

# 2016 Soybean Top 30 Harvest Report

Iowa Northwest [ IANW ] GALVA  
Klint Cork, Ida County, IA 51020



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

PREV. CROP/HERB: Corn / Halex GT  
SOIL DESCRIPTION: Galva silty clay loam, well drained, non-irrigated  
SOIL CONDITIONS: High P, high K, 6 pH, 4.2 % OM  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Prowl, OpTill PRO, Roundup, Flexstar, Select, Aproach, Asana XL  
SEEDED - RATE - ROW: May 19 155,000 /A 15" Spacing  
HARVESTED - STAND: Oct 14 145,300 /A

**Early-Season Test**  
**Maturity Group 2.1 - 2.4**  
S2016IANW03a

**Top 30 of 48**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	<b>78.6</b>	12.4	0	142.9	\$688
Pfister	21R203	RR2Y	2.1	R	CCB	<b>77.4</b>	12.4	0	142.9	\$677
Renk	RS246NR2	RR2Y	2.4	R	CMBV	<b>76.9</b>	12.6	0	148.1	\$673
Renk	RS213NR2	RR2Y	2.1	R	CMBV	<b>76.7</b>	12.7	0	148.1	\$671
Jacobsen Seed	J740NR2	RR2Y	2.0	R	AC,IL,PV	<b>76.3</b>	12.6	0	148.1	\$668
Champion	24R87N	RR2Y	2.4	R	AC,PV	<b>76.1</b>	12.4	0	144.7	\$666
Champion	20R35N	RR2Y	2.0	R	AC,PV	<b>76.1</b>	12.5	0	144.7	\$666
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV	75.7	12.5	0	144.7	\$662
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	75.7	12.5	0	146.4	\$662
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	75.5	12.6	0	144.7	\$661
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	75.4	12.5	0	146.4	\$660
Kruger	K2-2103	RR2Y	2.1	R	ACi	75.1	12.6	0	146.4	\$657
Channel	2108R2	RR2Y	2.1	R	ACi	75.1	12.6	0	146.4	\$657
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	74.9	12.5	0	144.7	\$655
Stine	24RH62 §	RR2Y	2.4	R	SFI	74.9	12.6	0	144.7	\$655
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	74.5	12.3	0	146.4	\$652
Prairie Brand	PB-2156R2	RR2Y	2.1	R	CCB,In	74.4	12.4	0	144.7	\$651
Jacobsen Seed	J764NR2	RR2Y	2.4	R	AC,IL,PV	74.4	12.4	0	146.4	\$651
Pfister	24R201	RR2Y	2.4	R	CCB	74.3	12.6	0	146.4	\$650
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB	73.7	12.2	0	141.2	\$645
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me	73.7	12.4	0	146.4	\$645
Hefty	H24X6	RRX	2.4	MR	DST	73.3	12.6	0	146.4	\$641
Pfister	21R205	RR2Y	2.1	R	CCB	72.2	12.3	0	146.4	\$632
Pioneer	P22T73R §	RR	2.2	R	EE,G	72.0	12.6	0	142.9	\$630
NorthStar	NS 62332N XR2	RRX	2.3	R	CMBV	71.8	12.4	0	144.7	\$628
Champion	22R86N	RR2Y	2.2	R	AC,PV	71.3	12.3	5	146.4	\$624
Federal	F226NRR2Y	RR2Y	2.2	R	MAG	70.7	12.4	0	146.4	\$619
NorthStar	NS 62002N XR2	RRX	2.0	R	CMBV	70.4	12.3	0	144.7	\$616
Channel	2306R2	RR2Y	2.3	R	ACi	70.4	12.3	0	142.9	\$616
Latham	L2184R2X	RRX	2.1	R	SS	70.3	12.4	0	144.7	\$615
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	<b>76.1</b>	12.4	0	144.7	\$666

*Corey Rozenboom*

Corey Rozenboom  
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Averages =	<b>71.7</b>	<b>12.4</b>	<b>1</b>	<b>145.3</b>	<b>\$627</b>
LSD (0.10) =	4.2	0.2	4		
LSD (0.25) =	2.9	0.2	3		
C.V. =	4.3				Prev. years avg. yield, 59.4 bu/a, 10 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.75 GMO; \$8.75 non-GMO

**TEST COMMENTS:** *These tests were no-till planted into corn residue on a well-drained area. Despite soggy conditions into June, emergence was very good. Favorable rainfall all season promoted flowering and seed fill. Fungicide and insecticide was applied for plant health and aphid control, respectively, at R5. Seasonal rainfall totals from planting through R6 was nearly 1.3" 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: 10/16/2016 Revised:

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PREV. CROP/HERB: Corn / Halex GT  
SOIL DESCRIPTION: Galva silty clay loam, well drained, non-irrigated  
SOIL CONDITIONS: High P, high K, 6 pH, 4.2 % OM  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Prowl, OpTill PRO, Roundup, Flexstar, Select, Aproach, Asana XL  
SEEDED - RATE - ROW: May 19 155,000 /A 15" Spacing  
HARVESTED - STAND: Oct 14 144,200 /A

**Full-Season Test**  
**Maturity Group 2.5 - 2.8**  
S2016IANW03b

**Top 30 of 36**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	<b>79.5</b>	12.7	0	144.7	\$696
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB	<b>77.3</b>	12.7	0	146.4	\$676
Jacobsen Seed	J847NR2	RR2Y	2.8	R	AC,IL,PV	<b>76.9</b>	12.6	0	141.2	\$673
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In	<b>76.5</b>	12.2	0	141.2	\$669
LG Seeds	C2605R2	RR2Y	2.6	S	CCB	75.6	12.2	0	141.2	\$662
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,CI	75.2	12.5	0	144.7	\$658
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me	75.0	12.2	0	144.7	\$656
Latham	L2884R2	RR2Y	2.8	R	CCB	74.9	12.4	0	144.7	\$655
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me	74.6	12.5	0	144.7	\$653
Latham	L2758R2	RR2Y	2.7	R	CCB,Me	74.5	12.2	0	142.9	\$652
Asgrow	AG2836 §	RR2Y	2.8	R	ACi	74.5	12.5	0	144.7	\$652
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS	74.0	12.3	0	146.4	\$648
Renk	RS286NR2	RR2Y	2.8	R	CMBV	73.9	12.5	0	142.9	\$647
LG Seeds	C2890R2	RR2Y	2.8	R	CCB	73.9	13.0	0	142.9	\$647
Pfister	26R204	RR2Y	2.6	R	CCB	73.7	12.6	0	146.4	\$645
Kruger	K2-2603	RR2Y	2.6	MR	ACi	73.6	12.3	0	144.7	\$644
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,CI	73.6	12.5	0	144.7	\$644
Channel	2609R2	RR2Y	2.6	R	ACi	73.4	12.4	0	146.4	\$642
Asgrow	AG2636 §	RR2Y	2.6	R	ACi	73.3	12.2	0	146.4	\$641
Jacobsen Seed	J856R2	RR2Y	2.6	MR	AC,IL,PV	72.8	12.1	0	144.7	\$637
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In	72.6	12.6	0	142.9	\$635
Stine	28RH02 §	RR2Y	2.8	R	SFI	72.5	12.6	0	142.9	\$634
Jacobsen Seed	J858NR2X	RRX	2.8	R	AC,IL,PV	72.4	12.5	0	141.2	\$634
Titan Pro	TP-28X45	RRX	2.8	R	IS	71.7	12.6	0	144.7	\$627
Hefty	H27X6	RRX	2.7	MR	None	71.2	12.7	0	144.7	\$623
Hefty	H26X7	RRX	2.6	MR	DST	71.1	11.9	0	144.7	\$622
Hefty	H25X7	RRX	2.5	MR	DST	70.3	12.4	0	144.7	\$615
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me	70.3	12.7	0	144.7	\$615
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	70.2	12.7	0	144.7	\$614
Renk	RS276NX	RRX	2.8	R	AM	69.9	12.6	0	144.7	\$612
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	<b>77.1</b>	12.4	0	144.7	\$675

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Averages =	<b>73.0</b>	<b>12.5</b>	<b>0</b>	<b>144.2</b>	<b>\$639</b>
LSD (0.10) =	3.4	0.2	ns		
LSD (0.25) =	2.4	0.2	ns		
C.V. =	3.5				Prev. years avg. yield, 59.4 bu/a, 10 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.75 GMO; \$8.75 non-GMO

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Report Date: 10/16/2016 Revised:

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**2016 Soybean - Iowa Northwest [ IANW ]**

