

2016 Soybean Top 30 Harvest Report

Iowa North Central [IANC] LAURENS
Dale Roewe, Pocahontas County, IA 50554



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

PREV. CROP/HERB: Corn / Halex GT, atrazine
SOIL DESCRIPTION: Clarion loam, mod. well drained, non-irrigated
SOIL CONDITIONS: High P, mod. high K, 5.7 pH, 3 % OM
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Me-Too-Lachlor, Flexstar, Roundup, Warrant
SEEDED - RATE - ROW: May 17 155,000 /A 15" Spacing
HARVESTED - STAND: Oct 11 146,300 /A

Early-Season Test
Maturity Group 2.1 - 2.4
S2016IANC01a

Top 30 of 54
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
Jacobsen Seed	J761NR2X	RRX	2.1	R	AC,IL,PV	66.7	12.0	16	142.9	\$584
Kruger	K2-2103	RR2Y	2.1	R	ACi	64.9	12.2	16	144.7	\$568
Pfister	21R203	RR2Y	2.1	R	CCB	64.7	12.1	16	146.4	\$566
Channel	2108R2	RR2Y	2.1	R	ACi	64.7	12.1	16	146.4	\$566
Steyer	2102R2	RR2Y	2.1	MR	SStd	64.2	12.1	16	146.4	\$562
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL	64.1	11.9	16	148.1	\$561
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	63.6	12.2	16	146.4	\$557
Latham	L2482R2	RR2Y	2.4	R	CCB,Me	62.9	12.0	16	149.8	\$550
Champion	21X77N	RRX	2.1	R	AC,PV	62.8	11.9	16	144.7	\$550
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV	62.8	12.0	16	146.4	\$550
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In	62.8	12.0	16	149.8	\$550
Pfister	21R205	RR2Y	2.1	R	CCB	62.7	12.1	16	148.1	\$549
FS HiSoy	HS 21X60	RRX	2.1	R	ACi,CI	62.7	12.2	16	148.1	\$549
Cornelius	CB23X45	RRX	2.3	R	ACi	62.6	12.3	16	144.7	\$548
Latham	L2184R2X	RRX	2.1	R	SS	62.2	11.9	16	142.9	\$544
FS HiSoy	HS 23A42	RR2Y	2.3	R	ACi	62.0	12.0	16	146.4	\$543
NorthStar	NS 62332NXR2	RRX	2.3	R	CMBV	61.7	12.1	16	148.1	\$540
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	61.6	12.2	16	146.4	\$539
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL	61.6	12.2	16	146.4	\$539
Titan Pro	TP-23X76	RRX	2.3	R	IS	61.5	12.0	16	146.4	\$538
Pfister	24R201	RR2Y	2.4	R	CCB	61.4	12.1	16	144.7	\$537
Renk	RS246NR2	RR2Y	2.4	R	CMBV	61.3	12.3	16	148.1	\$536
Champion	20R35N	RR2Y	2.0	R	AC,PV	61.2	12.5	16	144.7	\$536
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	61.1	12.0	16	148.1	\$535
Champion	22R86N	RR2Y	2.2	R	AC,PV	61.0	12.2	16	144.7	\$534
Stine	24RH62 §	RR2Y	2.4	R	SFI	60.9	12.1	16	144.7	\$533
Hefty	H24X6	RRX	2.4	MR	DST	60.6	12.5	16	148.1	\$530
Steyer	2103XR	RRX	2.1	MR	SStd	60.4	11.9	16	146.4	\$529
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	60.4	12.2	16	144.7	\$529
Renk	RS213NR2	RR2Y	2.1	R	CMBV	60.2	12.2	16	146.4	\$527
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	62.5	12.1	16	146.4	\$547

Corey Rozenboom

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

Averages =	60.0	12.1	16	146.3	\$525
LSD (0.10) =	3.9	0.3	ns		
LSD (0.25) =	2.7	0.2	ns		
C.V. =	4.8				Prev. years avg. yield, 52.2 bu/a, 4 yrs

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

TEST COMMENTS: *What is typically a tough area for soybean production, this growing season provided better yields, especially among earlier varieties. This site was dry much of June with another dry period from last half of July through first week of August. Pod clusters near plant tops were few and seed size relatively small. Largest rain events were 5" Aug 10-11, 5.7" Sept 5-9, followed by 3.3" 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: 10/13/2016 Revised:

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PREV. CROP/HERB: Corn / Halex GT, atrazine
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SOIL CONDITIONS: High P, mod. high K, 5.7 pH, 3 % OM
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Me-Too-Lachlor, Flexstar, Roundup, Warrant
SEEDED - RATE - ROW: May 17 155,000 /A 15" Spacing
HARVESTED - STAND: Oct 11 146,900 /A

