

Test by: Agri Seed Research, LLC Louisburg, KS

2020 Soybeans Top 30 Harvest Report

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

All-Season Test	3.7 - 4.7 Day CRM S2020KSEC01
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Cobra, Authority
SOIL DESCRIPTION:	Kenoma silty clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	medium P, low K, 6.9 pH, 2.7% OM, 20.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Dicamba (Burndown), Acetachlor, Cobra, Glyphosate
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 8 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 2 135.7 /A

TEST COMMENTS:

This site emerged unevenly due to dry conditions at planting. It had evened up by V3 and looked good. A few showers fell in July, and August brought spotty showers. Plants were standing well and were 30-34 inches tall at harvest. Some of the three-bean pods only had two beans in them. Good weed control.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CREDENZ	CZ 3930GTLL	LLGT27	3.9	MR	54.3	10.2	0	137.3	527	1
HEFTY	H39X8	RRX	3.9	MR	53.1	9.9	0	135.7	515	2
GOLDEN HARVEST	GH3982X	RRX	3.9	R	52.0	9.9	0	137.3	504	3
CREDENZ	CZ 4730R2X	RRX	4.7	MR	51.6	9.9	0	137.3	501	4
PIONEER	P46A93X §	RRX	4.6	NA	50.1	9.9	0	132.3	486	5
DYNA-GRO	S46ES91	E3	4.6	R	49.8	10.3	0	135.7	483	6
DYNA-GRO	S41XS98 §	RRX,ST	4.1	R	49.4	9.8	0	134.0	479	7
MIDLAND GENETICS	4488NXS	RRX,ST	4.4	R	49.3	10.5	0	137.3	478	8
STINE	40EB22 §	E3	4.0	R	49.2	10.0	0	135.7	477	9
MIDLAND GENETICS	4251X	RRX	4.2	MR	48.9	10.0	0	135.7	474	10
CREDENZ	CZ 4869R2X GC	RRX	4.8	NA	48.7	10.2	0	134.0	472	11
DONMARIO	DM 40X61	RRX	4.0	R	48.6	10.0	0	140.7	471	12
ASGROW	AG42X6 §	RRX	4.2	R	47.8	9.9	0	134.0	464	13
DONMARIO	DM 44X31	RRX	4.4	NA	47.7	10.0	0	134.0	463	14
CREDENZ	CZ 4241GTLL	LLGT27	4.2	NA	47.7	10.0	0	137.3	463	15
NK BRAND	S37-2E3S §	E3,ST	3.7	MR	47.3	10.0	0	134.0	459	16
RENK	RS379NSX §	RRX	3.7	R	47.1	9.8	0	132.3	457	17
ASGROW	AG37X8 §	RRX	3.7	R	46.7	10.2	0	137.3	453	18
NK BRAND	S42-B9XS §	RRX,ST	4.2	R	46.1	10.0	0	135.7	447	19
MIDLAND GENETICS	4260E3S	E3,ST	4.2	MR	46.1	10.1	0	134.0	447	20
HOEGEMEYER	4161 E	E3	4.1	R	46.1	9.7	0	132.3	447	21
CREDENZ	CZ 4810R2X GC	RRX	4.8	NA	46.0	10.0	0	140.7	446	22
MIDLAND GENETICS	4677NXS	RRX,ST	4.6	R	45.9	9.9	0	135.7	445	23
NK BRAND	S39-G2X	RRX	3.9	R	45.8	10.0	0	137.3	444	24
GOLDEN HARVEST	GH4589X	RRX	4.5	R	45.6	9.9	0	139.0	442	25
DYNA-GRO	S43XS70	RRX,ST	4.3	R	45.6	10.5	0	140.7	442	26
DYNA-GRO	S46XS60	RRX,ST	4.6	R	45.4	10.1	0	137.3	440	27
HEFTY	H42X9	RRX	4.2	MR	45.2	9.9	0	135.7	438	28
CREDENZ	CZ 4410GTLL	LLGT27	4.4	R	44.2	10.1	0	137.3	429	29
STINE	43EB20 §	E3	4.3	R	44.1	10.2	0	135.7	428	30



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Averages = **46.1** **10.1** **0** **135.7** **447**

