

2016 Soybean Top 30 Harvest Report

Iowa Northwest [IANW] HULL
Lee Hoekstra, Sioux County, IA 51239



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

PREV. CROP/HERB: Corn / SureStart, Liberty, Callisto
SOIL DESCRIPTION: Galva silty clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K, 6.9 pH, 4.5 % OM
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Durango, Flexstar
SEEDED - RATE - ROW: May 19 155,000 /A 15" Spacing
HARVESTED - STAND: Oct 15 145,000 /A

Early-Season Test
Maturity Group 2.1 - 2.4
S2016IANW01a

Top 30 of 48
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Hefty	H24X6	RRX	2.4	MR	DST	57.2	12.4	16	149.8	\$501
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	56.0	12.4	16	148.1	\$490
Channel	2108R2	RR2Y	2.1	R	ACi	56.0	12.0	23	137.8	\$490
Pfister	24R201	RR2Y	2.4	R	CCB	54.8	12.5	16	148.1	\$480
Kruger	K2-2103	RR2Y	2.1	R	ACi	54.8	12.6	38	146.4	\$480
Renk	RS213NR2	RR2Y	2.1	R	CMBV	54.6	12.5	23	148.1	\$478
Jacobsen Seed	J764NR2	RR2Y	2.4	R	AC,IL,PV	54.5	12.2	16	144.7	\$477
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	54.1	12.4	16	149.8	\$473
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	54.0	12.3	23	148.1	\$473
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV	53.8	11.9	16	146.4	\$471
Stine	24RH62 §	RR2Y	2.4	R	SFI	53.6	12.3	16	146.4	\$469
Renk	RS246NR2	RR2Y	2.4	R	CMBV	53.4	12.5	16	149.8	\$467
Champion	21X77N	RRX	2.1	R	AC,PV	53.1	12.2	16	146.4	\$465
Latham	L2184R2X	RRX	2.1	R	SS	53.1	12.3	16	137.8	\$465
Champion	24R87N	RR2Y	2.4	R	AC,PV	51.7	12.4	16	141.2	\$452
Federal	F226NRR2Y	RR2Y	2.2	R	MAG	51.4	12.4	16	139.5	\$450
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV	51.4	12.3	27	148.1	\$450
Pioneer	P22T73R §	RR	2.2	R	EE,G	51.1	12.3	16	146.4	\$447
Champion	20R35N	RR2Y	2.0	R	AC,PV	50.7	12.3	16	144.7	\$444
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	50.5	12.3	16	148.1	\$442
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	50.3	12.3	16	134.3	\$440
Pfister	21R205	RR2Y	2.1	R	CCB	50.3	12.4	16	148.1	\$440
LG Seeds	C2126RX	RRX	2.1	R	CCB	49.6	12.1	16	142.9	\$434
Titan Pro	TP-23X76	RRX	2.3	R	IS	49.3	12.3	16	142.9	\$431
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	49.3	12.3	16	149.8	\$431
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In	49.0	12.1	16	148.1	\$429
Pfister	21R203	RR2Y	2.1	R	CCB	48.6	12.3	16	148.1	\$425
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me	48.6	12.3	16	139.5	\$425
Latham	L2454R2X	RRX	2.4	S	CCB,Me	48.1	12.6	16	146.4	\$421
Prairie Brand	PB-2156R2	RR2Y	2.1	R	CCB,In	47.9	12.4	16	148.1	\$419
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	50.1	12.2	16	146.4	\$438

Corey Rozenboom

Corey Rozenboom
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Averages =	49.5	12.3	19	145.0	\$433
LSD (0.10) =	4.9	0.3	13		
LSD (0.25) =	3.4	0.2	9		
C.V. =	7.3				Prev. years avg. yield, 66.2 bu/a, 1 yr

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.75 GMO; \$8.75 non-GMO

TEST COMMENTS: This site was no-till planted into corn following a period of early May showers. Lee's surrounding field yielded around 60 bu/a in 30" rows which was typical for the area. A combination of shatter loss from tops of plants to tough pods near bottoms of plants contributed to a challenging harvest at this site and accounts for some yield variation.