**Early-Season Test Products (48 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG24X7 §	RRX	2.4	R	ACi
Champion	20R35N	RR2Y	2.0	R	AC,PV
Champion	21X77N	RRX	2.1	R	AC,PV
Champion	22R86N	RR2Y	2.2	R	AC,PV
Champion	24R87N	RR2Y	2.4	R	AC,PV
Channel	2108R2	RR2Y	2.1	R	ACi
Channel	2306R2	RR2Y	2.3	R	ACi
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB
Federal	F226NRR2Y	RR2Y	2.2	R	MAG
Hefty	H21X6	RRX	2.1	MR	DST
Hefty	H23X7	RRX	2.3	S	DST
Hefty	H24X6	RRX	2.4	MR	DST
Jacobsen Seed	J740NR2	RR2Y	2.0	R	AC,IL,PV
Jacobsen Seed	J761NR2X	RRX	2.1	R	AC,IL,PV
Jacobsen Seed	J764NR2	RR2Y	2.4	R	AC,IL,PV
Kruger	K2-2103	RR2Y	2.1	R	ACi
Latham	L2128R2	RR2Y	2.1	R	CCB,Me
Latham	L2184R2X	RRX	2.1	R	SS
Latham	L2228R2	RR2Y	2.2	R	CCB,Me
Latham	L2454R2X	RRX	2.4	S	CCB,Me
LG Seeds	C2126RX	RRX	2.1	R	CCB
LG Seeds	C2441R2	RR2Y	2.4	R	CCB
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me
NorthStar	NS 2282NR2	RR2Y	2.2	R	CMBV
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV
NorthStar	NS 62332NXR2	RRX	2.3	R	CMBV
Pfister	21R203	RR2Y	2.1	R	CCB
Pfister	21R205	RR2Y	2.1	R	CCB
Pfister	24R201	RR2Y	2.4	R	CCB
Pioneer	P20T79R2 §	RR2Y	2.0	R	None
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G
Pioneer	P22T73R §	RR	2.2	R	EE,G
Prairie Brand	PB-2156R2	RR2Y	2.1	R	CCB,In
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CCB,In
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In
Renk	RS213NR2	RR2Y	2.1	R	CMBV
Renk	RS237X	RRX	2.3	S	CMB
Renk	RS246NR2	RR2Y	2.4	R	CMBV
Stine	24RE03 §	RR2Y	2.4	MR	SFI
Stine	24RH62 §	RR2Y	2.4	R	SFI
Titan Pro	TP-21R55	RR2Y	2.1	R	IS

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Titan Pro	TP-21X46	RRX	2.1	R	None
Titan Pro	TP-23X76	RRX	2.3	R	IS
Titan Pro	TP-24R26	RR2Y	2.4	R	IS

**2016 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
Asgrow	AG2636 §	RR2Y	2.6	R	ACi						
Asgrow	AG2836 §	RR2Y	2.8	R	ACi						
Channel	2609R2	RR2Y	2.6	R	ACi						
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX						
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB						
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,Ci						
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,Ci						
FS HiSoy	HS 28X50	RRX	2.8	R	ACi						
Hefty	H25X7	RRX	2.5	MR	DST						
Hefty	H26X7	RRX	2.6	MR	DST						
Hefty	H27X6	RRX	2.7	MR	None						
Hefty	H28X6	RRX	2.8	MR	DST						
Jacobsen Seed	J847NR2	RR2Y	2.8	R	AC,IL,PV						
Jacobsen Seed	J856R2	RR2Y	2.6	MR	AC,IL,PV						
Jacobsen Seed	J858NR2X	RRX	2.8	R	AC,IL,PV						
Kruger	K2-2603	RR2Y	2.6	MR	ACi						
Kruger	K2-2803	RR2Y	2.8	R	ACi						
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me						
Latham	L2758R2	RR2Y	2.7	R	CCB,Me						
Latham	L2859R2X	RRX	2.8	R	CCB,Me						
Latham	L2884R2	RR2Y	2.8	R	CCB						
LG Seeds	C2605R2	RR2Y	2.6	S	CCB						
LG Seeds	C2890R2	RR2Y	2.8	R	CCB						
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me						
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me						
Pfister	26R204	RR2Y	2.6	R	CCB						
Pfister	28R202	RR2Y	2.8	R	CCB						
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In						
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In						
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In						
Renk	RS276NX	RRX	2.8	R	AM						
Renk	RS286NR2	RR2Y	2.8	R	CMBV						
Stine	28RH02 §	RR2Y	2.8	R	SFI						
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS						
Titan Pro	TP-26X16	RRX	2.6	R	IS						
Titan Pro	TP-28X45	RRX	2.8	R	IS						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® 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

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybean Seed Treatments\*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

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