

2018 Soybean Top 30 Harvest Report
Iowa South Central [IASC] CENTRAL CITY
Jim Greif, Linn County, IA 52310



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

PREV. CROP/HERB: Corn / Roundup, Verdict, Armezon
SOIL DESCRIPTION: Kenyon-Donnan loam, well drained, non-irrigated
SOIL CONDITIONS: Medium P, high K, 4.9 pH, 2.2% OM, 14.5 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Zidua Pro, Marvel
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 11 160,000 /A 15" Spacing
HARVESTED - STAND: Oct 30 156,200 /A

Early-Season Test
Maturity Group 2.3 - 2.7
S2018IASC41a

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
Latham	E2647R2X	RRX	2.6	S	78.4	13.8	50	156.8	\$592	1
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	78.2	13.9	34	156.8	\$591	2
FS HiSoy	HS 24X80	RRX	2.4	R	77.3	13.4	7	156.8	\$585	3
Champion	26X09N	RRX	2.6	MR	77.3	13.7	41	156.8	\$584	4
Legend	LS 24X842N	RRX	2.4	MR	77.3	13.9	45	155.2	\$584	5
Cornelius	CB24X64	RRX	2.4	R	77.1	13.6	36	156.8	\$583	6
Titan Pro	TP 24X87	RRX	2.4	MR	76.8	14.3	26	156.8	\$579	8
Latham	L2549R2X	RRX	2.5	R	76.7	13.7	12	156.8	\$580	7
Golden Harvest	GH2230X §	RRX	2.2	R	76.2	13.2	26	151.5	\$577	9
Renk	RS248NX	RRX	2.4	R	76.1	14.2	46	156.8	\$574	10
Golden Harvest	GH2788X	RRX	2.7	R	75.8	13.5	23	156.8	\$573	11
LG Seeds	LGS2759RX	RRX	2.7	R	75.7	13.6	13	156.8	\$572	12
Cornelius	CB26X67	RRX	2.6	S	74.9	13.4	49	156.8	\$566	13
NK Brand	S27-M8X §	RRX	2.7	R	74.6	13.6	5	156.8	\$564	14
Renk	RS269X	RRX	2.6	S	73.6	13.3	42	155.2	\$557	15
LG Seeds	LGS2444RX	RRX	2.4	R	73.6	13.7	7	155.2	\$556	16
Kruger	K2X-2652	RRX	2.6	R	73.0	13.7	50	155.2	\$552	17
Kruger	K2X-2573	RRX	2.5	R	73.0	13.6	59	155.2	\$552	18
Hefty	H24X8	RRX	2.4	MR	72.0	14.5	49	156.8	\$543	19
Cornelius	CB27X81	RRX	2.7	R	70.9	13.4	17	156.8	\$536	20
Pfister	24R201	RR2Y	2.4	R	70.9	13.8	22	156.8	\$536	21
Renk	RS239NX	RRX	2.3	R	70.9	14.3	15	156.8	\$535	22
Legend	LS 27R524N	RR2Y	2.7	MR	70.5	14.2	47	156.8	\$532	23
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	70.4	13.7	19	156.8	\$532	24
Hefty	H25X9	RRX	2.5	MR	70.3	13.7	49	156.8	\$531	25
Cornelius	CB24R82	RR2Y	2.4	R	69.8	13.9	41	156.8	\$527	26
Stine	24RH62 §	RR2Y	2.4	R	69.2	14.2	46	156.8	\$522	27
FS HiSoy	HS 23X70	RRX	2.3	R	68.8	14.0	41	156.8	\$519	28
FS HiSoy	HS 25X70	RRX	2.5	R	68.1	13.4	9	156.8	\$515	29
Legend	LS 24R563N	RR2Y	2.4	MR	67.8	13.9	41	156.8	\$512	30
Pioneer	P25A27X CK	RRX	2.5	R	67.6	13.2	7	156.8	\$511	32

