

2018 Soybean Top 30 Harvest Report

Nebraska Southeast [NESE] UNION

Nick Smith, Cass County, NE 68455



Test by: Agri Seed Research, LLC, Louisburg, KS

PREV. CROP/HERB: Corn / Cinch, atrazine
 SOIL DESCRIPTION: Judson silt loam, well drained, non-irrigated
 SOIL CONDITIONS: Medium P, medium K, 5.6 pH, 4.7% OM, 17.2 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Authority XL, 2,4-D, Prefix, Glyphosate
 APPLIED N-P-K (units): 10-25-25
 SEEDED - RATE - ROW: May 24 150,000 /A 30" Spacing
 HARVESTED - STAND: Oct 30 137,600 /A

All-Season Test
Maturity Group 3.1 - 4.0
 S2018NESE11

Top 30 of 36

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	C3985RX	RRX	3.9	R	62.0	11.3	0	141.1	\$471	1
Asgrow	AG39X7 §	RRX,ST	3.9	R	61.4	11.4	0	137.7	\$467	2
Champion	40X98N	RRX	4.0	R	60.9	11.2	0	136.1	\$463	3
LG Seeds	LGS3777RX	RRX	3.7	R	60.9	11.6	0	137.7	\$463	4
Dyna-Gro	S34XT69	RRX	3.4	R	60.8	11.1	0	136.1	\$462	5
Hefty	H34X7	RRX	3.4	MR	60.3	11.0	0	137.7	\$458	6
Champion	35X78N	RRX	3.5	R	59.8	11.2	0	132.8	\$454	7
Champion	34X97N	RRX	3.4	R	59.6	11.3	0	134.4	\$453	8
Dyna-Gro	S39XT68	RRX	3.9	R	59.4	11.1	0	139.4	\$451	9
Hefty	H37X8S	RRX,ST	3.7	MR	59.2	11.1	0	137.7	\$450	10
Hefty	H33X9	RRX	3.3	MR	59.2	11.3	0	131.1	\$450	11
Dyna-Gro	S35XT97	RRX	3.5	R	58.8	11.0	0	137.7	\$447	12
Renk	RS357NX	RRX	3.5	R	58.8	11.2	0	134.4	\$447	13
Renk	RS328NX	RRX	3.2	R	58.5	11.2	0	139.4	\$445	14
Pioneer	P40A47X §	RRX	4.0	R	57.6	11.3	0	136.1	\$438	15
NK Brand	S39-P5X §	RRX	3.9	R	57.1	11.2	0	139.4	\$434	16
Asgrow	AG36X6 §	RRX	3.6	R	56.4	11.2	0	141.1	\$429	17
NuPride Genetics	NGN8381GT §	RR	3.8	R	55.9	11.3	0	137.7	\$425	18
Champion	32X89N	RRX	3.2	R	55.9	11.6	0	139.4	\$425	19
Armor	39-D39 §	RRX	3.9	R	55.7	11.8	0	137.7	\$423	20
Hefty	H35X8	RRX	3.5	MR	55.6	11.3	0	136.1	\$423	21
Asgrow	AG37X8 §	RRX	3.7	R	55.4	11.4	0	139.4	\$421	22
NK Brand	S31-Y2X §	RRX	3.1	R	55.3	11.5	0	139.4	\$420	23
Hefty	H33X8	RRX	3.3	MR	54.9	11.0	0	136.1	\$417	24
LG Seeds	C3489RX	RRX	3.4	R	54.9	11.3	0	136.1	\$417	25
Hefty	H31X9	RRX	3.1	MR	54.7	11.2	0	137.7	\$416	26
Pioneer	P38T20X §	RRX	3.8	R	54.7	11.4	0	141.1	\$416	27
Renk	RS348NX	RRX	3.4	R	54.6	11.1	0	134.4	\$415	28
LG Seeds	LGS3140RX	RRX	3.1	R	54.4	11.1	0	141.1	\$413	29
Renk	RS398NX	RRX	3.9	R	54.4	11.2	0	137.7	\$413	30

Averages = **56.8** **11.3** **0** **137.6** **\$432**

LSD (0.10) = 2.8 0.2 ns

LSD (0.25) = 1.5 0.1 ns

C.V. = 4.7 Prev. years avg. yield, 61.2 bu/a, 5 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$7.60 GMO; \$7.60 non-GMO

TEST COMMENTS: *This site was planted into a clean no-till seedbed and emerged great. Timely rains fell most of the growing season, Nick, our plot host, thought a period in August was too wet and reduced yield. Plants were tall and standing excellent. Weed control was very good. A wet October delayed harvest.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report Date: 11/01/2018 Revised:

2018 Soybean - Nebraska Southeast [NESE]

All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Armor	39-D39 §	RRX	3.9	R	DX						
Asgrow	AG36X6 §	RRX	3.6	R	AC,PV						
Asgrow	AG37X8 §	RRX	3.7	R	AC,PV						
Asgrow	AG39X7 §	RRX,ST	3.9	R	AC,PV						
Champion	32X89N	RRX	3.2	R	EL						
Champion	34X97N	RRX	3.4	R	EL						
Champion	35X78N	RRX	3.5	R	EL						
Champion	38X97N	RRX	3.8	R	EL+						
Champion	40X98N	RRX	4.0	R	EL						
Dyna-Gro	S34XT69	RRX	3.4	R	EQV,Ci						
Dyna-Gro	S35XT97	RRX	3.5	R	EQV,Ci						
Dyna-Gro	S39XT68	RRX	3.9	R	EQV,Ci						
Hefty	H31X9	RRX	3.1	MR	DST						
Hefty	H33X8	RRX	3.3	MR	DST						
Hefty	H33X9	RRX	3.3	MR	DST						
Hefty	H34X7	RRX	3.4	MR	DST						
Hefty	H35X8	RRX	3.5	MR	DST						
Hefty	H37X8S	RRX,ST	3.7	MR	DST						
LG Seeds	C3489RX	RRX	3.4	R	ASfi,IL						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
LG Seeds	LGS3140RX	RRX	3.1	R	ASfi,IL						
LG Seeds	LGS3777RX	RRX	3.7	R	ASfi,IL						
NK Brand	S31-Y2X §	RRX	3.1	R	CCB,Me						
NK Brand	S35-K9X	RRX	3.5	R	CCB,Me						
NK Brand	S39-P5X §	RRX	3.9	R	CCB,Me						
NuPride Genetics	NGN8261GT §	RR	2.7	n/a	None						
NuPride Genetics	NGN8341GT/STS §	RR,ST	3.4	R	None						
NuPride Genetics	NGN8381GT §	RR	3.8	R	None						
Pioneer	P35T75X §	RRX	3.5	R	EE,G,IL,Lu						
Pioneer	P38T20X §	RRX	3.8	R	EE,G,IL,Lu						
Pioneer	P40A47X §	RRX	4.0	R	EE,G,IL,Lu						
Renk	RS328NX	RRX	3.2	R	EcTC						
Renk	RS348NX	RRX	3.4	R	EcTC						
Renk	RS357NX	RRX	3.5	R	EcTC						
Renk	RS379NX	RRX	3.7	R	EcTC						
Renk	RS398NX	RRX	3.9	R	EcTC						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

?	Information not provided	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron® fungicide products	IL	ILeVO®
ACi	Acceleron® fungicide and insecticide products	In	Intego™ Solo
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

* Seed treatments may include unspecified plant health promoting components.