

2017 Soybean Top 30 Performance Summary for Iowa North [ IANO ]



Early-Season Test

Maturity Group 1.7 - 2.1

S2017IANOa

Top 30 of 54

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Altona			New Hampton		
										\$/Acre	Rank	Emmetsburg	Osage	Osage	Osage	Osage	
Hefty	H18X8	RRX	1.8	R	58.9			13.3	1	\$530	1	63.1	63.6	57.7	51.0		
Kruger	K2X-1862	RRX	1.8	R	58.1			13.5	1	\$522	2	60.8	64.4	52.8	54.4		
Champion	20X98N	RRX	2.0	R	57.9			13.3	1	\$521	3	63.6	59.4	55.8	52.6		
Cornelius	CB18X80	RRX	1.8	R	57.8			13.2	1	\$520	4	62.8	62.3	57.3	48.8		
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	57.7			13.2	1	\$519	5	62.4	59.6	53.9	54.7		
LG Seeds	C1838RX	RRX	1.8	R	57.5			13.3	1	\$517	6	61.5	63.0	56.1	49.4		
Legend	LS 20X746N	RRX	2.0	R	57.4			13.3	1	\$516	7	61.4	58.3	53.9	56.0		
Becks	185R2	RR2Y	1.8	R	57.2			13.5	1	\$514	8	61.7	60.7	52.1	54.3		
Latham	L1748R2	RR2Y	1.7	R	57.1			13.3	1	\$514	9	57.4	67.1	52.5	51.5		
Cornelius	CB20X56	RRX	2.0	R	57.0			13.3	1	\$513	10	58.4	62.4	53.1	54.0		
Channel	1917R2X	RRX	1.9	R	56.9			13.2	1	\$512	11	59.4	65.7	50.3	52.3		
Kruger	K2X-2152	RRX	2.1	MR	56.9			13.4	1	\$512	12	58.8	62.6	52.6	53.6		
Champion	21X77N	RRX	2.1	R	56.9			13.4	1	\$512	13	58.7	59.4	56.8	52.6		
NK Brand	S20-T6 §	RR2Y	2.0	MR	56.8			13.2	1	\$511	14	61.5	61.1	53.7	51.0		
Latham	L1845R2X	RRX	1.8	MR	56.8			13.3	1	\$511	15	61.8	57.5	56.2	51.7		
Latham	L2184R2X	RRX	2.1	R	56.8			13.3	1	\$511	16	59.5	56.7	55.5	55.5		
Channel	2017R2X	RRX	2.0	MR	56.8			13.3	1	\$511	17	59.4	62.0	52.2	53.4		
Asgrow	AG20X7 §	RRX	2.0	R	56.8			13.5	1	\$511	18	58.6	59.9	55.2	53.3		
Golden Harvest	GH1915X	RRX	1.9	R	56.6			13.3	1	\$509	19	58.0	58.3	57.2	52.9		
Titan Pro	TP-18X97	RRX	1.8	MR	56.6			13.4	1	\$509	20	60.5	60.4	52.6	52.7		
Latham	L2084R2	RR2Y	2.0	R	56.5			13.2	1	\$508	21	58.9	58.5	53.2	55.4		
Champion	20R35N	RR2Y	2.0	R	56.5			13.3	1	\$508	22	59.4	61.1	51.6	53.7		
Hefty	H20X7	RRX	2.0	R	56.5			13.4	1	\$508	23	57.4	62.4	53.9	52.3		
Legend	LS 17X802N	RRX	1.7	R	56.4			13.3	1	\$507	24	60.7	60.2	53.1	51.4		
Renk	RS207NX	RRX	2.0	R	56.2			13.4	1	\$505	26	57.8	62.5	52.7	51.6		
Prairie Brand	PB-2197R2	RR2Y	2.1	R	55.9			13.3	1	\$503	27	61.9	58.3	51.3	52.0		
Kruger	K2X-2052	RRX	2.0	R	55.9			13.5	1	\$503	28	57.3	61.7	52.9	51.7		
Cornelius	CB20R44	RR2Y	2.0	R	55.6			13.3	1	\$500	29	59.0	58.7	53.2	51.3		
Titan Pro	TP-21X46	RRX	2.1	R	55.5			13.2	1	\$499	30	58.8	58.8	51.1	53.1		
Cornelius	CB19R71	RR2Y	1.9	R	55.5			13.5	1	\$499	31	59.5	57.1	54.8	50.6		
Croplan	R2C2200 CK	RR2Y	2.2	R	56.2			13.3	1	\$505	25	59.7	57.5	56.7	50.8		

