

# 2017 Soybean Top 30 Harvest Report

Iowa Northwest [ IANW ] BOYDEN  
Jason Diekevers, Sioux County, IA 51234



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

PREV. CROP/HERB: Corn / Surestart, Halex GT  
SOIL DESCRIPTION: Primghar silty clay loam, mod. well drained, non-irrigated  
SOIL CONDITIONS: Very high P, high K, 6.9 pH, 4.9% OM, 25.4 CEC  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: 2,4-D, Sonic, Flexstar GT, Dual II Magnum  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: May 15 147,600 /A 30" Spacing  
HARVESTED - STAND: Oct 20 132,900 /A

**Early-Season Test**  
**Maturity Group 2.1 - 2.4**  
S2017IANW01a

## 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
Channel	2108R2	RR2Y	2.1	R	<b>69.9</b>	12.2	1	130.7	\$629	1
Prairie Brand	PB-2486R2	RR2Y	2.4	R	<b>69.3</b>	12.4	2	133.5	\$624	2
Titan Pro	TP-24R26	RR2Y	2.4	R	<b>68.8</b>	12.5	1	133.2	\$619	3
Federal	F2280NR2X	RRX	2.2	R	<b>68.6</b>	12.6	1	133.0	\$617	4
LG Seeds	C2201RX	RRX	2.2	R	<b>68.4</b>	12.4	1	136.1	\$616	5
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	<b>68.3</b>	12.5	2	130.7	\$615	6
Hefty	H22X8	RRX	2.2	R	<b>68.0</b>	12.2	1	139.1	\$612	7
Titan Pro	TP-21X46	RRX	2.1	R	<b>66.9</b>	12.3	1	132.8	\$602	8
Pfister	24R201	RR2Y	2.4	R	<b>66.8</b>	12.4	1	138.1	\$601	9
<b>Kruger</b>	<b>K2X-2261</b>	<b>RRX</b>	<b>2.2</b>	<b>R</b>	<b>66.8</b>	<b>12.5</b>	<b>1</b>	<b>134.2</b>	<b>\$601</b>	<b>10</b>
Channel	2218R2X	RRX	2.2	R	<b>66.5</b>	12.5	1	131.4	\$599	11
Champion	21X77N	RRX	2.1	R	<b>66.5</b>	12.6	1	133.5	\$599	12
<b>Kruger</b>	<b>K2X-2152</b>	<b>RRX</b>	<b>2.1</b>	<b>MR</b>	<b>66.0</b>	<b>12.5</b>	<b>1</b>	<b>133.0</b>	<b>\$594</b>	<b>13</b>
Stine	24RH62 §	RR2Y	2.4	R	66.0	12.6	1	132.8	\$594	14
Latham	L2228R2	RR2Y	2.2	R	65.9	12.3	1	134.6	\$593	15
Channel	2418R2X	RRX	2.4	R	65.8	12.3	1	137.1	\$592	16
Renk	RS248NX	RRX	2.4	R	65.7	12.5	1	134.6	\$591	17
<b>Kruger</b>	<b>K2X-2052</b>	<b>RRX</b>	<b>2.0</b>	<b>R</b>	<b>65.4</b>	<b>12.4</b>	<b>1</b>	<b>139.2</b>	<b>\$589</b>	<b>18</b>
Federal	F2380NR2X	RRX	2.3	R	65.0	12.3	1	132.7	\$585	19
Pfister	21R205	RR2Y	2.1	R	64.5	12.3	4	130.5	\$581	20
Hefty	H24X8	RRX	2.4	R	64.4	12.4	1	127.6	\$580	21
LG Seeds	C2255R2	RR2Y	2.2	R	64.2	12.3	1	131.5	\$578	22
Hefty	H23X8	RRX	2.3	S	64.2	12.4	1	134.3	\$578	23
Golden Harvest	GH2230X	RRX	2.2	R	64.1	12.3	1	138.6	\$577	24
Prairie Brand	PB-2197R2	RR2Y	2.1	R	63.9	12.3	1	131.4	\$575	25
Pioneer	P22T73R §	RR	2.2	R	63.9	12.4	1	130.7	\$575	26
Golden Harvest	GH2041X	RRX	2.0	R	63.9	12.5	1	136.8	\$575	27
Champion	24X98N	RRX	2.4	R	63.9	12.6	1	132.3	\$575	28
Stine	21RI32 §	RR2Y	2.1	R	63.8	12.3	1	130.5	\$574	29
Latham	L2184R2X	RRX	2.1	R	63.7	12.4	1	131.7	\$573	30
Croplan	R2C2450 CK	RR2Y	2.4	R	63.4	12.5	2	133.3	\$571	34

