

2015 Soybean Top 30 Harvest Report

Iowa North [IANO] EMMETSBURG

Tom Quastad, Iowa Lakes Comm. College, Palo Alto County, IA 50536



PREV. CROP/HERB: Corn / Breakfree ATZ Lite, Realm Q
 SOIL DESCRIPTION: Nicollet-Clarion clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 4.7 % OM
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup, Cobalt, Stratego
 SEEDED - RATE - ROW: May 5 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 7 158,300 /A

Early-Season Test

1.8 - 2.1 Day RM

S2015IANO01a

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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
Renk	RS195NR2	RR2Y	1.90	R	None	68.4	10.6	13	158.8	\$561
Cornelius	CB20R44	RR2Y	2.00	R	CCB	67.3	10.3	14	166.5	\$552
Dairyland	DSR-2110/R2Y	RR2Y	2.10	R	CMB	66.9	11.0	26	143.3	\$549
Latham	L2128R2	RR2Y	2.10	R	CMB,CI	66.7	10.9	17	166.5	\$547
NK Brand	S21-M7 §	RR2Y	2.10	R	CCB	66.5	10.8	34	143.3	\$545
Hefty	H20R3	RR2Y	2.00	MR	DST	65.7	10.9	7	166.5	\$539
Hefty	H19R6	RR2Y	1.90	MR	DST	65.6	10.7	9	166.5	\$538
Latham	L2084R2	RR2Y	2.00	R	SS+	65.4	11.4	20	151.0	\$536
Asgrow	AG2035 §	RR2Y	2.00	R	ACi	65.0	11.1	20	147.1	\$533
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	63.8	10.8	7	158.8	\$523
Renk	RS213NR2	RR2Y	2.10	R	CMB	63.8	10.7	19	143.3	\$523
Federal	F195NRR2Y	RR2Y	1.90	R	None	63.7	11.0	11	182.0	\$522
Pfister	21R201	RR2Y	2.10	R	CCB	63.7	10.8	20	166.5	\$522
Steyer	2102R2	RR2Y	2.10	MR	CCB	63.6	10.7	30	162.6	\$522
Latham	L1968R2	RR2Y	1.90	R	CMB,CI	63.5	10.9	25	147.1	\$521
Cornelius	CB19R71	RR2Y	1.90	R	CCB	63.3	11.1	8	162.6	\$519
Cornelius	CB19R86	RR2Y	1.90	R	CCB	63.1	10.6	17	170.4	\$517
LG Seeds	C1917R2	RR2Y	1.90	R	AC,PV	62.8	10.9	14	178.1	\$515
Pioneer	P20T79R2 §	RR2Y	2.00	R	EE,C,CI	62.7	10.6	28	174.2	\$514
FS HiSOY	HS 19A50	RR2Y	1.90	R	CCB	62.6	10.8	14	158.8	\$513
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	62.2	10.6	27	158.8	\$510
Steyer	2001R2	RR2Y	2.00	MR	CCB	61.6	11.0	17	162.6	\$505
Dyna-Gro	S20RY45	RR2Y	2.00	R	CCB	61.6	11.3	22	151.0	\$505
FS HiSOY	HS 21A50	RR2Y	2.10	R	CCB	61.6	11.0	31	166.5	\$505
Kruger	K2-2103	RR2Y	2.10	R	ACi	61.4	11.1	8	170.4	\$503
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV	61.4	11.2	23	162.6	\$503
Pfister	19R24	RR2Y	1.90	R	CCB	61.3	11.0	16	139.4	\$503
Kruger	K2-2002	RR2Y	2.00	MR	ACi	61.2	10.8	17	158.8	\$502
Channel	2108R2	RR2Y	2.10	R	ACi	60.9	10.9	18	162.6	\$499
Cornelius	CB20R14	RR2Y	2.00	R	CCB	60.6	11.3	15	166.5	\$497
Croplan	R2C2200 CK	RR2Y	2.20	R	WCX	62.2	11.1	10	162.6	\$510

Corey Rozenboom

Corey Rozenboom

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

Averages =	61.4	11.0	19	158.3	\$503
LSD (0.10) =	3.9	0.5	16		
LSD (0.25) =	2.7	0.3	11		
C.V. =	4.7	3.4			

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

TEST COMMENTS: Great stand across this site. Fungicide was applied and kept plants healthy and green until maturity. Except for the 5.56 inches received Aug 16-18, moderate rainfall was consistent throughout the season and allowed for tremendous vegetative growth that led to lodging at harvest. Scattered plants were infected with white mold. The season ended 5.32" above the 30-year 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: 10/07/2015 Revised:

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

PREV. CROP/HERB: Corn / Breakfree ATZ Lite, Realm Q
 SOIL DESCRIPTION: Nicollet-Clarion clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 4.7 % OM
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup, Cobalt, Stratego
 SEEDED - RATE - ROW: May 5 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 7 158,200 /A