Results available by early-December  
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*Corey Rozenboom*

Corey Rozenboom

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

Averages = 55.8  
LSD (0.10) = 1.2  
LSD (0.25) = 0.6

13.4 1 \$502 59.2 59.2 53.3 51.6  
0.3 ns 2.6 2.5 2.2 2.2  
0.2 ns 1.4 1.3 1.2 1.2

Previous years average yield for region, 54.7 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 10/19/2017

Revised:

2017 Soybean Top 30 Performance Summary for Iowa North [ IANO ]



Full-Season Test

Maturity Group 2.2 - 2.5

S2017IANOb

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For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Algona		New Hampton	
										\$/Acre	Rank	Emmetsburg	Osage		
Titan Pro	TP-24R26	RR2Y	2.4	R	<b>58.0</b>			13.3	1	\$522	1	<b>61.5</b>	<b>58.9</b>	<b>58.0</b>	<b>53.7</b>
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	<b>57.3</b>			13.4	1	\$515	2	60.0	<b>58.9</b>	<b>57.0</b>	<b>53.1</b>
Prairie Brand	PB-2486R2	RR2Y	2.4	R	<b>57.3</b>			13.4	1	\$515	3	<b>60.9</b>	<b>59.3</b>	56.1	52.8
Renk	RS246NR2	RR2Y	2.4	R	<b>57.2</b>			13.4	1	\$514	4	59.8	58.2	<b>57.3</b>	<b>53.4</b>
Cornelius	CB24X64	RRX	2.4	R	<b>57.0</b>			13.4	1	\$513	5	59.4	58.3	<b>58.2</b>	52.0
Cornelius	CB24R82	RR2Y	2.4	R	<b>56.9</b>			13.4	1	\$512	6	60.4	58.5	56.0	52.6
Pfister	24R201	RR2Y	2.4	R	<b>56.8</b>			13.4	1	\$511	7	60.0	58.5	56.0	52.6
Hefty	H24X8	RRX	2.4	R	<b>56.8</b>			13.5	1	\$511	8	58.4	<b>59.0</b>	<b>57.8</b>	52.1
Stine	24RH62 §	RR2Y	2.4	R	<b>56.6</b>			13.6	1	\$509	9	60.2	58.4	55.4	52.5
Latham	L2368R2X	RRX	2.3	R	<b>56.6</b>			14.0	1	\$508	10	<b>62.3</b>	<b>59.6</b>	54.0	50.5
