

2016 Soybean Top 30 Harvest Report

Iowa North [IANO] ALGONA

Merlin Eischeid, Kossuth County, IA 50511



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

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
 HARVESTED - STAND: Oct 11 145,700 /A

Early-Season Test
Maturity Group 1.8 - 2.1
 S2016IANO02a

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
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

Corey Rozenboom

Corey Rozenboom

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

Averages =	78.1	11.8	0	145.7	\$683
LSD (0.10) =	4.5	ns	ns		
LSD (0.25) =	3.1	ns	ns		
C.V. =	4.2			Prev. years avg. yield, 54.6 bu/a, 9 yrs	

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

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

©2016, all rights reserved by Agronomic Seed Consulting, Inc.

Report Date: 10/12/2016 Revised:

2016 Soybean Top 30 Harvest Report

Iowa North [IANO] ALGONA

Merlin Eischeid, Kossuth County, IA 50511



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

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
 SEEDING - 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

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	
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 GC	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/R2Y	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 62332N XR2	RRX	2.3	R	CMBV	70.2	11.8	0	142.9	\$614	
Federal	F247NRR2Y GC	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	
						Averages =	71.0	11.8	0	146.4	\$621
						LSD (0.10) =	4.6	0.2	ns		
						LSD (0.25) =	3.2	0.1	ns		
						C.V. =	4.8				Prev. years avg. yield, 54.6 bu/a, 9 yrs

Corey Rozenboom

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

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

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

©2016, all rights reserved by Agronomic Seed Consulting, Inc.

Report Date: 10/12/2016 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. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® 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.