

2015 Soybean Top 30 Harvest Report

Iowa North Central [IANC] MOORLAND
 Jeff Loehr, Webster County, IA 50566



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

PREV. CROP/HERB: Corn / Volley NXT, Impact, atrazine
 SOIL DESCRIPTION: Webster-Nicollet clay loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 5 % OM
 TILLAGE/CULTIVATION: Conventional w/o fall till
 PEST MANAGEMENT: Verdict, Outlook, Roundup, Transform, Quilt Xcel
 SEEDED - RATE - ROW: May 23 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 10 148,300 /A

Early-Season Test

2.1 - 2.4 Day RM

S2015IANC02a

Top 30 of 54

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Dyna-Gro	S23RY85	RR2Y	2.30	R	CCB	61.4	12.3	0	154.9	\$503
FS HiSOY	HS 23A42	RR2Y	2.30	R	CCB	61.1	11.6	0	139.4	\$501
Steyer	2102R2	RR2Y	2.10	MR	CCB	61.0	11.8	0	147.1	\$500
Federal	F235NRR2Y	RR2Y	2.30	R	CMB	60.4	11.2	0	154.9	\$495
Latham	L2387R2	RR2Y	2.30	R	CMB,CI	59.7	12.1	0	127.8	\$490
Latham	L2228R2	RR2Y	2.20	R	CMB,CI	59.6	12.0	0	147.1	\$489
Channel	2108R2	RR2Y	2.10	R	ACi	59.4	11.5	0	147.1	\$487
Titan Pro	22M12	RR2Y	2.20	R	CCB	59.3	11.8	0	154.9	\$486
Pioneer	P20T79R2 §	RR2Y	2.00	R	EE,C,CI	59.2	11.3	0	139.4	\$485
Pfister	21R201	RR2Y	2.10	R	CCB	59.1	11.6	0	131.6	\$485
FS HiSOY	HS 24A50	RR2Y	2.40	R	CCB	59.0	11.8	0	147.1	\$484
Kruger	K2-2103	RR2Y	2.10	R	ACi	58.7	11.4	0	147.1	\$481
Dairyland	DSR-2110/R2Y	RR2Y	2.10	R	CMB	58.7	11.9	0	151.0	\$481
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB	58.4	12.7	0	162.6	\$479
Dyna-Gro	S21RY56	RR2Y	2.10	R	CCB	58.0	11.7	0	131.6	\$476
Champion	20R35N	RR2Y	2.00	R	CMB	58.0	12.1	0	166.5	\$476
Kruger	K2-2305	RR2Y	2.30	MR	ACi	56.9	12.0	0	147.1	\$467
Federal	F226NRR2Y	RR2Y	2.20	R	CMB	56.6	11.4	0	139.4	\$464
Cornelius	CB22R34	RR2Y	2.20	R	CCB	56.5	11.5	0	127.8	\$463
FS HiSOY	HS 21A50	RR2Y	2.10	R	CCB	56.2	11.7	0	162.6	\$461
Prairie Brand	PB-2156R2	RR2Y	2.10	R	CMBV	56.2	12.0	0	147.1	\$461
Hefty	H24R6	RR2Y	2.30	MR	DST	56.2	12.1	0	147.1	\$461
Prairie Brand	PB-2024R2	RR2Y	2.10	R	CMBV	55.9	11.8	0	143.3	\$458
Prairie Brand	PB-2296R2	RR2Y	2.20	R	CMBV	55.6	11.6	0	131.6	\$456
Hefty	H21R6	RR2Y	2.10	MR	DST	55.5	12.0	0	151.0	\$455
Cornelius	CB24R82	RR2Y	2.40	R	CCB	55.4	11.9	0	143.3	\$454
Pfister	24R201	RR2Y	2.40	R	CCB	55.3	12.0	0	135.5	\$453
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	55.2	11.7	0	143.3	\$453
Latham	L2482R2	RR2Y	2.40	R	SS+	55.2	12.1	0	151.0	\$453
Latham	L2145R2	RR2Y	2.10	MR	CMB,CI	55.1	12.1	0	174.2	\$452
Croplan	R2C2394 CK	RR2Y	2.30	R	WCX	59.9	12.2	0	154.9	\$491

Corey Rozenboom

Corey Rozenboom
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Averages =	54.9	11.9	0	148.3	\$450
LSD (0.10) =	4.1	ns	ns		
LSD (0.25) =	2.8	ns	ns		
C.V. =	5.5	5.1			

