

Test by: NewVenture, LLC Ellendale, MN

2024 Soybeans Top 30 Harvest Report

Minnesota Central [MNCE] BUFFALO, MN

Bill Daluge, Wright County, MN

All-Season Test Maturity Group 1.3 - 2.0
S2024MNCE04

Top 30 of 45 For Gross Income
(Sorted by Yield)
Average of (2) Replications

PREV. CROP/HERB: Corn / Resicore, Roundup

SOIL DESCRIPTION: Angus-Le Sueur Complex loam,
well drained, non-irrigated

SOIL CONDITION: very high P, very high K, 6.0 pH,
3.1% OM, 17.3 CEC

TILLAGE/CULTIVATION: Conventional W/ Fall Till

PEST MANAGEMENT: Liberty

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

SEEDED - RATE - ROW: Jun 12 140.0 /A 30" spacing

HARVESTED - STAND: Oct 14 113.4 /A

TEST COMMENTS:

The planting conditions were not ideal but we decided to plant on the late date and more rain coming. Right as we were done planting there was a monsoon-type rainfall. The plot had a tough time getting going. Just too much early rain led to the poor stand and made it very difficult for Bill to get herbicides applied. There was lots of evidence of pooling water throughout the plot. Big thank you to Bill for hosting again. Data was rejected due to yield variation in areas of the plot affected by saturated soils and ponding.

Company/Brand	Product/Brand	Treated ?	RR	ECN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dark-Side	DE52115 +	ES	1.5	W	41.3	12.1	1	124.0	507	1
Agro	AE11000 +	ES	1.5	W	37.2	12.2	4	123.5	507	2
Thunder	T1801136 +	WSP	1.7	W	35.5	11.3	0	125.5	541	3
Danylead	D20A-1004E +	ES	1.6	W	52.7	13.2	1	119.0	514	4
Rank	RD1004WSP GC +	WSP	1.9	W	51.7	11.7	4	125.0	523	5
Alamo	RD 1002E +	ES	1.6	W	47.7	13.1	3	116.0	495	6
Dark-Side	DE50114 +	ES	1.4	W	41.7	11.9	1	124.0	498	7
Alamo	RD 1004E +	ES	1.6	W	41.5	11.9	3	123.0	492	8
Danylead	D20A-2000E +	ES	1.5	W	50.5	11.8	1	123.0	492	9
Gemesis	G11000E +	ES	1.5	W	50.1	11.9	1	117.0	489	10
Agro	AE11000 +	ES	1.5	W	47.5	12.0	3	126.0	488	11
Golden Harvest	GH10140E3 g +	ES	1.6	W	46.3	12.0	2	122.0	471	12
Agro	AE11000 +	ES	1.5	W	46.3	11.9	3	125.0	469	13
Gemesis	G11000E +	ES	1.5	W	46.0	12.1	1	119.0	448	14
Golden Harvest	GH1000WSP +	WSP	1.5	W	45.5	11.3	1	123.0	444	15
Danylead	D20A-1000E +	ES	1.5	W	45.3	11.8	2	124.5	442	16
Gemesis	G11000E +	ES	1.5	W	45.1	12.4	2	121.0	439	17
Alamo	RD 1004E +	ES	1.5	W	44.8	12.0	1	119.5	435	18
Thunder	T1801136 +	WSP	1.5	W	43.9	11.4	0	117.5	427	19
Stiva	T1801136 +	WSP	1.7	W	43.8	11.4	4	119.0	427	20
Jacobson	J1801136 +	ES	1.4	W	43.1	11.5	5	112.5	420	21
Thunder	T1801136 +	WSP	1.5	W	42.9	12.1	1	124.5	419	22
Thunder	T1801136 +	WSP	1.5	W	41.7	11.8	1	126.5	406	23
Alamo	RD 1010E +	ES,ST	1.3	W	41.4	11.5	3	117.0	404	24
Stiva	T1801136 +	WSP	1.5	W	41.1	12.3	7	104.0	401	25
Gemesis	G2000E +	ES	2.0	W	40.5	11.9	1	119.5	395	26
Thunder	T1801136 +	WSP	1.5	W	39.5	10.9	0	120.0	385	27
Jacobson	J1801136 +	ES	1.6	W	38.2	11.9	4	119.0	372	28
Agro	AE1000F3 g +	WSP	1.9	W	37.4	11.8	0	105.0	365	29
Golden Harvest	GH10170E3 g +	ES	1.9	W	37.4	11.9	3	117.0	365	30

