2016 Soybean Top 30 Harvest Report

Iowa North [IANO] ALGONA Merlin Eischeid, Kossuth County, IA 50511



PREV. CROP/HERB: Corn / Harness, Roundup, Hornet

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

SOIL CONDITIONS: High P, high K, 6.8 pH, 3 % OM

TILLAGE/CULTIVATION: Conventional w/ fall till

PEST MANAGEMENT: Matador, Roundup, Tombstone, Satori

SEEDED - RATE - ROW: May 17 155,000 /A 15" Spacing

Oct 11 145,700 /A HARVESTED - STAND:

Early-Season Test Maturity Group 1.8 - 2.1

S2016IANO02a

Top 30 of 54

For Gross Income (Sorted by Yield) Average of (3) Replications

HARVESTED - STAND.	00111 12	‡5,700 /A						7.00	age or (S) i	Серпсасіон
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	Trt.†	◆ Bu/A ◆	%	%	(x 1000)	Income
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In	84.7	11.8	0	146.4	\$741
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB	84.0	11.7	5	146.4	\$735
Asgrow	AG2035 §	RR2Y	2.0	R	ACi	83.9	12.0	0	146.4	\$734
Hefty	H20X7	RRX	2.0	MR	DST	83.3	11.9	0	144.7	\$729
Renk	RS213NR2	RR2Y	2.1	R	CMBV	83.2	11.8	0	148.1	\$728
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	83.1	11.9	0	144.7	\$727
Cornelius	CB20R44	RR2Y	2.0	R	CMBV,IL	82.7	11.7	0	144.7	\$724
Prairie Brand	PB-2024R2	RR2Y	2.1	R	CCB,In	82.7	11.9	0	144.7	\$724
Stine	20RD20 §	RR2Y	2.0	R	SFI	82.6	11.7	0	148.1	\$723
Latham	L1858R2	RR2Y	1.8	R	CCB,Me	82.5	11.9	0	146.4	\$722
FS HiSoy	HS 19A50	RR2Y	1.9	R	ACi,CI	82.3	11.7	0	148.1	\$720
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB	81.5	11.9	0	149.8	\$713
Steyer	2102R2	RR2Y	2.1	MR	SStd	81.5	12.0	0	146.4	\$713
Latham	L2084R2	RR2Y	2.0	R	CCB,Me	81.4	11.7	0	144.7	\$712
Kruger	K2-1801	RR2Y	1.8	R	ACi	81.2	11.9	0	148.1	\$711
Pfister	21R203	RR2Y	2.1	R	CCB	81.1	11.9	0	146.4	\$710
Titan Pro	TP-21X46	RRX	2.1	R	None	80.8	11.7	0	146.4	\$707
Pfister	21R205	RR2Y	2.1	R	CCB	80.4	11.7	0	148.1	\$704
Prairie Brand	PB-1822R2	RR2Y	1.8	R	CCB,In	80.4	11.8	0	148.1	\$704
Titan Pro	TP-20R25	RR2Y	2.0	R	IS	80.1	11.8	0	148.1	\$701
Champion	20R35N	RR2Y	2.0	R	AC,PV	79.6	11.9	0	146.4	\$697
Pfister	18R201	RR2Y	1.8	R	CCB	79.5	11.8	0	144.7	\$696
NorthStar	NS 2031NR2	RR2Y	2.0	R	CMBV	79.5	11.9	0	146.4	\$696
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	79.2	11.8	0	146.4	\$693
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CCB,In	79.0	11.7	0	144.7	\$691
Cornelius	CB19R71	RR2Y	1.9	R	CMBV,IL	78.9	11.7	0	146.4	\$690
Renk	RS195NR2	RR2Y	1.9	R	CMBV	78.9	11.7	0	142.9	\$690
Stine	19RF32 §	RR2Y	1.9	R	SFI	78.8	11.7	0	146.4	\$690
FS HiSoy	HS 21X60	RRX	2.1	R	ACi,CI	78.8	11.8	0	142.9	\$690
Channel	2108R2	RR2Y	2.1	R	ACi	78.7	11.8	0	146.4	\$689
Croplan	R2C2200 CK	RR2Y	2.2	R	WCX	81.4	11.7	0	142.9	\$712
2 -	0				Averages =	78.1	11.8	0	145.7	\$683
Corey Magen	toon				SD (0.10) =		ns	ns		
Corey Rozenboom				LS	SD(0.25) =	3.1	ns	ns		
•					` '					

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

C.V. =

TEST COMMENTS: There were area reports of SDS due to a cool wet spring but the plot area escaped infection. Seedling emergence was excellent. Rainfall was spread evenly throughout the season that made for tall plants and a lot of well filled pods. Largest rain events were 2.1" Aug 10-11, 2.8" Sept 5-7, followed by 2.9" Sept 15-16. Total rainfall from planting through R6 (Aug 4) was about 1.5" below the 30-yr avg.

