### 2016 Soybean Top 30 Harvest Report

Iowa Northwest [ IANW ] ALBERT CITY Bloom Family Farms, Aaron Bloom, Buena Vista County, IA 51052



PREV. CROP/HERB: Corn / Harness Xtra, Callisto, Roundup

SOIL DESCRIPTION: Nicollet-Webster silty clay loam, mod. well drained, non-irrigated

SOIL CONDITIONS: Moderate P, moderate K, 7 pH, 3 % OM

TILLAGE/CULTIVATION: Conventional w/ fall till

PEST MANAGEMENT: Authority First, Flexstar GT, Clethodim, Warrant SEEDED - RATE - ROW: May 20 155,000 /A 15" Spacing

Early-Season Test Maturity Group 2.1 - 2.4

S2016IANW04a

Top 30 of 48

For Gross Income (Sorted by Yield)

Average of (3) Replications

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HARVESTED - STAND:	Oct 13	147,900 /A						Avera	age of ( <b>3</b> ) F	Replications
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Branc	d† Technol.†	Mat.	Resist.	Trt.†	◆ Bu/A	%	%	(x 1000)	Income
Pfister	21R203	RR2Y	2.1	R	CCB	83.2	13.4	4	148.1	\$727
Titan Pro	TP-21X46	RRX	2.1	R	None	81.6	13.3	4	149.8	\$714
LG Seeds	C2126RX	RRX	2.1	R	CCB	80.9	13.2	4	149.8	\$708
Kruger	K2-2103	RR2Y	2.1	R	ACi	80.1	13.3	4	149.8	\$700
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G	79.7	13.5	1	148.1	\$697
Renk	RS237X	RRX	2.3	S	CMB	79.6	12.9	4	148.1	\$697
Channel	2108R2	RR2Y	2.1	R	ACi	79.4	13.6	4	148.1	\$694
Pioneer	P22T73R §	RR	2.2	R	EE,G	78.6	13.4	3	144.7	\$687
Jacobsen Seed	J740NR2	RR2Y	2.0	R	AC,IL,PV	78.6	13.3	4	148.1	\$687
Federal	F226NRR2Y	RR2Y	2.2	R	MAG	78.5	13.3	15	148.1	\$686
Hefty	H23X7	RRX	2.3	S	DST	78.4	13.0	3	148.1	\$686
NorthStar	NS 62002NX	R2 RRX	2.0	R	CMBV	77.5	13.0	4	146.4	\$678
Channel	2306R2	RR2Y	2.3	R	ACi	77.5	13.0	4	148.1	\$678
Latham	L2184R2X	RRX	2.1	R	SS	77.4	13.1	4	146.4	\$677
Asgrow	AG24X7 §	RRX	2.4	R	ACi	77.4	13.2	4	144.7	\$677
Latham	L2128R2	RR2Y	2.1	R	CCB,Me	77.0	13.2	15	148.1	\$673
Prairie Brand	PB-2156R2	RR2Y	2.1	R	CCB,In	76.9	13.4	4	148.1	\$672
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	76.7	13.3	4	149.8	\$671
Jacobsen Seed	J761NR2X	RRX	2.1	R	AC,IL,PV	76.6	13.2	4	148.1	\$670
Dairyland	DSR-2110/R2	2Y RR2Y	2.1	R	CMB	76.6	13.4	4	146.4	\$670
Champion	21X77N	RRX	2.1	R	AC,PV	76.3	13.2	4	148.1	\$667
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV	76.2	13.3	11	148.1	\$666
Champion	24R87N	RR2Y	2.4	R	AC,PV	76.1	13.2	4	148.1	\$666
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	75.8	13.5	8	148.1	\$662
Pfister	21R205	RR2Y	2.1	R	CCB	75.5	13.5	4	148.1	\$660
Champion	20R35N	RR2Y	2.0	R	AC,PV	75.1	13.3	4	148.1	\$657
Hefty	H21X6	RRX	2.1	MR	DST	75.1	13.3	4	144.7	\$657
Titan Pro	TP-23X76	RRX	2.3	R	IS	75.1	13.3	4	144.7	\$657
Renk	RS213NR2	RR2Y	2.1	R	CMBV	74.9	13.5	4	149.8	\$655
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CCB,In	74.7	12.8	4	148.1	\$654
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	74.4	13.4	8	146.4	\$650
Covery Magen	boon				Averages =		13.3	6	147.9	\$661
					SD(0.10) =		0.3	12		
Corey Rozenboom	<b>.</b>	(0.4.0), 0.00, 0.00.0		L:	SD (0.25) =		0.2	8		
corey.rozenboom@	firstseedtests.com	ո, (319) 830-8886			C.V. =	2.9	Prev. y	years avg.	yield, 57.0	bu/a, 2 yr

