

## 2017 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 / Roundup  
 SOIL DESCRIPTION: Judson silty clay loam,  
 SOIL CONDITIONS: Very high P, very high K, 5.9 pH, 3.2% OM, 15.4 CEC  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Roundup, 2,4-D, Zidua Pro, Select, Classic, Warrant Ultra  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 14 170,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 26 172,400 /A

**All-Season Test**  
**Maturity Group 2.5 - 3.6**  
 S2017IASO51

### 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
Latham	L3448R2X	RRX	3.4	R	<b>82.6</b>	11.5	2	173.2	\$738	1
Titan Pro	TP-35X17	RRX	3.5	MR	<b>81.7</b>	11.3	2	173.2	\$730	2
Titan Pro	TP-30X77	RRX	3.0	MR	<b>81.2</b>	11.6	22	169.3	\$726	3
Dairyland	DSR-3434/R2Y	RR2Y	3.4	MR	80.8	11.3	22	173.2	\$722	4
Latham	L2887R2X	RRX	2.8	R	80.7	10.9	6	173.2	\$721	5
AgriGold	G3690RX	RRX	3.6	R	80.0	10.9	3	173.2	\$715	6
Latham	L3084R2X	RRX	3.0	R	79.9	10.9	1	173.2	\$714	7
Titan Pro	TP-34X86	RRX	3.4	R	79.9	11.4	10	173.2	\$714	8
FS HiSoy	HS 35X70	RRX	3.5	R	79.3	11.5	2	173.2	\$709	9
FS HiSoy	HS 33X70	RRX	3.3	R	79.2	11.2	3	173.2	\$708	10
Kruger	K2X-3552	RRX	3.5	R	79.2	11.2	6	175.2	\$708	11
LG Seeds	C3489RX	RRX	3.4	R	78.9	11.2	2	173.2	\$705	12
Renk	RS357NX	RRX	3.5	R	78.7	11.4	4	173.2	\$704	13
Champion	35X78N	RRX	3.5	R	78.6	11.3	3	173.2	\$703	14
Pfister	30R25	RR2Y	3.0	R	78.5	10.9	3	171.3	\$702	15
Renk	RS348NX	RRX	3.4	R	78.5	11.2	5	173.2	\$702	16
Pfister	24R201	RR2Y	2.4	R	78.0	11.3	12	169.3	\$697	17
Renk	RS317NX	RRX	3.1	R	77.6	11.0	2	173.2	\$694	18
AgriGold	G3520RX	RRX	3.5	R	77.6	10.9	5	173.2	\$694	19
Golden Harvest	GH3195X §	RRX	3.1	R	77.5	10.7	1	171.3	\$693	20
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	77.5	11.2	25	173.2	\$693	21
Four Star Seed	3X271	RRX	2.7	R	77.3	11.0	3	169.3	\$691	22
Golden Harvest	GH3546X	RRX	3.5	R	77.3	11.2	13	173.2	\$691	23
Champion	34R87N	RR2Y	3.4	R	77.0	10.7	3	173.2	\$688	24
Kruger	K2X-2863	RRX	2.8	R	77.0	11.0	4	169.3	\$688	25
NK Brand	S30-V6 §	RR2Y	3.0	R	76.9	11.0	16	165.3	\$687	26
LG Seeds	C3550RX	RRX	3.5	R	76.7	11.3	3	173.2	\$686	27
Titan Pro	TP-31X26	RRX	3.1	R	76.1	10.9	1	173.2	\$680	28
AgriGold	G3094RX	RRX	3.0	R	76.1	10.9	1	173.2	\$680	29
Asgrow	AG33X8 §	RRX	3.3	R	75.9	10.9	3	175.2	\$679	30

Averages = **75.0** 11.1 7 **172.4** **\$670**

LSD (0.10) = 6.0 0.4 6.4

LSD (0.25) = 3.2 0.2 3.4

C.V. = 7.7 Prev. years avg. yield, 69.2 bu/a, 6 yrs

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

**TEST COMMENTS:** *Planting conditions were very good. Seedling emergence was outstanding. Plants were 45 inches in height or better which resulted in some lodging issues. Plants were well dried down at harvest. Mark and Keith, our host farmers, both commented that yields have been good this season, despite seeing some aborted seeds in pods. Medium sized seed is was typical 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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Report Date: 10/28/2017 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™ 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™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard™
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard +™
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase <sup>®</sup>	TE	Trius Elite™
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaicho <sup>®</sup>	YPP	YP Pro™

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