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.20 GMO; \$8.20 non-GMO

TEST COMMENTS: *Wet May weather caused area planting delays. Heavy showers after planting may have contributed to soil crusting and reduced plant stands. Germination across the tests averaged 87%. Early season saturated soils reduced vegetative growth and favorable July weather assisted flowering. Storms brought 2.96" on Aug 8 and 3.3" on Aug 28. Rainfall as of Sept 30 was 6.65" over 30-yr site 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: 10/11/2015 Revised:

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 HARVESTED - STAND: Oct 10 141,300 /A

Full-Season Test
2.5 - 2.8 Day CRM
 S2015IANC02b

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Stine	28RF02 §	RR2Y	2.80	R	Sfi	61.2	13.0	0	151.0	\$502
Pioneer	P25T51R §	RR	2.50	R	EE,C,CI	61.1	12.6	0	147.1	\$501
LG Seeds	C2890R2	RR2Y	2.80	R	AC,PV	59.5	13.0	0	154.9	\$488
Hefty	H28R5	RR2Y	2.80	MR	DST	59.3	12.6	0	147.1	\$486
NK Brand	S25-L9 §	RR2Y	2.50	R	CCB	58.7	12.2	0	123.9	\$481
Cornelius	CB26R30	RR2Y	2.60	MR	CCB	58.6	12.2	0	143.3	\$481
Curry	1252 GC	RR	2.50	R	CC	58.4	12.3	0	158.8	\$479
Dairyland	DSR-2616/R2Y	RR2Y	2.60	MR	CMB	58.2	12.1	0	123.9	\$477
Kruger	K2-2603	RR2Y	2.60	MR	ACi	58.1	11.9	0	139.4	\$476
FS HiSOY	HS 26A50	RR2Y	2.60	R	CCB	57.8	11.6	0	127.8	\$474
Steyer	2604R2	RR2Y	2.60	MR	CMBV	57.8	12.3	0	139.4	\$474
Titan Pro	25M22	RR2Y	2.50	R	CMBV	57.7	12.6	0	127.8	\$473
Curry	1246 GC	RR	2.40	R	CC	57.6	11.5	0	139.4	\$472
Prairie Brand	PB-2600R2	RR2Y	2.50	MR	CMBV	57.6	12.3	0	139.4	\$472
Titan Pro	TP-26R35	RR2Y	2.60	MR	None	57.5	12.4	0	151.0	\$472
Hefty	H26R6	RR2Y	2.60	MR	DST	57.3	12.1	0	135.5	\$470
Latham	L2884R2	RR2Y	2.80	R	CMB,CI	57.1	12.9	0	154.9	\$468
Dyna-Gro	S26RS75	RR2Y,ST	2.60	R	CCB	56.6	12.4	0	147.1	\$464
Kruger	K2-2803	RR2Y	2.80	R	ACi	56.6	12.5	0	139.4	\$464
Stine	28RE20 §	RR2Y	2.80	R	Sfi	56.4	12.3	0	151.0	\$462
Prairie Brand	PB-2997R2	RR2Y	2.80	R	CMBV	56.4	13.1	0	151.0	\$462
Kruger	K2-2705	RR2Y	2.70	R	ACi	55.6	12.1	0	143.3	\$456
Steyer	2805R2	RR2Y	2.80	MR	CMBV	55.5	13.1	0	135.5	\$455
Federal	F296NRR2Y	RR2Y	2.90	R	CCB	55.5	13.2	0	120.0	\$455
FS HiSOY	HS 27A50	RR2Y	2.70	R	CCB	55.4	12.4	0	116.2	\$454
Hefty	H28R4	RR2Y	2.80	MR	DST	55.4	13.2	0	147.1	\$454
Asgrow	AG2836 §	RR2Y	2.80	R	ACi	55.4	13.7	0	131.6	\$454
Pfister	26R29	RR2Y	2.60	R	CCB	55.2	11.7	0	135.5	\$453
Latham	L2758R2	RR2Y	2.70	R	CMB,CI	55.2	11.8	0	154.9	\$453
FS HiSOY	HS 25A42	RR2Y	2.50	R	CCB	55.2	11.9	0	158.8	\$453
Croplan	R2C2394 CK	RR2Y	2.30	R	WCX	59.7	12.3	0	139.4	\$490

