

2015 Soybean Top 30 Harvest Report

Iowa North Central [IANC] IOWA FALLS
Mike Aldinger, Hardin County, IA 50126



PREV. CROP/HERB: Corn / SureStart, Durango, Callisto Xtra
SOIL DESCRIPTION: Nicollet-Clarion loam, moderately drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.7 pH, 3.5 % OM
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Sonic, Flexstar, Durango, Volunteer, Cobalt, Priaxor
SEEDED - RATE - ROW: May 13 167,000 /A 15" Spacing
HARVESTED - STAND: Oct 9 151,700 /A

Early-Season Test

2.1 - 2.4 Day RM

S2015IANC03a

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
Titan Pro	22M12	RR2Y	2.20	R	CCB	73.5	12.4	11	147.1	\$603
Prairie Brand	PB-2296R2	RR2Y	2.20	R	CMBV	68.9	12.4	25	154.9	\$565
Cornelius	CB22R34	RR2Y	2.20	R	CCB	68.2	12.6	25	154.9	\$559
Jacobsen Seed	J752NR2	RR2Y	2.20	R	G,T	67.1	12.1	22	158.8	\$550
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB	64.7	12.4	39	166.5	\$531
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	63.6	12.2	11	162.6	\$522
Prairie Brand	PB-2156R2	RR2Y	2.10	R	CMBV	63.0	12.5	22	158.8	\$517
Prairie Brand	PB-2024R2	RR2Y	2.10	R	CMBV	62.7	12.5	22	154.9	\$514
Latham	L2482R2	RR2Y	2.40	R	SS+	62.5	13.3	0	143.3	\$512
Federal	F245NRR2Y	RR2Y	2.40	R	CMB	62.1	12.8	8	178.1	\$509
Hefty	H21R6	RR2Y	2.10	MR	DST	62.1	12.3	32	154.9	\$509
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	61.9	13.3	17	143.3	\$507
Renk	RS241R2	RR2Y	2.40	S	CMB	61.7	11.9	5	151.0	\$506
Dairyland	DSR-2330/R2Y	RR2Y	2.30	R	CMB	61.6	12.5	21	143.3	\$505
Hefty	H24R6	RR2Y	2.30	MR	DST	61.4	12.3	3	158.8	\$503
Latham	L2228R2	RR2Y	2.20	R	CMB,CI	61.1	12.7	11	147.1	\$501
Federal	F226NRR2Y	RR2Y	2.20	R	CMB	61.0	12.1	11	158.8	\$500
Latham	L2387R2	RR2Y	2.30	R	CMB,CI	60.7	12.9	18	143.3	\$498
Cornelius	CB22R60	RR2Y	2.20	R	CCB	60.6	12.7	0	143.3	\$497
Cornelius	CB24R82	RR2Y	2.40	R	CCB	59.9	12.9	5	154.9	\$491
Dairyland	DSR-2110/R2Y	RR2Y	2.10	R	CMB	59.7	12.2	8	151.0	\$490
Channel	2306R2	RR2Y	2.30	R	ACi	59.6	12.0	5	143.3	\$489
Kruger	K2-2305	RR2Y	2.30	MR	ACi	59.4	12.4	0	158.8	\$487
FS HiSOY	HS 23A42	RR2Y	2.30	R	CCB	59.3	12.7	0	158.8	\$486
Pfister	24R201	RR2Y	2.40	R	CCB	59.3	12.6	8	154.9	\$486
Champion	23R73N	RR2Y	2.30	R	CMB	59.3	12.0	11	135.5	\$486
Curry	1225 GC	RR	2.20	R	CC	59.0	12.0	38	143.3	\$484
Federal	F235NRR2Y	RR2Y	2.30	R	CMB	58.8	12.1	19	151.0	\$482
Kruger	K2-2103	RR2Y	2.10	R	ACi	58.7	12.1	45	158.8	\$481
Channel	2108R2	RR2Y	2.10	R	ACi	58.6	12.2	8	154.9	\$481
Croplan	R2C2394 CK	RR2Y	2.30	R	WCX	62.3	12.4	42	147.1	\$511

Averages =	59.2	12.5	19	151.7	\$486
LSD (0.10) =	4.9	ns	15		
LSD (0.25) =	3.4	ns	10		
C.V. =	6.1	6.8			

Corey Rozenboom

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

TEST COMMENTS: Consistent rainfall throughout the season kept the crop going all season. Plants were tall in July. A few aphids were observed and bacterial blight was increasing mid-canopy. Aug 28 was the last significant rainfall at 3.39". Total rainfall as of Sept 30 was 4.1" above 30-yr site average. White mold was on scattered plants and appeared variety specific. Many varieties at harvest were severely lodged.