FS HiSoy	HS 23X70	RRX	2.3	R	<b>56.4</b>			13.3	1	\$507	12	<b>65.4</b>	57.4	52.9	49.8
FS HiSoy	HS 25X70	RRX	2.5	R	<b>56.4</b>			13.4	1	\$507	13	57.4	<b>59.3</b>	55.3	<b>53.6</b>
Latham	L2228R2	RR2Y	2.2	R	<b>56.4</b>			13.5	1	\$507	14	<b>63.0</b>	58.2	52.8	51.6
Hefty	H22X8	RRX	2.2	R	55.9			13.3	1	\$503	15	59.6	55.8	<b>56.9</b>	51.3
Prairie Brand	PB-2228R2	RR2Y	2.2	R	55.8			13.4	1	\$502	16	59.4	57.0	54.7	52.0
Champion	22R07N	RR2Y	2.2	R	55.8			13.5	1	\$502	17	58.9	56.3	53.5	<b>54.4</b>
Champion	22R38N	RR2Y	2.2	R	55.8			13.5	1	\$502	18	57.8	<b>58.9</b>	53.9	52.7
Pioneer	P22T41R2 §	RR2Y	2.2	R	55.6			13.5	1	\$500	19	56.5	57.4	53.4	<b>55.1</b>
Cornelius	CB22X73	RRX	2.2	R	55.5			13.3	1	\$499	20	58.5	54.5	56.6	52.2
Pioneer	P25T51R §	RR	2.5	R	55.3			13.6	1	\$497	21	60.1	54.2	53.5	<b>53.3</b>
FS HiSoy	HS 24X70	RRX	2.4	R	55.1			13.3	1	\$496	22	56.5	54.7	55.7	<b>53.6</b>
LG Seeds	C2201RX	RRX	2.2	R	55.1			13.4	1	\$495	23	58.0	54.4	56.5	51.6
Hefty	H25X8	RRX	2.5	R	55.0			13.4	1	\$495	24	58.1	56.9	52.9	52.0
Golden Harvest	GH2537X §	RRX	2.5	R	55.0			14.1	1	\$494	25	59.2	56.2	55.2	49.2
Renk	RS248NX	RRX	2.4	R	54.7			13.3	1	\$492	26	56.2	<b>60.7</b>	52.0	49.8
Latham	L2482R2	RR2Y	2.4	R	54.7			13.9	1	\$491	27	60.6	55.2	54.6	48.5
FS HiSoy	HS 23A42	RR2Y	2.3	R	54.5			13.3	1	\$490	28	59.2	54.5	54.6	49.8
LG Seeds	C2441R2	RR2Y	2.4	R	54.5			13.4	1	\$490	29	51.4	53.5	<b>57.9</b>	<b>55.1</b>
Latham	L2458EXGT	BG	2.4	R	54.5			13.5	1	\$490	30	57.2	55.1	56.1	49.5
Champion	23X78N	RRX	2.3	R	54.4			13.5	1	\$489	31	59.4	55.8	50.7	51.6
Croplan	R2C2200 CK	RR2Y	2.2	R	<b>56.5</b>			13.3	1	\$508	11	60.1	57.0	<b>58.1</b>	50.6

