

2017 Soybean Top 30 Harvest Report

Iowa Northwest [IANW] ALBERT CITY

Bloom Family Farms, Aaron Bloom, Buena Vista County, IA 51052



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

PREV. CROP/HERB: Corn / Surpass, Callisto, Durango
 SOIL DESCRIPTION: Canisteo silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Very high P, medium K, 5.2 pH, 3.8% OM, 23.7 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Sonic, Warrant Ultra, Durango
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 26 141,000 /A 30" Spacing
 HARVESTED - STAND: Oct 18 123,700 /A

Early-Season Test
Maturity Group 2.1 - 2.4
 S2017IANW04a

Top 30 of 54

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pfister	21R205	RR2Y	2.1	R	69.0	13.0	2	127.2	\$621	1
Asgrow	AG24X7 §	RRX	2.4	R	68.9	13.0	2	121.6	\$620	2
Federal	F2280NR2X	RRX	2.2	R	67.6	13.4	2	122.4	\$608	3
LG Seeds	C2255R2	RR2Y	2.2	R	67.1	12.9	4	123.5	\$604	4
Prairie Brand	PB-2197R2	RR2Y	2.1	R	67.0	13.1	1	122.5	\$603	5
Legend	LS 20R524N	RR2Y	2.0	R	66.8	13.0	2	128.8	\$601	6
Titan Pro	TP-21X46	RRX	2.1	R	66.2	13.1	1	119.9	\$596	7
Kruger	K2X-2152	RRX	2.1	MR	65.6	12.9	2	129.1	\$590	8
Champion	24R87N	RR2Y	2.4	R	65.5	13.2	2	127.7	\$589	9
Stine	21R132 §	RR2Y	2.1	R	65.1	13.1	1	123.5	\$586	10
Federal	F2480NR2X	RRX	2.4	R	65.0	13.0	1	125.0	\$585	11
Asgrow	AG21X7 §	RRX	2.1	R	65.0	13.1	2	123.3	\$585	12
Golden Harvest	GH2041X	RRX	2.0	R	64.9	13.0	1	123.0	\$584	13
Pioneer	P22T73R §	RR	2.2	R	64.9	13.1	2	124.2	\$584	14
Prairie Brand	PB-2486R2	RR2Y	2.4	R	64.8	12.9	2	128.6	\$583	15
Champion	22R38N	RR2Y	2.2	R	64.7	13.4	4	127.2	\$582	16
Champion	21X77N	RRX	2.1	R	64.6	13.2	4	121.4	\$581	17
Stine	24RH62 §	RR2Y	2.4	R	64.4	13.0	2	121.6	\$580	18
Titan Pro	TP-24R26	RR2Y	2.4	R	64.1	13.0	1	120.5	\$577	19
Prairie Brand	PB-2228R2	RR2Y	2.2	R	63.9	13.1	2	122.2	\$575	20
Jacobsen Seed	J761NR2X	RRX	2.1	R	63.6	13.1	1	126.9	\$572	21
LG Seeds	C2441R2	RR2Y	2.4	R	63.6	13.4	1	124.1	\$572	22
Latham	L2228R2	RR2Y	2.2	R	63.6	13.0	2	123.3	\$572	23
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	63.4	13.0	1	121.7	\$571	24
LG Seeds	C2201RX	RRX	2.2	R	63.4	13.1	2	124.7	\$570	25
Golden Harvest	GH2230X	RRX	2.2	R	63.3	13.0	1	119.7	\$570	26
Pfister	24R201	RR2Y	2.4	R	63.3	13.0	2	127.4	\$570	27
Hefty	H24X8	RRX	2.4	R	63.3	13.0	2	122.8	\$570	28
Hefty	H22X8	RRX	2.2	R	63.2	13.1	4	126.6	\$569	29
Asgrow	AG23X8 §	RRX	2.3	R	63.0	13.1	1	123.8	\$567	30
Croplan	R2C2450 CK	RR2Y	2.4	R	61.0	13.1	4	120.3	\$549	43

Corey Rozenboom

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Averages = **63.0** **13.1** **2** **123.7** **\$567**
 LSD (0.10) = 2.6 ns 2.8
 LSD (0.25) = 1.4 ns 1.5
 C.V. = 3.9

Prev. years avg. yield, 60.3 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: *Area harvest delays have been common due to persistent wet weather since early October. July through mid-August experienced a bit of a dry spell, but rain returned late August as seed development began. Largest rain events all occurred after seed fill. 4.1" during vegetative stages, 1.2" from bloom through full pod and 8.8" from beginning seed through maturity.*

† 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: 10/22/2017 Revised:

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 SOIL CONDITIONS: Very high P, medium K, 5.2 pH, 3.8% OM, 23.7 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Sonic, Warrant Ultra, Durango
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 26 141,000 /A 30" Spacing
 HARVESTED - STAND: Oct 18 121,500 /A

