

# 2018 Soybean Top 30 Harvest Report

Iowa North Central [ IANC ] LAURENS  
Dale Roewe, Pocahontas County, IA 50554



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

PREV. CROP/HERB: Corn / Halex GT, atrazine  
SOIL DESCRIPTION: Clarion-Nicollet loam, moderately drained, non-irrigated  
SOIL CONDITIONS: Very high P, high K, 6.3 pH, 4.8% OM, 23.2 CEC  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Metolachlor, Warrant Ultra, Clethodim  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: May 31 151,000 /A 30" Spacing  
HARVESTED - STAND: Oct 22 144,600 /A

**Early-Season Test**  
**Maturity Group 2.1 - 2.5**  
S2018IANC01a

## 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
Renk	RS248NX	RRX	2.4	R	<b>71.4</b>	11.9	2	148.8	\$571	1
<b>Cornelius</b>	<b>CB24X64</b>	<b>RRX</b>	<b>2.4</b>	<b>R</b>	<b>70.8</b>	<b>12.5</b>	<b>4</b>	<b>146.5</b>	<b>\$566</b>	<b>2</b>
Champion	21X77N	RRX	2.1	R	<b>70.5</b>	11.8	1	148.7	\$564	3
Hoegemeyer	LL2221N	LL	2.2	R	<b>70.5</b>	11.8	4	146.3	\$564	4
Hefty	H24X8	RRX	2.4	MR	<b>70.2</b>	11.9	2	148.8	\$562	5
Titan Pro	TP 21L15	LL	2.1	MR	<b>69.2</b>	11.9	1	144.5	\$554	6
Titan Pro	TP 24X87	RRX	2.4	MR	<b>68.6</b>	12.4	1	145.1	\$549	7
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	<b>68.6</b>	11.8	17	146.1	\$549	8
<b>Cornelius</b>	<b>CB22R88</b>	<b>RR2Y</b>	<b>2.2</b>	<b>R</b>	<b>68.5</b>	<b>11.8</b>	<b>1</b>	<b>140.8</b>	<b>\$548</b>	<b>9</b>
Asgrow	AG24X7 §	RRX	2.4	R	<b>68.4</b>	11.9	10	143.1	\$547	10
LG Seeds	C2126RX	RRX	2.1	R	<b>67.8</b>	11.9	18	144.5	\$542	11
Kruger	K2X-2261	RRX	2.2	R	<b>67.6</b>	12.0	1	137.6	\$541	12
LG Seeds	LGS2239RX	RRX	2.2	R	<b>67.5</b>	11.7	9	140.4	\$540	13
LG Seeds	LGS2444RX	RRX	2.4	R	<b>67.2</b>	11.8	1	142.8	\$538	14
Credenz	CZ2408LL	LL	2.4	R	66.5	11.9	1	148.0	\$532	15
FS HiSoy	HS 24X80	RRX	2.4	R	66.3	11.8	1	141.3	\$530	16
Renk	RS207NX	RRX	2.0	R	66.3	11.8	20	148.3	\$530	17
Stine	21RI32 §	RR2Y	2.1	R	66.2	11.9	1	144.5	\$530	18
Latham	L2549R2X	RRX	2.5	R	66.1	11.9	6	139.1	\$529	19
Champion	24X98N	RRX	2.4	R	66.0	12.0	1	143.3	\$528	20
Kruger	K2X-2442	RRX	2.4	R	66.0	12.0	17	143.3	\$528	21
Titan Pro	TP 24L27	LL	2.4	MR	65.9	11.9	1	138.6	\$527	22
Kruger	K2X-2573	RRX	2.5	R	65.9	12.0	4	143.3	\$527	23
Hefty	H23X9	RRX	2.3	MR	65.8	11.8	9	146.8	\$526	24
Legend	LS 21X705N	RRX	2.1	MR	65.6	11.8	6	146.5	\$525	25
FS HiSoy	HS 25X70	RRX	2.5	R	65.5	12.5	4	144.1	\$524	26
Kruger	K2X-2172	RRX	2.1	R	65.4	11.8	2	143.1	\$523	27
<b>Cornelius</b>	<b>CB24R82</b>	<b>RR2Y</b>	<b>2.4</b>	<b>R</b>	<b>65.3</b>	<b>12.0</b>	<b>2</b>	<b>143.6</b>	<b>\$522</b>	<b>28</b>
Latham	L2464R2X	RRX	2.4	R	65.1	12.0	1	143.1	\$521	29
Titan Pro	TP 22X68	RRX	2.2	MR	65.0	11.8	1	142.1	\$520	30
Croplan	R2C2450 CK	RR2Y	2.4	R	57.4	11.9	7	140.6	\$459	58

*Corey Rozenboom*

Corey Rozenboom

corey.rozenboom@firstseedtests.com, (319) 830-8886

Averages = **64.1** **11.9** **6** **144.6** **\$513**  
LSD (0.10) = 3.1 0.2 12.5  
LSD (0.25) = 1.6 0.1 6.6  
C.V. = 4.6

