

2018 Soybean Top 30 Harvest Report

Iowa North [IANO] BRITT

Donald Kirsch, Hancock County, IA 50483



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

PREV. CROP/HERB: Corn / Balance Flexx, atrazine, Impact, atrazine
 SOIL DESCRIPTION: Okoboji silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 5.7 pH, 4.9% OM, 29.7 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Zidua Pro, Parallel, Outlook, clethodim, Lambda-Cy, Delaro 325 SC
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 22 142,000 /A 30" Spacing
 HARVESTED - STAND: Oct 23 124,100 /A

Early-Season Test
Maturity Group 1.7 - 2.1
 S2018IANO02a

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
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	72.1	12.6	1	120.5	\$577	1
Viking	2018N	None	2.0	MR	71.6	12.7	1	123.5	\$573	2
Kusmaul	KS-28G20	RR	2.0	R	71.4	12.7	1	118.2	\$571	3
Kruger	K2X-2172	RRX	2.1	R	70.2	12.8	6	117.1	\$562	4
LG Seeds	C2126RX	RRX	2.1	R	70.0	12.6	1	118.5	\$560	5
Stine	19RF32 §	RR2Y	1.9	R	69.2	13.0	1	125.3	\$554	6
Golden Harvest	GH1852X	RRX	1.8	R	69.2	12.9	11	127.5	\$554	7
NK Brand	S21-W8X	RRX	2.1	R	69.0	12.6	1	121.2	\$552	8
Credeuz	CZ1738LL	LL	1.7	R	68.9	12.6	1	126.4	\$551	9
Pfister	20R23	RR2Y	2.0	R	68.9	12.6	1	128.6	\$551	10
Renk	RS207NX	RRX	2.0	R	68.8	12.7	1	120.5	\$550	11
Channel	1818R2X	RRX	1.8	R	68.7	12.6	1	123.9	\$550	12
Titan Pro	TP 16L86	LL	1.6	MR	68.3	12.7	6	129.7	\$546	13
Stine	20RD20 §	RR2Y	2.0	R	67.7	12.5	4	128.3	\$542	14
Champion	21X77N	RRX	2.1	R	67.6	12.7	1	117.1	\$541	15
Latham	L2184R2X	RRX	2.1	R	67.6	12.6	6	123.4	\$541	16
Legend	LS 20R524N	RR2Y	2.0	MR	67.5	12.5	12	128.1	\$540	17
NorthStar	NS 62002NXR2	RRX	2.0	MR	67.2	12.7	1	121.2	\$538	18
Asgrow	AG17X8 §	RRX	1.7	R	67.0	12.5	4	128.1	\$536	20
Kruger	K2X-1862	RRX	1.8	R	66.7	13.0	1	117.7	\$534	21
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	66.5	12.6	1	129.7	\$532	22
Legend	LS 20X963N	RRX	2.0	MR	66.4	12.7	1	115.7	\$531	23
Legend	LS 21X705N	RRX	2.1	MR	65.6	12.6	1	120.1	\$525	24
Hefty	H21X9	RRX	2.1	MR	65.6	12.6	1	126.4	\$525	25
FS HiSoy	HS 19A50	RR2Y	1.9	R	65.6	12.8	1	125.3	\$525	26
Hoegemeyer	LL2221N	LL	2.2	R	65.3	12.8	1	126.1	\$522	27
Hefty	H20X7	RRX	2.0	MR	65.2	12.7	4	112.2	\$522	28
NK Brand	S20-J5X §	RRX	2.0	R	65.1	12.8	1	126.1	\$521	29
Becks	185R2 GC	RR2Y	1.8	R	65.0	12.4	1	124.2	\$520	30
Titan Pro	TP 20X98	RRX	2.0	MR	65.0	12.7	1	123.7	\$520	31
Croplan	R2C2200 CK	RR2Y	2.2	R	67.1	12.8	1	128.0	\$537	19

Corey Rozenboom

Corey Rozenboom

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

Averages = **64.2** **12.7** **2** **124.1** **\$514**
 LSD (0.10) = 3.4 0.2 3.5
 LSD (0.25) = 1.8 0.1 1.8
 C.V. = 5.0

New test site, no yield history

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

TEST COMMENTS: Excessive moisture during early May pushed back planting dates in the area. 1.7" of rain fell within hours of planting which reduced final stands to nearly 87% of the planted population. A few periods of excessive rain fell in June and Sept. Overall, this site recorded 37.1" from May through Sept. That's 16.5" over the 30-yr average. Pod clusters filled to the tops of the plants and seed size was large.

