

Test by: Agri Seed Research, LLC Louisburg, KS

## 2020 Soybeans Top 30 Harvest Report

Kansas East Central [KSEC] STILWELL, KS  
Bruce Betts, Johnson County, KS 64742

<b>All-Season Test</b>	3.7 - 4.7 Day CRM S2020KSEC03
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Lexar, Atrazine
<b>SOIL DESCRIPTION:</b>	Grundy silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.7 pH, 3.3% OM, 18.8 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Dicamba(Burndown), Glyphosate, Authority, Prefix, Resource
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 10 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 1 137.3 /A

### TEST COMMENTS:

*This site emerged slowly due to dry soil conditions at planting. Once it rained, emergence looked good. June was dry, then timely rains fell in July followed by a dry August. Plants started to show some drought stress in late August. Plants were standing well at harvest. Soybean yields in the area have been in the 50's to low 60's. The plot had excellent weed control.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HEFTY	H47E1	E3	4.7	R	<b>62.8</b>	9.9	0	137.3	609	1
MIDLAND GENETICS	3999 E3	E3	3.9	R	<b>62.4</b>	10.1	0	137.3	605	2
HOEGEMEYER	3921 E	E3	3.9	R	<b>62.2</b>	10.1	0	137.3	603	3
DONMARIO	DM 40X61	RRX	4.0	R	<b>62.2</b>	9.9	0	140.7	603	4
MIDLAND GENETICS	4677NXS	RRX,ST	4.6	R	<b>62.0</b>	10.0	0	134.0	601	5
CREDENZ	CZ 4869R2X GC	RRX	4.8	NA	<b>62.0</b>	10.0	0	137.3	601	6
DYNA-GRO	S43XS70	RRX,ST	4.3	R	<b>61.9</b>	10.0	0	135.7	600	7
HOEGEMEYER	4081 SE	E3	4.0	R	<b>61.7</b>	10.0	0	134.0	598	8
PIONEER	P46A93X §	RRX	4.6	NA	<b>61.2</b>	9.9	0	135.7	594	9
DONMARIO	DM 44X31	RRX	4.4	NA	<b>61.2</b>	9.8	0	139.0	594	10
MIDLAND GENETICS	4140NXS	RRX,ST	4.1	R	<b>61.0</b>	9.9	0	139.0	592	11
HOEGEMEYER	4161 E	E3	4.1	R	<b>61.0</b>	9.9	0	137.3	592	12
ASGROW	AG39X7 §	RRX,ST	3.9	R	60.7	10.0	0	137.3	589	13
DYNA-GRO	S41XS98 §	RRX,ST	4.1	R	60.6	9.8	0	140.7	588	14
ASGROW	AG37X8 §	RRX	3.7	R	60.6	9.6	0	134.0	588	15
STINE	40EB22 §	E3	4.0	R	60.4	9.9	0	140.7	586	16
CREDENZ	CZ 3930GTLL	LLGT27	3.9	MR	60.2	10.0	0	134.0	584	17
HEFTY	H42X9	RRX	4.2	MR	60.0	10.0	0	137.3	582	18
CREDENZ	CZ 4701R2X	RRX	4.7	R	59.8	10.0	0	134.0	580	19
MIDLAND GENETICS	3930NXS	RRX,ST	3.9	R	59.5	10.0	0	132.3	577	20
CREDENZ	CZ 4410GTLL	LLGT27	4.4	R	59.5	10.1	0	139.0	577	21
GOLDEN HARVEST	GH4589X	RRX	4.5	R	59.4	10.0	0	135.7	576	22
DYNA-GRO	S46XS60	RRX,ST	4.6	R	59.1	10.0	0	135.7	573	23
CREDENZ	CZ 4730R2X	RRX	4.7	MR	59.1	10.1	0	134.0	573	24
HOEGEMEYER	4641 E	E3	4.6	R	58.9	9.9	0	135.7	571	25
CREDENZ	CZ 4810R2X GC	RRX	4.8	NA	58.9	9.9	0	140.7	571	26
MIDLAND GENETICS	4251X	RRX	4.2	MR	58.7	9.9	0	137.3	569	27
GOLDEN HARVEST	GH3982X	RRX	3.9	R	58.6	10.0	0	134.0	568	28
MIDLAND GENETICS	4260E3S	E3,ST	4.2	MR	58.3	9.9	0	140.7	566	29
MIDLAND GENETICS	4488NXS	RRX,ST	4.4	R	58.2	10.0	0	137.3	565	30

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Averages = **59.0** **10.0** **0** **137.3** **572**

LSD (0.10) = 2.0 0.2 ns

LSD (0.25) = 1.0 0.1 ns

C.V. = 3.2

Historic yield: 50.6 bu/a, 6 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

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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

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies\*

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E3	Enlist™ E3
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

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**Soybeans Seed Treatments\*\***

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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

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