

2015 Soybean Top 30 Harvest Report

Iowa Northwest [IANW] HARTLEY

Clint Van Beek, O'Brien County, IA 51346



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

PREV. CROP/HERB: Corn / Balance Flexx, Roundup
 SOIL DESCRIPTION: Sac-Galva silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, high K, 6.7 pH, 5.8 % OM
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Sonic, Roundup, Quilt Xcel,
 SEEDED - RATE - ROW: May 19 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 6 164,700 /A

Early-Season Test

2.1 - 2.4 Day RM

S2015IANW02a

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
Hefty	H24R6	RR2Y	2.30	MR	DST	70.4	12.2	0	162.6	\$577
Prairie Brand	PB-2486R2	RR2Y	2.40	R	CMBV	70.2	12.4	0	162.6	\$576
Pfister	24R201	RR2Y	2.40	R	CCB	69.7	12.4	0	158.8	\$572
Dairyland	DSR-2330/R2Y	RR2Y	2.30	R	CMB	69.7	12.4	0	158.8	\$572
Dyna-Gro	S23RY85	RR2Y	2.30	R	CCB	69.1	12.6	0	170.4	\$567
Latham	L2482R2	RR2Y	2.40	R	SS+	68.8	12.5	0	166.5	\$564
Dyna-Gro	S21RY56	RR2Y	2.10	R	CCB	68.7	12.2	0	162.6	\$563
Viking	2301R2N	RR2Y	2.30	R	PV,IL	68.7	12.3	0	151.0	\$563
Jacobsen Seed	J744NR2	RR2Y	2.40	R	G,T	68.7	12.4	0	151.0	\$563
Latham	L2145R2	RR2Y	2.10	MR	CMB,CI	68.6	12.3	0	170.4	\$563
Hefty	H21R6	RR2Y	2.10	MR	DST	68.3	12.4	0	147.1	\$560
Federal	F205NRR2Y	RR2Y	2.00	R	CCB	67.9	12.5	0	166.5	\$557
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	67.8	12.7	0	178.1	\$556
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB	67.6	12.3	0	170.4	\$554
Prairie Brand	PB-2156R2	RR2Y	2.10	R	CMBV	67.6	12.5	0	162.6	\$554
Federal	F226NRR2Y	RR2Y	2.20	R	CMB	67.6	12.5	0	162.6	\$554
Champion	20R35N	RR2Y	2.00	R	CMB	67.3	12.4	0	143.3	\$552
Dairyland	DSR-2110/R2Y	RR2Y	2.10	R	CMB	67.3	12.6	0	170.4	\$552
Kruger	K2-2103	RR2Y	2.10	R	ACi	67.2	12.3	0	166.5	\$551
Pfister	21R201	RR2Y	2.10	R	CCB	67.2	12.3	0	174.2	\$551
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	67.1	12.5	0	158.8	\$550
Titan Pro	TP-24R24	RR2Y	2.40	R	CCB	67.1	12.6	0	170.4	\$550
Prairie Brand	PB-2024R2	RR2Y	2.10	R	CMBV	67.0	12.3	0	166.5	\$549
Channel	2306R2	RR2Y	2.30	R	ACi	67.0	12.6	0	158.8	\$549
NK Brand	S21-M7 §	RR2Y	2.10	R	CCB	66.6	12.6	0	166.5	\$546
Latham	L2228R2	RR2Y	2.20	R	CMB,CI	66.6	12.8	0	166.5	\$546
Channel	2108R2	RR2Y	2.10	R	ACi	66.5	12.4	0	158.8	\$545
Pfister	24R22	RR2Y	2.40	R	CCB	66.0	12.5	0	170.4	\$541
Viking	2282R2N	RR2Y	2.20	R	PV,IL	65.9	12.3	0	162.6	\$540
Prairie Brand	PB-2296R2	RR2Y	2.20	R	CMBV	65.2	12.1	0	170.4	\$535
Croplan	R2C2394 CK	RR2Y	2.30	R	WCX	68.2	12.6	0	154.9	\$559

Corey Rozenboom

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

Averages =	66.6	12.4	0	164.7	\$546
LSD (0.10) =	3.1	0.4	0		
LSD (0.25) =	2.1	0.3	0		
C.V. =	3.4	2.2			

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 throughout the growing season allowed this soybean crop to hit the sweet spot and produce well. The longest stretch without moisture was 13 days, from late July into early August. Plants were healthy (fungicide applied) and flowered well. Aphids were noticed in early Aug but multiple heavy rains eliminated them. This crop had almost everything needed for high-end yields.*

† 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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 PEST MANAGEMENT: Sonic, Roundup, Quilt Xcel,
 SEEDED - RATE - ROW: May 19 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 6 164,500 /A

