

## 2017 Soybean Top 30 Harvest Report

Iowa South [ IASO ] OSKALOOSA

B.J. Boender, Mahaska County, IA 52577



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

PREV. CROP/HERB: Corn/Wheat / Roundup, atrazine  
 SOIL DESCRIPTION: Ladoga silt loam,  
 SOIL CONDITIONS: High P, low K, 7.7 pH, 2.3% OM, 17.0 CEC  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Roundup  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 16 170,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 24 165,000 /A

**All-Season Test**  
**Maturity Group 2.5 - 3.6**  
 S2017IASO52

### Top 30 of 75

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
FS HiSoy	HS 28X70	RRX	2.8	R	<b>56.4</b>	12.1	1	165.3	\$504	1
Champion	35X78N	RRX	3.5	R	<b>55.0</b>	13.5	1	161.3	\$491	2
Kruger	K2X-3552	RRX	3.5	R	<b>54.9</b>	13.4	1	169.3	\$490	3
Titan Pro	TP-34X86	RRX	3.4	R	<b>53.8</b>	13.3	1	161.3	\$481	4
Latham	L2749R2X	RRX	2.7	R	<b>53.8</b>	13.4	1	163.3	\$481	5
Golden Harvest	GH3195X §	RRX	3.1	R	<b>53.2</b>	12.9	1	171.3	\$476	6
Dairyland	DSR-3434/R2Y	RR2Y	3.4	MR	<b>53.2</b>	13.3	1	167.3	\$475	7
Four Star Seed	3X320	RRX	3.2	R	<b>52.5</b>	12.0	1	169.3	\$469	8
FS HiSoy	HS 34X60	RRX	3.4	R	<b>52.4</b>	13.4	1	167.3	\$468	9
LG Seeds	C3550RX	RRX	3.5	R	<b>52.3</b>	13.5	1	167.3	\$467	10
Latham	L2887R2X	RRX	2.8	R	<b>52.2</b>	12.3	1	157.3	\$467	11
FS HiSoy	HS 32X70	RRX	3.2	R	<b>52.2</b>	13.5	1	169.3	\$466	12
LG Seeds	C2888RX	RRX	2.8	R	50.4	12.5	1	161.3	\$451	13
Latham	L2959R2X	RRX	2.9	R	50.0	13.0	1	161.3	\$447	14
Golden Harvest	GH3546X	RRX	3.5	R	50.0	13.5	1	169.3	\$447	15
Renk	RS328NX	RRX	3.2	R	49.2	13.6	1	167.3	\$439	16
AgriGold	G3520RX	RRX	3.5	R	49.0	13.1	1	171.3	\$438	17
FS HiSoy	HS 29X70	RRX	2.9	R	48.8	13.4	1	163.3	\$436	18
AgriGold	G3410RX	RRX	3.4	R	48.4	12.9	1	171.3	\$433	19
Latham	L3184R2	RR2Y	3.1	R	48.4	13.0	1	163.3	\$433	20
Golden Harvest	GH3324X	RRX	3.3	R	48.2	13.6	1	167.3	\$430	21
Renk	RS357NX	RRX	3.5	R	48.1	13.0	1	155.3	\$430	22
AgriGold	G2900RX	RRX	2.9	R	47.8	12.5	1	165.3	\$427	23
Titan Pro	TP-35X17	RRX	3.5	MR	47.8	12.7	1	167.3	\$427	24
Renk	RS316NR2	RR2Y	3.1	R	47.3	13.2	1	167.3	\$423	25
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	47.2	13.0	1	169.3	\$422	26
Titan Pro	TP-30X77	RRX	3.0	MR	47.1	13.3	1	165.3	\$421	27
Pioneer	P33T19X §	RRX	3.3	R	46.9	13.0	1	167.3	\$419	28
LG Seeds	C3489RX	RRX	3.4	R	46.8	12.8	1	159.3	\$418	29
Champion	34R87N	RR2Y	3.4	R	46.6	12.3	1	165.3	\$417	30

Averages = **44.6** **13.0** **1** **165.0** **\$399**

LSD (0.10) = 6.4 0.6 ns

LSD (0.25) = 3.4 0.3 ns

C.V. = 13.8 Prev. years avg. yield, 65.4 bu/a, 13 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.94 GMO; \$8.94 non-GMO

**TEST COMMENTS:** *This plot was planted in a dense cover crop so the soil had plenty of moisture. The conditions turned dry. Plants very were short, 10 to 20 inches tall. Pod clusters were stacked tightly together so plants looked full of pods that contained medium sized seed. No weeds or diseases were observed. The site received rainfall a few days before harvest. Plants were well matured making harvest easy.*

† 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: 10/25/2017 Revised:

## 2017 Soybean - Iowa South [ IASO ]

### All-Season Test Products (75 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G2900RX	RRX	2.9	R	ASfi,IL	LG Seeds	C3489RX	RRX	3.4	R	ASfi,IL
AgriGold	G3094RX	RRX	3.0	R	ASfi,IL	LG Seeds	C3550RX	RRX	3.5	R	ASfi,IL
AgriGold	G3410RX	RRX	3.4	R	ASfi,IL	NK Brand	S30-V6 §	RR2Y	3.0	R	CCB,Me
AgriGold	G3520RX	RRX	3.5	R	ASfi,IL	NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me
AgriGold	G3690RX	RRX	3.6	R	ASfi,IL	Pfister	24R201	RR2Y	2.4	R	CCB
Asgrow	AG29X8 §	RRX	2.9	R	ACi	Pfister	26R207	RR2Y	2.6	R	CCB
Asgrow	AG33X8 §	RRX	3.3	R	ACi	Pfister	29R25	RR2Y	2.9	R	CCB
Asgrow	AG36X6 §	RRX	3.6	R	ACi	Pfister	30R25	RR2Y	3.0	R	CCB
Champion	29R06N	RR2Y	2.9	R	EL	Pfister	32R201	RR2Y	3.2	R	CCB
Champion	31X77N	RRX	3.1	R	EL	Pfister	33R206	RR2Y	3.3	R	CMBV
Champion	34R87N	RR2Y	3.4	R	ELV	Pfister	35R201	RR2Y	3.5	R	CCB
Champion	35X78N	RRX	3.5	R	ELV	Pioneer	P33T19X §	RRX	3.3	R	None
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	CMB	Prairie Brand	PB-2997R2	RR2Y	2.8	R	CMB
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB	Prairie Brand	PB-3186R2	RR2Y	3.1	R	CMB
Dairyland	DSR-3434/R2Y	RR2Y	3.4	MR	CMB	Prairie Brand	PB-3487R2	RR2Y	3.4	R	CMB
Dairyland	DSR-3555/R2Y	RR2Y	3.5	MR	CMB	Renk	RS268NX	RRX	2.6	R	AM,IL
Four Star Seed	3X271	RRX	2.7	R	None	Renk	RS288NX	RRX	2.8	R	AM,IL
Four Star Seed	3X300	RRX	3.0	R	ACi	Renk	RS316NR2	RR2Y	3.1	R	AM,IL
Four Star Seed	3X320	RRX	3.2	R	ACi	Renk	RS317NX	RRX	3.1	R	EcTC
FS HiSoy	HS 28X70	RRX	2.8	R	ACi, IL	Renk	RS328NX	RRX	3.2	R	AM,IL
FS HiSoy	HS 29X70	RRX	2.9	R	ACi, IL	Renk	RS348NX	RRX	3.4	R	AM,IL
FS HiSoy	HS 31X60	RRX	3.1	R	ACi, IL	Renk	RS357NX	RRX	3.5	R	EcTC
FS HiSoy	HS 32X70	RRX	3.2	R	ACi, IL	Stine	27RI02 §	RR2Y	2.7	R	SFI
FS HiSoy	HS 33X70	RRX	3.3	R	ACi, IL	Stine	28RH02 §	RR2Y	2.8	R	SFI
FS HiSoy	HS 34X60	RRX	3.4	R	ACi, IL	Stine	32RF02 §	RR2Y	3.2	R	SFI
FS HiSoy	HS 35X70	RRX	3.5	R	ACi, IL	Titan Pro	TP-28X47	RRX	2.8	MR	IS,IL
Golden Harvest	GH2981X	RRX	2.9	R	CCB,Me	Titan Pro	TP-30X77	RRX	3.0	MR	IS,IL
Golden Harvest	GH3195X §	RRX	3.1	R	CCB,Me	Titan Pro	TP-31X26	RRX	3.1	R	IS,IL
Golden Harvest	GH3324X	RRX	3.3	R	CCB,Me	Titan Pro	TP-34X86	RRX	3.4	R	IS,IL
Golden Harvest	GH3546X	RRX	3.5	R	CCB,Me	Titan Pro	TP-35X17	RRX	3.5	MR	IS,IL
Kruger	K2X-2863	RRX	2.8	R	ACi						
Kruger	K2X-3141	RRX	3.1	MR	ACi						
Kruger	K2X-3353	RRX	3.3	R	ACi						
Kruger	K2X-3552	RRX	3.5	R	ACi						
Kruger	K2X-3662	RRX	3.6	R	ACi						
Latham	L2749R2X	RRX	2.7	R	CCB,Me						
Latham	L2758R2	RR2Y	2.7	R	CCB,Me						
Latham	L2887R2X	RRX	2.8	R	CCB,Me						
Latham	L2959R2X	RRX	2.9	R	CCB,Me						
Latham	L3084R2X	RRX	3.0	R	CCB,Me						
Latham	L3184R2	RR2Y	3.1	R	CCB,Me						
Latham	L3278R2X	RRX	3.2	R	CCB,Me						
Latham	L3448R2X	RRX	3.4	R	CCB,Me						
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL						
LG Seeds	C3321R2	RR2Y	3.3	R	ASfi,IL						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer.
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

BG	Balance <sup>™</sup> GT
LL	LibertyLink <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
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 unavailable	Gr+	Great Start <sup>™</sup> Max Plus
A2020	Alert 2020 <sup>™</sup>	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego <sup>™</sup> Solo
AG	ArmourGuard <sup>™</sup>	IS	Intego <sup>™</sup> Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard <sup>™</sup>
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST <sup>™</sup> (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass <sup>™</sup> Plus F/I
CCB	Clariva <sup>™</sup> Complete Beans	None	untreated
CI	Clariva <sup>™</sup> pn	Pd	proTect D <sup>™</sup>
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I <sup>™</sup>
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard + <sup>™</sup>
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance <sup>™</sup> ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
DX	Defend <sup>™</sup> Extra	SDPI	Servo <sup>™</sup> DPI
EcTC	Eclipse <sup>™</sup> US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol <sup>™</sup> Energy	SS	Soyshield <sup>™</sup>
EL	Elevate <sup>™</sup> F+I	SS+	Soyshield Plus <sup>™</sup>
ELV	Elevate <sup>™</sup> VIP (F+I+N)	SStd	SureStand <sup>™</sup>
En	Encase <sup>®</sup>	TE	Trius Elite <sup>™</sup>
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat <sup>™</sup>
Es	Escalate <sup>™</sup>	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaicho <sup>®</sup>	YPP	YP Pro <sup>™</sup>

\* Seed treatments may include unspecified plant health promoting components.