

2016 Soybean Top 30 Performance Summary for Iowa Northwest [IANW]



Early-Season Test

Maturity Group 2.1 - 2.4

S2016IANWa

Top 30 of 48

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A ↓	Protein % ↓	Oil %	Moisture %	Lodging %	Gross Income	Albert City	Galva	Hartley	Hull
Pfister	21R203	RR2Y	2.1	R	CCB	71.2			12.5	7	\$623	83.2	77.4	75.5	48.6
Kruger	K2-2103	RR2Y	2.1	R	ACi	70.3			12.6	10	\$615	80.1	75.1	71.0	54.8
Channel	2108R2	RR2Y	2.1	R	ACi	70.1			12.5	7	\$613	79.4	75.1	69.9	56.0
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	69.2			12.6	5	\$606	74.6	75.4	70.8	56.0
NorthStar	NS 62002N XR2	RRX	2.0	R	CMBV	69.1			12.3	5	\$605	77.5	70.4	74.6	53.8
Federal	F226NRR2Y	RR2Y	2.2	R	MAG	69.1			12.5	8	\$605	78.5	70.7	75.8	51.4
Latham	L2184R2X	RRX	2.1	R	SS	69.0			12.4	5	\$604	77.4	70.3	75.2	53.1
Champion	24R87N	RR2Y	2.4	R	AC,PV	68.7			12.5	5	\$601	76.1	76.1	70.8	51.7
Pioneer	P22T73R §	RR	2.2	R	EE,G	68.6			12.6	5	\$600	78.6	72.0	72.8	51.1
Renk	RS213NR2	RR2Y	2.1	R	CMBV	68.6			12.6	7	\$600	74.9	76.7	68.2	54.6
Renk	RS246NR2	RR2Y	2.4	R	CMBV	68.4			12.6	5	\$599	74.0	76.9	69.1	53.4
Champion	21X77N	RRX	2.1	R	AC,PV	68.4			12.3	6	\$599	76.3	69.2	75.1	53.1
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	68.4			12.5	6	\$599	74.5	74.9	70.2	54.1
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	68.4			12.6	6	\$599	75.8	78.6	68.7	50.5
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	68.4			12.5	7	\$599	73.2	75.5	70.8	54.0
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV	68.4			12.5	10	\$599	76.2	75.7	70.2	51.4
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	68.3			12.4	7	\$598	72.3	74.5	76.2	50.3
Pfister	24R201	RR2Y	2.4	R	CCB	68.2			12.6	5	\$597	73.9	74.3	69.8	54.8
Stine	24RH62 §	RR2Y	2.4	R	SFI	67.9			12.6	5	\$594	73.1	74.9	69.8	53.6
Champion	20R35N	RR2Y	2.0	R	AC,PV	67.9			12.7	5	\$594	75.1	76.1	69.6	50.7
LG Seeds	C2126RX	RRX	2.1	R	CCB	67.8			12.3	5	\$593	80.9	69.9	70.9	49.6
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB	67.8			12.5	5	\$593	76.6	73.7	74.1	46.9
Titan Pro	TP-21X46	RRX	2.1	R	None	67.6			12.3	5	\$592	81.6	69.3	73.6	45.8
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	67.6			12.5	5	\$592	76.7	75.7	68.6	49.3
Channel	2306R2	RR2Y	2.3	R	ACi	67.5			12.4	5	\$591	77.5	70.4	74.9	47.0
Jacobsen Seed	J764NR2	RR2Y	2.4	R	AC,IL,PV	67.5			12.4	5	\$591	73.2	74.4	67.9	54.5
Hefty	H24X6	RRX	2.4	MR	DST	67.2			12.6	5	\$588	72.4	73.3	66.0	57.2
Pfister	21R205	RR2Y	2.1	R	CCB	67.1			12.5	5	\$587	75.5	72.2	70.4	50.3
Jacobsen Seed	J761NR2X	RRX	2.1	R	AC,IL,PV	66.7			12.2	5	\$584	76.6	70.1	72.9	47.0
Jacobsen Seed	J740NR2	RR2Y	2.0	R	AC,IL,PV	66.7			12.5	5	\$584	78.6	76.3	66.3	45.7
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	66.9			12.5	6	\$585	74.4	76.1	67.0	50.1

Results available by early-December
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Corey Rozenboom

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Averages =	66.8	12.5	7	\$585	75.6	71.7	70.5	49.5
LSD (0.10) =	4.0	0.2	7		3.0	4.2	4.0	4.9
LSD (0.25) =	2.8	0.1	5		2.1	2.9	2.8	3.4

Previous years average yield for region, 58.4 bu/a, 10 yrs

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

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 10/16/2016

Revised:

2016 Soybean Top 30 Performance Summary for Iowa Northwest [IANW]



Full-Season Test

Maturity Group 2.5 - 2.8

S2016IANWb

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For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Albert City	Galva	Hartley	Hull
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,CI	67.1			13.1	5	\$587	77.9	73.6	71.5	45.3
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In	66.8			12.8	5	\$585	80.3	76.5	70.6	39.8
Asgrow	AG2836 §	RR2Y	2.8	R	ACi	66.4			13.5	10	\$580	75.1	74.5	70.9	45.1
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me	66.0			12.9	5	\$578	75.6	75.0	69.4	43.9
Latham	L2758R2	RR2Y	2.7	R	CCB,Me	65.8			12.8	5	\$576	73.3	74.5	67.1	48.2
Asgrow	AG2636 §	RR2Y	2.6	R	ACi	65.2			13.0	5	\$571	80.2	73.3	65.4	41.9
Latham	L2884R2	RR2Y	2.8	R	CCB	65.2			13.2	5	\$570	73.0	74.9	73.3	39.5
LG Seeds	C2605R2	RR2Y	2.6	S	CCB	65.1			12.8	5	\$570	77.9	75.6	67.4	39.4
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	65.0			13.5	12	\$568	73.2	79.5	67.6	39.8
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS	64.8			12.8	5	\$567	78.6	74.0	67.5	38.9
Jacobsen Seed	J847NR2	RR2Y	2.8	R	AC,IL,PV	64.6			13.2	5	\$565	76.7	76.9	71.7	33.0
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me	64.5			12.9	5	\$564	72.4	74.6	66.7	44.2
Pfister	26R204	RR2Y	2.6	R	CCB	64.5			13.1	5	\$564	77.3	73.7	67.4	39.6
Channel	2609R2	RR2Y	2.6	R	ACi	64.4			12.9	5	\$564	73.8	73.4	69.4	41.0
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	64.4			13.2	10	\$563	71.9	70.2	72.8	42.5
Kruger	K2-2603	RR2Y	2.6	MR	ACi	64.3			12.8	5	\$563	73.9	73.6	69.0	40.8
Titan Pro	TP-28X45	RRX	2.8	R	IS	64.3			13.1	5	\$562	71.8	71.7	66.8	46.8
Renk	RS286NR2	RR2Y	2.8	R	CMBV	64.3			13.3	9	\$562	77.4	73.9	69.0	37.0
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,CI	64.2			13.0	5	\$562	77.5	75.2	66.2	37.8
LG Seeds	C2890R2	RR2Y	2.8	R	CCB	64.2			13.8	8	\$561	72.9	73.9	66.7	43.3
Jacobsen Seed	J856R2	RR2Y	2.6	MR	AC,IL,PV	63.9			12.9	5	\$559	77.2	72.8	68.3	37.3
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB	63.9			13.3	8	\$559	71.3	77.3	72.0	35.0
Jacobsen Seed	J858NR2X	RRX	2.8	R	AC,IL,PV	63.7			13.2	5	\$557	70.9	72.4	68.9	42.6
Hefty	H27X6	RRX	2.7	MR	None	63.4			13.1	5	\$555	73.7	71.2	66.8	41.8
Renk	RS276NX	RRX	2.8	R	AM	63.4			13.1	5	\$555	72.0	69.9	66.5	45.3
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In	63.4			13.5	8	\$554	75.1	72.6	68.7	37.0
Hefty	H25X7	RRX	2.5	MR	DST	63.2			12.9	5	\$553	75.5	70.3	67.3	39.8
Latham	L2859R2X	RRX	2.8	R	CCB,Me	63.0			13.1	8	\$551	71.6	69.4	68.1	42.7
Stine	28RH02 §	RR2Y	2.8	R	SFI	62.9			13.3	5	\$550	73.9	72.5	68.5	36.8
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me	62.4			13.1	5	\$546	70.3	70.3	66.2	42.7
Croplan	R2C2450 CK	RR2Y	2.4	R	WCX	66.0			12.8	5	\$578	72.5	77.1	66.8	47.6

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Averages =	64.0		13.1	6	\$560	73.9	73.0	68.1	40.9
LSD (0.10) =	3.4		0.3	ns		3.9	3.4	3.1	4.3
LSD (0.25) =	2.4		0.2	ns		2.7	2.4	2.2	3.0

Previous years average yield for region, 58.4 bu/a, 10 yrs

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

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 10/16/2016

Revised:

2016 Soybean - Iowa Northwest [IANW]



Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG24X7 §	RRX	2.4	R	ACi
Champion	20R35N	RR2Y	2.0	R	AC,PV
Champion	21X77N	RRX	2.1	R	AC,PV
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 62002N XR2	RRX	2.0	R	CMBV
NorthStar	NS 62332N XR2	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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Stine	24RE03 §	RR2Y	2.4	MR	SFI
Stine	24RH62 §	RR2Y	2.4	R	SFI
Titan Pro	TP-21R55	RR2Y	2.1	R	IS
Titan Pro	TP-21X46	RRX	2.1	R	None
Titan Pro	TP-23X76	RRX	2.3	R	IS
Titan Pro	TP-24R26	RR2Y	2.4	R	IS

2016 Soybean - Iowa Northwest [IANW]



Full-Season Test Products (36 Total)

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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.

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
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*

?	Information not provided	DST	Dominance™ ST	Mg	Magnum ST™ (standard)
AC	Acceleron® fungicide products	DX	Defend™ Extra	NCFI	N-Compass™ Plus F/I
ACi	Acceleron® fungicide and insecticide products	EE	Evergol™ Energy	None	untreated
AG	ArmourGuard™	En	Encase®	PV	Poncho®/Votivo®
AM	ApronMaxx®	G	Gaucho®	SDPI	Servo™ DPI
AVB	Avicta® Complete Beans	Gr+	Great Start™ Max Plus	SFI	Stine XP fungicide & insecticide
CCB	Clariva™ Complete Beans	IL	ILeVO®	SS	Soyshield™
CI	Clariva™ pn	In	Intego™ Solo	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	IS	Intego™ Suite	SStd	SureStand™
CMBV	CruiserMaxx® Beans with Vibrance	MAG	Maximum ArmourGuard™	TE	Trius™ Elite
DPHB	DPH Boost®	Me	Mertect®	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.