

Test by: Agri Seed Research, LLC Louisburg, KS

2024 Soybeans Top 30 Harvest Report

Kansas East Central [KSEC] LA CYGNE, KS
Brad Stainbrook, Linn County, KS 66040

All-Season Test Maturity Group **3.7 - 4.7**
S2024KSEC01

Top 25 of 25 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Corn / Glyphosate, Fulltime Nxt

SOIL DESCRIPTION: Bucyrus silty clay loam, mod.
well drained, non-irrigated

SOIL CONDITION: high P, medium K, 5.7 pH, 3.9%
OM, 22.3 CEC

TILLAGE/CULTIVATION: Conventional W/O Fall Till

PEST MANAGEMENT: Glyphosate, Authority Mtz,
Phoenix, Liberty

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

SEEDED - RATE - ROW: May 30 145.0 /A 30" spacing

HARVESTED - STAND: Oct 27 136.3 /A

TEST COMMENTS:

This site was planted into a clean seed bed and had a nice uniform stand at V2. June brought plenty of rain, almost twice as much as normal. July, August and September were hot and dry, but the rains that did fall were very timely. At harvest, plants were standing well with a few of the longer-maturity soybeans having green stems. Great weed control. The results were rejected because there were no statistically significant differences among varieties' yields.

Company/Brand	Product/Brand	Yield 1	Yield 2	Yield 3	Yield Avg	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pharos	PH2798 g +	83	4.5	NS	44.7	8.0	0	137.3	438	1
Bliss	BO 4408E g +	83	4.4	NS	44.6	7.7	0	136.7	433	2
Agrium	AG20071 g +	84F37	4.0	NS	41.8	7.7	0	132.9	423	3
Munzing	MZ225 OC +	83	4.2	NS	43.3	7.8	0	137.1	420	4
Genesee	GE2003 g +	83,87	4.0	NS	43.2	7.8	0	137.1	419	5
Hoegaarden	HO 4100 g +	83,87	4.3	NS	43.0	8.0	0	135.7	418	6
Bliss	BO 4100E g +	83	4.1	NS	41.7	7.8	0	136.7	409	7
Golden Harvest	GH214038 g +	83,87	4.1	NS	41.2	8.0	0	137.3	408	8
Hoegaarden	HO 4000 g +	83	4.0	NS	41.0	8.0	0	140.7	407	9
Pharos	PH2100E g +	83,87	4.0	NS	41.4	8.0	0	140.7	405	10
Agrium	AG20071 g +	84F37	4.0	NS	41.7	8.1	0	137.3	404	11
Bliss	BO 4000 g +	83	4.6	NS	41.8	8.0	0	136.7	404	12
Munzing	MZ225 g +	83	4.7	NS	41.8	7.8	0	136.7	403	13
Bliss	BO 3800E g +	83,87	4.1	NS	41.4	8.2	0	136.7	402	14
Agrium	AG20074 g +	84F37	4.1	NS	41.2	8.0	0	137.3	400	15
Bliss	BO 4200E g +	83,87	4.1	NS	41.1	8.0	0	137.3	399	16
Munzing	MZ225 OC g +	83,87	4.1	NS	41.0	8.1	0	137.3	399	17
Hoegaarden	HO 4000 g +	83,87	3.8	NS	40.7	7.8	0	137.3	399	18
Genesee	GE2003 g +	83,87	3.8	NS	40.4	7.8	0	136.7	392	19
Golden Harvest	GH214038 g +	83,87	4.4	NS	40.4	7.8	0	140.3	392	20
Munzing	MZ225 g +	84F37	4.8	NS	40.2	8.2	0	137.3	390	21
Munzing	MZ225 OC g +	84F37	4.7	NS	40.0	7.8	0	136.7	389	22
Bliss	BO 4000 g +	83	4.2	NS	39.8	7.7	0	137.3	389	23
Pharos	PH2400E g +	83	4.3	NS	39.4	8.0	0	132.3	382	24
Bliss	BO 4000 g +	83	3.7	NS	39.0	7.8	0	136.7	378	25

REJECTED



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Averages = **41.6** **7.9** **136.3** **404**

LSD (0.10) = ns ns ns

LSD (0.25) = ns ns ns

C.V. = 7.5

Historic yield: 42.08 bu/a, 12 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$9.70

