

2018 Soybean Top 30 Harvest Report

Iowa North Central [IANC] MOORLAND

Jeff Loehr, Webster County, IA 50566



Test by: North Iowa F.I.R.S.T., Inc, Sanborn, IA

PREV. CROP/HERB: Corn / Staunch II, Impact, atrazine, Affiance
 SOIL DESCRIPTION: Webster-Nicollet clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Very high P, medium K, 6.7 pH, 4.7% OM, 22.3 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Zidua Pro, Delaro, Leverage 360
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 23 142,000 /A 30" Spacing
 HARVESTED - STAND: Oct 24 132,100 /A

Early-Season Test
Maturity Group 2.1 - 2.5
 S2018IANC02a

Top 30 of 60

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
Champion	24X98N	RRX	2.4	R	82.3	11.4	5	137.0	\$658	1
FS HiSoy	HS 24X80	RRX	2.4	R	76.6	11.2	1	133.8	\$613	2
Renk	RS248NX	RRX	2.4	R	76.4	11.3	1	138.2	\$611	3
Latham	L2549R2X	RRX	2.5	R	75.9	11.2	2	128.7	\$607	4
Titan Pro	TP 24X87	RRX	2.4	MR	75.7	11.3	1	135.2	\$606	5
Hefty	H24X8	RRX	2.4	MR	75.1	11.4	7	134.4	\$601	6
Cornelius	CB22R88	RR2Y	2.2	R	74.7	11.3	1	129.7	\$598	7
Stine	21RI32 §	RR2Y	2.1	R	74.1	11.3	1	137.4	\$593	8
LG Seeds	LGS2444RX	RRX	2.4	R	73.9	11.2	2	129.1	\$591	9
Viking	2155N	None	2.1	MR	73.8	11.4	4	134.0	\$590	10
Golden Harvest	GH2230X	RRX	2.2	R	73.6	11.2	1	133.8	\$589	11
Stine	24RH62 §	RR2Y	2.4	R	73.3	11.3	3	134.1	\$586	12
Cornelius	CB24X64	RRX	2.4	R	73.3	11.4	17	130.6	\$586	13
LG Seeds	C2126RX	RRX	2.1	R	72.8	11.3	6	137.1	\$582	14
Asgrow	AG23X8 §	RRX	2.3	R	72.5	11.3	2	136.8	\$580	16
Hoegemeyer	LL2221N	LL	2.2	R	72.2	11.3	1	135.7	\$578	17
Latham	L2295R2X	RRX	2.2	R	71.8	11.3	4	138.4	\$574	18
LG Seeds	LGS2239RX	RRX	2.2	R	71.5	11.2	12	129.1	\$572	19
Legend	LS 24X842N	RRX	2.4	MR	71.2	11.3	2	131.3	\$570	20
Latham	L2464R2X	RRX	2.4	R	70.6	11.3	1	131.7	\$565	21
Credenz	CZ2408LL	LL	2.4	R	70.3	11.3	1	131.9	\$562	22
Latham	L2228R2	RR2Y	2.2	R	69.8	11.3	1	132.2	\$558	23
Pfister	20R23	RR2Y	2.0	R	69.8	11.3	4	134.0	\$558	24
Hefty	H21X9	RRX	2.1	MR	69.6	11.3	1	138.7	\$557	25
FS HiSoy	HS 25X70	RRX	2.5	R	69.3	11.3	1	127.0	\$554	26
Kruger	K2X-2442	RRX	2.4	R	69.1	11.2	9	132.4	\$553	27
Champion	22X09N	RRX	2.2	R	68.9	11.3	1	131.4	\$551	28
FS HiSoy	HS 23X70	RRX	2.3	R	68.7	11.2	1	128.1	\$550	29
Champion	21X77N	RRX	2.1	R	68.7	11.2	3	133.2	\$550	30
Kruger	K2X-2261	RRX	2.2	R	68.6	11.3	1	124.8	\$549	31
Croplan	R2C2450 CK	RR2Y	2.4	R	72.7	11.2	1	131.3	\$582	15

Corey Rozenboom

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Averages = **68.8** **11.3** **5** **132.1** **\$550**
 LSD (0.10) = 3.0 0.1 9.1
 LSD (0.25) = 1.6 0.0 4.8
 C.V. = 4.2

Prev. years avg. yield, 51.4 bu/a, 6 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

TEST COMMENTS: *High-end soybean yields have been a challenge in this area over the past several years, however, conditions this season came together well for a really nice crop. Even with late May planting dates in the area, uniform stands and excellent plant health kept yield potential high through maturity. Showers were consistent; excessive at times. Total precip from May thru Sept was 11.8" over 30-yr ave.*

† 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: 10/28/2018 Revised:

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TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Zidua Pro, Delaro, Leverage 360
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 23 142,000 /A 30" Spacing
HARVESTED - STAND: Oct 24 132,200 /A

