

2017 Soybean Top 30 Performance Summary for Iowa Northwest [ IANW ]



Early-Season Test

Maturity Group 2.1 - 2.4

S2017IANWa

Top 30 of 54

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Albert City			
										\$/Acre	Rank	Boyden	Galva	Hartley	
Federal	F2280NR2X	RRX	2.2	R	<b>68.4</b>			12.5	1	\$616	1	<b>67.6</b>	<b>68.6</b>	<b>69.4</b>	<b>68.1</b>
Champion	24R87N	RR2Y	2.4	R	<b>66.8</b>			12.4	1	\$601	2	65.5	62.9	<b>69.9</b>	<b>69.0</b>
Channel	2218R2X	RRX	2.2	R	<b>66.6</b>			12.2	1	\$599	3	62.4	<b>66.5</b>	66.5	<b>71.1</b>
Titan Pro	TP-24R26	RR2Y	2.4	R	<b>66.6</b>			12.4	1	\$599	4	64.1	<b>68.8</b>	<b>66.8</b>	<b>66.6</b>
Pfister	21R205	RR2Y	2.1	R	<b>66.5</b>			12.2	1	\$599	5	<b>69.0</b>	64.5	65.7	<b>66.7</b>
Channel	2108R2	RR2Y	2.1	R	<b>66.3</b>			12.2	1	\$597	6	61.4	<b>69.9</b>	<b>67.4</b>	<b>66.4</b>
Prairie Brand	PB-2486R2	RR2Y	2.4	R	<b>66.3</b>			12.2	1	\$597	7	64.8	<b>69.3</b>	65.3	65.9
Asgrow	AG24X7 §	RRX	2.4	R	<b>66.2</b>			12.2	1	\$596	8	<b>68.9</b>	63.5	66.2	<b>66.2</b>
Kruger	K2X-2261	RRX	2.2	R	<b>66.1</b>			12.3	1	\$595	9	62.1	<b>66.8</b>	65.6	<b>70.0</b>
LG Seeds	C2255R2	RR2Y	2.2	R	<b>65.8</b>			12.2	1	\$592	10	<b>67.1</b>	64.2	65.2	<b>66.8</b>
Champion	21X77N	RRX	2.1	R	<b>65.7</b>			12.5	1	\$591	11	64.6	<b>66.5</b>	65.7	65.9
Titan Pro	TP-21X46	RRX	2.1	R	<b>65.6</b>			12.2	1	\$590	12	<b>66.2</b>	<b>66.9</b>	64.1	65.0
Legend	LS 20R524N	RR2Y	2.0	R	<b>65.5</b>			12.2	1	\$590	13	<b>66.8</b>	63.5	<b>67.3</b>	64.5
Pfister	24R201	RR2Y	2.4	R	<b>65.5</b>			12.2	1	\$590	14	63.3	<b>66.8</b>	65.2	<b>66.6</b>
Golden Harvest	GH2041X	RRX	2.0	R	<b>65.5</b>			12.2	1	\$590	15	64.9	63.9	62.3	<b>70.8</b>
Prairie Brand	PB-2197R2	RR2Y	2.1	R	<b>65.5</b>			12.2	1	\$590	16	<b>67.0</b>	63.9	65.2	65.9
Stine	24RH62 §	RR2Y	2.4	R	<b>65.5</b>			12.4	1	\$590	17	64.4	66.0	66.4	65.1
Jacobsen Seed	J761NR2X	RRX	2.1	R	<b>65.4</b>			12.2	1	\$589	18	63.6	61.1	<b>68.2</b>	<b>68.6</b>
Champion	22R38N	RR2Y	2.2	R	<b>65.4</b>			12.5	1	\$589	19	64.7	61.2	<b>69.1</b>	<b>66.5</b>
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	<b>65.1</b>			12.2	1	\$586	20	63.4	<b>68.3</b>	65.4	63.4
Kruger	K2X-2152	RRX	2.1	MR	<b>65.1</b>			12.2	1	\$586	21	<b>65.6</b>	66.0	65.2	63.4
Hefty	H24X8	RRX	2.4	R	64.7			12.1	1	\$582	22	63.3	64.4	<b>68.5</b>	62.7
Hefty	H22X8	RRX	2.2	R	64.4			12.2	1	\$580	23	63.2	<b>68.0</b>	63.6	62.7
LG Seeds	C2201RX	RRX	2.2	R	64.4			12.3	1	\$580	24	63.4	<b>68.4</b>	63.9	61.8
Pioneer	P22T73R §	RR	2.2	R	64.1			12.2	1	\$577	25	64.9	63.9	63.8	63.9
Stine	21RI32 §	RR2Y	2.1	R	64.1			12.3	1	\$577	26	65.1	63.8	63.8	63.6
LG Seeds	C2441R2	RR2Y	2.4	R	63.7			12.5	1	\$573	27	63.6	60.5	65.9	64.6
Renk	RS248NX	RRX	2.4	R	63.5			12.2	1	\$572	28	63.0	65.7	62.4	62.9
Golden Harvest	GH1852X §	RRX	1.8	R	63.4			12.2	1	\$571	29	62.3	63.1	61.5	<b>66.5</b>
Hefty	H23X8	RRX	2.3	S	63.2			12.2	1	\$569	30	62.1	64.2	63.0	63.6
Croplan	R2C2450 CK	RR2Y	2.4	R	62.8			12.3	1	\$565	37	61.0	63.4	64.5	62.1