*Corey Rozenboom*

Corey Rozenboom

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

Averages = **63.9** **12.4** **1** **132.9** **\$575**  
LSD (0.10) = 2.5 ns ns  
LSD (0.25) = 1.3 ns ns  
C.V. = 3.8

New test site, no yield history

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

**TEST COMMENTS:** 3" of rain fell over a 5 day period after planting this no-till site. Through the season, 2" came during vegetative stages, 0.9" from bloom to full pod and 6.7" from beginning seed to maturity. Much of August was cooler than normal. Rainfall totals from planting to R6 was 2.3" below the area 30-yr average.

† 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: 10/23/2017 Revised:

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SOIL DESCRIPTION: Primghar silty clay loam, mod. well drained, non-irrigated  
SOIL CONDITIONS: Very high P, high K, 6.9 pH, 4.9% OM, 25.4 CEC  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: 2,4-D, Sonic, Flexstar GT, Dual II Magnum  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: May 15 147,600 /A 30" Spacing  
HARVESTED - STAND: Oct 20 134,600 /A

**Full-Season Test**  
**Maturity Group 2.5 - 2.8**  
S2017IANW01b

**Top 30 of 36**  
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
Pfister	26R207	RR2Y	2.6	R	65.9	12.1	1	133.2	\$593	1
Kruger	K2X-2863	RRX	2.8	R	65.9	12.1	1	134.6	\$593	2
Latham	L2682R2X	RRX	2.6	R	65.6	12.1	1	136.6	\$590	3
Hefty	H25X8	RRX	2.5	R	65.5	12.0	1	134.2	\$590	4
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	65.5	12.1	2	135.6	\$590	5
FS HiSoy	HS 27X60	RRX	2.7	R	64.6	12.1	1	137.3	\$581	6
Titan Pro	TP-28X47	RRX	2.8	MR	64.2	12.2	1	130.7	\$578	7
Four Star Seed	3X261	RRX	2.6	R	63.5	12.1	1	140.4	\$572	8
Pioneer	P25T51R §	RR	2.5	R	63.3	12.3	1	130.5	\$570	10
Pioneer	P27T03R §	RR	2.7	R	62.9	12.2	1	136.1	\$566	11
Channel	2617R2X	RRX	2.6	R	62.7	12.1	1	131.2	\$564	12
Latham	L2758R2	RR2Y	2.7	R	62.6	12.1	1	137.1	\$563	13
Kruger	K2X-2652	RRX	2.6	R	61.7	12.0	1	127.9	\$555	14
Golden Harvest	GH2537X §	RRX	2.5	R	61.5	12.2	1	138.1	\$554	15
Four Star Seed	3X271	RRX	2.7	R	61.0	12.1	1	140.5	\$549	16
Latham	L2887R2X	RRX	2.8	R	60.6	12.1	4	129.1	\$545	17
Kruger	K2X-2852	RRX	2.8	R	60.3	12.2	1	137.9	\$543	18
LG Seeds	C2520R2	RR2Y	2.5	R	60.0	12.0	1	136.8	\$540	19
Champion	28X78N	RRX	2.8	R	59.5	12.1	1	135.8	\$536	20
Hefty	H28X8	RRX	2.8	R	59.4	12.1	1	133.3	\$535	21
LG Seeds	C2888RX	RRX	2.8	R	59.4	12.2	1	132.0	\$535	22
Renk	RS288NX	RRX	2.8	R	59.2	12.1	1	131.9	\$533	23
Champion	26R36N	RR2Y	2.6	MR	59.2	12.1	1	136.0	\$533	24
Hefty	H27X6	RRX	2.7	R	59.1	11.9	1	135.5	\$532	25
Titan Pro	TP-26X37	RRX	2.6	MR	59.1	12.2	1	131.5	\$532	26
Stine	27RI02 §	RR2Y	2.7	R	58.8	12.1	1	130.2	\$529	27
Hefty	H26X7	RRX	2.6	R	58.0	12.0	1	139.7	\$522	28
Golden Harvest	GH2788X	RRX	2.7	R	57.8	12.2	1	134.8	\$520	29
Latham	L2749R2X	RRX	2.7	R	57.5	12.2	4	137.3	\$518	30
Renk	RS268NX	RRX	2.6	R	56.9	12.0	1	133.8	\$512	31
Croplan	R2C2450 CK	RR2Y	2.4	R	63.4	12.1	1	133.8	\$571	9