Full-Season Test
2.2 - 2.5 Day CRM
 S2015IANO01b

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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	22RD00 §	RR2Y	2.20	R	Sfi	68.4	10.8	18	170.4	\$561
Latham	L2482R2	RR2Y	2.40	R	SS+	68.1	10.9	11	162.6	\$558
Renk	RS241R2	RR2Y	2.40	S	CMB	68.1	10.6	14	158.8	\$558
Titan Pro	25M22	RR2Y	2.50	R	CMBV	67.5	11.0	17	166.5	\$554
Prairie Brand	PB-2486R2	RR2Y	2.40	R	CMBV	67.1	10.8	9	154.9	\$550
Latham	L2228R2	RR2Y	2.20	R	CMB,CI	66.4	10.7	11	143.3	\$544
FS HiSOY	HS 23A42	RR2Y	2.30	R	CCB	66.0	11.1	10	162.6	\$541
Federal	F226NRR2Y	RR2Y	2.20	R	CMB	66.0	10.9	23	151.0	\$541
Cornelius	CB22R34	RR2Y	2.20	R	CCB	65.9	10.7	22	162.6	\$540
Dyna-Gro	S23RY85	RR2Y	2.30	R	CCB	65.8	10.7	8	166.5	\$540
Hefty	H24R6	RR2Y	2.30	MR	DST	65.6	10.9	17	154.9	\$538
NK Brand	S25-L9 §	RR2Y	2.50	R	CCB	65.4	11.1	11	151.0	\$536
Stine	25RH62 §	RR2Y	2.50	R	Sfi	65.4	11.7	14	162.6	\$536
Renk	RS246NR2	RR2Y	2.40	R	None	65.2	10.8	11	147.1	\$535
Dairyland	DSR-2330/R2Y	RR2Y	2.30	R	CMB	64.9	10.8	11	151.0	\$532
Pioneer	P25T51R §	RR	2.50	R	EE,C,CI	64.8	10.7	14	166.5	\$531
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	64.8	10.9	14	154.9	\$531
Pfister	24R201	RR2Y	2.40	R	CCB	64.8	10.9	14	151.0	\$531
Prairie Brand	PB-2296R2	RR2Y	2.20	R	CMBV	64.7	10.5	9	154.9	\$531
Cornelius	CB24R82	RR2Y	2.40	R	CCB	64.5	10.8	9	170.4	\$529
FS HiSOY	HS 24A50	RR2Y	2.40	R	CCB	64.2	10.9	17	147.1	\$526
Steyer	2503R2	RR2Y,ST	2.50	MR	CCB	63.9	11.3	9	170.4	\$524
Channel	2306R2	RR2Y	2.30	R	ACi	63.2	10.6	6	174.2	\$518
Stine	24RF02 §	RR2Y	2.40	R	Sfi	62.8	10.9	11	151.0	\$515
Viking	2282R2N	RR2Y	2.20	R	PV,IL	62.8	10.3	22	166.5	\$515
Cornelius	CB25R78	RR2Y	2.50	R	CCB	62.6	11.1	6	162.6	\$513
Curry	1225 GC	RR	2.20	R	CC	62.3	11.2	17	147.1	\$511
Pfister	24R22	RR2Y	2.40	R	CCB	62.3	10.6	29	147.1	\$511
Steyer	2202R2	RR2Y	2.20	S	CCB	61.9	11.2	7	154.9	\$508
Titan Pro	TP-24R24	RR2Y	2.40	R	CCB	61.9	10.9	11	182.0	\$508
Croplan	R2C2200 CK	RR2Y	2.20	R	WCX	62.6	10.8	20	151.0	\$513

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2015 Soybean - Iowa North [IANO]