Averages = **55.5** **12.5** **0** **141.3** **\$455**
 LSD (0.10) = 3.8 0.7 ns
 LSD (0.25) = 2.6 0.5 ns
 C.V. = 5.0 3.9

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2015 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
Champion	20R35N	RR2Y	2.00	R	CMB	Prairie Brand	PB-2486R2	RR2Y	2.40	R	CMBV
Champion	21R66N	RR2Y	2.10	R	CMB	Renk	RS213NR2	RR2Y	2.10	R	CMB
Champion	22R86N	RR2Y	2.20	R	CMB	Renk	RS241R2	RR2Y	2.40	S	CMB
Champion	23R73N	RR2Y	2.30	R	CMB	Renk	RS246NR2	RR2Y	2.40	R	None
Channel	2108R2	RR2Y	2.10	R	ACi	Steyer	2102R2	RR2Y	2.10	MR	CCB
Channel	2306R2	RR2Y	2.30	R	ACi	Titan Pro	22M12	RR2Y	2.20	R	CCB
Cornelius	CB22R34	RR2Y	2.20	R	CCB	Titan Pro	TP-21R55	RR2Y	2.10	R	CCB
Cornelius	CB22R60	RR2Y	2.20	R	CCB	Titan Pro	TP-23R04	RR2Y	2.30	R	CCB
Cornelius	CB24R82	RR2Y	2.40	R	CCB	Titan Pro	TP-24R24	RR2Y	2.40	R	CCB
Cornelius	CB24R99	RR2Y	2.40	S	CCB						
Croplan	R2C2394 CK	RR2Y	2.30	R	WCX						
Curry	1225 GC	RR	2.20	R	CC						
Dairyland	DSR-2110/R2Y	RR2Y	2.10	R	CMB						
Dairyland	DSR-2330/R2Y	RR2Y	2.30	R	CMB						
Dyna-Gro	S21RY56	RR2Y	2.10	R	CCB						
Dyna-Gro	S23RY85	RR2Y	2.30	R	CCB						
Dyna-Gro	S24RY65	RR2Y	2.40	R	CCB						
Federal	F215NRR2Y	RR2Y	2.10	R	CMB						
Federal	F226NRR2Y	RR2Y	2.20	R	CMB						
Federal	F235NRR2Y	RR2Y	2.30	R	CMB						
Federal	F245NRR2Y	RR2Y	2.40	R	CMB						
FS HiSOY	HS 21A50	RR2Y	2.10	R	CCB						
FS HiSOY	HS 23A42	RR2Y	2.30	R	CCB						
FS HiSOY	HS 24A50	RR2Y	2.40	R	CCB						
Hefty	H21R6	RR2Y	2.10	MR	DST						
Hefty	H24R6	RR2Y	2.30	MR	DST						
Jacobsen Seed	J744NR2	RR2Y	2.40	R	G,T						
Jacobsen Seed	J752NR2	RR2Y	2.20	R	G,T						
Kruger	K2-2103	RR2Y	2.10	R	ACi						
Kruger	K2-2305	RR2Y	2.30	MR	ACi						
Kruger	K2-2402	RR2Y	2.40	R	ACi						
Latham	L2145R2	RR2Y	2.10	MR	CMB,Ci						
Latham	L2228R2	RR2Y	2.20	R	CMB,Ci						
Latham	L2387R2	RR2Y	2.30	R	CMB,Ci						
Latham	L2482R2	RR2Y	2.40	R	SS+						
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV						
NK Brand	S21-M7 §	RR2Y	2.10	R	CCB						
Pfister	21R201	RR2Y	2.10	R	CCB						
Pfister	24R201	RR2Y	2.40	R	CCB						
Pfister	24R22	RR2Y	2.40	R	CCB						
Pioneer	P20T79R2 §	RR2Y	2.00	R	EE,C,Ci						
Pioneer	P22T61R §	RR	2.20	R	EE,C,Ci						
Prairie Brand	PB-2024R2	RR2Y	2.10	R	CMBV						
Prairie Brand	PB-2156R2	RR2Y	2.10	R	CMBV						
Prairie Brand	PB-2296R2	RR2Y	2.20	R	CMBV						

