

# 2017 Soybean Top 30 Harvest Report

Iowa Northwest [ IANW ] HARTLEY  
 Clint Van Beek, O'Brien County, IA 51346



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

PREV. CROP/HERB: Corn / Harness, Roundup, Laudis  
 SOIL DESCRIPTION: Sac-Galva silty clay loam, well drained, non-irrigated  
 SOIL CONDITIONS: Very high P, very high K, 6.6 pH, 4.6% OM, 25.7 CEC  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Authority First, Roundup, Priaxor, Reveal  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 13 155,400 /A 30" Spacing  
 HARVESTED - STAND: Oct 13 149,500 /A

**Early-Season Test**  
**Maturity Group 2.1 - 2.4**  
 S2017IANW02a

## 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	2218R2X	RRX	2.2	R	<b>71.1</b>	13.5	0	147.8	\$639	1
Golden Harvest	GH2041X	RRX	2.0	R	<b>70.8</b>	13.5	0	147.1	\$636	2
Kruger	K2X-2261	RRX	2.2	R	<b>70.0</b>	13.7	0	152.4	\$629	3
Champion	24R87N	RR2Y	2.4	R	<b>69.0</b>	13.8	0	146.2	\$620	4
Jacobsen Seed	J761NR2X	RRX	2.1	R	<b>68.6</b>	13.5	0	150.7	\$617	5
Federal	F2280NR2X	RRX	2.2	R	<b>68.1</b>	13.9	0	153.1	\$612	6
Jacobsen Seed	J774NR2X	RRX	2.4	R	<b>67.0</b>	13.6	0	145.7	\$602	7
LG Seeds	C2255R2	RR2Y	2.2	R	<b>66.8</b>	13.6	0	150.4	\$600	8
Pfister	21R205	RR2Y	2.1	R	<b>66.7</b>	13.5	0	144.7	\$600	9
Pfister	24R201	RR2Y	2.4	R	<b>66.6</b>	13.7	0	145.0	\$598	10
Titan Pro	TP-24R26	RR2Y	2.4	R	<b>66.6</b>	14.0	0	152.1	\$598	11
Golden Harvest	GH1852X §	RRX	1.8	R	<b>66.5</b>	13.4	0	147.8	\$598	12
Champion	22R38N	RR2Y	2.2	R	<b>66.5</b>	14.1	0	152.1	\$597	13
Channel	2108R2	RR2Y	2.1	R	<b>66.4</b>	13.6	0	149.3	\$597	14
Asgrow	AG24X7 §	RRX	2.4	R	<b>66.2</b>	13.6	0	148.6	\$595	15
Prairie Brand	PB-2197R2	RR2Y	2.1	R	65.9	13.6	0	149.8	\$592	16
Prairie Brand	PB-2486R2	RR2Y	2.4	R	65.9	13.6	0	147.9	\$592	17
Champion	21X77N	RRX	2.1	R	65.9	14.0	0	150.5	\$592	18
Champion	24X98N	RRX	2.4	R	65.8	13.6	0	149.3	\$591	19
Stine	24RH62 §	RR2Y	2.4	R	65.1	13.8	0	150.0	\$585	20
Titan Pro	TP-21X46	RRX	2.1	R	65.0	13.5	0	148.1	\$584	21
LG Seeds	C2441R2	RR2Y	2.4	R	64.6	13.9	0	147.1	\$580	22
Legend	LS 20R524N	RR2Y	2.0	R	64.5	13.5	0	146.6	\$580	23
Pioneer	P22T73R §	RR	2.2	R	63.9	13.6	0	150.7	\$574	24
Legend	LS 20X746N	RRX	2.0	R	63.8	13.4	0	147.4	\$574	25
Hefty	H23X8	RRX	2.3	S	63.6	13.6	0	152.8	\$572	26
Stine	21RI32 §	RR2Y	2.1	R	63.6	13.7	0	150.2	\$572	27
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	63.4	13.4	0	150.0	\$570	28
Kruger	K2X-2152	RRX	2.1	MR	63.4	13.7	0	148.1	\$570	29
Renk	RS228NX	RRX	2.2	R	63.0	13.4	0	151.7	\$566	30
Croplan	R2C2450 CK	RR2Y	2.4	R	62.1	13.6	0	150.4	\$558	37

Corey Rozenboom

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

Averages = **63.6** **13.7** **0** **149.5** **\$572**  
 LSD (0.10) = 2.6 0.2 ns  
 LSD (0.25) = 1.4 0.1 ns  
 C.V. = 3.8

Prev. years avg. yield, 56.4 bu/a, 5 yrs

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

**TEST COMMENTS:** Seasonal rainfall totals from planting through R6 on Sept 10 ended about 0.5" above the 30-yr average for this area. Most rain occurred after seed fill. 3.8" rainfall during vegetative stages, 0.7" from bloom through full pod and 8.2" from beginning seed through maturity. An Aug. 18 storm dropped 2+ hail. Crop damage estimate was 18%. White mold was prevalent throughout the plot.