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	AG1935 §	RR2Y	1.90	R	ACi	Steyer	2001R2	RR2Y	2.00	MR	CCB
Asgrow	AG2035 §	RR2Y	2.00	R	ACi	Steyer	2102R2	RR2Y	2.10	MR	CCB
Asgrow	AG2136 §	RR2Y	2.10	R	ACi	Titan Pro	TP-18R24	RR2Y	1.80	R	CCB
Channel	2108R2	RR2Y	2.10	R	ACi	Titan Pro	TP-20R25	RR2Y	2.00	R	CCB
Cornelius	CB19R71	RR2Y	1.90	R	CCB	Titan Pro	TP-21R55	RR2Y	2.10	R	CCB
Cornelius	CB19R86	RR2Y	1.90	R	CCB	Titan Pro	TP-21R74	RR2Y	2.10	R	CCB
Cornelius	CB20R14	RR2Y	2.00	R	CCB	Viking	1909R2N	RR2Y	1.90	R	PV,IL
Cornelius	CB20R44	RR2Y	2.00	R	CCB	Viking	2000R2N	RR2Y	2.00	R	PV,IL
Croplan	R2C2200 CK	RR2Y	2.20	R	WCX	Viking	2055R2N	RR2Y	2.00	R	CMB
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB						
Dairyland	DSR-2110/R2Y	RR2Y	2.10	R	CMB						
Dyna-Gro	S20RY45	RR2Y	2.00	R	CCB						
Dyna-Gro	S21RY56	RR2Y	2.10	R	CCB						
Federal	F185NRR2Y	RR2Y	1.80	R	CCB						
Federal	F195NRR2Y	RR2Y	1.90	R	None						
Federal	F205NRR2Y	RR2Y	2.00	R	CCB						
Federal	F215NRR2Y	RR2Y	2.10	R	CMB						
FS HiSOY	HS 19A50	RR2Y	1.90	R	CCB						
FS HiSOY	HS 21A50	RR2Y	2.10	R	CCB						
Hefty	H18R5	RR2Y	1.80	MR	DST						
Hefty	H19R6	RR2Y	1.90	MR	DST						
Hefty	H20R3	RR2Y	2.00	MR	DST						
Hefty	H21R6	RR2Y	2.10	MR	DST						
Kruger	K2-1801	RR2Y	1.80	R	ACi						
Kruger	K2-1901	RR2Y	1.90	MR	ACi						
Kruger	K2-2002	RR2Y	2.00	MR	ACi						
Kruger	K2-2103	RR2Y	2.10	R	ACi						
Latham	L1882R2	RR2Y	1.80	R	SS+						
Latham	L1968R2	RR2Y	1.90	R	CMB,Ci						
Latham	L2084R2	RR2Y	2.00	R	SS+						
Latham	L2128R2	RR2Y	2.10	R	CMB,Ci						
LG Seeds	C1917R2	RR2Y	1.90	R	AC,PV						
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV						
NK Brand	S21-M7 §	RR2Y	2.10	R	CCB						
Pfister	19R24	RR2Y	1.90	R	CCB						
Pfister	21R201	RR2Y	2.10	R	CCB						
Pioneer	P19T60R §	RR	1.90	R	EE,C,Ci						
Pioneer	P20T79R2 §	RR2Y	2.00	R	EE,C,Ci						
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV						
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV						
Prairie Brand	PB-2156R2	RR2Y	2.10	R	CMBV						
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV						
Renk	RS195NR2	RR2Y	1.90	R	None						
Renk	RS213NR2	RR2Y	2.10	R	CMB						
Renk	RS216NR2	RR2Y	2.10	R	None						

2015 Soybean - Iowa North [IANO]



Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Channel	2306R2	RR2Y	2.30	R	ACi						
Cornelius	CB22R34	RR2Y	2.20	R	CCB						
Cornelius	CB24R82	RR2Y	2.40	R	CCB						
Cornelius	CB25R78	RR2Y	2.50	R	CCB						
Cornelius	EXP21R15	RR2Y	2.10	R	CCB						
Croplan	R2C2200 CK	RR2Y	2.20	R	WCX						
Curry	1225 GC	RR	2.20	R	CC						
Dairyland	DSR-2330/R2Y	RR2Y	2.30	R	CMB						
Dyna-Gro	S23RY85	RR2Y	2.30	R	CCB						
Dyna-Gro	S24RY65	RR2Y	2.40	R	CCB						
Federal	F226NRR2Y	RR2Y	2.20	R	CMB						
FS HiSOY	HS 23A42	RR2Y	2.30	R	CCB						
FS HiSOY	HS 24A50	RR2Y	2.40	R	CCB						
Hefty	H24R6	RR2Y	2.30	MR	DST						
Kruger	K2-2305	RR2Y	2.30	MR	ACi						
Kruger	K2-2402	RR2Y	2.40	R	ACi						
Latham	L2228R2	RR2Y	2.20	R	CMB,Ci						
Latham	L2387R2	RR2Y	2.30	R	CMB,Ci						
Latham	L2482R2	RR2Y	2.40	R	SS+						
Latham	L2538R2	RR2Y	2.50	R	SS+						
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV						
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB						
NK Brand	S25-L9 §	RR2Y	2.50	R	CCB						
Pfister	24R201	RR2Y	2.40	R	CCB						
Pfister	24R22	RR2Y	2.40	R	CCB						
Pioneer	P25T51R §	RR	2.50	R	EE,C,Ci						
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV						
Prairie Brand	PB-2296R2	RR2Y	2.20	R	CMBV						
Prairie Brand	PB-2486R2	RR2Y	2.40	R	CMBV						
Prairie Brand	PB-2600R2	RR2Y	2.50	MR	CMBV						
Renk	RS241R2	RR2Y	2.40	S	CMB						
Renk	RS246NR2	RR2Y	2.40	R	None						
Steyer	2202R2	RR2Y	2.20	S	CCB						
Steyer	2503R2	RR2Y,ST	2.50	MR	CCB						
Stine	22RD00 §	RR2Y	2.20	R	Sfi						
Stine	24RF02 §	RR2Y	2.40	R	Sfi						
Stine	25RH62 §	RR2Y	2.50	R	Sfi						
Titan Pro	25M22	RR2Y	2.50	R	CMBV						
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB						
Titan Pro	TP-24R24	RR2Y	2.40	R	CCB						
Viking	2282R2N	RR2Y	2.20	R	PV,IL						
Viking	2301R2N	RR2Y	2.30	R	PV,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. 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®
CI	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.