Full-Season Test

2.5 - 2.8 Day CRM

S2015IANW02b

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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
Latham	L2645R2	RR2Y	2.60	MR	CMB,CI	69.9	13.2	0	166.5	\$573
Federal	F266RR2Y	RR2Y	2.60	S	CMB	69.8	13.2	0	162.6	\$572
Asgrow	AG2836 §	RR2Y	2.80	R	ACi	69.0	13.3	0	158.8	\$565
Titan Pro	25M22	RR2Y	2.50	R	CMBV	67.9	12.7	0	185.9	\$557
Latham	L2758R2	RR2Y	2.70	R	CMB,CI	67.9	13.1	0	151.0	\$557
Dyna-Gro	S26RS75	RR2Y,ST	2.60	R	CCB	67.7	13.0	0	158.8	\$555
Pioneer	P25T51R §	RR	2.50	R	EE,C,CI	67.5	13.1	0	158.8	\$553
Titan Pro	TP-26R35	RR2Y	2.60	MR	None	67.4	12.9	0	166.5	\$553
LG Seeds	C2744R2	RR2Y	2.70	R	AC,PV	67.1	12.9	0	151.0	\$550
Asgrow	AG2535 §	RR2Y	2.50	MR	ACi	66.9	12.8	0	170.4	\$549
LG Seeds	C2534R2	RR2Y	2.50	R	AC,PV	66.8	12.9	0	178.1	\$548
Latham	L2884R2	RR2Y	2.80	R	CMB,CI	66.8	13.1	0	178.1	\$548
Hefty	H28R4	RR2Y	2.80	MR	DST	66.8	13.3	0	162.6	\$547
Hefty	H28R5	RR2Y	2.80	MR	DST	66.7	13.4	0	170.4	\$546
Asgrow	AG2636 §	RR2Y	2.60	R	ACi	66.3	13.3	0	170.4	\$543
Stine	28RF02 §	RR2Y	2.80	R	Sfi	66.3	13.3	0	170.4	\$543
Stine	26RD02 §	RR2Y	2.60	R	Sfi	65.8	13.1	0	162.6	\$539
Latham	L2538R2	RR2Y	2.50	R	SS+	65.8	13.2	0	185.9	\$539
Hefty	H27R5	RR2Y	2.70	MR	DST	65.5	13.4	0	182.0	\$537
Kruger	K2-2705	RR2Y	2.70	R	ACi	65.4	12.7	0	151.0	\$536
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV	65.0	12.6	0	158.8	\$533
Kruger	K2-2603	RR2Y	2.60	MR	ACi	65.0	13.2	0	158.8	\$533
Dyna-Gro	S27RY66	RR2Y	2.70	R	CCB	64.9	12.7	0	158.8	\$532
Jacobsen Seed	J847NR2	RR2Y	2.80	R	G,T	64.6	13.4	0	170.4	\$529
NK Brand	S25-L9 §	RR2Y	2.50	R	CCB	63.5	13.0	0	143.3	\$521
Pfister	26R29	RR2Y	2.60	R	CCB	63.3	12.7	0	162.6	\$519
Prairie Brand	PB-2600R2	RR2Y	2.50	MR	CMBV	63.1	13.4	0	151.0	\$517
Pfister	28R202	RR2Y	2.80	R	CCB	62.4	13.6	0	154.9	\$511
Prairie Brand	PB-2876R2	RR2Y	2.70	R	CMBV	62.3	13.7	0	170.4	\$510
NK Brand	S28-D3 §	RR2Y	2.80	MR	CCB	62.2	13.0	0	158.8	\$510
Croplan	R2C2394 CK	RR2Y	2.30	R	WCX	71.3	12.5	0	154.9	\$585

Corey Rozenboom

Corey Rozenboom
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Averages =	65.5	13.1	0	164.5	\$537
LSD (0.10) =	3.9	0.4	0		
LSD (0.25) =	2.7	0.3	0		
C.V. =	4.4	2.3			

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 throughout the growing season allowed this soybean crop to hit the sweet spot and produce well. The longest stretch without moisture was 13 days, from late July into early August. Plants were healthy (fungicide applied) and flowered well. Aphids were noticed in early Aug but multiple heavy rains eliminated them. This crop had almost everything needed for high-end yields.*

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2015 Soybean - Iowa Northwest [IANW]

Early-Season Test Products (42 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						
Champion	21R66N	RR2Y	2.10	R	CMB						
Champion	22R86N	RR2Y	2.20	R	CMB						
Champion	23R73N	RR2Y	2.30	R	CMB						
Channel	2108R2	RR2Y	2.10	R	ACi						
Channel	2306R2	RR2Y	2.30	R	ACi						
Croplan	R2C2394 CK	RR2Y	2.30	R	WCX						
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						
Federal	F205NRR2Y	RR2Y	2.00	R	CCB						
Federal	F226NRR2Y	RR2Y	2.20	R	CMB						
Hefty	H21R6	RR2Y	2.10	MR	DST						
Hefty	H24R6	RR2Y	2.30	MR	DST						
Jacobsen Seed	J740NR2	RR2Y	2.00	R	G,T						
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	L2128R2	RR2Y	2.10	R	CMB,Ci						
Latham	L2145R2	RR2Y	2.10	MR	CMB,Ci						
Latham	L2228R2	RR2Y	2.20	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						
Prairie Brand	PB-2486R2	RR2Y	2.40	R	CMBV						
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB						
Titan Pro	TP-21R74	RR2Y	2.10	R	CCB						
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						

2015 Soybean - Iowa Northwest [IANW]



Full-Season Test Products (36 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						
Asgrow	AG2636 §	RR2Y	2.60	R	ACi						
Asgrow	AG2836 §	RR2Y	2.80	R	ACi						
Croplan	R2C2394 CK	RR2Y	2.30	R	WCX						
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						
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						
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	C2534R2	RR2Y	2.50	R	AC,PV						
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-2876R2	RR2Y	2.70	R	CMBV						
Stine	26RD02 §	RR2Y	2.60	R	Sfi						
Stine	28RE20 §	RR2Y	2.80	R	Sfi						
Stine	28RF02 §	RR2Y	2.80	R	Sfi						
Titan Pro	25M22	RR2Y	2.50	R	CMBV						
Titan Pro	TP-26R35	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®
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.