Averages = **42.1** **12.0** **2** **113.4** **404**

LSD (0.10) = ns 0.8 ns

LSD (0.25) = ns 0.4 ns

C.V. = 22.8

Historic yield: 59.89 bu/a, 4 yr(s)

Ed Dahle

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.2

Drying = \$0.02

Prices: GMO = \$9.75

Report Date: 10/14/2024

Additional reports available at www.firstseedtests.com

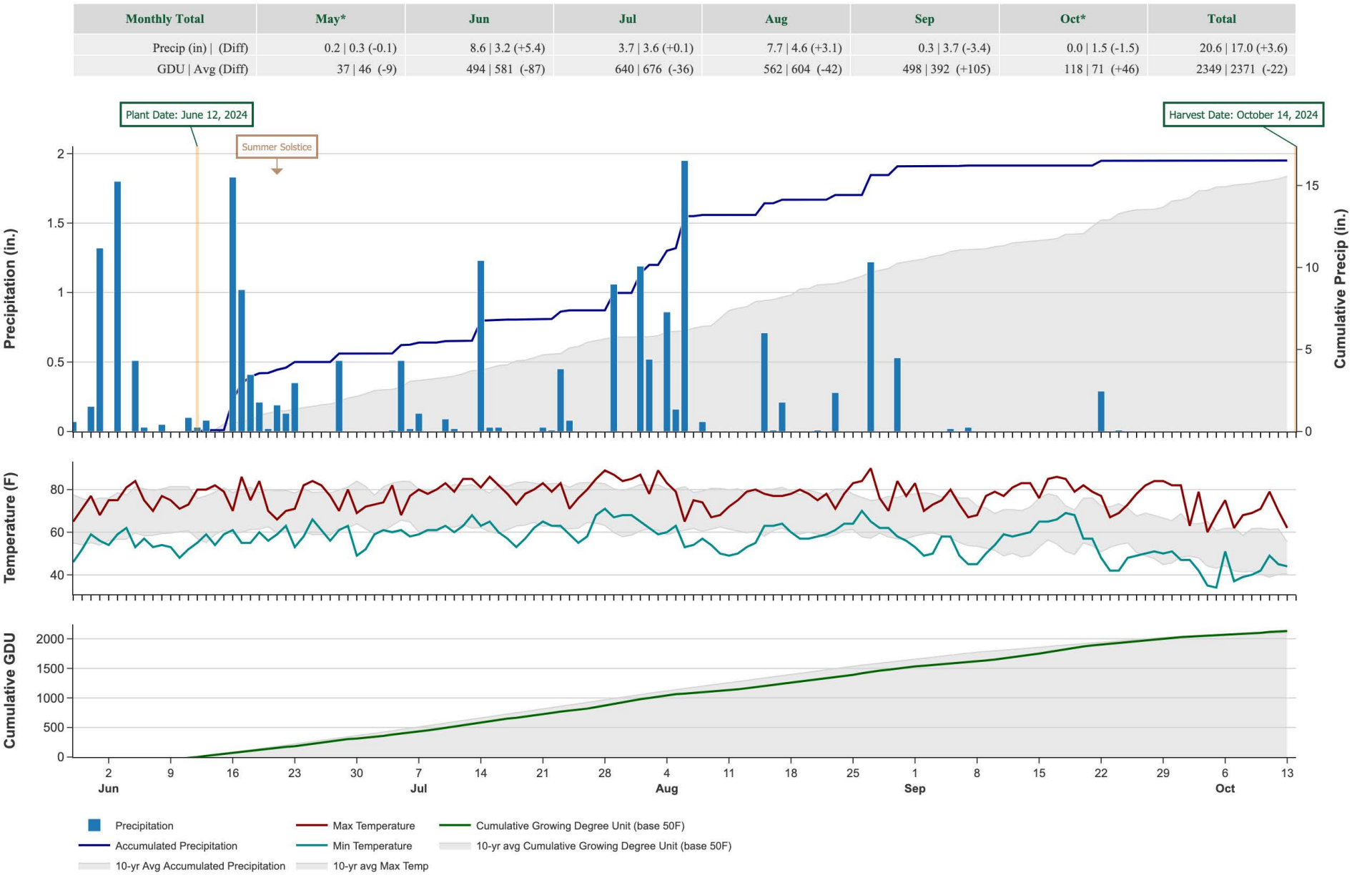
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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Weather Conditions Summary at BUFFALO, MN

