

# 2017 Soybean Top 30 Harvest Report

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



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	71.1	13.5	0	147.8	\$639	1
Golden Harvest	GH2041X	RRX	2.0	R	70.8	13.5	0	147.1	\$636	2
Kruger	K2X-2261	RRX	2.2	R	70.0	13.7	0	152.4	\$629	3
Champion	24R87N	RR2Y	2.4	R	69.0	13.8	0	146.2	\$620	4
Jacobsen Seed	J761NR2X	RRX	2.1	R	68.6	13.5	0	150.7	\$617	5
Federal	F2280NR2X	RRX	2.2	R	68.1	13.9	0	153.1	\$612	6
Jacobsen Seed	J774NR2X	RRX	2.4	R	67.0	13.6	0	145.7	\$602	7
LG Seeds	C2255R2	RR2Y	2.2	R	66.8	13.6	0	150.4	\$600	8
Pfister	21R205	RR2Y	2.1	R	66.7	13.5	0	144.7	\$600	9
Pfister	24R201	RR2Y	2.4	R	66.6	13.7	0	145.0	\$598	10
Titan Pro	TP-24R26	RR2Y	2.4	R	66.6	14.0	0	152.1	\$598	11
Golden Harvest	GH1852X §	RRX	1.8	R	66.5	13.4	0	147.8	\$598	12
Champion	22R38N	RR2Y	2.2	R	66.5	14.1	0	152.1	\$597	13
Channel	2108R2	RR2Y	2.1	R	66.4	13.6	0	149.3	\$597	14
Asgrow	AG24X7 §	RRX	2.4	R	66.2	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

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.

† 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: 10/14/2017 Revised:

# 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 13 148,000 /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	69.6	13.9	0	150.7	\$625	1
Kruger	K2X-2652	RRX	2.6	R	67.6	13.9	0	142.8	\$607	2
LG Seeds	C2520R2	RR2Y	2.5	R	67.3	14.6	0	146.2	\$604	3
Titan Pro	TP-26X37	RRX	2.6	MR	67.1	15.6	0	144.8	\$600	4
LG Seeds	C2888RX	RRX	2.8	R	66.9	14.2	0	146.9	\$600	5
Four Star Seed	3X261	RRX	2.6	R	66.4	14.2	0	149.3	\$596	6
Pioneer	P25T51R §	RR	2.5	R	65.2	15.7	0	147.1	\$583	7
Stine	27RI02 §	RR2Y	2.7	R	64.5	15.2	0	143.6	\$578	8
Champion	28R85N	RR2Y	2.8	R	64.5	15.5	0	149.5	\$577	9
Latham	L2682R2X	RRX	2.6	R	64.1	13.8	0	151.0	\$576	10
FS HiSoy	HS 27X60	RRX	2.7	R	64.0	14.2	0	148.8	\$574	11
Kruger	K2X-2863	RRX	2.8	R	63.9	14.1	0	142.3	\$574	12
Kruger	K2X-2852	RRX	2.8	R	63.8	13.7	0	150.5	\$573	13
Titan Pro	TP-26R35	RR2Y	2.6	MR	63.6	13.7	0	150.4	\$572	14
Latham	L2758R2	RR2Y	2.7	R	63.2	13.7	0	146.7	\$568	15
Pfister	26R207	RR2Y	2.6	R	62.9	13.8	0	154.5	\$565	16
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	62.9	13.9	0	152.4	\$565	17
Titan Pro	TP-28X47	RRX	2.8	MR	62.2	14.6	0	142.8	\$558	18
Pioneer	P27T03R §	RR	2.7	R	61.8	14.5	0	150.5	\$554	20
Golden Harvest	GH2537X §	RRX	2.5	R	61.7	14.0	0	150.4	\$554	21
Renk	RS288NX	RRX	2.8	R	61.7	14.5	0	145.7	\$553	22
Champion	26R36N	RR2Y	2.6	MR	60.9	14.2	0	146.7	\$547	23
Golden Harvest	GH2788X	RRX	2.7	R	60.9	14.7	0	147.8	\$546	24
Latham	L2749R2X	RRX	2.7	R	60.6	14.9	0	147.8	\$543	25
Hefty	H25X8	RRX	2.5	R	60.4	14.0	0	145.4	\$542	26
FS HiSoy	HS 28X70	RRX	2.8	R	60.4	15.6	0	146.0	\$540	27
Hefty	H27X6	RRX	2.7	R	60.1	14.0	0	147.6	\$540	28
Hefty	H26X7	RRX	2.6	R	59.9	13.8	0	150.2	\$538	29
Champion	28X78N	RRX	2.8	R	59.8	14.9	0	151.2	\$536	30
Hefty	H28X8	RRX	2.8	R	59.6	13.8	0	151.0	\$535	31
Croplan	R2C2450 CK	RR2Y	2.4	R	61.9	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

**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.

† 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: 10/14/2017 Revised:

**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	RR2Y	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						

## 2017 Soybean - Iowa Northwest [ IANW ]

### Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Champion	26R36N	RR2Y	2.6	MR	EL						
Champion	26X98N	RRX	2.6	R	None						
Champion	28R85N	RR2Y	2.8	R	EL						
Champion	28X78N	RRX	2.8	R	EL						
Channel	2617R2X	RRX	2.6	R	ACi						
Croplan	R2C2450 CK	RR2Y	2.4	R	W,IL						
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	CMB						
Four Star Seed	3X261	RRX	2.6	R	None						
Four Star Seed	3X271	RRX	2.7	R	None						
FS HiSoy	HS 25X70	RRX	2.5	R	ACi, IL						
FS HiSoy	HS 27X60	RRX	2.7	R	ACi, IL						
FS HiSoy	HS 28X70	RRX	2.8	R	ACi, IL						
Golden Harvest	GH2537X §	RRX	2.5	R	CCB,Me						
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me						
Hefty	H25X8	RRX	2.5	R	DST						
Hefty	H26X7	RRX	2.6	R	DST						
Hefty	H27X6	RRX	2.7	R	DST						
Hefty	H28X8	RRX	2.8	R	DST						
Kruger	K2X-2652	RRX	2.6	R	ACi						
Kruger	K2X-2852	RRX	2.8	R	ACi						
Kruger	K2X-2863	RRX	2.8	R	ACi						
Latham	L2682R2X	RRX	2.6	R	SS+						
Latham	L2749R2X	RRX	2.7	R	CCB,Me						
Latham	L2758R2	RR2Y	2.7	R	CCB,Me						
Latham	L2887R2X	RRX	2.8	R	CCB,Me						
LG Seeds	C2520R2	RR2Y	2.5	R	ASfi,IL						
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL						
Pfister	26R207	RR2Y	2.6	R	CCB						
Pioneer	P25T51R §	RR	2.5	R	EE,G						
Pioneer	P27T03R §	RR	2.7	R	None						
Renk	RS268NX	RRX	2.6	R	AM,IL						
Renk	RS288NX	RRX	2.8	R	AM,IL						
Stine	27RI02 §	RR2Y	2.7	R	SFI						
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS,IL						
Titan Pro	TP-26X37	RRX	2.6	MR	IS,IL						
Titan Pro	TP-28X47	RRX	2.8	MR	IS,IL						

## 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.