† 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: 10/27/2018 Revised:

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 SOIL CONDITIONS: Very high P, very high K, 5.7 pH, 4.9% OM, 29.7 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Zidua Pro, Parallel, Outlook, clethodim, Lambda-Cy, Delaro 325 SC
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 22 142,000 /A 30" Spacing
 HARVESTED - STAND: Oct 23 127,000 /A

Full-Season Test
Maturity Group 2.2 - 2.5
 S2018IANO02b

Top 30 of 54

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	2259CP	None	2.2	R	75.0	12.6	6	134.7	\$600	1
Viking	2340KN	None	2.3	R	73.2	12.6	1	131.6	\$586	2
Hefty	H24X8	RRX	2.4	MR	71.7	12.7	1	125.9	\$574	3
LG Seeds	LGS2444RX	RRX	2.4	R	71.1	12.6	1	129.1	\$569	4
Champion	24L17N	LL	2.4	R	71.0	12.7	1	129.4	\$568	5
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	70.2	12.6	6	130.0	\$562	6
Legend	LS 24X842N	RRX	2.4	MR	69.7	12.9	1	124.3	\$558	7
Becks	2559X2 GC	RRX	2.5	R	69.6	12.6	9	124.2	\$557	8
Hefty	H23X9	RRX	2.3	MR	69.3	12.5	4	125.9	\$554	9
Pioneer	P22T73R §	RR	2.2	R	69.1	12.5	2	129.2	\$553	10
Hefty	H22X8	RRX	2.2	MR	68.9	12.7	1	132.2	\$551	11
Renk	RS248NX	RRX	2.4	R	68.9	12.8	1	125.9	\$551	12
Legend	LS 25X924N	RRX	2.5	MR	68.9	12.4	7	121.2	\$551	13
Titan Pro	TP 24X87	RRX	2.4	MR	68.6	12.7	1	126.1	\$549	14
NorthStar	NS 62444NXR2	RRX	2.4	MR	68.3	12.6	1	127.3	\$546	15
Cornelius	CB22R88	RR2Y	2.2	R	68.1	12.5	1	125.6	\$545	16
NorthStar	NS 62294NXR2	RRX	2.2	MR	68.0	12.7	1	130.8	\$544	17
Kruger	K2X-2442	RRX	2.4	R	67.9	12.6	9	125.3	\$543	18
Latham	L2295R2X	RRX	2.2	R	67.6	12.6	1	126.7	\$541	20
FS HiSoy	HS 22X80	RRX	2.2	R	67.6	12.5	9	128.1	\$541	21
FS HiSoy	HS 25X70	RRX	2.5	R	67.3	12.6	1	122.1	\$538	22
Viking	2418N	None	2.4	MR	67.1	12.5	2	130.2	\$537	23
Viking	2188AT12N	None	2.4	MR	66.6	12.7	22	124.0	\$533	24
Titan Pro	TP 24L27	LL	2.4	MR	66.5	12.6	1	125.7	\$532	25
Pioneer	P24A99X §	RRX	2.4	R	66.3	12.7	1	131.7	\$530	26
Champion	23X78N	RRX	2.3	R	66.1	12.7	1	128.3	\$529	27
Hefty	H25X9	RRX	2.5	MR	66.0	12.6	1	125.7	\$528	28
Becks	234L4 GC	LL	2.3	R	65.7	12.7	1	130.3	\$526	29
Stine	24RH62 §	RR2Y	2.4	R	65.3	12.6	6	126.4	\$522	30
Golden Harvest	GH2230X §	RRX	2.2	R	65.1	12.7	4	126.1	\$521	31
Croplan	R2C2200 CK	RR2Y	2.2	R	67.6	12.6	1	128.1	\$541	19

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Averages = **66.0** **12.6** **3** **127.0** **\$528**
 LSD (0.10) = 3.3 ns 5.1
 LSD (0.25) = 1.7 ns 2.7
 C.V. = 4.7

New test site, no yield history

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

TEST COMMENTS: Excessive moisture during early May pushed back planting dates in the area. 1.7" of rain fell within hours of planting which reduced final stands to nearly 87% of the planted population. A few periods of excessive rain fell in June and Sept. Overall, this site recorded 37.1" from May through Sept. That's 16.5" over the 30-yr average. Pod clusters filled to the tops of the plants and seed size was large.

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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.