

2018 Soybean Top 30 Harvest Report

Iowa South Central [IASC] VICTOR

Dan DeRycke, Poweshiek County, IA 52347



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

PREV. CROP/HERB: Corn / Acuron
 SOIL DESCRIPTION: Ackmore silt loam, well drained, non-irrigated
 SOIL CONDITIONS: Very high P, medium K, 7.0 pH, 2.9% OM, 15.1 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Verdict, Outlook, 2,4-D, Flexstar, Select
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 9 160,000 /A 15" Spacing
 HARVESTED - STAND: Oct 21 158,200 /A

Early-Season Test
Maturity Group 2.3 - 2.7
 S2018IASC43a

Top 30 of 45

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
Golden Harvest	GH2788X	RRX	2.7	R	85.5	11.6	1	158.4	\$647	1
Asgrow	AG26X8 §	RRX	2.6	R	84.8	12.0	31	158.4	\$642	2
Latham	L2464R2X	RRX	2.4	R	84.1	11.9	38	158.4	\$637	3
NK Brand	S27-M8X §	RRX	2.7	R	82.6	11.8	1	158.4	\$625	4
Champion	24X98N	RRX	2.4	R	81.0	12.2	43	158.4	\$613	5
Kruger	K2X-2573	RRX	2.5	R	80.6	12.0	52	157.9	\$610	6
Legend	LS 27R524N	RR2Y	2.7	MR	78.6	11.9	70	158.4	\$595	7
Pfister	24R201	RR2Y	2.4	R	77.5	11.9	49	158.4	\$587	8
FS HiSoy	HS 24X80	RRX	2.4	R	77.4	11.6	2	158.4	\$586	9
Titan Pro	TP 24X87	RRX	2.4	MR	77.1	12.4	36	158.4	\$584	10
Champion	26X09N	RRX	2.6	MR	76.5	11.7	22	158.4	\$579	11
Hefty	H25X9	RRX	2.5	MR	75.8	11.8	30	158.4	\$574	12
Kruger	K2X-2652	RRX	2.6	R	73.9	12.0	21	157.9	\$559	13
Cornelius	CB27X81	RRX	2.7	R	73.0	12.1	4	158.4	\$553	14
LG Seeds	LGS2759RX	RRX	2.7	R	72.6	11.9	1	158.4	\$550	15
LG Seeds	LGS2680RX	RRX	2.6	S	72.2	11.7	36	158.4	\$547	16
Legend	LS 24X842N	RRX	2.4	MR	71.8	12.1	33	158.4	\$544	17
Cornelius	CB24R82	RR2Y	2.4	R	71.5	12.0	49	157.9	\$541	18
Cornelius	CB24X64	RRX	2.4	R	71.2	12.4	39	158.4	\$539	20
LG Seeds	LGS2444RX	RRX	2.4	R	71.0	11.7	2	157.3	\$537	21
Golden Harvest	GH2230X §	RRX	2.2	R	70.8	11.1	5	157.9	\$536	22
Hefty	H24X8	RRX	2.4	MR	70.8	12.1	15	158.4	\$536	23
Cornelius	CB26X67	RRX	2.6	S	70.8	11.7	28	158.4	\$536	24
Latham	E2647R2X	RRX	2.6	S	70.7	11.5	39	158.4	\$535	25
Stine	28BA02 §	G27	2.8	R	70.2	12.2	22	158.4	\$531	26
Hefty	H23X9	RRX	2.3	MR	70.0	12.0	28	157.9	\$530	27
Kruger	K2X-2442	RRX	2.4	R	68.5	12.2	70	158.4	\$519	28
FS HiSoy	HS 25X70	RRX	2.5	R	67.8	12.0	15	158.4	\$513	29
Latham	L2549R2X	RRX	2.5	R	67.3	11.6	22	158.4	\$509	30
Legend	LS 25X924N	RRX	2.5	MR	65.9	11.9	15	158.4	\$499	31
Pioneer	P25A27X CK	RRX	2.5	R	71.2	11.6	17	158.4	\$539	19

Averages = **70.0** **11.8** **26** **158.2** **\$530**

LSD (0.10) = 5.5 0.3 18.4

LSD (0.25) = 2.9 0.1 9.7

C.V. = 7.5

Prev. years avg. yield, 68.7 bu/a, 6 yrs

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

TEST COMMENTS: *Planting conditions were very good. Plants grew to about 47 inches tall. A late season wind storm caused some varieties to lodge. Early maturing varieties had nice close pod sets with medium seed size. Later maturities had longer internodes and pods contained smaller seeds. Grain of certain varieties had a damaged, white moldy appearance. The DeRycke's are somewhat disappointed by bean yields.*

† 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: 10/23/2018 Revised:

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TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Verdict, Outlook, 2,4-D, Flexstar, Select
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 9 160,000 /A 15" Spacing
HARVESTED - STAND: Oct 21 158,200 /A