Prev. years avg. yield, 55.0 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:** *A wet and soggy spring left soils in this area slow to dry and significant planting delays were common. Once in the ground, emergence was excellent and vegetative growth really took off. A few June storms delivered 8.1", about 3" more than the average for the month. Very little disease or pest pressure observed. Some taller varieties were leaning pretty good at harvest and lodging scores noted.*

† 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: 10/26/2018 Revised:

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SOIL CONDITIONS: Very high P, high K, 6.3 pH, 4.8% OM, 23.2 CEC  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Metolachlor, Warrant Ultra, Clethodim  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: May 31 151,000 /A 30" Spacing  
HARVESTED - STAND: Oct 22 144,600 /A

**Full-Season Test**  
**Maturity Group 2.6 - 2.9**  
S2018IANC01b

### 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
Becks	2559X2 GC	RRX	2.5	R	<b>71.8</b>	12.4	1	145.0	\$574	1
Golden Harvest	GH2788X §	RRX	2.7	R	<b>69.8</b>	12.5	1	142.4	\$558	2
<b>Cornelius</b>	<b>CB29X90</b>	<b>RRX</b>	<b>2.9</b>	<b>R</b>	<b>68.5</b>	<b>13.6</b>	<b>1</b>	<b>147.1</b>	<b>\$547</b>	<b>3</b>
Champion	26L16N	LL	2.6	R	<b>68.1</b>	12.3	4	146.5	\$545	4
Pioneer	P27T59R §	RR	2.7	R	<b>67.6</b>	12.4	1	146.3	\$541	5
NK Brand	S27-M8X	RRX	2.7	R	<b>67.4</b>	12.3	1	144.1	\$539	6
Legend	LS 27R524N	RR2Y	2.7	MR	<b>66.9</b>	12.4	1	145.0	\$535	7
Credenz	CZ2601LL	LL	2.6	R	<b>66.8</b>	12.4	1	148.7	\$534	8
Champion	26X09N	RRX	2.6	MR	<b>66.7</b>	12.5	1	142.8	\$534	9
Stine	27RI02 §	RR2Y	2.7	R	<b>66.1</b>	12.7	14	146.1	\$529	10
LG Seeds	C2888RX	RRX	2.8	R	<b>65.5</b>	12.6	1	142.6	\$524	11
LG Seeds	LGS2759RX	RRX	2.7	R	64.7	12.5	1	144.6	\$518	12
FS HiSoy	HS 29X80	RRX,ST	2.9	R	64.7	14.0	1	145.1	\$516	14
Latham	L2682R2X	RRX	2.6	R	64.6	12.4	4	145.6	\$517	13
Hefty	H28X8	RRX	2.8	MR	64.3	12.4	1	146.6	\$514	15
LG Seeds	LGS2680RX	RRX	2.6	S	64.2	12.6	1	140.3	\$514	16
<b>Cornelius</b>	<b>CB28R58</b>	<b>RR2Y</b>	<b>2.8</b>	<b>R</b>	<b>64.0</b>	<b>12.5</b>	<b>1</b>	<b>143.1</b>	<b>\$512</b>	<b>17</b>
NK Brand	S29-K3X	RRX	2.9	R	63.3	12.7	1	143.5	\$506	18
Titan Pro	TP 26X37	RRX	2.6	MR	63.2	12.5	1	144.0	\$506	19
Credenz	CZ2928LL	LL	2.9	R	63.0	12.5	14	139.9	\$504	20
Legend	LS 28X840N	RRX	2.8	MR	62.5	12.7	1	147.1	\$500	21
Titan Pro	TP 28X47	RRX	2.8	MR	62.2	12.7	1	144.8	\$498	22
<b>Cornelius</b>	<b>CB26X67</b>	<b>RRX</b>	<b>2.6</b>	<b>S</b>	<b>62.2</b>	<b>12.6</b>	<b>6</b>	<b>140.1</b>	<b>\$498</b>	<b>23</b>
Hefty	H29X8	RRX	2.9	MR	61.6	12.7	1	147.1	\$493	24
Renk	RS288NX	RRX	2.8	R	61.4	12.5	1	146.0	\$491	25
Latham	L2887R2X	RRX	2.8	R	61.3	12.3	1	146.3	\$490	26
Kruger	K2X-2863	RRX	2.8	R	61.2	12.3	1	145.1	\$490	27
<b>Cornelius</b>	<b>CB27X81</b>	<b>RRX</b>	<b>2.7</b>	<b>R</b>	<b>61.2</b>	<b>12.4</b>	<b>1</b>	<b>141.4</b>	<b>\$490</b>	<b>28</b>
FS HiSoy	HS 27X80	RRX	2.7	R	61.2	12.4	1	135.6	\$490	29
FS HiSoy	HS 28X70	RRX	2.8	R	60.7	12.5	1	140.9	\$486	30
Croplan	R2C2450 CK	RR2Y	2.4	R	58.3	12.1	6	144.8	\$466	38

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Averages = **62.4** **12.5** **3** **144.6** **\$499**  
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LSD (0.25) = 1.6 0.2 3.2  
C.V. = 4.5

Prev. years avg. yield, 55.0 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

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† 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: 10/26/2018 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.