

2016 Soybean Top 30 Performance Summary for Kansas East Central [KSEC]



All-Season Test

Maturity Group 3.7 - 4.7

S2016KSEC

Top 30 of 36

For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Baldwin City	La Cygne	Louisburg	Stilwell
Prairie Brand	X16413R2	RR2Y	4.1	R	CCB,In	50.2	35.4	19.5	12.8	0	\$452		54.2	49.3	47.0
Mycogen	5N479R2 §	RR2Y,ST	4.7	R	CCB	49.9	35.7	18.7	12.8	0	\$449		55.6	48.0	46.0
Armor	46-D08 §	RRX	4.6	R	DX	49.8	35.8	18.7	12.4	0	\$448		55.3	50.5	43.5
NK Brand	S47-K5 §	RR2Y	4.7	MR	CCB,Me	49.8	35.5	18.9	13.0	0	\$448		51.9	49.6	47.8
Armor	43-D34 §	RRX	4.2	R	DX	49.0	36.0	19.1	13.0	0	\$441		47.6	51.3	48.1
Armor	44-D40 §	RRX	4.4	R	DX	47.5	35.7	18.8	12.8	0	\$428		45.9	49.0	47.6
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	47.3	35.2	19.5	12.9	0	\$426		51.2	48.1	42.7
Lewis	4572X §	RRX	4.5	R	ACi	47.2	35.0	19.0	12.5	0	\$425		48.8	48.1	44.7
Dyna-Gro	S46XS87	RRX,ST	4.6	R	ACi	47.1	35.8	18.7	12.8	0	\$424		53.1	44.2	43.9
Lewis	4761X §	RRX,ST	4.7	R	ACi	47.0	35.9	18.7	12.5	0	\$423		50.8	45.6	44.5
LG Seeds	C4780R2 §	RR2Y,ST	4.7	R	CCB	46.9	36.1	18.4	12.7	0	\$422		49.6	46.2	45.0
Asgrow	AG45X6 §	RRX,ST	4.5	R	ACi	46.9	35.5	18.8	12.9	0	\$422		48.1	47.8	44.7
Prairie Brand	PB-4343R2 §	RR2Y	4.3	R	CCB,In	46.8	35.9	18.9	12.8	0	\$421		47.5	47.5	45.3
Ohlde	O 435 §	RR2Y,ST	4.3	R	SDPI	46.7	35.4	18.7	12.6	0	\$420		50.2	44.3	45.6
NK Brand	S45-R7 §	RR2Y,ST	4.5	R	CCB,Me	46.7	35.2	19.5	12.9	0	\$420		53.6	44.2	42.4
LG Seeds	C4145R2	RR2Y	4.1	R	CCB	46.4	35.7	19.2	12.7	0	\$418		50.2	45.2	43.8
Mycogen	5N387R2 §	RR2Y	3.8	R	CCB	46.1	35.4	19.3	12.7	0	\$415		45.9	43.1	49.2
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi	45.9	36.3	18.6	12.6	0	\$413		48.6	46.5	42.5
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	45.9	35.4	19.4	13.0	0	\$413		48.2	47.0	42.4
Ohlde	O 41R7 §	RR2Y,ST	4.1	MR	SDPI	45.8	35.8	19.3	12.3	0	\$412		50.5	39.2	47.7
Ohlde	O 46R6 §	RR2Y,ST	4.6	R	SDPI	45.8	35.5	18.7	12.6	0	\$412		48.8	43.7	44.9
Lewis	4462X	RRX,ST	4.4	R	ACi	45.8	35.3	18.9	13.0	0	\$412		50.6	42.2	44.6
Dyna-Gro	S39XT67 §	RRX	3.9	R	CCB	45.5	36.0	18.6	13.0	0	\$410		48.3	42.3	45.8
Mycogen	5N431R2 §	RR2Y	4.3	R	CCB	45.5	35.5	19.2	13.0	0	\$410		45.4	50.1	41.1
Stine	43RE02 §	RR2Y	4.3	R	SFI	45.5	35.6	19.2	13.1	0	\$409		48.1	45.8	42.5
LG Seeds	C4615RX §	RRX	4.6	R	CCB	45.4	35.5	18.7	12.8	0	\$409		44.7	50.9	40.7
Asgrow	AG38X6 §	RRX	3.8	R	ACi	44.9	35.2	19.4	13.2	0	\$404		45.8	44.3	44.6
Mycogen	5N451R2 §	RR2Y	4.5	R	CCB	44.5	35.6	18.6	12.8	0	\$401		46.5	45.5	41.6
Asgrow	AG40X6 §	RRX	4.0	R	ACi	44.1	36.2	19.1	13.2	0	\$397		47.5	42.0	42.9
Prairie Brand	PB-4186R2 §	RR2Y,ST	4.1	R	CCB,In	44.0	35.6	18.9	12.5	0	\$396		42.6	44.3	45.2