Results available by early-December  
Visit www.firstseedtests.com to obtain a revised report

Corey Rozenboom

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

Averages =	<b>63.6</b>	<b>12.3</b>	<b>1</b>	<b>\$573</b>	<b>63.0</b>	<b>63.9</b>	<b>63.9</b>	<b>63.6</b>
LSD (0.10) =	1.3	1.0	1		2.6	2.5	2.7	2.6
LSD (0.25) =	0.7	0.5	0		1.4	1.3	1.4	1.4

Previous years average yield for region, 57.9 bu/a, 11 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 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: 10/27/2017

Revised:

2017 Soybean Top 30 Performance Summary for Iowa Northwest [ IANW ]



Full-Season Test

Maturity Group 2.5 - 2.8

S2017IANWb

Top 30 of 36

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Albert City			
										\$/Acre	Rank	Boyden	Galva	Hartley	
Pioneer	P25T51R §	RR	2.5	R	<b>64.8</b>			12.7	1	\$583	1	<b>64.1</b>	<b>63.3</b>	<b>66.7</b>	<b>65.2</b>
Latham	L2682R2X	RRX	2.6	R	<b>64.5</b>			12.2	1	\$581	2	<b>61.7</b>	<b>65.6</b>	<b>66.5</b>	64.1
LG Seeds	C2520R2	RR2Y	2.5	R	<b>64.5</b>			12.4	1	\$581	3	60.7	60.0	<b>69.8</b>	<b>67.3</b>
Channel	2617R2X	RRX	2.6	R	<b>63.5</b>			12.2	1	\$572	4	58.2	<b>62.7</b>	63.5	<b>69.6</b>
FS HiSoy	HS 27X60	RRX	2.7	R	<b>63.1</b>			12.3	1	\$568	5	<b>61.2</b>	<b>64.6</b>	62.7	64.0
LG Seeds	C2888RX	RRX	2.8	R	<b>63.1</b>			12.4	1	\$568	6	59.9	59.4	<b>66.0</b>	<b>66.9</b>
Titan Pro	TP-26X37	RRX	2.6	MR	<b>63.1</b>			12.7	1	\$568	7	58.4	59.1	<b>67.8</b>	<b>67.1</b>
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	<b>62.9</b>			12.2	2	\$566	8	<b>61.7</b>	<b>65.5</b>	61.3	62.9
Latham	L2887R2X	RRX	2.8	R	<b>62.8</b>			12.3	6	\$565	9	<b>65.6</b>	60.6	<b>66.5</b>	58.4
Four Star Seed	3X261	RRX	2.6	R	<b>62.7</b>			12.4	1	\$564	11	60.8	<b>63.5</b>	60.1	<b>66.4</b>
Kruger	K2X-2652	RRX	2.6	R	<b>62.6</b>			12.2	1	\$563	12	57.7	61.7	63.4	<b>67.6</b>
Pfister	26R207	RR2Y	2.6	R	<b>62.6</b>			12.3	1	\$563	13	60.9	<b>65.9</b>	60.8	62.9