Weather Data Retrieved: 10/14/2024



* 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 (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1350	E3	M	1.3	F,I
Apex	AE1520	E3	M	1.5	F,I
Apex	AE1550	E3	PK	1.5	NA
Apex	AE2050	E3	PK	2.0	F,I
Asgrow	AG14XF4 §	RXF	R	1.4	ACi,IL
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Dairyland	DSR-1476E	E3	M	1.4	Lum,Lu,IL
Dairyland	DSR-1654E	E3	M	1.6	Lum,Lu,IL
Dairyland	DSR-1989E	E3	PK	1.9	Lum,Lu,IL
Dairyland	DSR-2055E	E3	M	2.0	Lum,Lu,IL
Dak-Sota	DE5117	E3	M	1.7	F
Dak-Sota	DE5215	E3	M	1.5	F
Dak-Sota	DE5514	E3	PK	1.4	F
Dak-Sota	DE5519	E3	PK	1.9	F
Genesis	G1560E	E3	R	1.5	EcTC
Genesis	G1590E	E3	PK	1.5	CMBV,SA
Genesis	G1760E	E3	R	1.7	EcTC
Genesis	G2090E	E3	PK	2.0	EcTC,SA
Golden Harvest	GH1495E3 §	E3	PK	1.4	CMB-APX,SA
Golden Harvest	GH1555XF	RXF	M	1.5	CMB-APX,SA
Golden Harvest	GH1614E3 §	E3	PK	1.6	CMB-APX,SA
Golden Harvest	GH1875E3 §	E3	M	1.8	CMB-APX,SA
Jacobsen	J1464E3	E3	PK	1.4	F,I
Jacobsen	J1873E3	E3	PK	1.8	F,I
Jacobsen	J1942E3	E3	PK	1.9	F,I
Loyal	L1860E GC	E3	PK	1.8	F,I,B,NE,NU
Pioneer	P14A12E §	E3	NA	1.4	Untreated
Pioneer	P19A37E §	E3	NA	1.9	Untreated
Pioneer	P20A48E §	E3	M	2.0	Untreated
Renk	RS194NXF GC	RXF	M	1.9	EcTC, NF, SA
Stine	13EG23 §	E3	M	1.3	TFX1,SA
Stine	17EE32 §	E3	M	1.7	TFX1,SA
Stine	20EG02 §	E3	M	2.0	TFX1,SA
Thunder	TE7415N	E3	PK	1.5	F
Thunder	TE7513N	E3	PK	1.3	F
Thunder	TX8215N	RXF	M	1.5	F
Thunder	TX8313N	RXF	M	1.3	F
Thunder	TX8417N	RXF	M	1.7	F
Xitavo	XO 1372E	E3,ST	R	1.3	PV,IL,OB,Rey
Xitavo	XO 1404E	E3	M	1.4	PV,IL,OB,Rey
Xitavo	XO 1545E	E3	PK	1.5	PV,IL,OB,Rey

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 1632E	E3	M	1.6	PV,IL,OB,Rey
Xitavo	XO 1822E	E3	M	1.8	PV,IL,OB,Rey
Xitavo	XO 2075E	E3	PK	2.0	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
CMB-APX,SA	CruiserMaxx® APX with Saltro®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
EcTC, NF, SA	Eclipse US Total Coverage, N-Force, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F	Fungicide
F,I	Fungicide, Insecticide
F,I,B,NE,NU	Fungicide, Insecticide, Biological, Nematicide, Nutrition
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.