

2016 Soybean Top 30 Harvest Report

Iowa North Central [IANC] IOWA FALLS

Mike Aldinger, Hardin County, IA 50126



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

PREV. CROP/HERB: Corn / SureStart, Callisto Xtra
 SOIL DESCRIPTION: Webster-Clarion loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 4 % OM
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Sonic, Flexstar, Roundup, Priaxor, Bolton
 SEEDED - RATE - ROW: May 20 155,000 /A 15" Spacing
 HARVESTED - STAND: Oct 15 144,400 /A

Early-Season Test

Maturity Group 2.1 - 2.4

S2016IANC03a

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
Steyer	2102R2	RR2Y	2.1	MR	SStd	79.1	15.3	9	146.4	\$688
Pfister	21R205	RR2Y	2.1	R	CCB	78.3	16.0	9	146.4	\$680
Pfister	21R203	RR2Y	2.1	R	CCB	77.9	15.2	14	144.7	\$678
Jacobsen Seed	J764NR2	RR2Y	2.4	R	AC,IL,PV	76.3	15.8	9	144.7	\$663
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL	74.6	15.2	20	142.9	\$649
Channel	2108R2	RR2Y	2.1	R	ACi	73.9	16.0	9	146.4	\$642
Kruger	K2-2103	RR2Y	2.1	R	ACi	73.7	15.8	9	144.7	\$641
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In	73.7	15.3	25	148.1	\$641
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	73.2	16.0	9	144.7	\$636
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	72.3	16.4	9	148.1	\$628
Renk	RS213NR2	RR2Y	2.1	R	CMBV	72.2	16.0	9	148.1	\$627
Jacobsen Seed	J740NR2	RR2Y	2.0	R	AC,IL,PV	71.8	16.2	9	141.2	\$624
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL	71.6	15.6	9	142.9	\$623
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	71.3	15.7	9	146.4	\$620
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	71.0	15.6	9	144.7	\$618
Champion	20R35N	RR2Y	2.0	R	AC,PV	70.8	16.6	14	139.5	\$614
Prairie Brand	PB-2024R2	RR2Y	2.1	R	CCB,In	70.4	15.9	9	146.4	\$612
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	70.3	15.6	14	144.7	\$611
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV	70.2	15.0	9	144.7	\$611
Renk	RS246NR2	RR2Y	2.4	R	CMBV	70.2	15.5	9	144.7	\$611
Stine	24RH62 §	RR2Y	2.4	R	SFI	70.2	15.7	9	142.9	\$610
Pfister	24R201	RR2Y	2.4	R	CCB	69.8	15.6	9	146.4	\$607
Champion	22R86N	RR2Y	2.2	R	AC,PV	69.4	15.2	14	141.2	\$604
Latham	L2184R2X	RRX	2.1	R	SS	69.3	15.0	9	144.7	\$604
Titan Pro	TP-21X46	RRX	2.1	R	None	69.2	14.9	11	144.7	\$603
Champion	21X77N	RRX	2.1	R	AC,PV	69.0	15.0	9	139.5	\$601
Hefty	H21X6	RRX	2.1	MR	DST	67.8	15.9	9	146.4	\$589
Hefty	H24X6	RRX	2.4	MR	DST	67.6	15.5	27	146.4	\$588
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	67.0	14.6	9	142.9	\$584
LG Seeds	C2126RX	RRX	2.1	R	CCB	66.8	14.9	9	141.2	\$582
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	71.8	15.6	9	144.7	\$625

Corey Rozenboom

Corey Rozenboom

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Averages =	67.4	15.6	12	144.4	\$586
LSD (0.10) =	5.4	0.7	9		
LSD (0.25) =	3.8	0.5	6		
C.V. =	5.9				Prev. years avg. yield, 55.7 bu/a, 14 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, well into October. Very little disease or pest pressure observed. Some taller varieties, especially later maturities, were leaning pretty good at harvest. Pods were filled all the way to the top and seed size was excellent. Largest rain events were 1.9" June 3, 2.9" Aug 11-12, followed by 2.9" Aug 19.*