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Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2535 §	RR2Y	2.50	MR	ACi	Renk	RS286NR2	RR2Y	2.80	R	None
Asgrow	AG2636 §	RR2Y	2.60	R	ACi	Steyer	2503R2	RR2Y,ST	2.50	MR	CCB
Asgrow	AG2836 §	RR2Y	2.80	R	ACi	Steyer	2604R2	RR2Y	2.60	MR	CMBV
Channel	2609R2	RR2Y	2.60	R	ACi	Steyer	2805R2	RR2Y	2.80	MR	CMBV
Cornelius	CB25R78	RR2Y	2.50	R	CCB	Stine	26RD02 §	RR2Y	2.60	R	Sfi
Cornelius	CB26R30	RR2Y	2.60	MR	CCB	Stine	28RE20 §	RR2Y	2.80	R	Sfi
Cornelius	CB28R58	RR2Y	2.80	R	CCB	Stine	28RF02 §	RR2Y	2.80	R	Sfi
Croplan	R2C2394 CK	RR2Y	2.30	R	WCX	Titan Pro	25M22	RR2Y	2.50	R	CMBV
Curry	1246 GC	RR	2.40	R	CC	Titan Pro	TP-26R35	RR2Y	2.60	MR	None
Curry	1252 GC	RR	2.50	R	CC						
Curry	1279 GC	RR	2.70	R	CC						
Dairyland	DSR-2616/R2Y	RR2Y	2.60	MR	CMB						
Dyna-Gro	S26RS75	RR2Y,ST	2.60	R	CCB						
Dyna-Gro	S27RY66	RR2Y	2.70	R	CCB						
Federal	F266RR2Y	RR2Y	2.60	S	CMB						
Federal	F296NRR2Y	RR2Y	2.90	R	CCB						
FS HiSOY	HS 25A42	RR2Y	2.50	R	CCB						
FS HiSOY	HS 26A50	RR2Y	2.60	R	CCB						
FS HiSOY	HS 27A50	RR2Y	2.70	R	CCB						
FS HiSOY	HS 28A42	RR2Y	2.80	R	CCB						
Hefty	H26R6	RR2Y	2.60	MR	DST						
Hefty	H27R5	RR2Y	2.70	MR	DST						
Hefty	H28R4	RR2Y	2.80	MR	DST						
Hefty	H28R5	RR2Y	2.80	MR	DST						
Jacobsen Seed	J847NR2	RR2Y	2.80	R	G,T						
Jacobsen Seed	J859NR2	RR2Y	2.90	R	G,T						
Kruger	K2-2603	RR2Y	2.60	MR	ACi						
Kruger	K2-2705	RR2Y	2.70	R	ACi						
Kruger	K2-2803	RR2Y	2.80	R	ACi						
Latham	L2538R2	RR2Y	2.50	R	SS+						
Latham	L2645R2	RR2Y	2.60	MR	CMB,Ci						
Latham	L2758R2	RR2Y	2.70	R	CMB,Ci						
Latham	L2884R2	RR2Y	2.80	R	CMB,Ci						
LG Seeds	C2744R2	RR2Y	2.70	R	AC,PV						
LG Seeds	C2890R2	RR2Y	2.80	R	AC,PV						
NK Brand	S25-L9 §	RR2Y	2.50	R	CCB						
NK Brand	S28-D3 §	RR2Y	2.80	MR	CCB						
Pfister	26R29	RR2Y	2.60	R	CCB						
Pfister	28R202	RR2Y	2.80	R	CCB						
Pioneer	P25T51R §	RR	2.50	R	EE,C,Ci						
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV						
Prairie Brand	PB-2600R2	RR2Y	2.50	MR	CMBV						
Prairie Brand	PB-2997R2	RR2Y	2.80	R	CMBV						
Renk	RS263NR2	RR2Y	2.60	R	None						
Renk	RS265NR2	RR2Y	2.60	MR	None						

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
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
?	info unavailable

Soybean Seed Treatments*

?	Information not provided	En	Encase®
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	Gr	Great Start™ Max
AV	Avicta®	IL	ILeVO®
AVB	Avicta® Complete Beans	IS	Intego™ Suite
C	Cruiser®	None	untreated
CC	Curry® Coat	PS	MAS ProShield™ QV
CCB	Clariva™ Complete Beans	PV	Poncho®/Votivo®
Cl	Clariva™ pn	Ri	Rizolex™
CMB	CruiserMaxx® Beans	Sfi	Stine fungicide & insecticide products
CMBV	CruiserMaxx® Beans with Vibrance	SS+	Soyshield Plus™
DPHB	DPH Boost®	T	Trilex®
DST	Dominance™ ST	TE	Trius Elite
Ec	Eclipse™ IM	TT	Turbo Treat™
EE	Evergol™ Energy	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.