LSD (0.10) = 3.0 0.2 ns

LSD (0.25) = 1.5 0.1 ns

C.V. = 6.1

Historic yield: 43.4 bu/a, 7 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$9.70

2020 Soybeans - Kansas East Central [KSEC]

All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
ASGROW	AG37X8 §	RRX	R	3.7	NA
ASGROW	AG39X7 §	RRX,ST	R	3.9	NA
ASGROW	AG42X6 §	RRX	R	4.2	NA
CREDENZ	CZ 3930GTLL	LLGT27	MR	3.9	PV,IL,OB
CREDENZ	CZ 4241GTLL	LLGT27	NA	4.2	PV,IL,OB
CREDENZ	CZ 4410GTLL	LLGT27	R	4.4	PV,IL,OB
CREDENZ	CZ 4701R2X	RRX	R	4.7	PV,IL,OB
CREDENZ	CZ 4730R2X	RRX	MR	4.7	PV,IL,OB
CREDENZ	CZ 4770R2X GC	RRX	NA	4.7	PV,IL,OB
CREDENZ	CZ 4810R2X GC	RRX	NA	4.8	PV,IL,OB
CREDENZ	CZ 4869R2X GC	RRX	NA	4.8	PV,IL,OB
DONMARIO	DM 40X61	RRX	R	4.0	CMBV,SA
DONMARIO	DM 44X31	RRX	NA	4.4	CMBV,SA
DYNA-GRO	S41XS98 §	RRX,ST	R	4.1	EQV,SA
DYNA-GRO	S43EN61	E3	R	4.3	EQV,SA
DYNA-GRO	S43XS70	RRX,ST	R	4.3	EQV,SA
DYNA-GRO	S46ES91	E3	R	4.6	EQV,SA
DYNA-GRO	S46XS60	RRX,ST	R	4.6	EQV,SA
GENESIS	G3850ES	E3	R	3.8	CMBV,SA
GOLDEN HARVEST	GH3982X	RRX	R	3.9	CMBV,SA
GOLDEN HARVEST	GH4307X §	RRX	R	4.3	CMBV,SA
GOLDEN HARVEST	GH4589X	RRX	R	4.5	CMBV,SA
HEFTY	H39X8	RRX	MR	3.9	HCS
HEFTY	H42X9	RRX	MR	4.2	HCS
HEFTY	H47E1	E3	R	4.7	HCS
HOEGEMEYER	3921 E	E3	R	3.9	Lum,Lu,IL
HOEGEMEYER	4081 SE	E3	R	4.0	Lum,Lu,IL
HOEGEMEYER	4161 E	E3	R	4.1	Lum,Lu,IL
HOEGEMEYER	4516 SE	E3	R	4.5	Lum,Lu,IL
HOEGEMEYER	4641 E	E3	R	4.6	Lum,Lu,IL
MIDLAND GENETICS	3930NXS	RRX,ST	R	3.9	NA
MIDLAND GENETICS	3999 E3	E3	R	3.9	NA
MIDLAND GENETICS	4140NXS	RRX,ST	R	4.1	NA
MIDLAND GENETICS	4251X	RRX	MR	4.2	NA
MIDLAND GENETICS	4260E3S	E3,ST	MR	4.2	NA
MIDLAND GENETICS	4488NXS	RRX,ST	R	4.4	NA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
MIDLAND GENETICS	4677NXS	RRX,ST	R	4.6	NA
NK BRAND	S37-2E3S §	E3,ST	MR	3.7	CMBV,SA
NK BRAND	S39-G2X	RRX	R	3.9	CMBV,SA
NK BRAND	S42-B9XS §	RRX,ST	R	4.2	CMBV,SA
PIONEER	P46A93X §	RRX	NA	4.6	NA
RENK	RS379NSX §	RRX	R	3.7	EcTC,SA
STINE	40EB22 §	E3	R	4.0	NA
STINE	43EB20 §	E3	R	4.3	NA
STINE	46EB22 §	E3	R	4.6	NA

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
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments**

NA	Not Available
CMBV,SA	Cruisermaxx, Vibrance, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro
EQV,SA	Equity VIP, Saltro
HCS	Hefty Complete Soybeans
Lum,Lu,IL	Lumigen, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus

** Seed treatments may include unspecified plant health promoting components.