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Averages = 60.3 12.1 1 134.6 \$543  
LSD (0.10) = 2.2 ns ns  
LSD (0.25) = 1.1 ns ns  
C.V. = 3.4

New test site, no yield history

**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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## 2017 Soybean - Iowa Northwest [ IANW ]

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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG21X7 §	RRX	2.1	R	ACi	Prairie Brand	PB-2228R2	RR2Y	2.2	R	CMB
Asgrow	AG23X8 §	RRX	2.3	R	ACi	Prairie Brand	PB-2486R2	RR2Y	2.4	R	CMB
Asgrow	AG24X7 §	RRX	2.4	R	ACi	Renk	RS228NX	RRX	2.2	R	AM,IL
Champion	21X77N	RRX	2.1	R	EL	Renk	RS248NX	RRX	2.4	R	AM,IL
Champion	22R38N	RR2Y	2.2	R	EL	Stine	21RI32 §	RR2Y	2.1	R	SFI
Champion	24R87N	RR2Y	2.4	R	EL	Stine	24RH62 §	RR2Y	2.4	R	SFI
Champion	24X98N	RRX	2.4	R	ELV	Titan Pro	TP-21X46	RRX	2.1	R	IS,IL
Channel	2108R2	RR2Y	2.1	R	ACi	Titan Pro	TP-24R26	RR2Y	2.4	R	IS,IL
Channel	2218R2X	RRX	2.2	R	ACi	Titan Pro	TP-24X87	RRX	2.4	MR	IS,IL
Channel	2418R2X	RRX	2.4	R	ACi						
Croplan	R2C2450 CK	RR2Y	2.4	R	W,IL						
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB						
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB						
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB						
Federal	F2280NR2X	RRX	2.2	R	MAG						
Federal	F2380NR2X	RRX	2.3	R	MAG						
Federal	F2480NR2X	RRX	2.4	R	MAG						
Golden Harvest	GH1852X §	RRX	1.8	R	CCB,Me						
Golden Harvest	GH2041X	RRX	2.0	R	CCB,Me						
Golden Harvest	GH2230X	RRX	2.2	R	CCB,Me						
Hefty	H22X7	RRX	2.2	R	DST						
Hefty	H22X8	RRX	2.2	R	DST						
Hefty	H23X8	RRX	2.3	S	DST						
Hefty	H24X8	RRX	2.4	R	DST						
Jacobsen Seed	J761NR2X	RRX	2.1	R	AC,PV						
Jacobsen Seed	J764NR2	RR2Y	2.4	R	AC,PV						
Jacobsen Seed	J774NR2X	RRX	2.4	R	AC,PV						
Kruger	K2X-2052	RRX	2.0	R	ACi						
Kruger	K2X-2152	RRX	2.1	MR	ACi						
Kruger	K2X-2261	RRX	2.2	R	ACi						
Latham	L2184R2X	RRX	2.1	R	CCB,Me						
Latham	L2228R2	RR2Y	2.2	R	CCB,Me						
Latham	L2368R2X	RRX	2.3	R	CCB,Me						
Latham	L2484R2X	RRX	2.4	R	SS+						
Legend	LS 20R524N	RR2Y	2.0	R	YPP						
Legend	LS 20X746N	RRX	2.0	R	YPP						
Legend	LS 21X705N	RRX	2.1	R	YPP						
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						
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me						
Pfister	21R205	RR2Y	2.1	R	CCB						
Pfister	24R201	RR2Y	2.4	R	CCB						
Pioneer	P22T73R §	RR	2.2	R	EE,G,IL						
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CMB						



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

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