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

**TEST COMMENTS:** Planting was delayed by relentless rains mid-May. June experienced a bit of a dry spell, but rain returned in July as flowering began. Plants had a lot of vegetative growth and were leaning slightly at harvest but not enough to hinder yields or interfere feeding into the combine. Largest rain events all occurred after seed fill. 3.5" Aug 11, 2.5" Sept 7, followed by 4" Sept 15-16.

† 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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Revised:

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Report Date: 10/16/2016

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PEST MANAGEMENT: Authority First, Flexstar GT, Clethodim, Warrant SEEDED - RATE - ROW: May 20 155,000 /A 15" Spacing

Full-Season Test Maturity Group 2.5 - 2.8 S2016IANW04b

Top 30 of 36

For Gross Income (Sorted by Yield)

Average of (3) Replications

SEEDED TOTTE ROW.	may 20	100,000 77 (		Opaomig					201110 (30110	
HARVESTED - STAND:	Oct 13	147,300 /A						Aver	age of ( <b>3</b> ) F	Replications
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Bran	d† Tech	nol.† Ma	t. Resis	t. Trt.†	◆ Bu/A	<b>*</b> %	%	(x 1000)	Income
Prairie Brand	PB-2600R2	RR2\	2.6	MR	CCB,In	80.3	13.1	4	148.1	\$702
Asgrow	AG2636 §	RR2\	2.6	R	ACi	80.2	13.4	4	148.1	\$701
Titan Pro	TP-26R35	RR2\	2.6	MR	IS	78.6	13.3	4	149.8	\$687
LG Seeds	C2605R2	RR2\	2.6	S	CCB	77.9	13.4	4	146.4	\$681
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,Cl	77.9	13.7	4	146.4	\$681
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,CI	77.5	13.4	4	148.1	\$678
Renk	RS286NR2	RR2\	2.8	R	CMBV	77.4	13.3	4	146.4	\$677
Pfister	26R204	RR2\	2.6	R	CCB	77.3	13.7	4	148.1	\$675
Jacobsen Seed	J856R2	RR2\	2.6	MR	AC,IL,PV	77.2	13.4	4	148.1	\$675
Jacobsen Seed	J847NR2	RR2\	2.8	R	AC,IL,PV	76.7	13.4	4	146.4	\$671
Latham	L2645R2	RR2\	2.6	MR	CCB,Me	75.6	13.1	4	149.8	\$661
Hefty	H25X7	RRX	2.5	MR	DST	75.5	13.5	4	146.4	\$660
Prairie Brand	PB-2876R2	RR2\	2.8	R	CCB,In	75.1	13.5	4	148.1	\$656
Asgrow	AG2836 §	RR2\	2.8	R	ACi	75.1	13.6	4	146.4	\$656
Kruger	K2-2603	RR2\	2.6	MR	ACi	73.9	13.1	4	148.1	\$646
Stine	28RH02 §	RR2\	2.8	R	SFI	73.9	13.5	4	146.4	\$646
Channel	2609R2	RR2\	2.6	R	ACi	73.8	13.1	4	146.4	\$646
Hefty	H27X6	RRX	2.7	MR	None	73.7	13.5	4	146.4	\$644
Latham	L2758R2	RR2\	2.7	R	CCB,Me	73.3	13.3	4	146.4	\$641
Prairie Brand	PB-2576R2	RR2\	2.5	R	CCB,In	73.2	14.0	4	149.8	\$639
Latham	L2884R2	RR2\	2.8	R	CCB	73.0	13.6	4	144.7	\$638
LG Seeds	C2890R2	RR2\	2.8	R	CCB	72.9	13.5	4	146.4	\$637
NK Brand	S28-N6 §	RR2\	2.8	R	CCB,Me	72.4	13.4	4	148.1	\$633
Renk	RS276NX	RRX	2.8	R	AM	72.0	13.6	4	148.1	\$629
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	71.9	13.6	24	146.4	\$628
Titan Pro	TP-28X45	RRX	2.8	R	IS	71.8	13.6	4	148.1	\$627
Latham	L2859R2X	RRX	2.8	R	CCB,Me	71.6	13.6	4	148.1	\$626
Dairyland	DSR-2707/R2	2Y RR2\	2.7	MR	CMB	71.3	13.6	4	146.4	\$623
Jacobsen Seed	J858NR2X	RRX	2.8	R	AC,IL,PV	70.9	13.8	4	144.7	\$619
NK Brand	S26-P3 §	RR2\	2.6	MR	CCB,Me	70.3	13.3	4	146.4	\$615
Croplan	R2C2450 CK	RR2\	γ 2.4	R	WCX	72.5	13.4	4	146.4	\$634
17	0				Averages =	73.9	13.4	5	147.3	\$646
Corey Magen	room			I	_SD (0.10) =	= 3.9	0.4	ns		
Corey Rozenboom				I	_SD (0.25) =	= 2.7	0.3	ns		
corey.rozenboom@f	irstseedtests.cor	n, (319) 830-88	86		C.V. =	= 2.9	Prev.	years avg.	yield, 57.0	bu/a, 2 yrs

