

2015 Soybean Top 30 Harvest Report

Iowa North [IANO] OSAGE
Dale Hemann, Mitchell County, IA 50461



PREV. CROP/HERB: Corn / Halex GT
SOIL DESCRIPTION: Maxfield silty clay loam, non-irrigated
SOIL CONDITIONS: High P, high K, 6.6 pH, 4.7 % OM
TILLAGE/CULTIVATION: Minimum w/o fall till
PEST MANAGEMENT: Boundary, Sharpen, Flexstar GT, Endigo
SEEDED - RATE - ROW: May 12 167,000 /A 15" Spacing
HARVESTED - STAND: Oct 7 158,100 /A

Early-Season Test

1.8 - 2.1 Day RM
S2015IANO03a

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
Latham	L2084R2	RR2Y	2.00	R	SS+	64.6	12.4	0	162.6	\$530
Renk	RS213NR2	RR2Y	2.10	R	CMB	64.0	12.5	0	158.8	\$525
Cornelius	CB20R44	RR2Y	2.00	R	CCB	64.0	12.3	8	154.9	\$525
Channel	2108R2	RR2Y	2.10	R	ACi	63.9	12.6	3	178.1	\$524
Kruger	K2-2103	RR2Y	2.10	R	ACi	63.8	12.5	6	158.8	\$523
Hefty	H19R6	RR2Y	1.90	MR	DST	63.7	12.3	0	174.2	\$522
Hefty	H20R3	RR2Y	2.00	MR	DST	63.5	12.5	3	154.9	\$521
Asgrow	AG2035 §	RR2Y	2.00	R	ACi	63.4	12.2	0	154.9	\$520
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	62.6	12.7	3	143.3	\$513
FS HiSOY	HS 19A50	RR2Y	1.90	R	CCB	62.5	12.3	0	154.9	\$513
Renk	RS195NR2	RR2Y	1.90	R	None	62.5	12.4	0	162.6	\$513
Cornelius	CB19R71	RR2Y	1.90	R	CCB	62.3	12.7	0	158.8	\$511
Latham	L2128R2	RR2Y	2.10	R	CMB,CI	61.8	12.6	0	151.0	\$507
FS HiSOY	HS 21A50	RR2Y	2.10	R	CCB	61.6	12.3	0	158.8	\$505
LG Seeds	C1917R2	RR2Y	1.90	R	AC,PV	61.6	12.6	8	154.9	\$505
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV	61.5	12.1	0	151.0	\$504
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	61.5	12.4	0	135.5	\$504
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB	61.5	12.5	3	162.6	\$504
Steyer	2001R2	RR2Y	2.00	MR	CCB	61.0	12.1	5	158.8	\$500
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	60.9	12.6	3	158.8	\$499
Viking	2055R2N	RR2Y	2.00	R	CMB	60.7	12.6	5	158.8	\$498
Hefty	H18R5	RR2Y	1.80	MR	DST	60.5	12.4	0	166.5	\$496
Cornelius	CB19R86	RR2Y	1.90	R	CCB	60.4	12.4	3	151.0	\$495
Federal	F205NRR2Y	RR2Y	2.00	R	CCB	60.3	12.0	0	158.8	\$494
Pfister	21R201	RR2Y	2.10	R	CCB	60.3	12.2	5	162.6	\$494
Dyna-Gro	S21RY56	RR2Y	2.10	R	CCB	60.3	12.3	8	166.5	\$494
Cornelius	CB20R14	RR2Y	2.00	R	CCB	60.1	12.0	0	162.6	\$493
Steyer	2102R2	RR2Y	2.10	MR	CCB	60.0	12.4	11	154.9	\$492
Kruger	K2-1801	RR2Y	1.80	R	ACi	59.9	11.9	3	158.8	\$491
Kruger	K2-2002	RR2Y	2.00	MR	ACi	59.9	12.6	3	139.4	\$491
Croplan	R2C2200 CK	RR2Y	2.20	R	WCX	61.1	12.1	0	143.3	\$501

Corey Rozenboom

Corey Rozenboom
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Averages =	60.3	12.3	4	158.1	\$494
LSD (0.10) =	2.9	0.5	8		
LSD (0.25) =	2.1	0.3	6		
C.V. =	3.6	2.9			

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

TEST COMMENTS: *Favorable weather during the season brought well-timed rainfall that promoted flowering and seed fill. Plants were healthy during a July visit. A few aphids were observed and later sprayed. No major foliar diseases noted during the year. Late July storms provided enough moisture to fill pods to the plant tops. Some taller varieties, especially later maturities, were leaning pretty good at harvest.*