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/14/2017

Revised: 10/16/2017

Additional test comments provided.

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SOIL CONDITIONS: Very high P, very high K, 6.6 pH, 4.6% OM, 25.7 CEC  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Authority First, Roundup, Priaxor, Reveal  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: May 13 155,400 /A 30" Spacing  
HARVESTED - STAND: Oct 13 148,000 /A

**Full-Season Test**  
**Maturity Group 2.5 - 2.8**  
S2017IANW02b

### 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
Channel	2617R2X	RRX	2.6	R	<b>69.6</b>	13.9	0	150.7	\$625	1
Kruger	K2X-2652	RRX	2.6	R	<b>67.6</b>	13.9	0	142.8	\$607	2
LG Seeds	C2520R2	RR2Y	2.5	R	<b>67.3</b>	14.6	0	146.2	\$604	3
Titan Pro	TP-26X37	RRX	2.6	MR	<b>67.1</b>	15.6	0	144.8	\$600	4
LG Seeds	C2888RX	RRX	2.8	R	<b>66.9</b>	14.2	0	146.9	\$600	5
Four Star Seed	3X261	RRX	2.6	R	<b>66.4</b>	14.2	0	149.3	\$596	6
Pioneer	P25T51R §	RR	2.5	R	<b>65.2</b>	15.7	0	147.1	\$583	7
Stine	27RI02 §	RR2Y	2.7	R	<b>64.5</b>	15.2	0	143.6	\$578	8
Champion	28R85N	RR2Y	2.8	R	<b>64.5</b>	15.5	0	149.5	\$577	9
Latham	L2682R2X	RRX	2.6	R	<b>64.1</b>	13.8	0	151.0	\$576	10
FS HiSoy	HS 27X60	RRX	2.7	R	<b>64.0</b>	14.2	0	148.8	\$574	11
Kruger	K2X-2863	RRX	2.8	R	<b>63.9</b>	14.1	0	142.3	\$574	12
Kruger	K2X-2852	RRX	2.8	R	<b>63.8</b>	13.7	0	150.5	\$573	13
Titan Pro	TP-26R35	RR2Y	2.6	MR	<b>63.6</b>	13.7	0	150.4	\$572	14
Latham	L2758R2	RR2Y	2.7	R	<b>63.2</b>	13.7	0	146.7	\$568	15
Pfister	26R207	RR2Y	2.6	R	<b>62.9</b>	13.8	0	154.5	\$565	16
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	<b>62.9</b>	13.9	0	152.4	\$565	17
Titan Pro	TP-28X47	RRX	2.8	MR	<b>62.2</b>	14.6	0	142.8	\$558	18
Pioneer	P27T03R §	RR	2.7	R	<b>61.8</b>	14.5	0	150.5	\$554	20
Golden Harvest	GH2537X §	RRX	2.5	R	<b>61.7</b>	14.0	0	150.4	\$554	21
Renk	RS288NX	RRX	2.8	R	<b>61.7</b>	14.5	0	145.7	\$553	22
Champion	26R36N	RR2Y	2.6	MR	<b>60.9</b>	14.2	0	146.7	\$547	23
Golden Harvest	GH2788X	RRX	2.7	R	<b>60.9</b>	14.7	0	147.8	\$546	24
Latham	L2749R2X	RRX	2.7	R	<b>60.6</b>	14.9	0	147.8	\$543	25
Hefty	H25X8	RRX	2.5	R	<b>60.4</b>	14.0	0	145.4	\$542	26
FS HiSoy	HS 28X70	RRX	2.8	R	<b>60.4</b>	15.6	0	146.0	\$540	27
Hefty	H27X6	RRX	2.7	R	<b>60.1</b>	14.0	0	147.6	\$540	28
Hefty	H26X7	RRX	2.6	R	<b>59.9</b>	13.8	0	150.2	\$538	29
Champion	28X78N	RRX	2.8	R	<b>59.8</b>	14.9	0	151.2	\$536	30
Hefty	H28X8	RRX	2.8	R	<b>59.6</b>	13.8	0	151.0	\$535	31
Croplan	R2C2450 CK	RR2Y	2.4	R	<b>61.9</b>	13.9	0	147.3	\$556	19

*Corey Rozenboom*

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Averages = **62.4** **14.3** **1** **148.0** **\$560**  
LSD (0.10) = 1.8 0.5 ns  
LSD (0.25) = 1.0 0.3 ns  
C.V. = 2.8

Prev. years avg. yield, 56.4 bu/a, 5 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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Report Date: 10/14/2017

Revised: 10/16/2017

Additional test comments provided.





## 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	Gaicho <sup>®</sup>	YPP	YP Pro™

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