG10XF4 §	RXF	R	1.0	ACi,IL
Asgrow	AG12XF4 §	RXF	S	1.2	ACi,IL
Asgrow	AG14XF4 §	RXF	R	1.4	ACi,IL
Dairyland	DSR-1150E	E3	PK	1.1	Lum,Lu,IL
Dairyland	DSR-1345E	E3	M	1.3	Lum,Lu,IL
Dairyland	DSR-1476E	E3	M	1.4	Lum,Lu,IL
Dak-Sota	DE5309	E3	PK	0.9	F
Dak-Sota	DE5405	E3	M	0.5	F
Dak-Sota	DE5412	E3	PK	1.2	F
Dak-Sota	DE5507	E3	PK	0.7	F
Dak-Sota	DE5510	E3	PK	1.0	F
Dak-Sota	DE5514	E3	PK	1.4	F
Fortus	0544E	E3	M	0.5	AC, SU
Fortus	0831E	E3	M	0.8	AC, SU
Fortus	1175E	E3	PK	1.1	AC, SU
Fortus	1385E	E3	M	1.3	AC, SU
Genesis	G0750E	E3	M	0.7	EcTC
Genesis	G0880E	E3	M	0.8	EcTC
Genesis	G1260E	E3	M	1.2	EcTC
Genesis	G1290E	E3	M	1.2	EcTC
Golden Harvest	GH0675E3	E3	M	0.6	CMB-APX,SA
Golden Harvest	GH0815E3 §	E3	M	0.8	CMB-APX,SA
Golden Harvest	GH1194E3	E3	M	1.1	CMB-APX,SA
Golden Harvest	GH1495E3	E3	PK	1.4	CMB-APX,SA
NK Brand	NK06-A1E3	E3	M	0.6	CMB-APX,SA
NK Brand	NK06-C4XF	RXF	M	0.6	CMB-APX,SA
NK Brand	NK07-G5E3	E3	PK	0.7	CMB-APX,SA
NK Brand	NK08-R3XF	RXF	M	0.8	CMB-APX,SA
NK Brand	NK08-Z4E3	E3	M	0.8	CMB-APX,SA
NK Brand	NK09-H7E3	E3	M	0.9	CMB-APX,SA
NK Brand	NK11-A4E3 §	E3	M	1.1	CMB-APX,SA
NK Brand	NK11-U2XF §	RXF	M	1.1	CMB-APX,SA
Pioneer	P06A85E §	E3	MR	0.6	Untreated
Pioneer	P08A44E §	E3	NA	0.8	Untreated
Pioneer	P14A12E §	E3	NA	1.4	Untreated
Stine	08EG62 §	E3	M	0.8	TFX1,SA
Stine	10EG20 §	E3	M	1.0	TFX1,SA
Stine	13EG23 §	E3	M	1.3	TFX1,SA
Thunder	TE7407N	E3	M	0.7	F
Thunder	TE7509N	E3	M	0.9	F
Thunder	TE7510N	E3	M	1.0	F

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Thunder	TE7513N	E3	PK	1.3	F
Thunder	TX8307N	RXF	M	0.7	F
Thunder	TX8309N	RXF	M	0.9	F
Thunder	TX8313N	RXF	M	1.3	F
Thunder	TX8412N	RXF	M	1.2	F
Xitavo	XO 0554E	E3	M	0.5	PV,IL,OB,Rey
Xitavo	XO 0602E	E3	M	0.6	PV,IL,OB,Rey
Xitavo	XO 0993E	E3	PK	0.9	PV,IL,OB,Rey
Xitavo	XO 1095E	E3	M	1.0	PV,IL,OB,Rey
Xitavo	XO 1225E	E3	M	1.2	PV,IL,OB,Rey
Xitavo	XO 1372E	E3,ST	R	1.3	PV,IL,OB,Rey
Xitavo	XO 1404E	E3	M	1.4	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 Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
AC, SU	Acceleron standard+ StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
F	Fungicide
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.