

2018 Soybean Top 30 Harvest Report

Iowa South Central [IASC] SLATER
Jason Krause, Story County, IA 50244



Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Corn / Harness Xtra, Roundup PowerMax
SOIL DESCRIPTION: Clarion loam, well drained, non-irrigated
SOIL CONDITIONS: Medium P, medium K, 5.0 pH, 1.8% OM, 15.2 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Trifluralin, Roundup PowerMax, Sinister, Tapout
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 18 160,000 /A 15" Spacing
HARVESTED - STAND: Oct 29 121,100 /A

Early-Season Test
Maturity Group 2.3 - 2.7
S2018IASC42a

Top 30 of 45

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
Steva	269442 g	RR2	2.6	R	52.3	13.0	1	141.9	\$326	1
Rex	R22881	RR1	2.6	S	54.4	12.7	1	137.6	\$312	2
Legend	LS 278326n	RR2V	2.7	NR	54.3	12.6	1	142.9	\$311	3
Cornelius	CB26147	RR1	2.6	S	52.4	12.3	1	144.9	\$307	4
LG Seeds	LG228881n	RR1	2.6	S	52.4	12.7	1	137.6	\$307	5
True Pro	TP 24147	RR1	2.4	NR	52.4	12.4	1	141.6	\$296	6
Daryland	D96 27842V	RR2V	2.3	R	51.8	12.7	1	137.7	\$292	7
Phase	241201	RR2V	2.4	R	50.2	12.7	1	137.1	\$279	8
Latham	L24492n	RR1	2.5	R	49.9	12.6	1	136.1	\$278	9
Cornelius	CB27141	RR1	2.7	S	49.3	12.1	1	134.4	\$273	10
Cornelius	CB24142	RR2V	2.4	R	49.0	12.1	1	137.1	\$263	12
Golden Harvest	GH27801	RR1	2.7	R	49.1	12.6	1	136.1	\$262	13
Legend	LS 24142n	RR1	2.4	NR	48.3	12.3	1	133.3	\$246	14
LG Seeds	LG271981n	RR1	2.7	R	47.4	11.9	1	114.7	\$244	15
NR Brand	NR 24141 g	RR1	2.4	R	47.4	13.4	1	134.9	\$243	16
Daryland	D96 26142V	RR1	2.6	R	47.1	12.5	1	129.0	\$241	17
Latham	L244712n	RR1	2.5	R	46.5	12.4	1	118.4	\$237	18
Steva	241442 g	RR2V	2.6	R	46.0	13.6	1	129.1	\$233	19
Rex	R22881	RR1	2.6	S	43.3	13.1	1	125.3	\$228	20
Holly	H22881	RR1	2.6	NR	42.4	12.9	1	133.3	\$221	21
Champion	271791	RR1	2.3	R	42.4	13.0	1	118.4	\$221	22
NR Brand	NR 24141 g	RR1	2.5	R	42.0	12.6	1	109.3	\$218	23
Latham	L24492n	RR1	2.4	R	41.7	12.5	1	130.7	\$216	24
Agrow	AG2281	RR1	2.6	R	41.5	13.2	1	130.7	\$214	25
Legend	LS 24141n	RR1	2.5	NR	41.5	13.3	1	144.9	\$214	26
Golden Harvest	GH25171	RR1	2.5	R	41.3	13.2	1	116.3	\$212	27
Agrow	AG2417 g	RR1	2.4	R	40.5	12.3	1	106.7	\$207	28
FS Midway	FS 24142	RR1	2.4	R	40.4	12.5	1	104.7	\$206	29
Champion	26179n	RR1	2.6	NR	40.0	12.6	1	104.7	\$203	30
FS Midway	FS 2417 g	RR1	2.5	R	39.0	13.0	1	101.3	\$201	31
Averages					43.1	12.8	1	121.1	\$326	
LSD (0.10)					10.7	0.5	ns			
LSD (0.25)					5.6	0.2	ns			
C.V.					23.5					