Test Abandoned, compromised by excess water

Averages =	46.1	35.6	19.0	12.8	0	\$415	48.6	45.4	44.3
LSD (0.10) =	2.8	0.6	0.5	0.5	ns		3.6	3.0	3.0
LSD (0.25) =	2.0	0.4	0.3	0.3	ns		2.5	2.1	2.1

Previous years average yield for region, 42.1 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 11/17/2016 Revised: 11/28/2016 Protein and oil content results added

2016 Soybean - Kansas East Central [KSEC]



All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Armor	43-D34 §	RRX	4.2	R	DX
Armor	44-D40 §	RRX	4.4	R	DX
Armor	46-D08 §	RRX	4.6	R	DX
Asgrow	AG38X6 §	RRX	3.8	R	ACi
Asgrow	AG40X6 §	RRX	4.0	R	ACi
Asgrow	AG45X6 §	RRX,ST	4.5	R	ACi
Dyna-Gro	S39XT67 §	RRX	3.9	R	CCB
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi
Dyna-Gro	S46XS87	RRX,ST	4.6	R	ACi
Lewis	3872X §	RRX	3.8	R	ACi
Lewis	4462X	RRX,ST	4.4	R	ACi
Lewis	4572X §	RRX	4.5	R	ACi
Lewis	4761X §	RRX,ST	4.7	R	ACi
LG Seeds	C3989R2	RR2Y	3.8	R	CCB
LG Seeds	C4145R2	RR2Y	4.1	R	CCB
LG Seeds	C4615RX §	RRX	4.6	R	CCB
LG Seeds	C4780R2 §	RR2Y,ST	4.7	R	CCB
Mycogen	5N387R2 §	RR2Y	3.8	R	CCB
Mycogen	5N431R2 §	RR2Y	4.3	R	CCB
Mycogen	5N451R2 §	RR2Y	4.5	R	CCB
Mycogen	5N479R2 §	RR2Y,ST	4.7	R	CCB
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me
NK Brand	S45-R7 §	RR2Y,ST	4.5	R	CCB,Me
NK Brand	S47-K5 §	RR2Y	4.7	MR	CCB,Me
Ohlde	O 41R7 §	RR2Y,ST	4.1	MR	SDPI
Ohlde	O 435 §	RR2Y,ST	4.3	R	SDPI
Ohlde	O 46R6 §	RR2Y,ST	4.6	R	SDPI
Prairie Brand	PB-3956R2 §	RR2Y	3.9	R	CMB,In
Prairie Brand	PB-4186R2 §	RR2Y,ST	4.1	R	CCB,In
Prairie Brand	PB-4343R2 §	RR2Y	4.3	R	CCB,In
Prairie Brand	X16413R2	RR2Y	4.1	R	CCB,In
Stine	37RC82 §	RR2Y,ST	3.7	R	None
Stine	38RE02 §	RR2Y	3.8	R	SFI
Stine	40RF22 §	RR2Y	4.0	R	SFI
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI
Stine	43RE02 §	RR2Y	4.3	R	SFI

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer.
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 Technologies

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

?	Information not provided	DST	Dominance™ ST	Mg	Magnum ST™ (standard)
AC	Acceleron® fungicide products	DX	Defend™ Extra	NCFI	N-Compass™ Plus F/I
ACi	Acceleron® fungicide and insecticide products	EE	Evergol™ Energy	None	untreated
AG	ArmourGuard™	En	Encase®	PV	Poncho®/Votivo®
AM	ApronMaxx®	G	Gaucho®	SDPI	Servo™ DPI
AVB	Avicta® Complete Beans	Gr+	Great Start™ Max Plus	SFI	Stine XP fungicide & insecticide
CCB	Clariva™ Complete Beans	IL	ILeVO®	SS	Soyshield™
CI	Clariva™ pn	In	Intego™ Solo	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	IS	Intego™ Suite	SStd	SureStand™
CMBV	CruiserMaxx® Beans with Vibrance	MAG	Maximum ArmourGuard™	TE	Trius™ Elite
DPHB	DPH Boost®	Me	Mertect®	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.