† 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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 SOIL CONDITIONS: High P, high K, 6.8 pH, 4 % OM
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Sonic, Flexstar, Roundup, Priaxor, Bolton
 SEEDED - RATE - ROW: May 20 155,000 /A 15" Spacing
 HARVESTED - STAND: Oct 15 144,700 /A

Full-Season Test
Maturity Group 2.5 - 2.8
 S2016IANC03b

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 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
FS HiSoy	HS 28A42	RR2Y	2.8	R	ACi,CI	74.4	15.4	9	142.9	\$647
Cornelius	CB28R58	RR2Y	2.8	R	CMBV,IL	73.9	15.4	9	141.2	\$643
Asgrow	AG2836 §	RR2Y	2.8	R	ACi	73.3	15.1	14	146.4	\$638
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CCB,In	73.0	15.5	9	148.1	\$635
Steyer	2805R2	RR2Y	2.8	MR	SStd	72.6	15.6	11	146.4	\$631
Jacobsen Seed	J858NR2X	RRX	2.8	R	AC,IL,PV	71.4	15.5	9	137.8	\$621
Hefty	H27X6	RRX	2.7	MR	None	70.7	16.1	9	142.9	\$614
Asgrow	AG2636 §	RR2Y	2.6	R	ACi	70.3	15.6	9	146.4	\$611
Cornelius	CB28X73	RRX	2.8	R	CMBV,IL	70.2	15.3	6	144.7	\$611
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me	69.6	16.0	9	144.7	\$605
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In	69.3	16.3	9	149.8	\$602
Latham	L2859R2X	RRX	2.8	R	CCB,Me	68.7	15.8	9	144.7	\$597
Titan Pro	TP-26X16	RRX	2.6	R	IS	68.4	14.8	9	146.4	\$596
Latham	L2884R2	RR2Y	2.8	R	CCB	68.2	15.9	9	149.8	\$593
Stine	28RH02 §	RR2Y	2.8	R	SFI	68.1	16.5	9	142.9	\$591
Hefty	H26X7	RRX	2.6	MR	DST	67.7	14.8	9	148.1	\$590
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	67.7	15.5	14	144.7	\$589
Renk	RS276NX	RRX	2.8	R	AM	67.1	15.7	9	146.4	\$584
Steyer	2806XR	RRX	2.8	MR	SStd	67.0	15.7	9	141.2	\$583
Titan Pro	TP-28X45	RRX	2.8	R	IS	67.0	15.9	9	144.7	\$582
Kruger	K2-2603	RR2Y	2.6	MR	ACi	66.9	15.9	17	142.9	\$581
LG Seeds	C2890R2	RR2Y	2.8	R	CCB	66.7	16.2	9	144.7	\$579
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	65.9	16.9	36	144.7	\$571
Latham	L2758R2	RR2Y	2.7	R	CCB,Me	65.7	15.3	9	146.4	\$572
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB	65.5	17.1	33	148.1	\$568
Hefty	H28X6	RRX	2.8	MR	DST	64.8	15.4	14	141.2	\$564
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	64.4	15.8	9	142.9	\$560
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,CI	63.0	16.3	9	144.7	\$547
Jacobsen Seed	J856R2	RR2Y	2.6	MR	AC,IL,PV	61.9	15.3	9	139.5	\$539
Pfister	26R204	RR2Y	2.6	R	CCB	61.8	16.3	23	146.4	\$537
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	72.4	15.8	11	144.7	\$629

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Averages =	65.9	15.8	11	144.7	\$573
LSD (0.10) =	4.5	0.5	9		
LSD (0.25) =	3.2	0.3	6		
C.V. =	5.1			Prev. years avg. yield, 55.7 bu/a, 14 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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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.