

# 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	<b>76.7</b>	12.9	51	160.0	\$592	1
Pioneer	P31A22X §	RRX	3.1	R	<b>76.6</b>	13.3	59	160.0	\$591	2
Asgrow	AG26X8 §	RRX	2.6	R	<b>75.6</b>	13.0	29	160.0	\$584	3
Renk	RS309NSX	RRX,ST	3.0	R	<b>75.6</b>	13.3	36	160.0	\$583	4
Kruger	K2X-3552	RRX	3.5	R	<b>75.2</b>	13.2	26	160.0	\$580	5
Kruger	K2X-3662	RRX	3.6	R	<b>74.5</b>	13.6	48	160.0	\$574	6
Pioneer	P29A25X §	RRX	2.9	R	<b>74.5</b>	13.7	54	160.0	\$574	7
Golden Harvest	GH3475X	RRX	3.4	R	<b>74.4</b>	13.4	26	160.0	\$574	8
NK Brand	S34-T2X	RRX	3.4	R	<b>74.2</b>	13.3	34	160.0	\$572	9
Golden Harvest	GH3546X	RRX	3.5	R	<b>73.9</b>	13.7	38	160.0	\$569	10
Asgrow	AG36X6 §	RRX	3.6	R	<b>73.5</b>	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 Prev. years avg. yield, 71.8 bu/a, 7 yrs

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**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.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/29/2018 Revised:



## 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.