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Averages =	<b>55.3</b>	<b>13.5</b>	<b>1</b>	<b>\$497</b>	<b>58.4</b>	<b>56.5</b>	<b>54.8</b>	<b>51.4</b>
LSD (0.10) =	1.1	0.3	ns		2.5	2.2	1.9	1.6
LSD (0.25) =	0.6	0.2	ns		1.3	1.2	1.0	0.8

Previous years average yield for region, 54.7 bu/a, 15 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

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Revised:

**2017 Soybean - Iowa North [ IANO ]**



**Early-Season Test Products (54 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG17X8 §	RRX	1.7	R	ACi
Asgrow	AG20X7 §	RRX	2.0	R	ACi
Asgrow	AG21X7 §	RRX	2.1	R	ACi
Becks	185R2	RR2Y	1.8	R	Es,IL
Champion	18R37N	RR2Y	1.9	R	EL
Champion	20R35N	RR2Y	2.0	R	EL
Champion	20X98N	RRX	2.0	R	EL
Champion	21X77N	RRX	2.1	R	EL
Channel	1917R2X	RRX	1.9	R	ACi
Channel	2017R2X	RRX	2.0	MR	ACi
Cornelius	CB18X80	RRX	1.8	R	PG+
Cornelius	CB19R71	RR2Y	1.9	R	PG+
Cornelius	CB20R44	RR2Y	2.0	R	PG+
Cornelius	CB20X56	RRX	2.0	R	PG+
Croplan	R2C2200 CK	RR2Y	2.2	R	W,IL
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB
FS HiSoy	HS 18X70	RRX	1.8	R	ACi, IL
FS HiSoy	HS 21X70	RRX	2.1	R	ACi, IL
Golden Harvest	GH1852X §	RRX	1.8	R	CCB,Me
Golden Harvest	GH1915X	RRX	1.9	R	CCB,Me
Golden Harvest	GH2041X	RRX	2.0	R	CCB,Me
Hefty	H18X8	RRX	1.8	R	DST
Hefty	H20X7	RRX	2.0	R	DST
Kruger	K2X-1862	RRX	1.8	R	ACi
Kruger	K2X-2052	RRX	2.0	R	ACi
Kruger	K2X-2152	RRX	2.1	MR	ACi
Latham	L1748R2	RR2Y	1.7	R	SS+
Latham	L1845R2X	RRX	1.8	MR	SS+
Latham	L2084R2	RR2Y	2.0	R	CCB,Me
Latham	L2184R2X	RRX	2.1	R	CCB,Me
Legend	LS 17X802N	RRX	1.7	R	YPP
Legend	LS 20X746N	RRX	2.0	R	YPP
Legend	LS 21X705N	RRX	2.1	R	YPP
LG Seeds	C1838RX	RRX	1.8	R	ASfi,IL
LG Seeds	C1870R2	RR2Y	1.8	R	ASfi,IL
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me
NorthStar	NS 2031NR2	RR2Y	2.0	R	CCB
NorthStar	NS 62002NXR2	RRX	2.0	R	CCB
Pfister	20R23	RR2Y	2.0	R	CCB
Pfister	21R205	RR2Y	2.1	R	CCB

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CMB
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CMB
Renk	RS188NX	RRX	1.8	R	AM,IL
Renk	RS195NR2	RR2Y	1.9	R	EcTC
Renk	RS207NX	RRX	2.0	R	EcTC
Renk	RS213NR2	RR2Y	2.1	R	EcTC
Stine	19RF32 §	RR2Y	1.9	R	SFI
Stine	20RD20 §	RR2Y	2.0	R	SFI
Titan Pro	TP-18X97	RRX	1.8	MR	IS,IL
Titan Pro	TP-20R25	RR2Y	2.0	R	IS,IL
Titan Pro	TP-20X57	RRX	2.0	MR	IS,IL
Titan Pro	TP-21X46	RRX	2.1	R	IS,IL