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Report Date: 10/16/2016 Revised:



# 2016 Soybean - Iowa Northwest [ IANW ]

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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Co	mnany/Brand	mpany/Brand Product/Brand	empany/Brand Product/Brand Technol.	mnany/Brand Product/Brand Technol Mat	mpany/Brand Product/Brand Technol. Mat. SCN
Asgrow	AG24X7 §	RRX	2.4	R	ACi	1	Company/Brand Titan Pro				
Champion	20R35N	RR2Y	2.0	R	AC,PV	١	Titan Pro				
Champion	21X77N	RRX	2.1	R	AC,PV		Titan Pro				
Champion	22R86N	RR2Y	2.2	R	AC,PV		Thair 10	11 24120	TRAITIO II ZARZO IVIZI	THAT TO THE ZITE OF THE ZITE	THATTIO TI ZTIZO TRIZI Z.T IX
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						
	DSR-2330/R2Y	RR2Y	2.3	R	CMB						
Dairyland											
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						
₋atham	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		1				
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		EE,G						
Prairie Brand	PB-2156R2	RR2Y	2.1		CCB,In						
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In	ı					
Prairie Brand	PB-2419RR2	RR2Y	2.2	S	CCB,III						
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		SFI						
Stine	24RH62 §	RR2Y	2.4	R	SFI						
Titan Pro	TP-21R55	RR2Y	2.1	R	IS						



# 2016 Soybean - Iowa Northwest [ IANW ]

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

Company/Brand	Product/Brand	Technol.	Mat.	SCNI	Seed Trt
Asgrow	AG2636 §	RR2Y	2.6	R	ACi
sgrow	AG2030 § 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	
S HiSoy	HS 26X60	RRX	2.7	R	ACi,Cl
S HiSoy	HS 27X60	RRX	2.7	R	ACi,Cl
FS HiSoy	HS 28X50	RRX	2.8	R	ACi,Ci ACi
Hefty	H25X7	RRX	2.5	MR	DST
Hefty	H26X7	RRX	2.6	MR	
Hefty	H27X6	RRX	2.7		None
Hefty	H28X6	RRX	2.8		DST
Jacobsen Seed	J847NR2	RR2Y	2.8	R	AC,IL,PV
Jacobsen Seed	J856R2	RR2Y	2.6		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
_atham	L2645R2	RR2Y	2.6	MR	
.atham	L2758R2	RR2Y	2.7	R	CCB,Me
_atham	L2859R2X	RRX	2.8	R	CCB,Me
_atham	L2884R2	RR2Y	2.8	R	CCB
G Seeds	C2605R2	RR2Y	2.6	S	CCB
₋G Seeds	C2890R2	RR2Y	2.8	R	CCB
NK Brand	S26-P3 §	RR2Y	2.6		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	
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		R	



### **Footnotes and Abbreviation Descriptions**

#### **Brand Footnotes**

G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's 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
Р	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\*

<u>.</u>			
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
Cl	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		

 $<sup>\</sup>ensuremath{^{*}}$  Seed treatments may include unspecified plant health promoting components.