Report Date: 10/31/2024

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

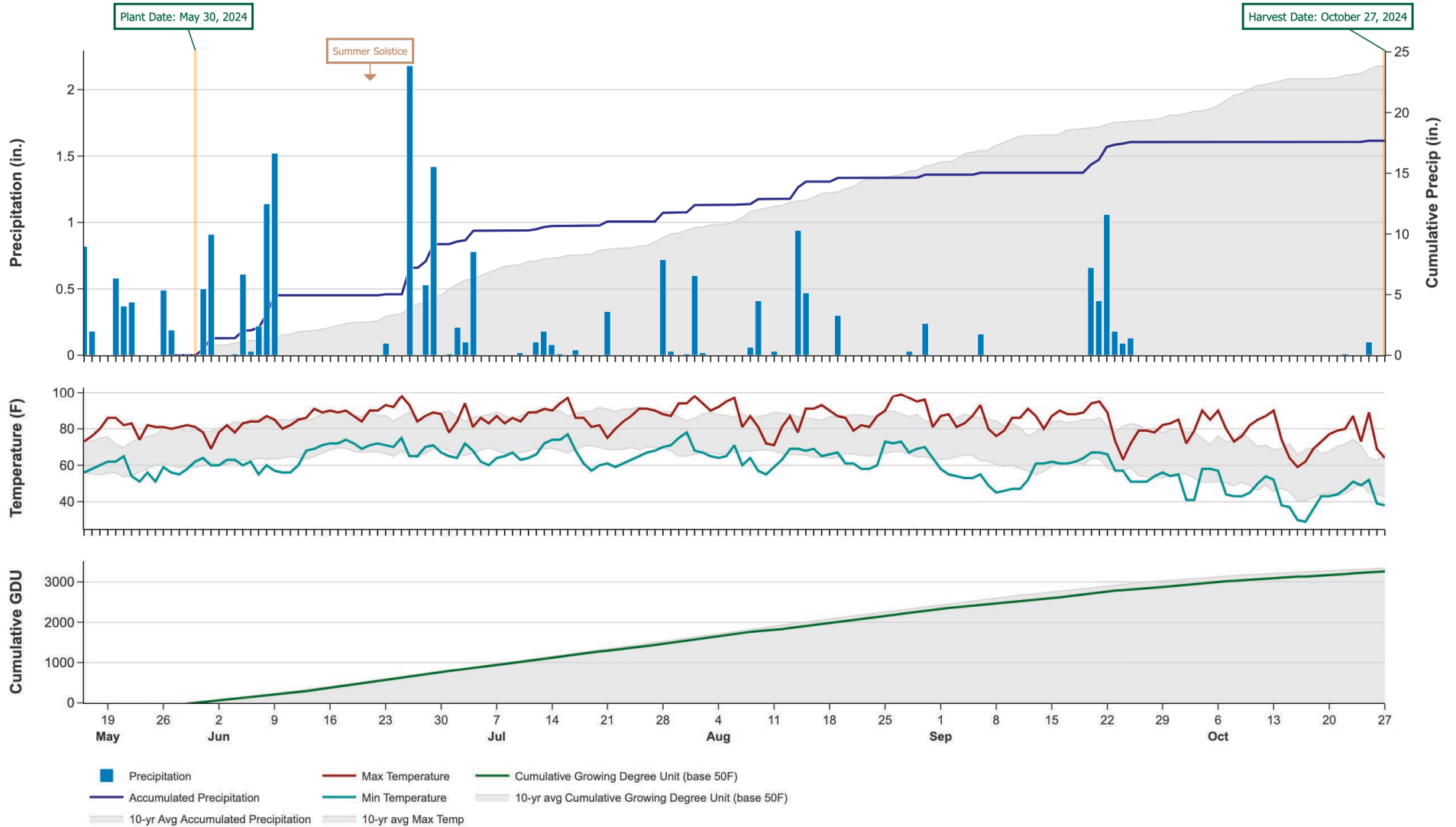
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2024 Soybeans - Kansas East Central [KSEC]

Weather Conditions Summary at LA CYGNE, KS

Weather Data Retrieved: 10/31/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	3.5 4.3 (-0.8)	8.7 4.7 (+4.0)	2.6 5.3 (-2.7)	3.1 5.4 (-2.3)	2.7 4.1 (-1.4)	0.1 4.1 (-4.0)	20.7 27.9 (-7.2)
GDU Avg (Diff)	308 265 (+42)	748 752 (-4)	788 837 (-49)	755 804 (-49)	578 631 (-53)	371 295 (+75)	3548 3588 (-40)



* 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 (25 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Asgrow	AG42XF4 §	RXF,ST	R	4.2	ACi,IL
Genesis	G3890E §	E3	M	3.8	EcTC,SA
Genesis	G4080ES	E3,ST	R	4.0	EcTC,SA
Golden Harvest	GH4214E3S §	E3,ST	M	4.2	CMB-APX,SA
Golden Harvest	GH4433E3S §	E3,ST	M	4.4	CMB-APX,SA
Hoegemeyer	3825 E	E3	M	3.8	Lum, LumT, IL
Hoegemeyer	4355 BE	E3,ST	M	4.3	Lum, LumT, IL
Hoegemeyer	4525 E	E3	M	4.5	Lum, LumT, IL
Mustang	41E324 GC	E3	M	4.1	CMB-APX,SA
Mustang	42E225 GC	E3	M	4.2	CMB-APX,SA
Mustang	47E323	E3	M	4.7	CMB-APX,SA
Mustang	XFS46825	RXF,ST	M	4.6	CMB-APX,SA
Mustang	XFS47225	RXF,ST	M	4.7	CMB-APX,SA
Pioneer	P45A81E §	E3	R	4.5	Lum, LumT, IL
Pioneer	P45Z75E §	E3	NA	4.5	Lum, LumT, IL
Pioneer	P47Z15BE §	E3,ST	NA	4.7	Lum, LumT, IL
Stine	37EG23 §	E3	M	3.7	TFX1,SA
Stine	42EG23 §	E3	M	4.2	TFX1,SA
Stine	46EG92 §	E3	M	4.6	TFX1,SA
Xitavo	XO 3855E	E3,ST	M	3.8	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	M	4.1	PV,IL,OB,Rey
Xitavo	XO 4255E	E3,ST	M	4.2	PV,IL,OB,Rey
Xitavo	XO 4405E	E3	M	4.4	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
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro

* Seed treatments may include unspecified plant health promoting components.