Full-Season Test
Maturity Group 2.6 - 2.9
S2018IANC02b

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
Titan Pro	TP 28X47	RRX	2.8	MR	75.3	11.1	1	135.8	\$602	1
Kruger	K2X-2652	RRX	2.6	R	74.9	11.1	6	135.1	\$599	2
Golden Harvest	GH2788X §	RRX	2.7	R	70.7	11.2	1	132.7	\$566	4
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	70.2	11.1	1	132.5	\$562	5
Becks	2559X2 GC	RRX	2.5	R	70.0	11.2	1	137.0	\$560	6
Latham	L2638GT27	G27	2.6	R	69.7	11.2	1	137.9	\$558	7
Latham	L2682R2X	RRX	2.6	R	69.6	11.2	1	131.4	\$557	8
Cornelius	CB27X81	RRX	2.7	R	68.6	11.0	1	129.7	\$549	9
Credenz	CZ2601LL	LL	2.6	R	67.8	11.2	1	137.7	\$542	10
Cornelius	CB28R58	RR2Y	2.8	R	67.7	11.2	1	136.8	\$542	11
Champion	26X09N	RRX	2.6	MR	67.7	11.1	4	130.2	\$542	12
Legend	LS 28X840N	RRX	2.8	MR	67.6	11.1	2	128.7	\$541	13
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	67.2	11.2	1	140.1	\$538	14
Hoegemeyer	LL2579N	LL	2.5	R	67.1	11.2	1	130.3	\$537	15
Pioneer	P27T59R §	RR	2.7	R	67.1	11.2	1	133.8	\$537	16
Champion	26L16N	LL	2.6	R	67.1	11.3	1	128.0	\$537	17
Stine	27RI02 §	RR2Y	2.7	R	66.8	11.2	4	131.0	\$534	18
Kruger	K2X-2863	RRX	2.8	R	66.6	11.1	1	134.3	\$533	19
Champion	28X78N	RRX	2.8	R	66.4	11.0	2	129.2	\$531	20
Latham	L2982GT27	G27	2.9	R	65.9	11.3	4	132.2	\$527	21
Pioneer	P28T08R §	RR	2.8	R	65.4	11.2	4	132.4	\$523	22
Hefty	H28X8	RRX	2.8	MR	65.3	11.1	1	135.8	\$522	23
Titan Pro	TP 26X37	RRX	2.6	MR	65.3	11.2	1	137.4	\$522	24
FS HiSoy	HS 27X80	RRX	2.7	R	65.1	11.2	1	125.1	\$521	25
FS HiSoy	HS 28X70	RRX	2.8	R	64.9	11.1	4	122.9	\$519	26
LG Seeds	LGS2759RX	RRX	2.7	R	64.8	11.1	1	129.4	\$518	27
Kruger	K2X-2971	RRX	2.9	R	64.4	11.2	1	131.3	\$515	28
Legend	LS 27R524N	RR2Y	2.7	MR	63.8	11.1	1	131.4	\$510	29
Cornelius	CB26X67	RRX	2.6	S	63.7	10.9	10	127.8	\$510	30
NK Brand	S29-K3X	RRX	2.9	R	63.1	11.3	9	135.2	\$505	31
Croplan	R2C2450 CK	RR2Y	2.4	R	71.3	11.2	1	134.1	\$570	3

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Averages = **65.1** **11.2** **2** **132.2** **\$521**
LSD (0.10) = 2.8 0.1 ns
LSD (0.25) = 1.5 0.1 ns
C.V. = 4.0

Prev. years avg. yield, 51.4 bu/a, 6 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

TEST COMMENTS: *High-end soybean yields have been a challenge in this area over the past several years, however, conditions this season came together well for a really nice crop. Even with late May planting dates in the area, uniform stands and excellent plant health kept yield potential high through maturity. Showers were consistent; excessive at times. Total precip from May thru Sept was 11.8" over 30-yr ave.*

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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	AG26X8 §	RRX	2.6	R	AC,PV						
Becks	2559X2 GC	RRX	2.5	R	Es						
Champion	26L16N	LL	2.6	R	EL						
Champion	26X09N	RRX	2.6	MR	EL						
Champion	28X78N	RRX	2.8	R	EL,IL						
Cornelius	CB26X67	RRX	2.6	S	PG+						
Cornelius	CB27X81	RRX	2.7	R	PG+						
Cornelius	CB28R58	RR2Y	2.8	R	PG+						
Cornelius	CB29X90	RRX	2.9	R	PG+						
Credenz	CZ2601LL	LL	2.6	R	EE,PV,IL						
Credenz	CZ2928LL	LL	2.9	R	EE,PV,IL						
Croplan	R2C2450 CK	RR2Y	2.4	R	None						
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	CMB						
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB						
FS HiSoy	HS 27X80	RRX	2.7	R	ACi,IL						
FS HiSoy	HS 28X70	RRX	2.8	R	ACi,IL						
FS HiSoy	HS 29X80	RRX,ST	2.9	R	ACi,IL						
Golden Harvest	GH2788X §	RRX	2.7	R	CCB,Me						
Golden Harvest	GH2981X §	RRX	2.9	R	CCB,Me						
Hefty	H28X8	RRX	2.8	MR	DST						
Hefty	H29X8	RRX	2.9	MR	DST						
Hoegemeyer	LL2579N	LL	2.5	R	CMB						
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						
Latham	L2638GT27	G27	2.6	R	SS+						
Latham	L2682R2X	RRX	2.6	R	SS+						
Latham	L2887R2X	RRX	2.8	R	SS+						
Latham	L2982GT27	G27	2.9	R	SS+						
Legend	LS 27R524N	RR2Y	2.7	MR	YPP						
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	LGS2680RX	RRX	2.6	S	ASfi,IL						
LG Seeds	LGS2759RX	RRX	2.7	R	ASfi,IL						
NK Brand	S27-M8X	RRX	2.7	R	CCB,Me						
NK Brand	S29-K3X	RRX	2.9	R	CCB,Me						
Pioneer	P27T59R §	RR	2.7	R	None						
Pioneer	P28T08R §	RR	2.8	R	EE,G,IL,Lu						
Pioneer	P28T71X §	RRX	2.8	R	None						
Renk	RS269X	RRX	2.6	S	EcTC						
Renk	RS288NX	RRX	2.8	R	EcTC						
Stine	27RI02 §	RR2Y	2.7	R	None						
Titan Pro	TP 26X37	RRX	2.6	MR	None						
Titan Pro	TP 28X47	RRX	2.8	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.