Four Star Seed	3X271	RRX	2.7	R	<b>62.5</b>			12.4	1	\$563	14	<b>65.1</b>	61.0	64.2	59.6
Pioneer	P27T03R §	RR	2.7	R	<b>62.4</b>			12.5	1	\$562	15	54.8	<b>62.9</b>	<b>70.0</b>	61.8
Kruger	K2X-2852	RRX	2.8	R	62.3			12.4	1	\$561	16	60.1	60.3	65.0	63.8
Latham	L2758R2	RR2Y	2.7	R	62.1			12.2	1	\$559	17	60.7	<b>62.6</b>	61.9	63.2
Kruger	K2X-2863	RRX	2.8	R	61.7			12.3	1	\$555	18	56.4	<b>65.9</b>	60.5	63.9
Titan Pro	TP-28X47	RRX	2.8	MR	61.6			12.5	2	\$554	19	57.5	<b>64.2</b>	62.5	62.2
Hefty	H28X8	RRX	2.8	R	61.4			12.2	1	\$553	20	<b>62.9</b>	59.4	63.6	59.6
Renk	RS288NX	RRX	2.8	R	61.3			12.4	1	\$552	21	<b>63.0</b>	59.2	61.1	61.7
Golden Harvest	GH2537X §	RRX	2.5	R	61.1			12.3	1	\$550	22	58.5	61.5	62.8	61.7
Stine	27RI02 §	RR2Y	2.7	R	61.1			12.6	1	\$550	23	55.9	58.8	<b>65.3</b>	<b>64.5</b>
Champion	28X78N	RRX	2.8	R	60.1			12.5	1	\$541	24	57.9	59.5	63.0	59.8
Champion	26R36N	RR2Y	2.6	MR	59.9			12.3	1	\$539	25	58.2	59.2	61.2	60.9
Hefty	H25X8	RRX	2.5	R	59.6			12.2	1	\$536	26	55.0	<b>65.5</b>	57.4	60.4
Golden Harvest	GH2788X	RRX	2.7	R	59.6			12.4	1	\$536	27	56.1	57.8	63.5	60.9
Titan Pro	TP-26R35	RR2Y	2.6	MR	58.8			12.1	1	\$529	28	55.2	55.4	61.1	63.6
Champion	28R85N	RR2Y	2.8	R	58.7			12.6	1	\$528	29	54.5	52.0	63.7	<b>64.5</b>
Hefty	H26X7	RRX	2.6	R	58.6			12.2	1	\$527	30	55.5	58.0	61.1	59.9
Latham	L2749R2X	RRX	2.7	R	58.6			12.6	2	\$527	31	57.2	57.5	58.9	60.6
Croplan	R2C2450 CK	RR2Y	2.4	R	<b>62.7</b>			12.2	1	\$564	10	60.2	<b>63.4</b>	<b>65.2</b>	61.9

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Averages = **61.1**  
LSD (0.10) = 1.3  
LSD (0.25) = 0.7

**12.4** **1** **\$550** **58.6** **60.3** **62.8** **62.4**  
ns ns 2.5 2.2 2.4 1.8  
ns 1 1.3 1.1 1.2 1.0

Previous years average yield for region, 57.9 bu/a, 11 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 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: 10/27/2017

Revised:

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG21X7 §	RRX	2.1	R	ACi
Asgrow	AG23X8 §	RRX	2.3	R	ACi
Asgrow	AG24X7 §	RRX	2.4	R	ACi
Champion	21X77N	RRX	2.1	R	EL
Champion	22R38N	RR2Y	2.2	R	EL
Champion	24R87N	RR2Y	2.4	R	EL
Champion	24X98N	RRX	2.4	R	ELV
Channel	2108R2	RR2Y	2.1	R	ACi
Channel	2218R2X	RRX	2.2	R	ACi
Channel	2418R2X	RRX	2.4	R	ACi
Croplan	R2C2450 CK	RR2Y	2.4	R	W,IL
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB
Federal	F2280NR2X	RRX	2.2	R	MAG
Federal	F2380NR2X	RRX	2.3	R	MAG
Federal	F2480NR2X	RRX	2.4	R	MAG
Golden Harvest	GH1852X §	RRX	1.8	R	CCB,Me
Golden Harvest	GH2041X	RRX	2.0	R	CCB,Me
Golden Harvest	GH2230X	RRX	2.2	R	CCB,Me
Hefty	H22X7	RRX	2.2	R	DST
Hefty	H22X8	RRX	2.2	R	DST
Hefty	H23X8	RRX	2.3	S	DST
Hefty	H24X8	RRX	2.4	R	DST
Jacobsen Seed	J761NR2X	RRX	2.1	R	AC,PV
Jacobsen Seed	J764NR2	RR2Y	2.4	R	AC,PV
Jacobsen Seed	J774NR2X	RRX	2.4	R	AC,PV
Kruger	K2X-2052	RRX	2.0	R	ACi
Kruger	K2X-2152	RRX	2.1	MR	ACi
Kruger	K2X-2261	RRX	2.2	R	ACi
Latham	L2184R2X	RRX	2.1	R	CCB,Me
Latham	L2228R2	RR2Y	2.2	R	CCB,Me
Latham	L2368R2X	RRX	2.3	R	CCB,Me
Latham	L2484R2X	RRX	2.4	R	SS+
Legend	LS 20R524N	RR2Y	2.0	R	YPP
Legend	LS 20X746N	RRX	2.0	R	YPP
Legend	LS 21X705N	RRX	2.1	R	YPP
LG Seeds	C2201RX	RRX	2.2	R	ASfi,IL
LG Seeds	C2255R2	RR2Y	2.2	R	ASfi,IL
LG Seeds	C2441R2	RR2Y	2.4	R	ASfi,IL
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me
Pfister	21R205	RR2Y	2.1	R	CCB

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Pfister	24R201	RR2Y	2.4	R	CCB
Pioneer	P22T73R §	RR	2.2	R	EE,G,IL
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CMB
Prairie Brand	PB-2228R2	RR2Y	2.2	R	CMB
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CMB
Renk	RS228NX	RRX	2.2	R	AM,IL
Renk	RS248NX	RRX	2.4	R	AM,IL
Stine	21RI32 §	RR2Y	2.1	R	SFI
Stine	24RH62 §	RR2Y	2.4	R	SFI
Titan Pro	TP-21X46	RRX	2.1	R	IS,IL
Titan Pro	TP-24R26	RR2Y	2.4	R	IS,IL
Titan Pro	TP-24X87	RRX	2.4	MR	IS,IL

