

2017 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: Nicollet-Clarion loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, medium K, 7.6 pH, 4.8% OM, 30.6 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Sonic, Flexstar
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 30 141,000 /A 30" Spacing
 HARVESTED - STAND: Oct 20 134,200 /A

Early-Season Test
Maturity Group 2.1 - 2.5
 S2017IANC03a

Top 30 of 54
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HiSoy	HS 23X70	RRX	2.3	R	67.8	12.8	5	135.0	\$610	1
Titan Pro	TP-24R26	RR2Y	2.4	R	67.5	12.8	0	133.1	\$608	2
Champion	22R38N	RR2Y	2.2	R	67.0	12.8	0	132.3	\$603	3
Golden Harvest	GH1852X §	RRX	1.8	R	67.0	12.9	3	134.1	\$603	4
Cornelius	CB24R82	RR2Y	2.4	R	67.0	12.6	33	135.9	\$603	5
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	66.7	12.8	5	138.4	\$600	6
Cornelius	CB24X64	RRX	2.4	R	66.7	12.8	23	136.4	\$600	7
LG Seeds	C2520R2	RR2Y	2.5	R	66.5	12.6	8	134.8	\$599	8
Asgrow	AG23X8 §	RRX	2.3	R	66.4	12.9	5	134.7	\$598	9
Latham	L2228R2	RR2Y	2.2	R	66.4	12.6	15	133.4	\$598	10
Pfister	24R201	RR2Y	2.4	R	66.3	12.7	17	135.9	\$597	11
Renk	RS246NR2	RR2Y	2.4	R	66.3	12.6	17	134.1	\$597	12
Prairie Brand	PB-2486R2	RR2Y	2.4	R	66.1	12.7	0	130.5	\$595	13
Hefty	H22X7	RRX	2.2	R	66.1	12.9	0	136.9	\$595	14
Prairie Brand	PB-2228R2	RR2Y	2.2	R	65.9	12.8	0	135.9	\$593	15
FS HiSoy	HS 22X70	RRX	2.2	R	65.6	12.8	3	133.6	\$590	16
Prairie Brand	PB-2197R2	RR2Y	2.1	R	65.4	12.9	0	131.4	\$589	17
Jacobsen Seed	J761NR2X	RRX	2.1	R	65.1	12.6	0	134.8	\$586	18
Renk	RS213NR2	RR2Y	2.1	R	65.0	12.5	0	135.2	\$585	19
Latham	L2484R2X	RRX	2.4	R	65.0	12.8	0	135.2	\$585	20
Golden Harvest	GH2230X	RRX	2.2	R	64.7	12.7	0	136.2	\$582	21
Pfister	21R205	RR2Y	2.1	R	64.7	12.6	8	136.1	\$582	22
Golden Harvest	GH2537X §	RRX	2.5	R	64.6	12.8	0	136.6	\$581	23
Champion	24R87N	RR2Y	2.4	R	64.4	12.8	8	133.6	\$580	24
Cornelius	CB22R88	RR2Y	2.2	R	64.4	12.5	30	132.7	\$580	25
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	64.1	12.6	25	132.5	\$577	26
Kruger	K2X-2261	RRX	2.2	R	63.8	12.6	3	129.7	\$574	27
NK Brand	S22-S1 §	RR2Y	2.2	R	63.7	12.8	0	135.3	\$573	28
FS HiSoy	HS 25X70	RRX	2.5	R	63.6	12.7	19	135.0	\$572	29
Titan Pro	TP-21X46	RRX	2.1	R	63.5	12.9	0	130.8	\$572	30
Croplan	R2C2450 CK	RR2Y	2.4	R	61.4	12.7	24	132.5	\$553	41

Corey Rozenboom

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Averages = **63.3** **12.7** **9** **134.2** **\$569**
 LSD (0.10) = 2.6 ns 16.0
 LSD (0.25) = 1.3 0.1 8.4
 C.V. = 3.9

Prev. years avg. yield, 55.5 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: *At harvest, scattered plants with white mold were found throughout the test and many varieties that still had green stems. Standability was an issue here and lodging scores were noted. During the season, 5.5" of rain fell during vegetative stages, 1.3" from bloom to full pod and 8.7" from beginning seed to maturity. Rainfall totals from planting to R6 was about 2.6" below the area 30-yr average.*

† 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: 10/23/2017 Revised:

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SOIL DESCRIPTION: Nicollet-Clarion loam, well drained, non-irrigated
SOIL CONDITIONS: High P, medium K, 7.6 pH, 4.8% OM, 30.6 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Sonic, Flexstar
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 30 141,000 /A 30" Spacing
HARVESTED - STAND: Oct 20 133,900 /A

