

2018 Soybean Top 30 Harvest Report

Iowa South [IASO] CAMBRIA
Dan Allred, Wayne County, IA 50060



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

PREV. CROP/HERB: Corn / Dual II Magnum, atrazine, Callisto
SOIL DESCRIPTION: Seymour silt loam, well drained, non-irrigated
SOIL CONDITIONS: Medium P, medium K, 6.6 pH, 4.1% OM, 18.5 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: glyphosate, Sonic, Fomesafen, Dual, Clethodim
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 9 160,000 /A 15" Spacing
HARVESTED - STAND: Oct 23 158,200 /A

All-Season Test
Maturity Group 2.5 - 3.6
S2018IASO52

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
Kruger	K2X-3552	RRX	3.5	R	78.3	10.1	1	158.4	\$593	1
Golden Harvest	GH3324X	RRX	3.3	R	76.0	9.9	1	158.4	\$575	2
Asgrow	AG36X6 §	RRX	3.6	R	75.7	10.2	1	157.9	\$573	3
Latham	E2895R2X	RRX	2.8	R	75.4	10.0	18	158.4	\$571	4
Dairyland	DSR-3555/R2Y	RR2Y	3.5	MR	75.0	10.1	1	158.4	\$568	5
Pioneer	P29A25X §	RRX	2.9	R	74.9	10.1	1	158.4	\$567	6
Champion	30XS39N	RRX,ST	3.0	R	74.3	10.1	1	158.4	\$562	7
Kruger	K2X-3353	RRX	3.3	R	74.0	10.2	1	158.4	\$560	8
Champion	34X97N	RRX	3.4	R	73.9	10.4	1	158.4	\$559	9
Kruger	K2X-3662	RRX	3.6	R	73.6	10.3	1	158.4	\$557	10
LG Seeds	C3550RX	RRX	3.5	R	73.4	10.2	1	158.4	\$556	11
Pioneer	P31A22X §	RRX	3.1	R	73.3	10.0	4	158.4	\$555	12
Champion	36X38N	RRX	3.6	R	72.1	10.5	1	158.4	\$546	13
Latham	L3448R2X	RRX	3.4	R	72.0	10.3	1	158.4	\$545	14
Kruger	K2X-2971	RRX	2.9	R	71.8	9.8	1	158.4	\$544	15
Golden Harvest	GH3546X	RRX	3.5	R	71.8	10.2	1	158.4	\$544	16
Titan Pro	TP 34X86	RRX	3.4	MR	71.7	10.0	1	157.9	\$543	17
Titan Pro	TP 32X58	RRX	3.2	MR	71.7	10.4	1	157.3	\$543	18
NK Brand	S35-K9X	RRX	3.5	R	70.9	10.0	1	158.4	\$537	19
Champion	35X78N	RRX	3.5	R	70.9	10.3	1	158.4	\$537	20
Golden Harvest	GH3088X	RRX	3.0	MR	70.7	10.1	1	158.4	\$535	21
FS HiSoy	HS 32X80	RRX	3.2	R	69.8	10.2	1	158.4	\$528	22
FS HiSoy	HS 30X80	RRX	3.0	R	69.3	10.0	1	158.4	\$525	23
Champion	32X89N	RRX	3.2	R	69.3	10.2	1	158.4	\$525	24
LG Seeds	LGS3411RX	RRX	3.4	R	69.0	10.4	1	158.4	\$522	25
Asgrow	AG33X8 §	RRX	3.3	R	68.8	10.3	1	158.4	\$521	26
FS HiSoy	HS 33X80	RRX	3.3	R	68.3	10.1	1	158.4	\$517	27
Renk	RS348NX	RRX	3.4	R	68.2	10.2	1	158.4	\$516	28
Latham	L2887R2X	RRX	2.8	R	68.1	9.9	1	158.4	\$516	29
Golden Harvest	GH3475X	RRX	3.4	R	68.0	10.1	1	158.4	\$515	30

Averages = **67.5** **10.0** **2** **158.2** **\$511**

LSD (0.10) = 5.3 0.3 3.8

LSD (0.25) = 2.8 0.1 2.0

C.V. = 7.5

New test site, no yield history

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$7.57 GMO; \$7.57 non-GMO

TEST COMMENTS: *This plot was no-till planted into a rye cover crop with ample soil moisture. Plant stand counts were variable. At harvest everything looked very good. Plants ranged from 30 to 45" tall. Some seed disease/damage was noted on a few varieties. Very wet conditions before harvest seed to sprout in some pods and some pods to split. Yields were very good considering the area drought conditions.*

† 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:

2018 Soybean - Iowa South [IASO]

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG26X8 §	RRX	2.6	R	AC,PV	NK Brand	S27-M8X §	RRX	2.7	R	CCB,Me
Asgrow	AG33X8 §	RRX	3.3	R	AC,PV	NK Brand	S30-M9X §	RRX	3.0	MR	CCB,Me
Asgrow	AG36X6 §	RRX	3.6	R	AC,PV	NK Brand	S33-D7X §	RRX	3.3	R	CCB,Me
Champion	28X78N	RRX	2.8	R	EL,IL	NK Brand	S34-T2X	RRX	3.4	R	CCB,Me
Champion	30XS39N	RRX,ST	3.0	R	EL	NK Brand	S35-K9X	RRX	3.5	R	CCB,Me
Champion	32X89N	RRX	3.2	R	EL	Pioneer	P29A25X §	RRX	2.9	R	EE,G,IL,Lu
Champion	34X97N	RRX	3.4	R	EL	Pioneer	P31A22X §	RRX	3.1	R	EE,G
Champion	35X78N	RRX	3.5	R	EL	Renk	RS269X	RRX	2.6	S	EcTC
Champion	36X38N	RRX	3.6	R	EL	Renk	RS288NX	RRX	2.8	R	EcTC
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	CMB	Renk	RS309NSX	RRX,ST	3.0	R	EcTC
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB	Renk	RS328NX	RRX	3.2	R	EcTC
Dairyland	DSR-3555/R2Y	RR2Y	3.5	MR	CMB	Renk	RS348NX	RRX	3.4	R	EcTC
FS HiSoy	HS 28X70	RRX	2.8	R	ACi,IL	Renk	RS357NX	RRX	3.5	R	EcTC
FS HiSoy	HS 29X80	RRX,ST	2.9	R	ACi,IL	Stine	24RH62 §	RR2Y	2.4	R	SF
FS HiSoy	HS 30X80	RRX	3.0	R	ACi,IL	Stine	28BA02 §	G27	2.8	R	None
FS HiSoy	HS 31X60	RRX	3.1	R	ACi,IL	Titan Pro	TP 28X47	RRX	2.8	MR	IL,PV
FS HiSoy	HS 32X80	RRX	3.2	R	ACi,IL	Titan Pro	TP 32X58	RRX	3.2	MR	IL,PV
FS HiSoy	HS 33X80	RRX	3.3	R	ACi,IL	Titan Pro	TP 34X86	RRX	3.4	MR	IL,PV
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						

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.