† 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: 10/16/2016 Revised:

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SEEDED - RATE - ROW: May 19 155,000 /A 15" Spacing
HARVESTED - STAND: Oct 15 144,400 /A

Full-Season Test
Maturity Group 2.5 - 2.8
S2016IANW01b

Top 30 of 36
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income	
Latham	L2758R2	RR2Y	2.7	R	CCB,Me	48.2	13.6	16	144.7	\$421	
Titan Pro	TP-28X45	RRX	2.8	R	IS	46.8	13.8	16	141.2	\$409	
Renk	RS276NX	RRX	2.8	R	AM	45.3	13.9	16	142.9	\$396	
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,CI	45.3	14.2	16	146.4	\$395	
Asgrow	AG2836 §	RR2Y	2.8	R	ACi	45.1	14.9	38	144.7	\$393	
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me	44.2	14.0	16	146.4	\$386	
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me	43.9	14.3	16	142.9	\$383	
LG Seeds	C2890R2	RR2Y	2.8	R	CCB	43.3	14.9	27	139.5	\$377	
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me	42.7	14.3	16	146.4	\$373	
Latham	L2859R2X	RRX	2.8	R	CCB,Me	42.7	14.0	27	141.2	\$373	
Jacobsen Seed	J858NR2X	RRX	2.8	R	AC,IL,PV	42.6	14.0	16	141.2	\$372	
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	42.5	14.2	16	141.2	\$371	
Asgrow	AG2636 §	RR2Y	2.6	R	ACi	41.9	14.3	16	142.9	\$366	
Hefty	H28X6	RRX	2.8	MR	DST	41.9	14.4	16	144.7	\$365	
Hefty	H27X6	RRX	2.7	MR	None	41.8	14.0	16	142.9	\$365	
Channel	2609R2	RR2Y	2.6	R	ACi	41.0	14.1	16	146.4	\$358	
Kruger	K2-2603	RR2Y	2.6	MR	ACi	40.8	13.6	16	149.8	\$357	
Hefty	H26X7	RRX	2.6	MR	DST	40.4	13.9	16	146.4	\$353	
Hefty	H25X7	RRX	2.5	MR	DST	39.8	13.7	16	146.4	\$348	
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In	39.8	13.9	16	144.7	\$348	
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	39.8	14.2	16	148.1	\$347	
Pfister	26R204	RR2Y	2.6	R	CCB	39.6	13.8	16	146.4	\$346	
Latham	L2884R2	RR2Y	2.8	R	CCB	39.5	14.5	16	144.7	\$344	
LG Seeds	C2605R2	RR2Y	2.6	S	CCB	39.4	13.5	16	146.4	\$344	
Kruger	K2-2803	RR2Y	2.8	R	ACi	39.0	14.6	16	146.4	\$340	
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS	38.9	13.7	16	142.9	\$340	
Titan Pro	TP-26X16	RRX	2.6	R	IS	38.4	13.3	16	144.7	\$336	
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,CI	37.8	14.0	16	139.5	\$330	
Jacobsen Seed	J856R2	RR2Y	2.6	MR	AC,IL,PV	37.3	14.1	16	142.9	\$326	
Pfister	28R202	RR2Y	2.8	R	CCB	37.0	14.5	16	146.4	\$323	
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	47.6	13.4	16	144.7	\$416	
						Averages =	40.9	14.1	18	144.4	\$357
						LSD (0.10) =	4.3	0.4	11		
						LSD (0.25) =	3.0	0.3	7		
						C.V. =	7.7				
											Prev. years avg. yield, 66.2 bu/a, 1 yr