Full-Season Test
Maturity Group 2.8 - 3.2
S2018IASC43b

Top 30 of 45

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 30X80	RRX	3.0	R	75.7	11.5	14	157.9	\$573	1
Titan Pro	TP 32X58	RRX	3.2	MR	74.9	11.5	4	158.4	\$567	2
Golden Harvest	GH2981X	RRX	2.9	R	74.0	11.6	12	158.4	\$560	3
Pioneer	P33A53X §	RRX	3.3	R	74.0	11.5	16	157.9	\$560	4
Pioneer	P29A25X §	RRX	2.9	R	73.3	11.6	31	157.9	\$555	5
Latham	L2887R2X	RRX	2.8	R	72.1	11.2	6	158.4	\$546	6
LG Seeds	C2888RX	RRX	2.8	R	71.4	11.2	6	158.4	\$540	7
Hefty	H28X8	RRX	2.8	MR	69.8	11.4	6	157.9	\$528	8
Cornelius	CB31X25	RRX	3.1	R	69.7	11.6	6	158.4	\$528	9
LG Seeds	C3026RX	RRX	3.0	R	69.7	11.6	50	158.4	\$528	10
NK Brand	S30-M9X	RRX	3.0	MR	69.6	11.1	54	158.4	\$527	11
NK Brand	S31-Y2X	RRX	3.1	R	68.4	11.1	9	157.9	\$518	13
Golden Harvest	GH3088X	RRX	3.0	MR	68.4	11.6	45	158.4	\$518	14
Titan Pro	TP 28X47	RRX	2.8	MR	67.9	11.0	10	157.9	\$514	15
LG Seeds	LGS3297RX	RRX	3.2	R	67.5	11.4	5	158.4	\$511	16
Kruger	K2X-2971	RRX	2.9	R	67.5	11.2	46	158.4	\$511	17
FS HiSoy	HS 28X70	RRX	2.8	R	66.4	11.4	7	158.4	\$503	18
FS HiSoy	HS 32X80	RRX	3.2	R	66.1	11.5	6	158.4	\$500	19
Kruger	K2X-2863	RRX	2.8	R	65.9	11.2	3	158.4	\$499	20
Latham	E2895R2X	RRX	2.8	R	65.8	11.4	70	158.4	\$498	21
Legend	LS 29X952N	RRX	2.9	MR	65.3	10.9	14	158.4	\$494	22
FS HiSoy	HS 29X80	RRX,ST	2.9	R	65.0	11.6	10	158.4	\$492	23
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	64.7	11.3	54	158.4	\$490	24
Pioneer	P31A22X §	RRX	3.1	R	64.6	11.5	59	157.9	\$489	25
LG Seeds	LGS3140RX	RRX	3.1	R	64.0	11.5	10	157.9	\$484	26
Cornelius	CB29X90	RRX	2.9	R	63.4	11.3	9	157.9	\$480	27
Legend	LS 28X840N	RRX	2.8	MR	63.4	11.0	14	157.9	\$480	28
Champion	30XS39N	RRX,ST	3.0	R	62.7	11.6	8	158.4	\$475	29
Champion	28X78N	RRX	2.8	R	62.6	11.3	7	158.4	\$474	30
Hefty	H29X8	RRX	2.9	MR	62.5	11.2	7	157.9	\$473	31
Pioneer	P25A27X CK	RRX	2.5	R	68.9	11.3	59	157.9	\$522	12

Averages = **64.9** **11.4** **24** **158.2** **\$491**

LSD (0.10) = 3.7 0.3 14.2

LSD (0.25) = 1.9 0.2 7.4

C.V. = 5.4 Prev. years avg. yield, 68.7 bu/a, 6 yrs

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

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Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG32X8 §	RRX	3.2	R	AC,PV						
Champion	28X78N	RRX	2.8	R	EL,IL						
Champion	30XS39N	RRX,ST	3.0	R	EL						
Champion	32X89N	RRX	3.2	R	EL						
Cornelius	CB28R58	RR2Y	2.8	R	PG+						
Cornelius	CB29X90	RRX	2.9	R	PG+						
Cornelius	CB31X25	RRX	3.1	R	PG+						
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB						
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	CMB						
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB						
FS HiSoy	HS 28X70	RRX	2.8	R	ACi,IL						
FS HiSoy	HS 29X80	RRX,ST	2.9	R	ACi,IL						
FS HiSoy	HS 30X80	RRX	3.0	R	ACi,IL						
FS HiSoy	HS 32X80	RRX	3.2	R	ACi,IL						
Golden Harvest	GH2981X	RRX	2.9	R	CCB,Me						
Golden Harvest	GH3088X	RRX	3.0	MR	CCB,Me						
Hefty	H28X8	RRX	2.8	MR	DST						
Hefty	H29X8	RRX	2.9	MR	DST						
Hefty	H31X9	RRX	3.1	MR	DST						
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						
Latham	E2895R2X	RRX	2.8	R	SS+						
Latham	L2887R2X	RRX	2.8	R	SS+						
Latham	L2982GT27	G27	2.9	R	SS+						
Latham	L3197R2X	RRX	3.1	R	SS+						
Legend	LS 28X840N	RRX	2.8	MR	YPP						
Legend	LS 29X952N	RRX	2.9	MR	YPP						
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL						
LG Seeds	C3026RX	RRX	3.0	R	ASfi,IL						
LG Seeds	LGS3140RX	RRX	3.1	R	ASfi,IL						
LG Seeds	LGS3297RX	RRX	3.2	R	ASfi,IL						
NK Brand	S30-M9X	RRX	3.0	MR	CCB,Me						
NK Brand	S31-Y2X	RRX	3.1	R	CCB,Me						
Pfister	32R201 §	RR2Y	3.2	R	CCB						
Pioneer	P25A27X CK	RRX	2.5	R	EE,G,IL,Lu						
Pioneer	P28T71X §	RRX	2.8	R	EE,G						
Pioneer	P29A25X §	RRX	2.9	R	EE,G,IL,Lu						
Pioneer	P31A22X §	RRX	3.1	R	EE,G						
Pioneer	P33A53X §	RRX	3.3	R	EE,G						
Renk	RS288NX	RRX	2.8	R	EcTC						
Renk	RS309NSX	RRX,ST	3.0	R	EcTC						
Renk	RS328NX	RRX	3.2	R	EcTC						
Titan Pro	TP 28X47	RRX	2.8	MR	IL,PV						
Titan Pro	TP 32X58	RRX	3.2	MR	IL,PV						

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.