DATA REJECTED

Randy Meinsma
randym@firstseedtests.com, (815) 238-8007

Averages = **43.1** **12.8** **1** **121.1** **\$326**
LSD (0.10) = 10.7 0.5 ns
LSD (0.25) = 5.6 0.2 ns
C.V. = 23.5 Prev. years avg. yield, 53.8 bu/a, 12 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$7.57 GMO; \$7.57 non-GMO

TEST COMMENTS: *Except for a small window at planting, this site was wet and received some very heavy rains. Poor seedling emergence in both tests. Saturated soil hurt plant growth, only 18 to 30 inches tall, and yield. Pods containing aborted seed in many areas. Grain quality was poor at harvest. Weed control issues in plots with low crop stand. Same product rep to rep yields varied widely. Data rejected.*

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

Additional reports available at www.firstseedtests.com

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Report Date: 10/31/2018 Revised:

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Full-Season Test
Maturity Group 2.8 - 3.2
S2018IASC42b

Top 30 of 45
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Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
					48.1	11.1	1	148.0	\$364	
					12.0	0.7	ns			
					6.3	0.4	ns			
					23.6					

DATA REJECTED

Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

Averages = **48.1** **11.1** **1** **148.0** **\$364**
LSD (0.10) = 12.0 0.7 ns
LSD (0.25) = 6.3 0.4 ns
C.V. = 23.6 Prev. years avg. yield, 53.8 bu/a, 12 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$7.57 GMO; \$7.57 non-GMO

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Report Date: 10/31/2018 Revised:

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Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG24X7 §	RRX	2.4	R	AC,PV						
Asgrow	AG26X8 §	RRX	2.6	R	AC,PV						
Champion	23X78N	RRX	2.3	R	EL						
Champion	24X98N	RRX	2.4	R	EL						
Champion	26X09N	RRX	2.6	MR	EL						
Cornelius	CB24R82	RR2Y	2.4	R	PG+						
Cornelius	CB24X64	RRX	2.4	R	PG+						
Cornelius	CB26X67	RRX	2.6	S	PG+						
Cornelius	CB27X81	RRX	2.7	R	PG+						
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB						
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	CMB						
FS HiSoy	HS 23X70	RRX	2.3	R	ACi,IL						
FS HiSoy	HS 24X80	RRX	2.4	R	ACi,IL						
FS HiSoy	HS 25X70	RRX	2.5	R	ACi,IL						
FS HiSoy	HS 27X80	RRX	2.7	R	ACi,IL						
Golden Harvest	GH2230X §	RRX	2.2	R	CCB,Me						
Golden Harvest	GH2537X	RRX	2.5	R	CCB,Me						
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me						
Hefty	H23X9	RRX	2.3	MR	DST						
Hefty	H24X8	RRX	2.4	MR	DST						
Hefty	H25X9	RRX	2.5	MR	DST						
Kruger	K2X-2442	RRX	2.4	R	AC,PV,IL						
Kruger	K2X-2573	RRX	2.5	R	AC,PV,IL						
Kruger	K2X-2652	RRX	2.6	R	AC,PV,IL						
Latham	E2647R2X	RRX	2.6	S	SS+						
Latham	L2464R2X	RRX	2.4	R	SS+						
Latham	L2482R2	RR2Y	2.4	R	SS+						
Latham	L2549R2X	RRX	2.5	R	SS+						
Legend	LS 24R563N	RR2Y	2.4	MR	YPP						
Legend	LS 24X842N	RRX	2.4	MR	YPP						
Legend	LS 25X924N	RRX	2.5	MR	YPP						
Legend	LS 27R524N	RR2Y	2.7	MR	YPP						
LG Seeds	LGS2444RX	RRX	2.4	R	ASfi,IL						
LG Seeds	LGS2680RX	RRX	2.6	S	ASfi,IL						
LG Seeds	LGS2759RX	RRX	2.7	R	ASfi,IL						
NK Brand	S25-B6X §	RRX	2.5	R	CCB,Me						
NK Brand	S27-M8X §	RRX	2.7	R	CCB,Me						
Pfister	24R201	RR2Y	2.4	R	CCB						
Pioneer	P25A27X CK	RRX	2.5	R	EE,G,IL,Lu						
Renk	RS239NX	RRX	2.3	R	None						
Renk	RS248NX	RRX	2.4	R	EcTC						
Renk	RS269X	RRX	2.6	S	EcTC						
Stine	24RH62 §	RR2Y	2.4	R	SF						
Stine	28BA02 §	G27	2.8	R	None						
Titan Pro	TP 24X87	RRX	2.4	MR	IL,PV						

