

2018 Soybean Top 30 Harvest Report

Iowa South [IASO] WINTERSET

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

PREV. CROP/HERB: Corn / Bicep II Magnum, Realm Q
 SOIL DESCRIPTION: Sharpsburg silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Medium P, medium K, 5.8 pH, 3.6% OM, 19.5 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: glyphosate, Zidua Pro, Headline
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 10 160,000 /A 15" Spacing
 HARVESTED - STAND: Oct 24 158,200 /A

All-Season Test
Maturity Group 2.5 - 3.6
 S2018IASO54

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
Pioneer	P29A25X §	RRX	2.9	R	69.9	10.6	1	158.4	\$540	1
LG Seeds	C2888RX	RRX	2.8	R	68.8	10.6	1	158.4	\$531	2
Kruger	K2X-2863	RRX	2.8	R	67.2	11.2	1	158.4	\$519	3
Champion	30XS39N	RRX,ST	3.0	R	67.0	11.0	1	156.3	\$517	4
LG Seeds	C3550RX	RRX	3.5	R	66.9	10.6	2	158.4	\$516	5
FS HiSoy	HS 29X80	RRX,ST	2.9	R	66.7	10.7	1	158.4	\$515	6
Kruger	K2X-2573	RRX	2.5	R	66.4	10.7	1	158.4	\$513	7
Latham	L2549R2X	RRX	2.5	R	66.3	10.5	1	158.4	\$512	8
NK Brand	S34-T2X	RRX	3.4	R	66.0	10.7	1	158.4	\$510	9
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	65.9	10.5	2	158.4	\$509	10
FS HiSoy	HS 34X60	RRX	3.4	R	65.7	10.7	1	158.4	\$507	11
LG Seeds	C3333RX §	RRX	3.3	R	65.2	10.8	1	157.9	\$503	12
Champion	36X38N	RRX	3.6	R	65.1	10.8	1	158.4	\$503	13
Kruger	K2X-3552	RRX	3.5	R	65.0	10.6	1	158.4	\$502	14
Latham	L3197R2X	RRX	3.1	R	64.9	10.6	1	157.9	\$501	15
Golden Harvest	GH3088X	RRX	3.0	MR	64.8	10.4	1	158.4	\$500	16
Renk	RS288NX	RRX	2.8	R	64.7	11.1	4	158.4	\$499	17
Titan Pro	TP 34X86	RRX	3.4	MR	64.6	10.6	1	158.4	\$499	18
Kruger	K2X-3353	RRX	3.3	R	64.2	10.4	1	158.4	\$496	19
NK Brand	S30-M9X §	RRX	3.0	MR	63.4	10.6	9	158.4	\$489	20
Latham	L3448R2X	RRX	3.4	R	63.3	10.8	1	158.4	\$489	21
Kruger	K2X-2652	RRX	2.6	R	63.3	10.4	4	158.4	\$489	22
Latham	L2887R2X	RRX	2.8	R	63.0	10.4	1	158.4	\$486	23
Latham	E2895R2X	RRX	2.8	R	63.0	10.6	2	158.4	\$486	24
Golden Harvest	GH2788X	RRX	2.7	R	62.9	10.7	1	158.4	\$486	25
Kruger	K2X-2971	RRX	2.9	R	62.6	10.4	2	157.9	\$483	26
NK Brand	S33-D7X §	RRX	3.3	R	62.2	10.2	1	157.9	\$480	27
Titan Pro	TP 32X58	RRX	3.2	MR	62.2	10.3	2	158.4	\$480	28
Golden Harvest	GH3546X	RRX	3.5	R	62.0	10.5	1	158.4	\$479	29
Latham	L2982GT27	G27	2.9	R	62.0	10.6	1	158.4	\$479	30

Averages = **61.4** **10.6** **2** **158.2** **\$474**

LSD (0.10) = 4.5 ns ns

LSD (0.25) = 2.4 ns ns

C.V. = 7.0 Prev. years avg. yield, 68.6 bu/a, 14 yrs

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

TEST COMMENTS: *Planting conditions were very good. Seedling emergence was good. At harvest, plants stood 32 to 41 inches tall with minimal lodging. Clusters of small pods spaced wide apart was normal. Soybean seeds were small and of low quality, white moldy, purple spotted and aborted seeds were observed. The plot looked lower yielding, fewer and smaller pods, than the surrounding field.*

† 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: 10/25/2018 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.