Full-Season Test
Maturity Group 2.5 - 2.8
S2016IANC01b

Top 30 of 42
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
Hefty	H25X7	RRX	2.5	MR	DST	64.8	12.5	16	146.4	\$567
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,CI	62.6	12.5	16	144.7	\$548
Hefty	H27X6	RRX	2.7	MR	None	61.9	12.3	16	142.9	\$542
Titan Pro	TP-28X45	RRX	2.8	R	IS	58.9	12.4	16	146.4	\$515
Latham	L2859R2X	RRX	2.8	R	CCB,Me	58.8	12.3	16	146.4	\$515
Jacobsen Seed	J858NR2X	RRX	2.8	R	AC,IL,PV	58.6	12.7	16	146.4	\$513
Steyer	2806XR	RRX	2.8	MR	SStd	58.0	12.4	16	148.1	\$508
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In	57.8	12.8	16	149.8	\$506
Cornelius	CB26R30	RR2Y	2.6	MR	CMBV,IL	56.8	12.2	16	144.7	\$497
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me	56.5	12.2	16	148.1	\$494
Stine	28RH02 §	RR2Y	2.8	R	SFI	56.5	13.0	16	142.9	\$494
Asgrow	AG2836 §	RR2Y	2.8	R	ACi	56.0	12.9	16	149.8	\$490
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me	55.8	12.2	16	146.4	\$488
Pfister	28R202	RR2Y	2.8	R	CCB	55.2	12.8	16	146.4	\$483
Cornelius	CB28R58	RR2Y	2.8	R	CMBV,IL	55.1	12.7	16	149.8	\$482
Jacobsen Seed	J856R2	RR2Y	2.6	MR	AC,IL,PV	54.9	12.3	16	146.4	\$480
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,CI	54.9	12.6	16	149.8	\$480
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me	54.9	12.7	16	148.1	\$480
Hefty	H26X7	RRX	2.6	MR	DST	54.7	11.9	16	144.7	\$479
FS HiSoy	HS 28A42	RR2Y	2.8	R	ACi,CI	54.7	12.7	16	146.4	\$479
Renk	RS276NX	RRX	2.8	R	AM	54.3	12.4	16	144.7	\$475
Cornelius	CB28X73	RRX	2.8	R	CMBV,IL	54.1	12.5	16	146.4	\$473
Latham	L2758R2	RR2Y	2.7	R	CCB,Me	53.8	12.2	16	148.1	\$471
Kruger	K2-2603	RR2Y	2.6	MR	ACi	53.6	12.2	16	146.4	\$469
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	53.4	12.0	16	146.4	\$467
Latham	L2884R2	RR2Y	2.8	R	CCB	53.1	12.3	16	146.4	\$465
LG Seeds	C2890R2	RR2Y	2.8	R	CCB	53.1	12.8	16	149.8	\$465
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	53.0	12.6	16	146.4	\$464
Asgrow	AG2636 §	RR2Y	2.6	R	ACi	52.9	12.3	16	146.4	\$463
Cornelius	CB27X27	RRX	2.7	R	CMBV,IL	52.5	12.6	16	144.7	\$459
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	59.7	12.0	16	146.4	\$522

Corey Rozenboom

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Averages =	54.7	12.5	16	146.9	\$479
LSD (0.10) =	3.8	0.4	ns		
LSD (0.25) =	2.6	0.3	ns		
C.V. =	5.1			Prev. years avg. yield, 52.2 bu/a, 4 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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2016 Soybean - Iowa North Central [IANC]

Early-Season Test Products (54 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
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL
Cornelius	CB23X45	RRX	2.3	R	ACi
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL
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
FS HiSoy	HS 21X60	RRX	2.1	R	ACi,Ci
FS HiSoy	HS 23A42	RR2Y	2.3	R	ACi
FS HiSoy	HS 23X60	RRX	2.3	R	ACi,Ci
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	L2184R2X	RRX	2.1	R	SS
Latham	L2228R2	RR2Y	2.2	R	CCB,Me
Latham	L2454R2X	RRX	2.4	S	CCB,Me
Latham	L2482R2	RR2Y	2.4	R	CCB,Me
LG Seeds	C2126RX	RRX	2.1	R	CCB
LG Seeds	C2441R2	RR2Y	2.4	R	CCB
NK Brand	S21-M7 §	RR2Y	2.1	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-2024R2	RR2Y	2.1	R	CCB,In
Prairie Brand	PB-2296R2	RR2Y	2.2	R	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
Steyer	2102R2	RR2Y	2.1	MR	SStd
Steyer	2103XR	RRX	2.1	MR	SStd
Stine	24RE03 §	RR2Y	2.4	MR	SFI
Stine	24RH62 §	RR2Y	2.4	R	SFI
Titan Pro	TP-21R55	RR2Y	2.1	R	IS
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

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.