2017 Soybean - Iowa Northwest [ IANW ]



**Full-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Champion	26R36N	RR2Y	2.6	MR	EL
Champion	26X98N	RRX	2.6	R	None
Champion	28R85N	RR2Y	2.8	R	EL
Champion	28X78N	RRX	2.8	R	EL
Channel	2617R2X	RRX	2.6	R	ACi
Croplan	R2C2450 CK	RR2Y	2.4	R	W,IL
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	CMB
Four Star Seed	3X261	RRX	2.6	R	None
Four Star Seed	3X271	RRX	2.7	R	None
FS HiSoy	HS 25X70	RRX	2.5	R	ACi, IL
FS HiSoy	HS 27X60	RRX	2.7	R	ACi, IL
FS HiSoy	HS 28X70	RRX	2.8	R	ACi, IL
Golden Harvest	GH2537X §	RRX	2.5	R	CCB,Me
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me
Hefty	H25X8	RRX	2.5	R	DST
Hefty	H26X7	RRX	2.6	R	DST
Hefty	H27X6	RRX	2.7	R	DST
Hefty	H28X8	RRX	2.8	R	DST
Kruger	K2X-2652	RRX	2.6	R	ACi
Kruger	K2X-2852	RRX	2.8	R	ACi
Kruger	K2X-2863	RRX	2.8	R	ACi
Latham	L2682R2X	RRX	2.6	R	SS+
Latham	L2749R2X	RRX	2.7	R	CCB,Me
Latham	L2758R2	RR2Y	2.7	R	CCB,Me
Latham	L2887R2X	RRX	2.8	R	CCB,Me
LG Seeds	C2520R2	RR2Y	2.5	R	ASfi,IL
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL
Pfister	26R207	RR2Y	2.6	R	CCB
Pioneer	P25T51R §	RR	2.5	R	EE,G
Pioneer	P27T03R §	RR	2.7	R	None
Renk	RS268NX	RRX	2.6	R	AM,IL
Renk	RS288NX	RRX	2.8	R	AM,IL
Stine	27RI02 §	RR2Y	2.7	R	SFI
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS,IL
Titan Pro	TP-26X37	RRX	2.6	MR	IS,IL
Titan Pro	TP-28X47	RRX	2.8	MR	IS,IL

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

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> 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

BG	Balance <sup>™</sup> GT
LL	LibertyLink <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
ST	Sulfonylurea herbicide tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

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

### Soybean Seed Treatments\*

?	information unavailable	EE	Evergol <sup>™</sup> Energy	None	untreated
A2020	Alert 2020 <sup>™</sup>	EL	Elevate <sup>™</sup> F+I	Pd	proTect D <sup>™</sup>
AC	Acceleron <sup>®</sup> fungicide products	ELV	Elevate <sup>™</sup> VIP (F+I+N)	Pdi	proTect D/I <sup>™</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	En	Encase <sup>®</sup>	PG+	Profit Guard + <sup>™</sup>
AG	ArmourGuard <sup>™</sup>	EQV	Equity <sup>®</sup> VIP	PS	MAS Pro-Shield
AM	ApronMaxx <sup>®</sup>	Es	Escalate <sup>™</sup>	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
ASfi	AgriShield <sup>®</sup> F+I	F	fungicide	SDPI	Servo <sup>™</sup> DPI
AVB	Avicta <sup>®</sup> Complete Beans	G	Gauch <sup>®</sup>	SFI	Stine XP fungicide & insecticide
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	Gr+	Great Start <sup>™</sup> Max Plus	SS	Soyshield <sup>™</sup>
CCB	Clariva <sup>™</sup> Complete Beans	I	insecticide	SS+	Soyshield Plus <sup>™</sup>
CI	Clariva <sup>™</sup> pn	IL	ILeVO <sup>®</sup>	SStd	SureStand <sup>™</sup>
CMB	CruiserMaxx <sup>®</sup> Beans	In	Intego <sup>™</sup> Solo	TE	Trius Elite <sup>™</sup>
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	IS	Intego <sup>™</sup> Suite	TT	Turbo Treat <sup>™</sup>
DPHB	DPH Boost <sup>®</sup>	MAG	Maximum ArmourGuard <sup>™</sup>	W	Warden <sup>®</sup> CX
DST	Dominance <sup>™</sup> ST	Me	Mertect <sup>®</sup>	Wr	Warden <sup>®</sup> RTA
DX	Defend <sup>™</sup> Extra	Mg	Magnum ST <sup>™</sup> (standard)	YPP	YP Pro <sup>™</sup>
EcTC	Eclipse <sup>™</sup> US Total coverage	NCFI	N-Compass <sup>™</sup> Plus F/I		

\* Seed treatments may include unspecified plant health promoting components.