

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
Kussmaul	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

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S2018IANOb

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

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Averages = **59.8**
LSD (0.10) = 2.9
LSD (0.25) = 1.5

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:

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.