

# 2016 Soybean Top 30 Harvest Report

Iowa North Central [ IANC ] MOORLAND

Jeff Loehr, Webster County, IA 50566



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

PREV. CROP/HERB: Corn / Corvus, DiFlex DUO  
 SOIL DESCRIPTION: Nicollet-Webster loam, well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 7 pH, 4.5 % OM  
 TILLAGE/CULTIVATION: Minimum w/ fall till  
 PEST MANAGEMENT: Prowl, Flexstar, Warrant, Select, Priaxor, Fastac  
 SEEDED - RATE - ROW: May 19 155,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 18 145,800 /A

**Early-Season Test**  
**Maturity Group 2.1 - 2.4**  
 S2016IANC02a

**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	<b>81.6</b>	13.9	4	144.7	\$713
FS HiSoy	HS 21X60	RRX	2.1	R	ACi,CI	<b>80.7</b>	14.0	4	146.4	\$705
Prairie Brand	PB-2024R2	RR2Y	2.1	R	CCB,In	<b>80.4</b>	14.1	4	146.4	\$702
Steyer	2103XR	RRX	2.1	MR	SStd	<b>78.4</b>	13.9	4	148.1	\$685
Channel	2108R2	RR2Y	2.1	R	ACi	<b>78.3</b>	14.2	4	149.8	\$683
Renk	RS213NR2	RR2Y	2.1	R	CMBV	<b>78.3</b>	14.3	4	146.4	\$683
Steyer	2102R2	RR2Y	2.1	MR	SStd	<b>78.0</b>	14.1	4	146.4	\$681
LG Seeds	C2126RX	RRX	2.1	R	CCB	<b>77.7</b>	14.0	4	146.4	\$678
Kruger	K2-2103	RR2Y	2.1	R	ACi	<b>77.6</b>	14.3	4	148.1	\$677
Latham	L2184R2X	RRX	2.1	R	SS	<b>77.5</b>	13.9	4	144.7	\$677
Pfister	21R203	RR2Y	2.1	R	CCB	<b>77.1</b>	14.1	4	142.9	\$673
Titan Pro	TP-21X46	RRX	2.1	R	None	<b>76.2</b>	14.1	4	144.7	\$665
Asgrow	AG24X7 §	RRX	2.4	R	ACi	75.5	14.0	4	146.4	\$659
Pfister	21R205	RR2Y	2.1	R	CCB	75.0	14.1	4	148.1	\$655
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV	75.0	14.0	19	146.4	\$655
Jacobsen Seed	J740NR2	RR2Y	2.0	R	AC,IL,PV	74.8	14.1	4	144.7	\$653
Champion	21X77N	RRX	2.1	R	AC,PV	74.6	14.0	4	144.7	\$651
Champion	24R87N	RR2Y	2.4	R	AC,PV	74.6	14.1	4	146.4	\$651
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV	74.4	14.1	4	141.2	\$649
FS HiSoy	HS 23X60	RRX	2.3	R	ACi,CI	74.3	14.2	4	146.4	\$648
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	74.2	14.2	4	149.8	\$647
Champion	20R35N	RR2Y	2.0	R	AC,PV	73.9	14.2	4	146.4	\$645
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	73.8	14.1	4	146.4	\$644
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	72.6	14.2	4	142.9	\$634
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	72.0	14.2	4	144.7	\$628
Renk	RS246NR2	RR2Y	2.4	R	CMBV	71.8	14.1	4	144.7	\$627
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL	71.7	14.1	4	142.9	\$626
Latham	L2482R2	RR2Y	2.4	R	CCB,Me	71.7	14.2	4	148.1	\$626
Jacobsen Seed	J764NR2	RR2Y	2.4	R	AC,IL,PV	71.5	14.1	4	142.9	\$624
Pfister	24R201	RR2Y	2.4	R	CCB	71.5	14.2	4	144.7	\$624
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	70.4	14.1	4	142.9	\$614

Corey Rozenboom  
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Averages =	<b>70.9</b>	<b>14.1</b>	<b>9</b>	<b>145.8</b>	<b>\$619</b>
LSD (0.10) =	4.7	0.2	15		
LSD (0.25) =	3.3	0.1	11		
C.V. =	4.9			Prev. years avg. yield, 44.7 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:** *Planted after a wet May start, this site had ample moisture all season. Favorable weather during the season brought well-timed rainfall that promoted flowering and seed fill. Jeff noted that SDS was common in many fields this season but affected relatively small areas. Plant heights within the plot reached 66" among tallest varieties causing most all varieties to lean slightly.*

