

2018 Soybean Top 30 Harvest Report

Iowa South [IASO] OAKLAND

Mark & Keith Bentley, Pottawattamie County, IA 51560



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

PREV. CROP/HERB: Corn / Acuron, Roundup PowerMax, dicamba
 SOIL DESCRIPTION: Marshall silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Low P, high K, 7.1 pH, 3.1% OM, 19.3 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Roundup PowerMax, Zidua Pro, clethodim
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 7 160,000 /A 15" Spacing
 HARVESTED - STAND: Oct 28 159,900 /A

All-Season Test
Maturity Group 2.5 - 3.6
 S2018IASO51

Top 30 of 63

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	L2638GT27	G27	2.6	R	76.7	12.9	51	160.0	\$592	1
Pioneer	P31A22X §	RRX	3.1	R	76.6	13.3	59	160.0	\$591	2
Asgrow	AG26X8 §	RRX	2.6	R	75.6	13.0	29	160.0	\$584	3
Renk	RS309NSX	RRX,ST	3.0	R	75.6	13.3	36	160.0	\$583	4
Kruger	K2X-3552	RRX	3.5	R	75.2	13.2	26	160.0	\$580	5
Kruger	K2X-3662	RRX	3.6	R	74.5	13.6	48	160.0	\$574	6
Pioneer	P29A25X §	RRX	2.9	R	74.5	13.7	54	160.0	\$574	7
Golden Harvest	GH3475X	RRX	3.4	R	74.4	13.4	26	160.0	\$574	8
NK Brand	S34-T2X	RRX	3.4	R	74.2	13.3	34	160.0	\$572	9
Golden Harvest	GH3546X	RRX	3.5	R	73.9	13.7	38	160.0	\$569	10
Asgrow	AG36X6 §	RRX	3.6	R	73.5	13.5	43	160.0	\$567	11
Golden Harvest	GH2981X	RRX	2.9	R	73.1	13.4	37	160.0	\$564	12
Kruger	K2X-3353	RRX	3.3	R	73.1	13.3	41	160.0	\$564	13
Renk	RS288NX	RRX	2.8	R	72.9	13.2	49	160.0	\$562	14
Golden Harvest	GH2788X	RRX	2.7	R	72.7	12.6	23	160.0	\$561	15
Kruger	K2X-2573	RRX	2.5	R	72.6	13.1	70	158.4	\$560	16
Stine	24RH62 §	RR2Y	2.4	R	72.1	12.9	81	160.0	\$557	17
LG Seeds	C3550RX	RRX	3.5	R	72.1	13.5	18	160.0	\$556	18
Kruger	K2X-2652	RRX	2.6	R	72.0	13.1	55	160.0	\$556	19
NK Brand	S35-K9X	RRX	3.5	R	72.0	13.5	65	160.0	\$555	20
NK Brand	S27-M8X §	RRX	2.7	R	71.9	12.6	15	159.5	\$555	21
Latham	L2549R2X	RRX	2.5	R	71.8	13.1	50	160.0	\$554	22
Renk	RS357NX	RRX	3.5	R	71.5	13.3	37	160.0	\$552	23
FS HiSoy	HS 29X80	RRX,ST	2.9	R	71.4	12.8	22	160.0	\$551	24
Latham	E3486R2X	RRX	3.4	R	71.3	13.3	29	160.0	\$550	25
FS HiSoy	HS 28X70	RRX	2.8	R	71.0	13.1	25	160.0	\$548	26
Champion	35X78N	RRX	3.5	R	71.0	13.6	30	160.0	\$547	27
FS HiSoy	HS 34X60	RRX	3.4	R	70.7	13.1	25	160.0	\$546	28
Titan Pro	TP 34X86	RRX	3.4	MR	70.5	13.3	29	160.0	\$544	29
LG Seeds	C3333RX §	RRX	3.3	R	70.4	13.7	23	158.9	\$543	30

Averages = **69.7** **13.2** **37** **159.9** **\$537**
 LSD (0.10) = 3.8 0.3 14.3
 LSD (0.25) = 2.0 0.2 7.5
 C.V. = 5.1