† 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: 10/08/2015 Revised:

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TILLAGE/CULTIVATION: Minimum w/o fall till
PEST MANAGEMENT: Boundary, Sharpen, Flexstar GT, Endigo
SEEDED - RATE - ROW: May 12 167,000 /A 15" Spacing
HARVESTED - STAND: Oct 7 155,600 /A

Full-Season Test
2.2 - 2.5 Day CRM
S2015IANO03b

Top 30 of 42
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
FS HiSOY	HS 23A42	RR2Y	2.30	R	CCB	64.3	12.8	3	162.6	\$527
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	63.6	12.2	6	151.0	\$522
Dairyland	DSR-2330/R2Y	RR2Y	2.30	R	CMB	63.2	12.7	5	174.2	\$518
Hefty	H24R6	RR2Y	2.30	MR	DST	63.1	12.9	0	154.9	\$517
Pfister	24R201	RR2Y	2.40	R	CCB	62.9	12.7	0	174.2	\$516
Channel	2306R2	RR2Y	2.30	R	ACi	62.7	12.9	3	158.8	\$514
Cornelius	CB24R82	RR2Y	2.40	R	CCB	62.5	12.9	3	162.6	\$513
Prairie Brand	PB-2486R2	RR2Y	2.40	R	CMBV	62.2	13.0	4	154.9	\$510
Prairie Brand	PB-2296R2	RR2Y	2.20	R	CMBV	61.7	12.5	5	166.5	\$506
Latham	L2482R2	RR2Y	2.40	R	SS+	61.5	13.0	3	158.8	\$504
Dyna-Gro	S24RY65	RR2Y	2.40	R	CCB	61.0	13.0	11	162.6	\$500
Dyna-Gro	S23RY85	RR2Y	2.30	R	CCB	60.9	12.4	0	139.4	\$499
Latham	L2228R2	RR2Y	2.20	R	CMB,CI	60.9	12.8	5	154.9	\$499
Cornelius	CB22R34	RR2Y	2.20	R	CCB	60.9	12.5	11	147.1	\$499
FS HiSOY	HS 24A50	RR2Y	2.40	R	CCB	60.1	12.9	11	151.0	\$493
Renk	RS246NR2	RR2Y	2.40	R	None	59.8	12.9	0	147.1	\$490
Pioneer	P25T51R §	RR	2.50	R	EE,C,CI	59.8	13.3	0	174.2	\$490
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB	59.4	12.1	24	143.3	\$487
Curry	1225 GC	RR	2.20	R	CC	59.3	13.2	3	162.6	\$486
Viking	2301R2N	RR2Y	2.30	R	PV,IL	59.2	12.6	8	151.0	\$485
Steyer	2503R2	RR2Y,ST	2.50	MR	CCB	59.0	12.7	0	170.4	\$484
Steyer	2202R2	RR2Y	2.20	S	CCB	58.9	12.7	3	135.5	\$483
Latham	L2387R2	RR2Y	2.30	R	CMB,CI	58.5	12.9	20	162.6	\$480
Federal	F226NRR2Y	RR2Y	2.20	R	CMB	58.3	12.8	11	170.4	\$478
Viking	2282R2N	RR2Y	2.20	R	PV,IL	58.3	12.5	25	170.4	\$478
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV	58.1	13.0	5	158.8	\$476
Pfister	24R22	RR2Y	2.40	R	CCB	57.4	13.2	4	143.3	\$470
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	57.1	12.9	14	151.0	\$468
Cornelius	EXP21R15	RR2Y	2.10	R	CCB	56.9	12.8	17	166.5	\$467
Kruger	K2-2402	RR2Y	2.40	R	ACi	56.9	13.0	31	147.1	\$467
Croplan	R2C2200 CK	RR2Y	2.20	R	WCX	60.3	12.2	11	135.5	\$494

Corey Rozenboom

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Averages =	58.5	13.1	10	155.6	\$480
LSD (0.10) =	3.9	0.5	14		
LSD (0.25) =	2.7	0.3	10		
C.V. =	4.9	2.7			

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

TEST COMMENTS: *Favorable weather during the season brought well-timed rainfall that promoted flowering and seed fill. Plants were healthy during a July visit. A few aphids were observed and later sprayed. No major foliar diseases noted during the year. Late July storms provided enough moisture to fill pods to the plant tops. Some taller varieties, especially later maturities, were leaning pretty good at harvest.*

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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						

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.