

2017 Soybean Top 30 Performance Summary for Iowa North Central [IANC]



Early-Season Test

Maturity Group 2.1 - 2.5

S2017IANCa

Top 30 of 54

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Iowa Falls		Moorland	
										\$/Acre	Rank	Laurens	Waterloo		
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	63.9			12.7	7	\$575	1	64.1	67.3	60.2	63.9
Jacobsen Seed	J761NR2X	RRX	2.1	R	63.6			12.8	1	\$572	2	65.1	70.8	58.2	60.4
Cornelius	CB24R82	RR2Y	2.4	R	63.5			12.7	9	\$572	3	67.0	64.3	61.0	61.6
Hefty	H25X8	RRX	2.5	R	63.4			12.8	1	\$571	4	62.8	68.0	61.4	61.2
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	62.9			12.9	2	\$566	5	66.7	64.2	61.2	59.4
Kruger	K2X-2152	RRX	2.1	MR	62.7			12.8	1	\$564	6	60.8	66.6	59.9	63.4
Titan Pro	TP-24R26	RR2Y	2.4	R	62.7			12.9	1	\$564	7	67.5	63.3	60.5	59.3
Latham	L2228R2	RR2Y	2.2	R	62.6			12.8	4	\$563	8	66.4	65.7	55.8	62.5
Pfister	24R201	RR2Y	2.4	R	62.6			12.9	5	\$563	9	66.3	64.3	59.3	60.4
Asgrow	AG23X8 §	RRX	2.3	R	62.5			12.8	2	\$563	10	66.4	66.1	59.0	58.5
Pfister	21R205	RR2Y	2.1	R	62.4			12.7	3	\$562	11	64.7	64.8	59.2	60.7
Cornelius	CB22X73	RRX	2.2	R	62.4			12.6	4	\$562	12	62.6	63.2	62.5	61.1
LG Seeds	C2520R2	RR2Y	2.5	R	62.3			12.8	3	\$561	13	66.5	63.4	59.4	60.0
Renk	RS246NR2	RR2Y	2.4	R	62.3			12.8	5	\$561	14	66.3	63.9	59.1	59.8
Hefty	H22X7	RRX	2.2	R	62.1			12.8	1	\$559	15	66.1	65.8	53.3	63.3
Prairie Brand	PB-2197R2	RR2Y	2.1	R	62.1			12.9	1	\$559	16	65.4	63.5	58.9	60.4
Prairie Brand	PB-2486R2	RR2Y	2.4	R	62.1			12.9	1	\$559	17	66.1	63.6	59.4	59.1
FS HiSoy	HS 23X70	RRX	2.3	R	61.8			12.9	2	\$556	19	67.8	63.7	55.0	60.8
FS HiSoy	HS 25X70	RRX	2.5	R	61.8			12.8	5	\$556	20	63.6	66.7	55.9	61.1
Kruger	K2X-2261	RRX	2.2	R	61.5			12.6	1	\$554	21	63.8	62.2	58.1	62.0
Cornelius	CB22R88	RR2Y	2.2	R	61.4			12.7	8	\$553	22	64.4	63.7	58.1	59.2
Golden Harvest	GH2537X §	RRX	2.5	R	61.4			13.1	1	\$552	23	64.6	64.5	58.1	58.3
Golden Harvest	GH1852X §	RRX	1.8	R	61.1			13.0	1	\$550	24	67.0	63.8	55.6	57.8
LG Seeds	C2441R2	RR2Y	2.4	R	61.1			13.1	5	\$550	25	60.1	67.1	59.2	58.0
Stine	21R132 §	RR2Y	2.1	R	61.0			12.8	1	\$549	26	63.0	63.8	57.1	60.1
FS HiSoy	HS 22X70	RRX	2.2	R	61.0			13.0	1	\$549	27	65.6	65.3	55.3	57.7
Cornelius	CB24X64	RRX	2.4	R	61.0			12.9	6	\$549	28	66.7	62.4	52.7	62.2
Hefty	H22X8	RRX	2.2	R	60.9			12.7	1	\$548	29	61.3	62.7	60.7	59.0
Golden Harvest	GH2230X	RRX	2.2	R	60.9			12.8	1	\$548	30	64.7	63.4	55.1	60.4
Titan Pro	TP-21X46	RRX	2.1	R	60.7			12.9	1	\$546	31	63.5	63.7	54.8	60.8
Croplan	R2C2450 CK	RR2Y	2.4	R	61.9			12.8	7	\$557	18	61.4	63.5	59.8	62.7

Results available by early-December
Visit www.firstseedtests.com to obtain a revised report

Corey Rozenboom

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Averages =	60.7	12.8	3	\$547	63.3	63.7	56.5	59.3
LSD (0.10) =	1.4	0.2	ns		2.6	2.7	1.8	2.0
LSD (0.25) =	0.8	0.1	sn		1.3	1.4	1.0	1.0

Previous years average yield for region, 52.4 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

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 10/24/2017

Revised:

2017 Soybean Top 30 Performance Summary for Iowa North Central [IANC]



Full-Season Test

Maturity Group 2.6 - 2.9

S2017IANCb

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For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Iowa Falls		Moorland	
										\$/Acre	Rank	Laurens	Waterloo		
Hefty	H26X7	RRX	2.6	R	63.7			12.7	3	\$573	1	68.1	61.0	66.1	59.5
Champion	28R85N	RR2Y	2.8	R	63.1			13.0	1	\$568	2	65.8	65.7	60.3	60.6
Latham	L2982EXGT	BG	2.9	R	63.0			12.8	1	\$567	3	69.8	63.6	63.9	54.6
Kruger	K2X-2852	RRX	2.8	R	62.9			12.9	1	\$566	4	68.7	64.4	58.2	60.3
Jacobsen Seed	J876NR2X	RRX	2.6	R	62.8			12.9	2	\$565	5	70.5	65.9	61.4	53.5
Latham	L2887R2X	RRX	2.8	R	62.5			12.8	2	\$563	6	68.5	65.3	58.6	57.4
Stine	28RH02 §	RR2Y	2.8	R	62.3			12.9	10	\$561	7	66.9	63.0	63.1	56.1
Hefty	H29X8	RRX	2.9	R	61.9			12.8	3	\$557	8	65.4	63.8	64.5	53.7
Pioneer	P28T08R §	RR	2.8	R	61.6			12.9	4	\$554	10	66.4	62.0	59.4	58.6
Renk	RS288NX	RRX	2.8	R	61.6			13.0	7	\$554	11	65.7	62.4	62.6	55.6
Cornelius	CB27X81	RRX	2.7	R	61.4			12.9	8	\$553	12	67.7	63.0	60.5	54.4
LG Seeds	C2888RX	RRX	2.8	R	61.3			12.9	3	\$552	13	68.6	64.3	58.8	53.6
Kruger	K2X-2863	RRX	2.8	R	61.3			13.0	9	\$552	14	67.0	64.4	58.2	55.4
Titan Pro	TP-26X37	RRX	2.6	MR	61.2			13.0	5	\$551	15	66.6	62.2	59.0	57.0
Channel	2617R2X	RRX	2.6	R	61.1			12.9	10	\$550	16	62.7	62.4	62.3	56.9
Kruger	K2X-2652	RRX	2.6	R	61.0			12.9	5	\$549	17	63.4	62.7	61.6	56.4
Jacobsen Seed	J878NR2X	RRX	2.8	R	60.8			12.9	1	\$547	18	67.3	63.5	58.3	53.9
Pioneer	P27T59R §	RR	2.7	R	60.5			12.8	1	\$545	19	66.7	64.7	59.1	51.6
Hefty	H28X8	RRX	2.8	R	60.2			12.8	3	\$542	20	66.6	63.7	57.8	52.8
Cornelius	CB28X73	RRX	2.8	R	60.1			12.9	5	\$541	21	61.9	62.8	60.4	55.4
Champion	28X78N	RRX	2.8	R	60.0			12.9	8	\$540	22	64.8	60.8	61.5	52.9
Golden Harvest	GH2788X	RRX	2.7	R	59.7			12.9	5	\$537	23	65.8	59.7	57.7	55.4
Latham	L2682R2X	RRX	2.6	R	59.6			12.8	1	\$536	24	67.0	59.6	58.5	53.2
Renk	RS268NX	RRX	2.6	R	59.6			12.9	6	\$536	25	67.9	63.5	51.5	55.4
Legend	LS 27R524N	RR2Y	2.7	R	59.3			12.9	1	\$534	26	64.0	58.1	60.1	55.1
Cornelius	CB26X70	RRX	2.6	R	59.2			12.9	7	\$533	27	62.2	60.4	60.5	53.6
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	59.2			12.9	7	\$533	28	62.5	60.7	56.0	57.4
Latham	L2758R2	RR2Y	2.7	R	59.1			12.8	3	\$532	29	58.2	62.3	56.5	59.5
Hefty	H27X6	RRX	2.7	R	59.1			12.8	10	\$532	30	60.4	63.1	56.9	55.8
Legend	LS 28X840N	RRX	2.8	R	59.0			12.8	1	\$531	31	66.6	58.4	57.7	53.3
Croplan	R2C2450 CK	RR2Y	2.4	R	61.7			13.0	7	\$555	9	61.3	64.8	59.8	60.8

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Averages =	59.8	12.9	5	\$538	63.9	61.7	58.2	55.3
LSD (0.10) =	1.7	0.2	ns		2.8	2.3	2.3	2.5
LSD (0.25) =	0.9	0.1	ns		1.5	1.2	1.2	1.3

Previous years average yield for region, 52.4 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

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 10/24/2017

Revised:

2017 Soybean - Iowa North Central [IANC]



Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG21X7 §	RRX	2.1	R	ACi
Asgrow	AG23X8 §	RRX	2.3	R	ACi
Asgrow	AG24X7 §	RRX	2.4	R	ACi
Champion	21X77N	RRX	2.1	R	EL
Champion	22R07N	RR2Y	2.2	R	EL
Champion	22R38N	RR2Y	2.2	R	EL
Champion	24R87N	RR2Y	2.4	R	EL
Cornelius	CB22R88	RR2Y	2.2	R	PG+
Cornelius	CB22X73	RRX	2.2	R	PG+
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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
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
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CMB
Renk	RS213NR2	RR2Y	2.1	R	EcTC
Renk	RS228NX	RRX	2.2	R	AM,IL
Renk	RS246NR2	RR2Y	2.4	R	AM,IL
Renk	RS248NX	RRX	2.4	R	AM,IL
Stine	21RI32 §	RR2Y	2.1	R	SFI
Titan Pro	TP-21X46	RRX	2.1	R	IS,IL
Titan Pro	TP-24R26	RR2Y	2.4	R	IS,IL
Titan Pro	TP-24X87	RRX	2.4	MR	IS,IL

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

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

* Seed treatments may include unspecified plant health promoting components.