Full-Season Test
Maturity Group 2.6 - 2.9
S2017IANC03b

Top 30 of 45
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Jacobsen Seed	J876NR2X	RRX	2.6	R	70.5	12.5	5	132.2	\$635	1
Latham	L2982EXGT	BG	2.9	R	69.8	12.3	3	131.3	\$628	2
Kruger	K2X-2852	RRX	2.8	R	68.7	12.5	0	137.5	\$618	3
LG Seeds	C2888RX	RRX	2.8	R	68.6	12.4	8	131.7	\$617	4
Latham	L2887R2X	RRX	2.8	R	68.5	12.4	5	131.9	\$617	5
Hefty	H26X7	RRX	2.6	R	68.1	12.3	8	136.1	\$613	6
Renk	RS268NX	RRX	2.6	R	67.9	12.3	21	134.5	\$611	7
Cornelius	CB27X81	RRX	2.7	R	67.7	12.5	30	137.2	\$609	8
Jacobsen Seed	J878NR2X	RRX	2.8	R	67.3	12.2	0	133.0	\$606	9
Latham	L2682R2X	RRX	2.6	R	67.0	12.3	0	134.1	\$603	10
Kruger	K2X-2863	RRX	2.8	R	67.0	12.6	33	137.6	\$603	11
Stine	28RH02 §	RR2Y	2.8	R	66.9	12.4	39	132.3	\$602	12
Pioneer	P27T59R §	RR	2.7	R	66.7	12.3	0	132.5	\$600	13
Legend	LS 28X840N	RRX	2.8	R	66.6	12.3	0	133.3	\$599	14
Hefty	H28X8	RRX	2.8	R	66.6	12.5	8	133.0	\$599	15
Titan Pro	TP-26X37	RRX	2.6	MR	66.6	12.5	17	136.9	\$599	16
Pioneer	P28T08R §	RR	2.8	R	66.4	12.4	12	132.2	\$598	17
Champion	28R85N	RR2Y	2.8	R	65.8	12.5	0	132.7	\$592	18
Golden Harvest	GH2788X	RRX	2.7	R	65.8	12.4	16	130.3	\$592	19
Renk	RS288NX	RRX	2.8	R	65.7	12.5	25	135.3	\$591	20
FS HiSoy	HS 28X70	RRX	2.8	R	65.6	12.3	0	138.3	\$590	21
Hefty	H29X8	RRX	2.9	R	65.4	12.3	8	135.3	\$589	22
Champion	28X78N	RRX	2.8	R	64.8	12.5	28	135.6	\$583	23
Legend	LS 27R524N	RR2Y	2.7	R	64.0	12.4	0	133.6	\$576	24
Titan Pro	TP-28X47	RRX	2.8	MR	63.7	12.4	3	136.7	\$573	25
Kruger	K2X-2652	RRX	2.6	R	63.4	12.5	17	133.9	\$571	26
Channel	2617R2X	RRX	2.6	R	62.7	12.4	38	134.4	\$564	27
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	62.5	12.4	27	131.9	\$563	28
Pfister	29R25	RR2Y	2.9	R	62.3	12.5	21	134.2	\$561	29
Cornelius	CB26X70	RRX	2.6	R	62.2	12.3	27	134.4	\$560	30
Croplan	R2C2450 CK	RR2Y	2.4	R	61.3	12.7	27	133.8	\$552	32

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Averages = **63.9** **12.4** **18** **133.9** **\$575**
LSD (0.10) = 2.8 ns 22.0
LSD (0.25) = 1.5 ns 11.5
C.V. = 4.2

Prev. years avg. yield, 55.5 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: *At harvest, scattered plants with white mold were found throughout the test and many varieties that still had green stems. Standability was an issue here and lodging scores were noted. During the season, 5.5" of rain fell during vegetative stages, 1.3" from bloom to full pod and 8.7" from beginning seed to maturity. Rainfall totals from planting to R6 was about 2.6" below the area 30-yr average.*

† 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: 10/23/2017 Revised:

2017 Soybean - Iowa North Central [IANC]

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG21X7 §	RRX	2.1	R	ACi	Prairie Brand	PB-2486R2	RR2Y	2.4	R	CMB
Asgrow	AG23X8 §	RRX	2.3	R	ACi	Renk	RS213NR2	RR2Y	2.1	R	EcTC
Asgrow	AG24X7 §	RRX	2.4	R	ACi	Renk	RS228NX	RRX	2.2	R	AM,IL
Champion	21X77N	RRX	2.1	R	EL	Renk	RS246NR2	RR2Y	2.4	R	AM,IL
Champion	22R07N	RR2Y	2.2	R	EL	Renk	RS248NX	RRX	2.4	R	AM,IL
Champion	22R38N	RR2Y	2.2	R	EL	Stine	21RI32 §	RR2Y	2.1	R	SFI
Champion	24R87N	RR2Y	2.4	R	EL	Titan Pro	TP-21X46	RRX	2.1	R	IS,IL
Cornelius	CB22R88	RR2Y	2.2	R	PG+	Titan Pro	TP-24R26	RR2Y	2.4	R	IS,IL
Cornelius	CB22X73	RRX	2.2	R	PG+	Titan Pro	TP-24X87	RRX	2.4	MR	IS,IL
Cornelius	CB24R82	RR2Y	2.4	R	PG+						
Cornelius	CB24X64	RRX	2.4	R	PG+						
Croplan	R2C2450 CK	RR2Y	2.4	R	W,IL						
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB						
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB						
Federal	F2480NR2X	RRX	2.4	R	MAG						
FS HiSoy	HS 22X70	RRX	2.2	R	ACi, IL						
FS HiSoy	HS 23X70	RRX	2.3	R	ACi, IL						
FS HiSoy	HS 24X70	RRX	2.4	R	ACi, IL						
FS HiSoy	HS 25X70	RRX	2.5	R	ACi, IL						
Golden Harvest	GH1852X §	RRX	1.8	R	CCB,Me						
Golden Harvest	GH2041X	RRX	2.0	R	CCB,Me						
Golden Harvest	GH2230X	RRX	2.2	R	CCB,Me						
Golden Harvest	GH2537X §	RRX	2.5	R	CCB,Me						
Hefty	H22X7	RRX	2.2	R	DST						
Hefty	H22X8	RRX	2.2	R	DST						
Hefty	H23X8	RRX	2.3	S	DST						
Hefty	H25X8	RRX	2.5	R	DST						
Jacobsen Seed	J761NR2X	RRX	2.1	R	AC,PV						
Jacobsen Seed	J764NR2	RR2Y	2.4	R	AC,PV						
Jacobsen Seed	J774NR2X	RRX	2.4	R	AC,PV						
Kruger	K2X-2052	RRX	2.0	R	ACi						
Kruger	K2X-2152	RRX	2.1	MR	ACi						
Kruger	K2X-2261	RRX	2.2	R	ACi						
Latham	L2184R2X	RRX	2.1	R	CCB,Me						
Latham	L2228R2	RR2Y	2.2	R	CCB,Me						
Latham	L2368R2X	RRX	2.3	R	CCB,Me						
Latham	L2484R2X	RRX	2.4	R	SS+						
Legend	LS 24R563N	RR2Y	2.4	R	YPP						
LG Seeds	C2441R2	RR2Y	2.4	R	ASfi,IL						
LG Seeds	C2520R2	RR2Y	2.5	R	ASfi,IL						
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me						
Pfister	21R205	RR2Y	2.1	R	CCB						
Pfister	24R201	RR2Y	2.4	R	CCB						
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CMB						
Prairie Brand	PB-2228R2	RR2Y	2.2	R	CMB						

2017 Soybean - Iowa North Central [IANC]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Champion	26R36N	RR2Y	2.6	MR	EL
Champion	26X98N	RRX	2.6	R	None
Champion	28R85N	RR2Y	2.8	R	EL
Champion	28X78N	RRX	2.8	R	EL
Channel	2617R2X	RRX	2.6	R	ACi
Channel	2918R2X	RRX	2.9	R	ACi
Cornelius	CB26R30	RR2Y	2.6	MR	PG+
Cornelius	CB26X70	RRX	2.6	R	PG+
Cornelius	CB27X81	RRX	2.7	R	PG+
Cornelius	CB28X73	RRX	2.8	R	PG+
Croplan	R2C2450 CK	RR2Y	2.4	R	W,IL
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	CMB
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB
FS HiSoy	HS 27X60	RRX	2.7	R	ACi, IL
FS HiSoy	HS 28X70	RRX	2.8	R	ACi, IL
FS HiSoy	HS 29X70	RRX	2.9	R	ACi, IL
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me
Hefty	H26X7	RRX	2.6	R	DST
Hefty	H27X6	RRX	2.7	R	DST
Hefty	H28X8	RRX	2.8	R	DST
Hefty	H29X8	RRX	2.9	R	DST
Jacobsen Seed	J876NR2X	RRX	2.6	R	AC,PV
Jacobsen Seed	J878NR2X	RRX	2.8	R	AC,PV
Kruger	K2X-2652	RRX	2.6	R	ACi
Kruger	K2X-2852	RRX	2.8	R	ACi
Kruger	K2X-2863	RRX	2.8	R	ACi
Latham	L2682R2X	RRX	2.6	R	SS+
Latham	L2758R2	RR2Y	2.7	R	CCB,Me
Latham	L2887R2X	RRX	2.8	R	CCB,Me
Latham	L2982EXGT	BG	2.9	R	SS+
Legend	LS 27R524N	RR2Y	2.7	R	YPP
Legend	LS 28X840N	RRX	2.8	R	YPP
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL
Pfister	26R207	RR2Y	2.6	R	CCB
Pfister	29R25	RR2Y	2.9	R	CCB
Pioneer	P25T51R §	RR	2.5	R	EE,G
Pioneer	P27T59R §	RR	2.7	R	None
Pioneer	P28T08R §	RR	2.8	R	None
Renk	RS268NX	RRX	2.6	R	AM,IL
Renk	RS288NX	RRX	2.8	R	AM,IL
Stine	28RH02 §	RR2Y	2.8	R	SFI
Stine	29RI32 §	RR2Y	2.9	R	SFI
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS,IL
Titan Pro	TP-26X37	RRX	2.6	MR	IS,IL
Titan Pro	TP-28X47	RRX	2.8	MR	IS,IL

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. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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

BG	Balance™ GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	information unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.