Averages = **70.7** **13.8** **35** **156.2** **\$534**

LSD (0.10) = 4.2 1.0 18.7

LSD (0.25) = 2.2 0.5 9.8

C.V. = 5.7

Prev. years avg. yield, 57.9 bu/a, 1 yr

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

TEST COMMENTS: *This test site had very good drainage which was good this year. Planting conditions and seedling emergence were very good here. The area received plenty of rain this year. Rainfall was at least 4 inches in each June and July. The end of August and harvest period brought more rain making harvest difficult. Plants stood 35 to 47 inches tall. Lodging was a problem here. High quality grain noted here.*

† 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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 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Zidua Pro, Marvel
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 11 160,000 /A 15" Spacing
 HARVESTED - STAND: Oct 30 156,600 /A

Full-Season Test
Maturity Group 2.8 - 3.2
 S2018IASC41b

Top 30 of 45

For Gross Income (Sorted by Yield)
 Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	C2888RX	RRX	2.8	R	80.9	13.2	37	156.8	\$612	1
Renk	RS309NSX	RRX,ST	3.0	R	78.7	13.4	9	156.8	\$595	2
Champion	28X78N	RRX	2.8	R	78.6	13.0	10	154.4	\$595	3
Titan Pro	TP 28X47	RRX	2.8	MR	78.5	13.0	21	156.8	\$594	4
Cornelius	CB29X90	RRX	2.9	R	78.4	13.5	17	156.8	\$593	5
FS HiSoy	HS 32X80	RRX	3.2	R	76.9	13.1	26	156.8	\$582	6
Hefty	H28X8	RRX	2.8	MR	76.9	12.9	49	156.8	\$582	7
Renk	RS288NX	RRX	2.8	R	76.7	12.9	23	156.8	\$581	8
FS HiSoy	HS 30X80	RRX	3.0	R	76.6	13.2	26	156.8	\$580	9
Golden Harvest	GH2981X	RRX	2.9	R	76.4	13.5	9	156.8	\$578	10
Kruger	K2X-2971	RRX	2.9	R	76.4	12.9	31	156.8	\$578	11
Latham	L2887R2X	RRX	2.8	R	76.1	13.9	9	156.8	\$575	12
Renk	RS328NX	RRX	3.2	R	75.7	13.0	49	156.8	\$573	13
Kruger	K2X-3271	RRX	3.2	R	75.1	13.3	13	156.8	\$568	14
FS HiSoy	HS 28X70	RRX	2.8	R	74.1	12.8	21	156.8	\$561	15
Pioneer	P31A22X §	RRX	3.1	R	74.1	13.2	43	156.8	\$561	16
Hefty	H31X9	RRX	3.1	MR	74.0	13.3	16	154.4	\$560	17
LG Seeds	C3026RX	RRX	3.0	R	73.6	13.7	49	154.4	\$556	18
NK Brand	S30-M9X	RRX	3.0	MR	73.1	13.4	49	156.8	\$553	19
Kruger	K2X-2863	RRX	2.8	R	73.0	13.5	9	156.8	\$552	20
Cornelius	CB31X25	RRX	3.1	R	72.8	13.3	29	156.8	\$551	21
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	72.6	13.4	49	156.8	\$549	22
Golden Harvest	GH3088X	RRX	3.0	MR	72.4	13.1	33	156.8	\$548	23
Pfister	32R201 §	RR2Y	3.2	R	72.1	13.6	49	156.8	\$545	24
Pioneer	P29A25X §	RRX	2.9	R	72.1	14.3	9	156.8	\$544	25
LG Seeds	LGS3140RX	RRX	3.1	R	71.9	12.9	9	156.8	\$544	26
NK Brand	S31-Y2X	RRX	3.1	R	71.6	13.0	20	156.8	\$542	27
Legend	LS 28X840N	RRX	2.8	MR	71.4	13.1	33	156.8	\$540	28
FS HiSoy	HS 29X80	RRX,ST	2.9	R	71.3	13.2	29	156.8	\$539	29
Titan Pro	TP 32X58	RRX	3.2	MR	71.0	13.3	10	156.8	\$537	30
Pioneer	P25A27X CK	RRX	2.5	R	70.9	12.9	16	156.8	\$537	31

Averages = **72.6** **13.3** **31** **156.6** **\$549**

LSD (0.10) = 4.6 ns 14.5

LSD (0.25) = 2.4 ns 7.6

C.V. = 4.9 Prev. years avg. yield, 57.9 bu/a, 1 yr

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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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.