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2016 Soybean - Iowa Northwest [IANW]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG24X7 §	RRX	2.4	R	ACi	Titan Pro	TP-21X46	RRX	2.1	R	None
Champion	20R35N	RR2Y	2.0	R	AC,PV	Titan Pro	TP-23X76	RRX	2.3	R	IS
Champion	21X77N	RRX	2.1	R	AC,PV	Titan Pro	TP-24R26	RR2Y	2.4	R	IS
Champion	22R86N	RR2Y	2.2	R	AC,PV						
Champion	24R87N	RR2Y	2.4	R	AC,PV						
Channel	2108R2	RR2Y	2.1	R	ACi						
Channel	2306R2	RR2Y	2.3	R	ACi						
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX						
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB						
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB						
Federal	F226NRR2Y	RR2Y	2.2	R	MAG						
Hefty	H21X6	RRX	2.1	MR	DST						
Hefty	H23X7	RRX	2.3	S	DST						
Hefty	H24X6	RRX	2.4	MR	DST						
Jacobsen Seed	J740NR2	RR2Y	2.0	R	AC,IL,PV						
Jacobsen Seed	J761NR2X	RRX	2.1	R	AC,IL,PV						
Jacobsen Seed	J764NR2	RR2Y	2.4	R	AC,IL,PV						
Kruger	K2-2103	RR2Y	2.1	R	ACi						
Latham	L2128R2	RR2Y	2.1	R	CCB,Me						
Latham	L2184R2X	RRX	2.1	R	SS						
Latham	L2228R2	RR2Y	2.2	R	CCB,Me						
Latham	L2454R2X	RRX	2.4	S	CCB,Me						
LG Seeds	C2126RX	RRX	2.1	R	CCB						
LG Seeds	C2441R2	RR2Y	2.4	R	CCB						
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me						
NorthStar	NS 2282NR2	RR2Y	2.2	R	CMBV						
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV						
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV						
NorthStar	NS 62332NXR2	RRX	2.3	R	CMBV						
Pfister	21R203	RR2Y	2.1	R	CCB						
Pfister	21R205	RR2Y	2.1	R	CCB						
Pfister	24R201	RR2Y	2.4	R	CCB						
Pioneer	P20T79R2 §	RR2Y	2.0	R	None						
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G						
Pioneer	P22T73R §	RR	2.2	R	EE,G						
Prairie Brand	PB-2156R2	RR2Y	2.1	R	CCB,In						
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In						
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CCB,In						
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In						
Renk	RS213NR2	RR2Y	2.1	R	CMBV						
Renk	RS237X	RRX	2.3	S	CMB						
Renk	RS246NR2	RR2Y	2.4	R	CMBV						
Stine	24RE03 §	RR2Y	2.4	MR	SFI						
Stine	24RH62 §	RR2Y	2.4	R	SFI						
Titan Pro	TP-21R55	RR2Y	2.1	R	IS						

2016 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	AG2636 §	RR2Y	2.6	R	ACi						
Asgrow	AG2836 §	RR2Y	2.8	R	ACi						
Channel	2609R2	RR2Y	2.6	R	ACi						
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX						
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB						
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,Ci						
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,Ci						
FS HiSoy	HS 28X50	RRX	2.8	R	ACi						
Hefty	H25X7	RRX	2.5	MR	DST						
Hefty	H26X7	RRX	2.6	MR	DST						
Hefty	H27X6	RRX	2.7	MR	None						
Hefty	H28X6	RRX	2.8	MR	DST						
Jacobsen Seed	J847NR2	RR2Y	2.8	R	AC,IL,PV						
Jacobsen Seed	J856R2	RR2Y	2.6	MR	AC,IL,PV						
Jacobsen Seed	J858NR2X	RRX	2.8	R	AC,IL,PV						
Kruger	K2-2603	RR2Y	2.6	MR	ACi						
Kruger	K2-2803	RR2Y	2.8	R	ACi						
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me						
Latham	L2758R2	RR2Y	2.7	R	CCB,Me						
Latham	L2859R2X	RRX	2.8	R	CCB,Me						
Latham	L2884R2	RR2Y	2.8	R	CCB						
LG Seeds	C2605R2	RR2Y	2.6	S	CCB						
LG Seeds	C2890R2	RR2Y	2.8	R	CCB						
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me						
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me						
Pfister	26R204	RR2Y	2.6	R	CCB						
Pfister	28R202	RR2Y	2.8	R	CCB						
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In						
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In						
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In						
Renk	RS276NX	RRX	2.8	R	AM						
Renk	RS286NR2	RR2Y	2.8	R	CMBV						
Stine	28RH02 §	RR2Y	2.8	R	SFI						
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS						
Titan Pro	TP-26X16	RRX	2.6	R	IS						
Titan Pro	TP-28X45	RRX	2.8	R	IS						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

* Seed treatments may include unspecified plant health promoting components.