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Additional reports available at www.firstseedtests.com

Revised

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

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Prev. years avg. yield, 54.6 bu/a, 9 yrs

Report Date: 10/12/2016

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PEST MANAGEMENT: Matador, Roundup, Tombstone, Satori

SEEDED - RATE - ROW: May 17 155,000 /A 15" Spacing

HARVESTED - STAND: Oct 11 146 400 /A

Full-Season Test Maturity Group 2.2 - 2.5

S2016IANO02b

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For Gross Income (Sorted by Yield) Average of (3) Replications

HARVESTED - STAND:	Oct 11	146,400 /A						Aver	age of (3) F	Replications
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Branc	I† Technol.†	Mat.	Resist.	Trt.†	◆ Bu/A	%	%	(x 1000)	Income
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	78.1	11.8	0	146.4	\$683
Pioneer	P25T51R §	RR	2.5	R	EE,G	76.1	11.7	0	148.1	\$666
Federal	F2170NR2X G	C RRX	2.1	R	MAG	76.1	11.8	0	144.7	\$666
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	75.8	11.6	0	148.1	\$663
Croplan	R2C2450 §	RR2Y	2.4	R	WCX	75.3	11.8	0	146.4	\$659
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL	74.2	11.8	0	144.7	\$649
Hefty	H24X6	RRX	2.4	MR	DST	72.8	11.9	0	148.1	\$637
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV	72.7	11.8	0	148.1	\$636
Channel	2416R2X §	RRX	2.4	R	ACi	72.4	11.9	0	144.7	\$634
Hefty	H25X7	RRX	2.5	MR	DST	72.1	11.8	0	146.4	\$631
FS HiSoy	HS 23A42	RR2Y	2.3	R	ACi	71.8	11.7	0	148.1	\$628
Stine	24RE03 §	RR2Y	2.4	MR	SFI	71.7	11.7	0	144.7	\$627
Channel	2306R2	RR2Y	2.3	R	ACi	71.6	11.7	0	146.4	\$627
Cornelius	CB23X45	RRX	2.3	R	ACi	71.6	11.7	0	146.4	\$627
Pfister	24R201	RR2Y	2.4	R	CCB	71.6	11.8	0	144.7	\$627
Stine	24RH62 §	RR2Y	2.4	R	SFI	71.5	11.7	0	146.4	\$626
Latham	L2482R2	RR2Y	2.4	R	CCB,Me	71.4	11.9	0	149.8	\$625
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	71.4	11.9	0	149.8	\$625
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	71.1	11.7	0	146.4	\$622
Dairyland	DSR-2330/R2	Y RR2Y	2.3	R	CMB	71.0	11.7	0	144.7	\$621
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	71.0	11.8	0	144.7	\$621
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G	71.0	11.9	0	146.4	\$621
Latham	L2348R2X	RRX	2.3	R	CCB,Me	70.9	11.7	0	144.7	\$620
Renk	RS246NR2	RR2Y	2.4	R	CMBV	70.7	11.8	0	149.8	\$619
Titan Pro	TP-23X76	RRX	2.3	R	IS	70.6	11.8	0	142.9	\$618
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In	70.3	11.6	0	144.7	\$615
NK Brand	S25-L9 §	RR2Y	2.5	R	CCB,Me	70.3	11.9	0	149.8	\$615
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me	70.2	11.6	0	146.4	\$614
NorthStar	NS 62332NXR	2 RRX	2.3	R	CMBV	70.2	11.8	0	142.9	\$614
Federal	F247NRR2Y G	C RR2Y	2.4	R	MAG	70.1	11.9	0	148.1	\$613
Croplan	R2C2200 CK	RR2Y	2.2	R	WCX	79.2	11.9	0	144.7	\$693
17.				1	Averages =	71.0	11.8	0	146.4	\$621
Cotey (Colin	Corey Hazenboom					4.6	0.2	ns		
Corey Rozenboom	Corey Rozenboom						0.1	ns		
corey.rozenboom@firstseedtests.com, (319) 830-8886						4.8	Prev.	years avg.	yield, 54.6	bu/a, 9 yrs

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

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Report Date: 10/12/2016 Revised:



Seed Trt

CMBV
SStd
SStd
SFI
SFI
IS
IS
None

2016 Soybean - Iowa North [IANO]

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	,
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	Renk	RS213NR2	RR2Y	2.1	Ì
Asgrow	AG2035 §	RR2Y	2.0	R	ACi	Steyer	2102R2	RR2Y	2.1	
Champion	19R85N	RR2Y	1.9	R	AC,PV	Steyer	2103XR	RRX	2.1	
Champion	19X97N	RRX	1.9	R	AC,PV	Stine	19RF32 §	RR2Y	1.9	_
Champion	20R35N	RR2Y	2.0	R	AC,PV	Stine	20RD20 §	RR2Y	2.0	
Champion	21X77N	RRX	2.1	R	AC,PV	Titan Pro	TP-19X06	RRX	1.9	
Channel	2108R2	RR2Y	2.1	R	ACi	Titan Pro	TP-20R25	RR2Y	2.0	_
Cornelius	CB19R71	RR2Y	1.9	R	CMBV,IL	Titan Pro	TP-21R55	RR2Y	2.1	
Cornelius	CB20R44	RR2Y	2.0	R	CMBV,IL	Titan Pro	TP-21X46	RRX	2.1	
Cornelius	CB21X22	RRX	2.1	R	ACi	Thairi 10	11 21/40	TUOT	2.1	_
Croplan	R2C2200 CK	RR2Y	2.2	R	WCX					
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB					
Dairyland Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB					_
Dairyland Dairyland	DSR-2017/R21 DSR-2110/R2Y	RR2Y	2.0	R	CMB] [
FS HiSoy	HS 18X60	RRX	1.8	R	ACi,Cl] [
FS HiSoy	HS 19A50	RR2Y	1.0	R	ACI,CI	1				_
FS HiSoy	HS 21X60	RRX	2.1	R	ACI,CI ACi,Cl] [
rs nisoy Hefty	H18X7	RRX	1.8	MR	DST] [
Hefty	H20X7	RRX	2.0	MR	DST	l				
Hefty	H21X6	RRX	2.1	MR						
Kruger	K2-1801	RR2Y	1.8	R	ACi					
Kruger	K2-1001	RR2Y	2.1	R	ACi					_
Latham	L1858R2	RR2Y	1.8	R	CCB,Me					
Latham	L1968R2	RR2Y	1.9	R	CCB,Me					
Latham	L2084R2	RR2Y	2.0	R	CCB,Me					_
Latham	L2184R2X	RRX	2.1	R	SS S					
LG Seeds	C1870R2	RR2Y	1.8	R	CCB					
LG Seeds LG Seeds	C2126RX	RRX	2.1	R	CCB					_
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me					
NorthStar	NS 1916NR2	RR2Y	2.0	R	CMBV] [
NorthStar	NS 2031NR2	RR2Y	2.0	R	CMBV	1				_
NorthStar	NS 61882NXR2	RRX	1.8	R	CMBV] [
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV] [
Pfister	18R201	RR2Y	1.8	R	CCB	1				
Pfister	19R24	RR2Y	1.9	R	CCB] [
Pfister	21R203	RR2Y	2.1	R	CCB] [
Pfister	21R205	RR2Y	2.1	R	ССВ	1				_
Pioneer	P20T79R2 §	RR2Y	2.0	R	None] [
Prairie Brand	PB-1822R2	RR2Y	1.8	R	CCB,In] [
Prairie Brand	PB-1022R2 PB-1947R2	RR2Y	1.9	R	CCB,In	1				_
Prairie Brand	PB-1947R2 PB-2024R2	RR2Y	2.1	R	CCB,III] [
Prairie Brand	PB-2024R2 PB-2197R2	RR2Y	2.1	R	CCB,III] [
Renk	RS177NX	RRX	1.8	R	CMBV	1				_
Renk	RS195NR2	RR2Y	1.9	R	CMBV] [
Renk	RS207NX	RRX	2.0	R	CMBV					



2016 Soybean - Iowa North [IANO]

Full-Season Test Products (36 Total)