† 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: 10/19/2016 Revised:

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 SOIL DESCRIPTION: Nicollet-Webster loam, well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 7 pH, 4.5 % OM  
 TILLAGE/CULTIVATION: Minimum w/ fall till  
 PEST MANAGEMENT: Prowl, Flexstar, Warrant, Select, Priaxor, Fastac  
 SEEDED - RATE - ROW: May 19 155,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 18 146,000 /A

**Full-Season Test**  
**Maturity Group 2.5 - 2.8**  
 S2016IANC02b

**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
Jacobsen Seed	J856R2	RR2Y	2.6	MR	AC,IL,PV	<b>80.0</b>	14.0	4	144.7	\$698
Pfister	26R204	RR2Y	2.6	R	CCB	<b>80.0</b>	14.3	37	148.1	\$698
Asgrow	AG2836 §	RR2Y	2.8	R	ACi	<b>78.6</b>	14.1	4	148.1	\$686
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB	<b>76.9</b>	14.6	24	144.7	\$670
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In	<b>76.6</b>	14.4	4	144.7	\$668
Jacobsen Seed	J847NR2	RR2Y	2.8	R	AC,IL,PV	<b>76.3</b>	14.2	4	144.7	\$666
Cornelius	CB26R30	RR2Y	2.6	MR	CMBV,IL	<b>76.2</b>	14.2	4	149.8	\$665
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS	<b>76.2</b>	14.3	4	146.4	\$665
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	75.5	14.2	19	148.1	\$659
Renk	RS265NR2	RR2Y	2.6	MR	CMBV	75.4	14.2	4	142.9	\$658
Cornelius	CB27X27	RRX	2.7	R	CMBV,IL	75.2	14.1	4	146.4	\$656
Asgrow	AG2636 §	RR2Y	2.6	R	ACi	74.9	14.6	4	146.4	\$653
Stine	28RH02 §	RR2Y	2.8	R	SFI	74.3	14.4	4	146.4	\$648
Latham	L2758R2	RR2Y	2.7	R	CCB,Me	74.2	14.1	4	144.7	\$648
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me	73.3	14.4	4	142.9	\$639
Latham	L2884R2	RR2Y	2.8	R	CCB	72.8	14.5	11	144.7	\$635
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CCB,In	72.3	14.1	19	141.2	\$631
Cornelius	CB28R58	RR2Y	2.8	R	CMBV,IL	72.1	14.1	4	144.7	\$629
Jacobsen Seed	J858NR2X	RRX	2.8	R	AC,IL,PV	71.8	14.2	4	146.4	\$627
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me	71.4	14.3	4	142.9	\$623
Kruger	K2-2603	RR2Y	2.6	MR	ACi	71.2	14.2	4	144.7	\$621
Steyer	2805R2	RR2Y	2.8	MR	SStd	71.0	14.1	4	148.1	\$620
Pfister	28R202	RR2Y	2.8	R	CCB	70.3	14.0	4	148.1	\$614
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,CI	70.3	14.2	4	146.4	\$613
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	70.0	14.2	4	146.4	\$611
Renk	RS276NX	RRX	2.8	R	AM	68.4	14.3	4	149.8	\$597
Hefty	H28X6	RRX	2.8	MR	DST	68.2	14.1	4	148.1	\$595
LG Seeds	C2890R2	RR2Y	2.8	R	CCB	67.8	14.2	4	148.1	\$592
Steyer	2806XR	RRX	2.8	MR	SStd	67.7	14.4	4	148.1	\$590
Latham	L2859R2X	RRX	2.8	R	CCB,Me	67.3	14.3	4	144.7	\$587
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	70.8	14.3	4	146.4	\$618

*Corey Rozenboom*

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Averages =	<b>71.1</b>	<b>14.3</b>	<b>6</b>	<b>146.0</b>	<b>\$620</b>
LSD (0.10) =	4.5	ns	11		
LSD (0.25) =	3.2	ns	8		
C.V. =	4.7				Prev. years avg. yield, 44.7 bu/a, 4 yrs

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Report Date: 10/19/2016 Revised:





## 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.