## 2017 Soybean Top 30 Harvest Report

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

Oct 13

HARVESTED - STAND:



### PREV. CROP/HERB: Corn / Harness, Roundup, Laudis SOIL DESCRIPTION: Sac-Galva silty clay loam, well drained, non-irrigated Very high P, very high K, 6.6 pH, 4.6% OM, 25.7 CEC SOIL CONDITIONS: 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

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

				SCN	Yield	Moisture	Lodging	Stand	Gross Ir	icome
Company/Brand	Product/Brand <sup>+</sup>	Technol.+	Mat.	Resist.	◆ Bu/A ◆	%	%	(x 1000)	\$/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
17	1		Av	erages =	63.6	13.7	0	149.5	\$572	
Corey Majenboon				(0.10) =	2.6	0.2	ns			
Corey Rozenboom				(0.25) =	1.4	0.1	ns			
corey.rozenboom@	C.V. = 3.8				Prev. years avg. yield, 56.4 bu/a, 5 yrs					
Yield & Inco	me Factors: Base Mo	sture = 13.0%	Shrink	c = 1.3	Drying = \$0.	020 Pri	ces = \$9.0	00 GMO; \$	9.00 non-0	ЭМО

**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
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 Report Date: 10/14/2017
 Revised: 10/16/2017
 Additional test comments provided.

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### PREV. CROP/HERB: Corn / Harness, Roundup, Laudis SOIL DESCRIPTION: Sac-Galva silty clay loam, well drained, non-irrigated Very high P, very high K, 6.6 pH, 4.6% OM, 25.7 CEC SOIL CONDITIONS: 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

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

				SCN	Yield	Moisture	Lodging	Stand	Gross Ir	ncome
Company/Brand	Product/Brand <sup>+</sup>	Technol.+	Mat.	Resist.	◆ Bu/A ◆	%	%	(x 1000)	\$/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
			Av	erages =	62.4	14.3	1	148.0	\$560	
Corey Maenboon				(0.10) =	1.8	0.5	ns			
Corey Rozenboom				(0.25) =	1.0	0.3	ns			
corey.rozenboom@firstseedtests.com, (319) 830-8886					2.8			ears avg. yi		1 -

**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.

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Report Date: 10/14/2017 Revised: 10/16/2017

Additional test comments provided.



# 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	Mat. 2.1	R	ACi	Prairie Brand	PB-2228R2	RR2Y	Mat. 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	2.7	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)

ompany/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Tr
Company/Brand Champion	26R36N	RR2Y	Mat. 2.6	MR	
Champion	26X98N	RRX	2.0	R	None
Champion	28R85N	RR2Y	2.0	R	EL
Champion	28X78N	RRX	2.8	R	EL
Channel	2617R2X	RRX	2.0	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	2.7	R	DST
-	K2X-2652	RRX	2.0	R	ACi
Kruger Kruger	K2X-2052 K2X-2852	RRX	2.0 2.8	R	ACi
Kruger					
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		IS,IL
Titan Pro	TP-26X37	RRX		MR	
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. VPMaxx <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> , VPMaxx <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®
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\* ? Great Start<sup>™</sup> Max Plus information unavailable Gr+ A2020 Alert 2020™ insecticide I AC Acceleron<sup>®</sup> fungicide products IL **ILeVO**<sup>®</sup> ACi Acceleron<sup>®</sup> fungicide and insecticide products In Intego<sup>™</sup> Solo ArmourGuard™ IS Intego<sup>™</sup> Suite AG AM ApronMaxx<sup>®</sup> MAG Maximum ArmourGuard™ ASfi AgriShield<sup>®</sup> F+I Mertect® Me AVB Avicta<sup>®</sup> Complete Beans Mg Magnum ST<sup>™</sup> (standard) AVBV Avicta<sup>®</sup> Complete Beans with Vibrance<sup>®</sup> NCFI N-Compass<sup>™</sup> Plus F/I Clariva<sup>™</sup> Complete Beans CCB untreated None Clariva™ pn Cl Pd proTect D™ CMB CruiserMaxx<sup>®</sup> Beans Pdi proTect D/I™ PG+ Profit Guard +™ CMBV CruiserMaxx<sup>®</sup> Beans with Vibrance<sup>®</sup> DPHB DPH Boost<sup>®</sup> PS MAS Pro-Shield DST Dominance<sup>™</sup> ST ΡV Poncho®/Votivo® Defend<sup>™</sup> Extra Servo<sup>™</sup> DPI DX SDPI EcTC Eclipse<sup>™</sup> US Total coverage SFI Stine XP fungicide & insecticide EE Evergol<sup>™</sup> Energy SS Soyshield™ EL Elevate<sup>™</sup> F+I SS+ Soyshield Plus™ Elevate<sup>™</sup> VIP (F+I+N) ELV SStd SureStand™ En Encase® ΤE Trius Elite™ Equity<sup>®</sup> VIP EQV TT Turbo Treat™ Escalate™ Warden<sup>®</sup> CX Es W Warden<sup>®</sup> RTA F fungicide Wr YP Pro™ G Gaucho® YPP

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