Asgrow AG24X7 § RRX 2.4 R ACi Channel 2306R2 RR2Y 2.3 R ACi Channel 2416R2X § RRX 2.4 R ACi Cornelius CB22R34 RR2Y 2.2 R CMBV,IL Cornelius CB23X45 RRX 2.3 R ACi Croplan R2C2200 CK RR2Y 2.2 R WCX Croplan R2C2450 § RR2Y 2.4 R WCX Dairyland DSR-2330/R2Y RR2Y 2.3 R CMB Federal F2170NR2X GC RRX 2.1 R MAG Federal F247NRR2Y GC RR2Y 2.4 R MAG FS HiSoy HS 23A42 RR2Y 2.3 R ACi	iny/Bran
Channel 2306R2 RR2Y 2.3 R ACi Channel 2416R2X § RRX 2.4 R ACi Cornelius CB22R34 RR2Y 2.2 R CMBV,IL Cornelius CB23X45 RRX 2.3 R ACi Croplan R2C2200 CK RR2Y 2.2 R WCX Croplan R2C2450 § RR2Y 2.4 R WCX Dairyland DSR-2330/R2Y RR2Y 2.3 R CMB Federal F2170NR2X GC RRX 2.1 R MAG Federal F247NRR2Y GC RR2Y 2.4 R MAG FS HiSoy HS 23A42 RR2Y 2.3 R ACi	
Cornelius CB22R34 RR2Y 2.2 R CMBV,IL Cornelius CB23X45 RRX 2.3 R ACi Croplan R2C2200 CK RR2Y 2.2 R WCX Croplan R2C2450 § RR2Y 2.4 R WCX Dairyland DSR-2330/R2Y RR2Y 2.3 R CMB Federal F2170NR2X GC RRX 2.1 R MAG Federal F247NRR2Y GC RR2Y 2.4 R MAG FS HiSoy HS 23A42 RR2Y 2.3 R ACi	
Cornelius CB23X45 RRX 2.3 R ACi Croplan R2C2200 CK RR2Y 2.2 R WCX Croplan R2C2450 § RR2Y 2.4 R WCX Dairyland DSR-2330/R2Y RR2Y 2.3 R CMB Federal F2170NR2X GC RRX 2.1 R MAG Federal F247NRR2Y GC RR2Y 2.4 R MAG FS HiSoy HS 23A42 RR2Y 2.3 R ACi	
Croplan R2C2200 CK RR2Y 2.2 R WCX Croplan R2C2450 § RR2Y 2.4 R WCX Dairyland DSR-2330/R2Y RR2Y 2.3 R CMB Federal F2170NR2X GC RRX 2.1 R MAG Federal F247NRR2Y GC RR2Y 2.4 R MAG FS HiSoy HS 23A42 RR2Y 2.3 R ACi	
Croplan R2C2450 § RR2Y 2.4 R WCX Dairyland DSR-2330/R2Y RR2Y 2.3 R CMB Federal F2170NR2X GC RRX 2.1 R MAG Federal F247NRR2Y GC RR2Y 2.4 R MAG FS HiSoy HS 23A42 RR2Y 2.3 R ACi	
Dairyland DSR-2330/R2Y RR2Y 2.3 R CMB Federal F2170NR2X GC RRX 2.1 R MAG Federal F247NRR2Y GC RR2Y 2.4 R MAG FS HiSoy HS 23A42 RR2Y 2.3 R ACi	
Federal F2170NR2X GC RRX 2.1 R MAG Federal F247NRR2Y GC RR2Y 2.4 R MAG FS HiSoy HS 23A42 RR2Y 2.3 R ACi	
Federal F247NRR2Y GC RR2Y 2.4 R MAG FS HiSoy HS 23A42 RR2Y 2.3 R ACi	
FS HiSoy HS 23A42 RR2Y 2.3 R ACi	
·	
FO LICO LIC 00VC0 DDV 0.0 D AC: OI	
FS HiSoy HS 23X60 RRX 2.3 R ACi,Cl	
Hefty H23X7 RRX 2.3 S DST	
Hefty H24X6 RRX 2.4 MR DST	
Hefty H25X7 RRX 2.5 MR DST	
Latham L2228R2 RR2Y 2.2 R CCB,Me	
Latham L2348R2X RRX 2.3 R CCB,Me	
Latham L2454R2X RRX 2.4 S CCB,Me	
Latham L2482R2 RR2Y 2.4 R CCB,Me	
LG Seeds C2441R2 RR2Y 2.4 R CCB	
LG Seeds C2520R2 RR2Y 2.5 R CCB	
NK Brand S22-S1 § RR2Y 2.2 R CCB,Me	
NK Brand S25-L9 § RR2Y 2.5 R CCB,Me	
NorthStar NS 2282NR2 RR2Y 2.2 R CMBV	
NorthStar NS 2362NR2 RR2Y 2.3 R CMBV	
NorthStar NS 62332NXR2 RRX 2.3 R CMBV	
Pfister 24R201 RR2Y 2.4 R CCB	
Pioneer P22T41R2 § RR2Y 2.2 R EE,G	
Pioneer P25T51R § RR 2.5 R EE,G	
Prairie Brand PB-2296R2 RR2Y 2.2 R CCB,In	
Prairie Brand PB-2486R2 RR2Y 2.4 R CCB,In	
Renk RS246NR2 RR2Y 2.4 R CMBV	
Stine 24RE03 § RR2Y 2.4 MR SFI	
Stine 24RH62 § RR2Y 2.4 R SFI	
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 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		

 $[\]ensuremath{^{*}}$ Seed treatments may include unspecified plant health promoting components.