

2016 Soybean Top 30 Harvest Report

Iowa Northwest [IANW] ALBERT CITY

Bloom Family Farms, Aaron Bloom, Buena Vista County, IA 51052



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

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
 HARVESTED - STAND: Oct 13 147,900 /A

Early-Season Test
Maturity Group 2.1 - 2.4
 S2016IANW04a

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
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 62002NXR2	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/R2Y	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

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

Averages =	75.6	13.3	6	147.9	\$661
LSD (0.10) =	3.0	0.3	12		
LSD (0.25) =	2.1	0.2	8		
C.V. =	2.9			Prev. years avg. yield, 57.0 bu/a, 2 yrs	

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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Report Date: 10/16/2016 Revised:

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 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Authority First, Flexstar GT, Clethodim, Warrant
 SEEDED - RATE - ROW: May 20 155,000 /A 15" Spacing
 HARVESTED - STAND: Oct 13 147,300 /A

Full-Season Test
Maturity Group 2.5 - 2.8
 S2016IANW04b

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-2600R2	RR2Y	2.6	MR	CCB,In	80.3	13.1	4	148.1	\$702
Asgrow	AG2636 §	RR2Y	2.6	R	ACi	80.2	13.4	4	148.1	\$701
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS	78.6	13.3	4	149.8	\$687
LG Seeds	C2605R2	RR2Y	2.6	S	CCB	77.9	13.4	4	146.4	\$681
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,CI	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	RR2Y	2.8	R	CMBV	77.4	13.3	4	146.4	\$677
Pfister	26R204	RR2Y	2.6	R	CCB	77.3	13.7	4	148.1	\$675
Jacobsen Seed	J856R2	RR2Y	2.6	MR	AC,IL,PV	77.2	13.4	4	148.1	\$675
Jacobsen Seed	J847NR2	RR2Y	2.8	R	AC,IL,PV	76.7	13.4	4	146.4	\$671
Latham	L2645R2	RR2Y	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	RR2Y	2.8	R	CCB,In	75.1	13.5	4	148.1	\$656
Asgrow	AG2836 §	RR2Y	2.8	R	ACi	75.1	13.6	4	146.4	\$656
Kruger	K2-2603	RR2Y	2.6	MR	ACi	73.9	13.1	4	148.1	\$646
Stine	28RH02 §	RR2Y	2.8	R	SFI	73.9	13.5	4	146.4	\$646
Channel	2609R2	RR2Y	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	RR2Y	2.7	R	CCB,Me	73.3	13.3	4	146.4	\$641
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	73.2	14.0	4	149.8	\$639
Latham	L2884R2	RR2Y	2.8	R	CCB	73.0	13.6	4	144.7	\$638
LG Seeds	C2890R2	RR2Y	2.8	R	CCB	72.9	13.5	4	146.4	\$637
NK Brand	S28-N6 §	RR2Y	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/R2Y	RR2Y	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 §	RR2Y	2.6	MR	CCB,Me	70.3	13.3	4	146.4	\$615
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	72.5	13.4	4	146.4	\$634

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Averages =	73.9	13.4	5	147.3	\$646
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LSD (0.25) =	2.7	0.3	ns		
C.V. =	2.9			Prev. years avg. yield, 57.0 bu/a, 2 yrs	

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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.