† 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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PEST MANAGEMENT: Sonic, Flexstar, Durango, Volunteer, Cobalt, Priaxor
SEEDED - RATE - ROW: May 13 167,000 /A 15" Spacing
HARVESTED - STAND: Oct 9 148,600 /A

Full-Season Test
2.5 - 2.8 Day CRM
S2015IANC03b

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	L2645R2	RR2Y	2.60	MR	CMB,CI	65.2	12.6	0	143.3	\$535	
Cornelius	CB26R30	RR2Y	2.60	MR	CCB	65.0	12.6	0	147.1	\$533	
Steyer	2604R2	RR2Y	2.60	MR	CMBV	64.7	12.6	0	139.4	\$531	
Prairie Brand	PB-2600R2	RR2Y	2.50	MR	CMBV	64.1	12.9	0	143.3	\$526	
FS HiSOY	HS 25A42	RR2Y	2.50	R	CCB	64.0	12.9	0	154.9	\$525	
Dairyland	DSR-2616/R2Y	RR2Y	2.60	MR	CMB	63.8	12.5	0	154.9	\$523	
Hefty	H26R6	RR2Y	2.60	MR	DST	63.3	12.9	0	139.4	\$519	
Renk	RS286NR2	RR2Y	2.80	R	None	63.3	13.0	11	143.3	\$519	
Stine	28RF02 §	RR2Y	2.80	R	Sfi	63.0	13.7	0	147.1	\$516	
Cornelius	CB28R58	RR2Y	2.80	R	CCB	62.9	12.9	5	151.0	\$516	
FS HiSOY	HS 26A50	RR2Y	2.60	R	CCB	62.5	12.7	3	162.6	\$513	
Hefty	H28R5	RR2Y	2.80	MR	DST	61.8	13.4	0	143.3	\$506	
Renk	RS263NR2	RR2Y	2.60	R	None	61.6	12.2	8	139.4	\$505	
Dyna-Gro	S26RS75	RR2Y,ST	2.60	R	CCB	61.4	13.7	0	147.1	\$503	
Asgrow	AG2836 §	RR2Y	2.80	R	ACi	61.3	12.7	3	127.8	\$503	
FS HiSOY	HS 27A50	RR2Y	2.70	R	CCB	60.9	12.8	0	147.1	\$499	
Asgrow	AG2636 §	RR2Y	2.60	R	ACi	60.6	13.4	0	147.1	\$496	
Curry	1246 GC	RR	2.40	R	CC	60.5	12.3	0	139.4	\$496	
Latham	L2538R2	RR2Y	2.50	R	SS+	60.4	13.4	12	162.6	\$495	
Renk	RS265NR2	RR2Y	2.60	MR	None	60.0	12.9	8	166.5	\$492	
Titan Pro	TP-26R35	RR2Y	2.60	MR	None	59.8	12.3	0	143.3	\$490	
Jacobsen Seed	J859NR2	RR2Y	2.90	R	G,T	59.8	13.2	0	147.1	\$490	
Federal	F266RR2Y	RR2Y	2.60	S	CMB	59.7	12.4	0	139.4	\$490	
Dyna-Gro	S27RY66	RR2Y	2.70	R	CCB	59.4	12.3	3	143.3	\$487	
FS HiSOY	HS 28A42	RR2Y	2.80	R	CCB	59.2	13.7	5	139.4	\$485	
Stine	26RD02 §	RR2Y	2.60	R	Sfi	59.1	12.5	5	154.9	\$485	
Pfister	28R202	RR2Y	2.80	R	CCB	59.1	12.3	8	143.3	\$485	
Hefty	H27R5	RR2Y	2.70	MR	DST	59.0	13.1	0	139.4	\$484	
Pfister	26R29	RR2Y	2.60	R	CCB	58.6	13.2	0	143.3	\$480	
Steyer	2503R2	RR2Y,ST	2.50	MR	CCB	58.6	13.4	0	158.8	\$480	
Croplan	R2C2394 CK	RR2Y	2.30	R	WCX	60.5	12.2	0	147.1	\$496	
						Averages =	59.3	12.9	4	148.6	\$486
						LSD (0.10) =	4.4	ns	12		
						LSD (0.25) =	3.0	0.7	8		
						C.V. =	5.4	5.6			

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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.