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Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG32X8 §	RRX	3.2	R	AC,PV						
Champion	28X78N	RRX	2.8	R	EL,IL						
Champion	30XS39N	RRX,ST	3.0	R	EL						
Champion	32X89N	RRX	3.2	R	EL						
Cornelius	CB28R58	RR2Y	2.8	R	PG+						
Cornelius	CB29X90	RRX	2.9	R	PG+						
Cornelius	CB31X25	RRX	3.1	R	PG+						
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB						
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	CMB						
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB						
FS HiSoy	HS 28X70	RRX	2.8	R	ACi,IL						
FS HiSoy	HS 29X80	RRX,ST	2.9	R	ACi,IL						
FS HiSoy	HS 30X80	RRX	3.0	R	ACi,IL						
FS HiSoy	HS 32X80	RRX	3.2	R	ACi,IL						
Golden Harvest	GH2981X	RRX	2.9	R	CCB,Me						
Golden Harvest	GH3088X	RRX	3.0	MR	CCB,Me						
Hefty	H28X8	RRX	2.8	MR	DST						
Hefty	H29X8	RRX	2.9	MR	DST						
Hefty	H31X9	RRX	3.1	MR	DST						
Kruger	K2X-2863	RRX	2.8	R	AC,PV,IL						
Kruger	K2X-2971	RRX	2.9	R	AC,PV,IL						
Kruger	K2X-3271	RRX	3.2	R	AC,PV,IL						
Latham	E2895R2X	RRX	2.8	R	SS+						
Latham	L2887R2X	RRX	2.8	R	SS+						
Latham	L2982GT27	G27	2.9	R	SS+						
Latham	L3197R2X	RRX	3.1	R	SS+						
Legend	LS 28X840N	RRX	2.8	MR	YPP						
Legend	LS 29X952N	RRX	2.9	MR	YPP						
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL						
LG Seeds	C3026RX	RRX	3.0	R	ASfi,IL						
LG Seeds	LGS3140RX	RRX	3.1	R	ASfi,IL						
LG Seeds	LGS3297RX	RRX	3.2	R	ASfi,IL						
NK Brand	S30-M9X	RRX	3.0	MR	CCB,Me						
NK Brand	S31-Y2X	RRX	3.1	R	CCB,Me						
Pfister	32R201 §	RR2Y	3.2	R	CCB						
Pioneer	P25A27X CK	RRX	2.5	R	EE,G,IL,Lu						
Pioneer	P28T71X §	RRX	2.8	R	EE,G						
Pioneer	P29A25X §	RRX	2.9	R	EE,G,IL,Lu						
Pioneer	P31A22X §	RRX	3.1	R	EE,G						
Pioneer	P33A53X §	RRX	3.3	R	EE,G						
Renk	RS288NX	RRX	2.8	R	EcTC						
Renk	RS309NSX	RRX,ST	3.0	R	EcTC						
Renk	RS328NX	RRX	3.2	R	EcTC						
Titan Pro	TP 28X47	RRX	2.8	MR	IL,PV						
Titan Pro	TP 32X58	RRX	3.2	MR	IL,PV						

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.