2017 Soybean - Iowa North [ IANO ]



Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Champion	22R07N	RR2Y	2.2	R	EL
Champion	22R38N	RR2Y	2.2	R	EL
Champion	23X78N	RRX	2.3	R	ELV
Champion	24R87N	RR2Y	2.4	R	EL
Cornelius	CB22R88	RR2Y	2.2	R	PG+
Cornelius	CB22X73	RRX	2.2	R	PG+
Cornelius	CB24R82	RR2Y	2.4	R	PG+
Cornelius	CB24X64	RRX	2.4	R	PG+
Croplan	R2C2200 CK	RR2Y	2.2	R	W,IL
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB
Federal	F2480NR2X	RRX	2.4	R	MAG
FS HiSoy	HS 23A42	RR2Y	2.3	R	ACi, IL
FS HiSoy	HS 23X70	RRX	2.3	R	ACi, IL
FS HiSoy	HS 24X70	RRX	2.4	R	ACi, IL
FS HiSoy	HS 25X70	RRX	2.5	R	ACi, IL
Golden Harvest	GH2537X §	RRX	2.5	R	CCB,Me
Hefty	H22X8	RRX	2.2	R	DST
Hefty	H23X8	RRX	2.3	S	DST
Hefty	H24X8	RRX	2.4	R	DST
Hefty	H25X8	RRX	2.5	R	DST
Kruger	K2X-2261	RRX	2.2	R	ACi
Latham	L2228R2	RR2Y	2.2	R	CCB,Me
Latham	L2368R2X	RRX	2.3	R	CCB,Me
Latham	L2458EXGT	BG	2.4	R	SS+
Latham	L2482R2	RR2Y	2.4	R	SS+
LG Seeds	C2201RX	RRX	2.2	R	ASfi,IL
LG Seeds	C2255R2	RR2Y	2.2	R	ASfi,IL
LG Seeds	C2441R2	RR2Y	2.4	R	ASfi,IL
NorthStar	NS 2362NR2	RR2Y	2.3	R	CCB
NorthStar	NS 62323NX2	RRX	2.3	R	CCB
Pfister	24R201	RR2Y	2.4	R	CCB
Pioneer	P22T41R2 §	RR2Y	2.2	R	None
Pioneer	P22T73R §	RR	2.2	R	EE,G,IL
Pioneer	P25T51R §	RR	2.5	R	EE,G
Prairie Brand	PB-2228R2	RR2Y	2.2	R	CMB
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CMB
Renk	RS228NX	RRX	2.2	R	AM,IL
Renk	RS246NR2	RR2Y	2.4	R	AM,IL
Renk	RS248NX	RRX	2.4	R	AM,IL
Stine	24RH62 §	RR2Y	2.4	R	SFI
Titan Pro	TP-24R26	RR2Y	2.4	R	IS,IL
Titan Pro	TP-24X87	RRX	2.4	MR	IS,IL

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer.
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

BG	Balance <sup>™</sup> GT
LL	LibertyLink <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
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 unavailable	EE	Evergol <sup>™</sup> Energy	None	untreated
A2020	Alert 2020 <sup>™</sup>	EL	Elevate <sup>™</sup> F+I	Pd	proTect D <sup>™</sup>
AC	Acceleron <sup>®</sup> fungicide products	ELV	Elevate <sup>™</sup> VIP (F+I+N)	Pdi	proTect D/I <sup>™</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	En	Encase <sup>®</sup>	PG+	Profit Guard + <sup>™</sup>
AG	ArmourGuard <sup>™</sup>	EQV	Equity <sup>®</sup> VIP	PS	MAS Pro-Shield
AM	ApronMaxx <sup>®</sup>	Es	Escalate <sup>™</sup>	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
ASfi	AgriShield <sup>®</sup> F+I	F	fungicide	SDPI	Servo <sup>™</sup> DPI
AVB	Avicta <sup>®</sup> Complete Beans	G	Gauch <sup>®</sup>	SFI	Stine XP fungicide & insecticide
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	Gr+	Great Start <sup>™</sup> Max Plus	SS	Soyshield <sup>™</sup>
CCB	Clariva <sup>™</sup> Complete Beans	I	insecticide	SS+	Soyshield Plus <sup>™</sup>
CI	Clariva <sup>™</sup> pn	IL	ILeVO <sup>®</sup>	SStd	SureStand <sup>™</sup>
CMB	CruiserMaxx <sup>®</sup> Beans	In	Intego <sup>™</sup> Solo	TE	Trius Elite <sup>™</sup>
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	IS	Intego <sup>™</sup> Suite	TT	Turbo Treat <sup>™</sup>
DPHB	DPH Boost <sup>®</sup>	MAG	Maximum ArmourGuard <sup>™</sup>	W	Warden <sup>®</sup> CX
DST	Dominance <sup>™</sup> ST	Me	Mertect <sup>®</sup>	Wr	Warden <sup>®</sup> RTA
DX	Defend <sup>™</sup> Extra	Mg	Magnum ST <sup>™</sup> (standard)	YPP	YP Pro <sup>™</sup>
EcTC	Eclipse <sup>™</sup> US Total coverage	NCFI	N-Compass <sup>™</sup> Plus F/I		

\* Seed treatments may include unspecified plant health promoting components.