Full-Season Test
Maturity Group 2.5 - 2.8
 S2017IANW04b

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Latham	L2887R2X	RRX	2.8	R	65.6	13.3	6	120.0	\$590	1
Four Star Seed	3X271	RRX	2.7	R	65.1	13.4	4	122.4	\$585	2
Pioneer	P25T51R §	RR	2.5	R	64.1	13.2	4	120.3	\$577	3
Renk	RS288NX	RRX	2.8	R	63.0	13.3	4	123.5	\$567	4
Hefty	H28X8	RRX	2.8	R	62.9	13.3	4	125.0	\$566	5
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	61.7	13.3	4	121.1	\$555	6
Latham	L2682R2X	RRX	2.6	R	61.7	13.3	4	123.3	\$555	7
FS HiSoy	HS 27X60	RRX	2.7	R	61.2	13.2	4	127.7	\$551	8
Pfister	26R207	RR2Y	2.6	R	60.9	13.4	4	118.3	\$548	9
Four Star Seed	3X261	RRX	2.6	R	60.8	13.4	4	124.1	\$547	10
Latham	L2758R2	RR2Y	2.7	R	60.7	13.2	4	122.7	\$546	11
LG Seeds	C2520R2	RR2Y	2.5	R	60.7	13.3	4	119.7	\$546	12
Kruger	K2X-2852	RRX	2.8	R	60.1	13.6	4	123.6	\$540	14
LG Seeds	C2888RX	RRX	2.8	R	59.9	13.3	4	124.7	\$539	15
FS HiSoy	HS 25X70	RRX	2.5	R	59.9	13.4	4	121.6	\$539	16
Golden Harvest	GH2537X §	RRX	2.5	R	58.5	13.3	4	121.1	\$526	17
Titan Pro	TP-26X37	RRX	2.6	MR	58.4	13.4	4	121.7	\$525	18
Channel	2617R2X	RRX	2.6	R	58.2	13.2	4	118.9	\$524	19
Champion	26R36N	RR2Y	2.6	MR	58.2	13.2	4	118.1	\$524	20
Champion	28X78N	RRX	2.8	R	57.9	13.3	4	119.9	\$521	21
Kruger	K2X-2652	RRX	2.6	R	57.7	13.2	4	122.4	\$519	22
Titan Pro	TP-28X47	RRX	2.8	MR	57.5	13.4	6	119.9	\$517	23
Latham	L2749R2X	RRX	2.7	R	57.2	13.4	4	120.0	\$514	24
Kruger	K2X-2863	RRX	2.8	R	56.4	13.2	4	122.0	\$507	25
Golden Harvest	GH2788X	RRX	2.7	R	56.1	13.1	4	117.7	\$505	26
Champion	26X98N	RRX	2.6	R	56.0	13.2	4	121.9	\$504	27
Stine	27RI02 §	RR2Y	2.7	R	55.9	13.4	4	120.0	\$503	28
Hefty	H26X7	RRX	2.6	R	55.5	13.4	4	121.4	\$499	29
Titan Pro	TP-26R35	RR2Y	2.6	MR	55.2	13.1	4	124.7	\$497	30
Hefty	H25X8	RRX	2.5	R	55.0	13.2	4	119.7	\$495	31
Croplan	R2C2450 CK	RR2Y	2.4	R	60.2	13.0	4	121.9	\$542	13

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Averages = **58.6** **13.3** **4** **121.5** **\$527**
 LSD (0.10) = 2.5 0.2 ns
 LSD (0.25) = 1.3 0.1 ns
 C.V. = 4.0

Prev. years avg. yield, 60.3 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: *Area harvest delays have been common due to persistent wet weather since early October. July through mid-August experienced a bit of a dry spell, but rain returned late August as seed development began. Largest rain events all occurred after seed fill. 4.1" during vegetative stages, 1.2" from bloom through full pod and 8.8" from beginning seed through maturity.*

† 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: 10/22/2017 Revised:

2017 Soybean - Iowa Northwest [IANW]

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG21X7 §	RRX	2.1	R	ACi	Prairie Brand	PB-2228R2	RR2Y	2.2	R	CMB
Asgrow	AG23X8 §	RRX	2.3	R	ACi	Prairie Brand	PB-2486R2	RR2Y	2.4	R	CMB
Asgrow	AG24X7 §	RRX	2.4	R	ACi	Renk	RS228NX	RRX	2.2	R	AM,IL
Champion	21X77N	RRX	2.1	R	EL	Renk	RS248NX	RRX	2.4	R	AM,IL
Champion	22R38N	RR2Y	2.2	R	EL	Stine	21RI32 §	RR2Y	2.1	R	SFI
Champion	24R87N	RR2Y	2.4	R	EL	Stine	24RH62 §	RR2Y	2.4	R	SFI
Champion	24X98N	RRX	2.4	R	ELV	Titan Pro	TP-21X46	RRX	2.1	R	IS,IL
Channel	2108R2	RR2Y	2.1	R	ACi	Titan Pro	TP-24R26	RR2Y	2.4	R	IS,IL
Channel	2218R2X	RRX	2.2	R	ACi	Titan Pro	TP-24X87	RRX	2.4	MR	IS,IL
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						
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						

2017 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
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						

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. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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

BG	Balance™ GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
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	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.