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Prev. years avg. yield, 71.8 bu/a, 7 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$7.72 GMO; \$7.72 non-GMO

TEST COMMENTS: *This was the first soybean test we planted this year. Emergence was excellent. At harvest, plants stood 41 to 48 inches tall. Lodging was extreme due to the tall plants. Pod clusters were spaced far apart. Pods contained small seed with a few shattered pods. This plot did not show any seed disease/damage. This area has many corn and soybean acres yet to be harvested due to wet weather.*

† 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: 10/29/2018 Revised:

2018 Soybean - Iowa South [IASO]

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG26X8 §	RRX	2.6	R	AC,PV
Asgrow	AG33X8 §	RRX	3.3	R	AC,PV
Asgrow	AG36X6 §	RRX	3.6	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
Champion	34X97N	RRX	3.4	R	EL
Champion	35X78N	RRX	3.5	R	EL
Champion	36X38N	RRX	3.6	R	EL
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	CMB
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB
Dairyland	DSR-3555/R2Y	RR2Y	3.5	MR	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 31X60	RRX	3.1	R	ACi,IL
FS HiSoy	HS 32X80	RRX	3.2	R	ACi,IL
FS HiSoy	HS 33X80	RRX	3.3	R	ACi,IL
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,IL
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me
Golden Harvest	GH2981X	RRX	2.9	R	CCB,Me
Golden Harvest	GH3088X	RRX	3.0	MR	CCB,Me
Golden Harvest	GH3324X	RRX	3.3	R	CCB,Me
Golden Harvest	GH3475X	RRX	3.4	R	CCB,Me
Golden Harvest	GH3546X	RRX	3.5	R	CCB,Me
Kruger	K2X-2573	RRX	2.5	R	AC,PV,IL
Kruger	K2X-2652	RRX	2.6	R	AC,PV,IL
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
Kruger	K2X-3353	RRX	3.3	R	AC,PV,IL
Kruger	K2X-3552	RRX	3.5	R	AC,PV,IL
Kruger	K2X-3662	RRX	3.6	R	AC,PV,IL
Latham	E2895R2X	RRX	2.8	R	SS+
Latham	E3486R2X	RRX	3.4	R	SS+
Latham	L2549R2X	RRX	2.5	R	SS+
Latham	L2638GT27	G27	2.6	R	SS+
Latham	L2887R2X	RRX	2.8	R	SS+
Latham	L2982GT27	G27	2.9	R	SS+
Latham	L3197R2X	RRX	3.1	R	SS+
Latham	L3448R2X	RRX	3.4	R	SS+
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL
LG Seeds	C3333RX §	RRX	3.3	R	ASfi,IL
LG Seeds	C3550RX	RRX	3.5	R	ASfi,IL
LG Seeds	LGS3411RX	RRX	3.4	R	ASfi,IL

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
NK Brand	S27-M8X §	RRX	2.7	R	CCB,Me
NK Brand	S30-M9X §	RRX	3.0	MR	CCB,Me
NK Brand	S33-D7X §	RRX	3.3	R	CCB,Me
NK Brand	S34-T2X	RRX	3.4	R	CCB,Me
NK Brand	S35-K9X	RRX	3.5	R	CCB,Me
Pioneer	P29A25X §	RRX	2.9	R	EE,G,IL,Lu
Pioneer	P31A22X §	RRX	3.1	R	EE,G
Renk	RS269X	RRX	2.6	S	EcTC
Renk	RS288NX	RRX	2.8	R	EcTC
Renk	RS309NSX	RRX,ST	3.0	R	EcTC
Renk	RS328NX	RRX	3.2	R	EcTC
Renk	RS348NX	RRX	3.4	R	EcTC
Renk	RS357NX	RRX	3.5	R	EcTC
Stine	24RH62 §	RR2Y	2.4	R	SF
Stine	28BA02 §	G27	2.8	R	None
Titan Pro	TP 28X47	RRX	2.8	MR	IL,PV
Titan Pro	TP 32X58	RRX	3.2	MR	IL,PV
Titan Pro	TP 34X86	RRX	3.4	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.