

2018 Soybean Top 30 Performance Summary for Iowa North [IANO]



Early-Season Test
Maturity Group 1.7 - 2.1

Top 30 of 60

S2018IANOa

For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Britt	New Hampton	
										\$/Acre	Rank		Lu Verne	Osage
Stine	19RF32 §	RR2Y	1.9	R	63.0			11.3	2	\$504	1	69.2	59.9	60.0
Channel	1818R2X	RRX	1.8	R	61.1			11.3	2	\$489	2	68.7	58.2	56.3
Golden Harvest	GH1852X	RRX	1.8	R	60.8			11.4	5	\$486	3	69.2	56.3	57.0
Pfister	20R23	RR2Y	2.0	R	60.6			11.3	2	\$485	4	68.9	55.9	57.1
Hefty	H20X7	RRX	2.0	MR	60.6			11.2	3	\$485	5	65.2	63.4	53.2
Kruger	K2X-2172	RRX	2.1	R	60.6			11.4	3	\$485	6	70.2	58.9	52.7
Hoegemeyer	LL2221N	LL	2.2	R	60.5			11.3	2	\$484	7	65.3	63.0	53.1
FS HiSoy	HS 19A50	RR2Y	1.9	R	60.4			11.3	2	\$483	8	65.6	64.3	51.2
Kusmaul	KS-28G20	RR	2.0	R	60.4			11.3	2	\$483	9	71.4	58.7	51.0
Renk	RS207NX	RRX	2.0	R	60.4			11.4	2	\$483	10	68.8	59.2	53.2
LG Seeds	C2126RX	RRX	2.1	R	60.2			11.3	2	\$482	11	70.0	60.8	49.8
Titan Pro	TP 18X97	RRX	1.8	MR	60.1			11.3	2	\$481	12	63.3	57.2	59.9
Stine	20RD20 §	RR2Y	2.0	R	60.0			11.2	3	\$480	13	67.7	58.7	53.5
NK Brand	S20-J5X §	RRX	2.0	R	59.8			11.3	2	\$478	14	65.1	60.0	54.3
Cornelius	CB18X80	RRX	1.8	R	59.7			11.3	2	\$478	15	58.6	63.5	56.9
Viking	2155N	None	2.1	MR	59.7			11.5	2	\$478	16	59.6	61.9	57.6
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	59.7			11.1	3	\$478	17	61.7	60.2	57.1
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	59.6			11.4	2	\$477	18	66.5	59.5	52.7
LG Seeds	LGS2007RX	RRX	2.0	R	59.3			11.2	2	\$474	19	62.3	58.5	57.1
NorthStar	NS 62002NXR2	RRX	2.0	MR	59.2			11.3	2	\$474	20	67.2	58.7	51.7
Viking	2018N	None	2.0	MR	59.1			11.2	2	\$473	21	71.6	53.1	52.5
Titan Pro	TP 20X98	RRX	2.0	MR	59.1			11.3	2	\$473	22	65.0	58.8	53.5
NK Brand	S21-W8X	RRX	2.1	R	59.0			11.1	2	\$472	23	69.0	57.5	50.5
Hefty	H21X9	RRX	2.1	MR	59.0			11.2	2	\$472	24	65.6	58.8	52.6
Kruger	K2X-1862	RRX	1.8	R	58.9			11.2	2	\$471	25	66.7	59.2	50.8
Legend	LS 21X705N	RRX	2.1	MR	58.8			11.2	3	\$470	26	65.6	60.0	50.8
Golden Harvest	GH2041X	RRX	2.0	R	58.7			11.1	2	\$470	27	64.9	56.6	54.6
Latham	L2184R2X	RRX	2.1	R	58.7			11.2	3	\$470	28	67.6	58.1	50.4
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	58.4			11.2	3	\$467	30	72.1	55.0	48.1
Titan Pro	TP 16L86	LL	1.6	MR	58.3			11.3	3	\$466	31	68.3	60.7	46.0
Croplan	R2C2200 CK	RR2Y	2.2	R	58.6			11.3	2	\$469	29	67.1	56.9	51.8

Results available by early-December
Visit www.firstseedtests.com to obtain a revised report

Abandoned - Hail damage

 Corey Rozenboom corey.rozenboom@firstseedtests.com, (319) 830-8886	Averages =	58.1	11.3	2	\$465	64.2	58.3	51.9
	LSD (0.10) =	4.0	0.1	ns		3.4	3.0	3.3
	LSD (0.25) =	2.1	0.1	ns		1.8	2.1	2.3
	Previous years average yield for region, 55.9 bu/a, 16 yrs							

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 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: 10/27/2018 Revised:

2018 Soybean Top 30 Performance Summary for Iowa North [IANO]



Full-Season Test

Maturity Group 2.2 - 2.5

S2018IANOb

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For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Britt	New Hampton	
										\$/Acre	Rank		Lu Verne	Osage
LG Seeds	LGS2444RX	RRX	2.4	R	64.6			11.2	2	\$517	1	71.1	63.9	58.7
Renk	RS248NX	RRX	2.4	R	63.2			11.4	2	\$506	2	68.9	64.6	56.1
Titan Pro	TP 24X87	RRX	2.4	MR	63.0			11.5	2	\$504	3	68.6	63.5	56.9
Becks	2559X2 GC	RRX	2.5	R	63.0			11.3	4	\$504	4	69.6	61.7	57.7
FS HiSoy	HS 25X70	RRX	2.5	R	62.9			11.2	2	\$503	5	67.3	64.6	56.7
FS HiSoy	HS 24X80	RRX	2.4	R	62.9			11.3	2	\$503	6	64.9	66.4	57.5
Hefty	H24X8	RRX	2.4	MR	62.9			11.5	2	\$503	7	71.7	61.8	55.2
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	62.9			11.4	3	\$503	8	70.2	61.3	57.3
Legend	LS 24X842N	RRX	2.4	MR	62.5			11.5	2	\$500	9	69.7	61.9	56.0
Champion	24L17N	LL	2.4	R	62.5			11.5	2	\$500	10	71.0	60.2	56.3
Cornelius	CB22R88	RR2Y	2.2	R	62.4			11.2	2	\$499	11	68.1	60.3	58.8
Hefty	H23X9	RRX	2.3	MR	62.1			11.3	3	\$497	12	69.3	61.6	55.3
Latham	L2549R2X	RRX	2.5	R	61.9			11.1	2	\$495	13	64.4	59.9	61.4
Champion	2259CP	None	2.2	R	61.9			11.4	7	\$495	14	75.0	58.8	51.8
Legend	LS 23X920N	RRX	2.3	MR	61.4			11.3	2	\$491	15	64.7	63.6	55.8
FS HiSoy	HS 22X80	RRX	2.2	R	61.3			11.1	4	\$490	16	67.6	61.5	54.7
Latham	L2295R2X	RRX	2.2	R	61.0			11.2	2	\$488	17	67.6	59.8	55.5
Viking	2188AT12N	None	2.4	MR	60.8			11.3	15	\$486	18	66.6	62.9	52.8
Hefty	H25X9	RRX	2.5	MR	60.6			11.1	2	\$485	19	66.0	63.0	52.9
Hefty	H22X8	RRX	2.2	MR	60.5			11.2	2	\$484	20	68.9	60.5	52.0
Cornelius	CB24R82	RR2Y	2.4	R	60.5			11.3	2	\$484	21	65.0	58.9	57.7
LG Seeds	LGS2239RX	RRX	2.2	R	60.3			11.2	2	\$482	22	62.7	60.9	57.2
NorthStar	NS 62444NXR2	RRX	2.4	MR	60.1			11.5	2	\$481	23	68.3	58.2	53.7
Titan Pro	TP 24L27	LL	2.4	MR	60.0			11.3	2	\$480	24	66.5	60.0	53.4
Legend	LS 25X924N	RRX	2.5	MR	60.0			11.2	4	\$480	25	68.9	59.7	51.3
Pioneer	P24A99X §	RRX	2.4	R	59.6			11.3	2	\$477	26	66.3	59.9	52.7
Kruger	K2X-2442	RRX	2.4	R	59.6			11.4	4	\$477	27	67.9	58.8	52.0
Golden Harvest	GH2230X §	RRX	2.2	R	59.5			11.1	3	\$476	28	65.1	60.1	53.4
Asgrow	AG24X7 §	RRX	2.4	R	59.4			11.4	2	\$475	29	63.4	60.5	54.4
Becks	234L4 GC	LL	2.3	R	59.2			11.4	2	\$474	31	65.7	59.6	52.2
Croplan	R2C2200 CK	RR2Y	2.2	R	59.2			11.2	2	\$474	30	67.6	57.5	52.6

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Abandoned - Hail damage

Corey Rozenboom

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

Averages = 59.8

LSD (0.10) = 2.9

LSD (0.25) = 1.5

11.3

0.1

0.1

3

3

1

\$478

\$476

\$475

Previous years average yield for region, 55.9 bu/a, 16 yrs

66.0

3.3

1.7

59.5

3.3

2.3

53.7

3.0

2.1

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.020

Prices = \$8.00 GMO; \$8.00 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: 10/27/2018

Revised:

2018 Soybean - Iowa North [IANO]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG24X7 §	RRX	2.4	R	AC,PV
Becks	2339X2 GC	RRX	2.3	R	Es
Becks	234L4 GC	LL	2.3	R	Es
Becks	2559X2 GC	RRX	2.5	R	Es
Champion	2259CP	None	2.2	R	EL
Champion	22X09N	RRX	2.2	R	EL
Champion	23X78N	RRX	2.3	R	EL
Champion	24L17N	LL	2.4	R	EL
Cornelius	CB22R88	RR2Y	2.2	R	PG+
Cornelius	CB22X32	RRX	2.2	R	PG+
Cornelius	CB23X00	RRX	2.3	R	PG+
Cornelius	CB24R82	RR2Y	2.4	R	PG+
Croplan	R2C2200 CK	RR2Y	2.2	R	None
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB
FS HiSoy	HS 22X80	RRX	2.2	R	ACi,IL
FS HiSoy	HS 23X70	RRX	2.3	R	ACi,IL
FS HiSoy	HS 24X80	RRX	2.4	R	ACi,IL
FS HiSoy	HS 25X70	RRX	2.5	R	ACi,IL
Golden Harvest	GH2230X §	RRX	2.2	R	CCB,Me
Golden Harvest	GH2537X	RRX	2.5	R	CCB,Me
Hefty	H22X8	RRX	2.2	MR	DST
Hefty	H23X9	RRX	2.3	MR	DST
Hefty	H24X8	RRX	2.4	MR	DST
Hefty	H25X9	RRX	2.5	MR	DST
Kruger	K2X-2261	RRX	2.2	R	AC,PV,IL
Kruger	K2X-2442	RRX	2.4	R	AC,PV,IL
Kruger	K2X-2573	RRX	2.5	R	AC,PV,IL
Kussmaul	KS-28X23N	RRX	2.3	R	CMB
Latham	L2295R2X	RRX	2.2	R	SS+
Latham	L2368R2X	RRX	2.3	R	SS+
Latham	L2482R2	RR2Y	2.4	R	SS+
Latham	L2549R2X	RRX	2.5	R	SS+
Legend	LS 23X920N	RRX	2.3	MR	YPP
Legend	LS 24R563N	RR2Y	2.4	MR	YPP
Legend	LS 24X842N	RRX	2.4	MR	YPP
Legend	LS 25X924N	RRX	2.5	MR	YPP
LG Seeds	LGS2239RX	RRX	2.2	R	ASfi,IL
LG Seeds	LGS2444RX	RRX	2.4	R	ASfi,IL
NK Brand	S25-B6X §	RRX	2.5	R	CCB,Me
NorthStar	NS 2362NR2	RR2Y	2.3	MR	CCB
NorthStar	NS 62294NXR2	RRX	2.2	MR	CCB
NorthStar	NS 62444NXR2	RRX	2.4	MR	CCB

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Pfister	24R201	RR2Y	2.4	R	CCB
Pioneer	P22T73R §	RR	2.2	R	None
Pioneer	P24A99X §	RRX	2.4	R	None
Renk	RS239NX	RRX	2.3	R	None
Renk	RS248NX	RRX	2.4	R	EcTC
Stine	24RH62 §	RR2Y	2.4	R	SF
Titan Pro	TP 22X68	RRX	2.2	MR	None
Titan Pro	TP 24L27	LL	2.4	MR	IL,PV
Titan Pro	TP 24X87	RRX	2.4	MR	IL,PV
Viking	2188AT12N	None	2.4	MR	CMB
Viking	2340KN	None	2.3	R	None
Viking	2418N	None	2.4	MR	None

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	EE	Evergol™ Energy	PG+	Profit Guard +™
A2020	Alert 2020™	EL	Elevate™ F+I	PS	MAS Pro-Shield
AC	Acceleron® fungicide products	EL+	Elevate™ Plus	PV	Poncho®/Votivo®
ACi	Acceleron® fungicide and insecticide products	En	Encase®	R	Redigo™
AM	ApronMaxx®	EQV	Equity® VIP	Ret	Revize® SB+T
ASfi	AgriShield® F+I	Es	Escalate™	Ri	Rizolex™
AVB	Avicta® Complete Beans	F	fungicide	SF	Stine XP F
AVBV	Avicta® Complete Beans with Vibrance	G	Gaucho®	SFI	Stine XP fungicide & insecticide
BB	Buckeye Boost ST	Gr+	Great Start™ Max Plus	SS	Soyshield™
CCB	Clariva™ Complete Beans	I	insecticide	SS+	Soyshield Plus™
Cl	Clariva™ pn	IL	ILeVO®	TE	Trius Elite™
CMB	CruiserMaxx® Beans	In	Intego™ Solo	TT	Turbo Treat™
CMBV	CruiserMaxx® Beans with Vibrance	IS	Intego™ Suite	W	Warden® CX
DPHB	DPH Boost®	Lu	Lumisena™	Wr	Warden® RTA
DST	Dominance™ ST	Me	Mertect®	YPP	YP Pro™
DX	Defend™ Extra	None	untreated		
EcTC	Eclipse™ US Total coverage	Pd	proTect D™		

* Seed treatments may include unspecified plant health promoting components.