

2017 Soybean Top 30 Harvest Report

Iowa Northwest [IANW] GALVA
Klint Cork, Ida County, IA 51020



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

PREV. CROP/HERB: Corn / Halex GT
SOIL DESCRIPTION: Galva silty clay loam, well drained, non-irrigated
SOIL CONDITIONS: Very high P, very high K, 6.2 pH, 4.2% OM, 24.2 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Zidua Pro, Roundup, Flexstar, Clethodim, Priaxor, Capture
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 26 141,000 /A 30" Spacing
HARVESTED - STAND: Oct 25 128,100 /A

Early-Season Test
Maturity Group 2.1 - 2.4
S2017IANW03a

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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
Champion	24R87N	RR2Y	2.4	R	69.9	10.0	0	129.7	\$629	1
Federal	F2280NR2X	RRX	2.2	R	69.4	10.0	0	131.6	\$625	2
Champion	22R38N	RR2Y	2.2	R	69.1	10.0	0	127.7	\$622	3
Hefty	H24X8	RRX	2.4	R	68.5	9.7	0	124.7	\$617	4
Jacobsen Seed	J761NR2X	RRX	2.1	R	68.2	9.8	0	126.7	\$614	5
Channel	2108R2	RR2Y	2.1	R	67.4	9.8	0	126.0	\$607	6
Legend	LS 20R524N	RR2Y	2.0	R	67.3	9.7	0	132.7	\$606	7
Renk	RS228NX	RRX	2.2	R	67.0	9.8	0	129.3	\$603	8
Titan Pro	TP-24R26	RR2Y	2.4	R	66.8	9.9	0	128.8	\$601	9
Channel	2218R2X	RRX	2.2	R	66.5	9.7	0	121.9	\$599	10
Stine	24RH62 §	RR2Y	2.4	R	66.4	10.0	0	126.1	\$598	11
Asgrow	AG24X7 §	RRX	2.4	R	66.2	9.7	0	127.7	\$596	12
Prairie Brand	PB-2228R2	RR2Y	2.2	R	66.0	9.8	0	123.9	\$594	13
LG Seeds	C2441R2	RR2Y	2.4	R	65.9	10.0	0	127.1	\$593	14
Pfister	21R205	RR2Y	2.1	R	65.7	9.8	0	125.5	\$591	15
Champion	21X77N	RRX	2.1	R	65.7	10.0	0	126.0	\$591	16
Kruger	K2X-2261	RRX	2.2	R	65.6	9.8	0	131.8	\$590	17
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	65.4	9.8	0	126.3	\$589	18
Channel	2418R2X	RRX	2.4	R	65.4	9.8	0	128.8	\$589	19
Prairie Brand	PB-2486R2	RR2Y	2.4	R	65.3	9.8	0	128.9	\$588	20
Pfister	24R201	RR2Y	2.4	R	65.2	9.7	0	127.8	\$587	21
LG Seeds	C2255R2	RR2Y	2.2	R	65.2	9.8	0	127.2	\$587	22
Kruger	K2X-2152	RRX	2.1	MR	65.2	9.8	0	127.7	\$587	23
Prairie Brand	PB-2197R2	RR2Y	2.1	R	65.2	9.8	0	127.2	\$587	24
Golden Harvest	GH2230X	RRX	2.2	R	65.0	9.7	0	128.0	\$585	25
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	64.9	9.8	0	129.1	\$584	26
Titan Pro	TP-21X46	RRX	2.1	R	64.1	9.7	0	129.1	\$577	28
Jacobsen Seed	J764NR2	RR2Y	2.4	R	63.9	9.7	0	130.3	\$575	29
LG Seeds	C2201RX	RRX	2.2	R	63.9	9.9	0	129.9	\$575	30
Pioneer	P22T73R §	RR	2.2	R	63.8	9.8	0	126.7	\$574	31
Croplan	R2C2450 CK	RR2Y	2.4	R	64.5	9.8	0	126.1	\$581	27

Corey Rozenboom

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Averages = **63.9** **9.8** **0** **128.1** **\$575**
LSD (0.10) = 2.7 0.3 ns
LSD (0.25) = 1.4 0.1 ns
C.V. = 4.0

Prev. years avg. yield, 59.7 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

TEST COMMENTS: *Below average rainfall for much of June and July resulted in limited vegetative growth and shorter plants than normal. Klint, our host grower, noted that some short varieties had excellent pod set and decent yields compared to taller varieties. Most rain occurred after seed fill, 3.2" during vegetative stages, 2" from bloom to full pod and 14.4" from beginning seed to 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: 10/27/2017 Revised:

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TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Zidua Pro, Roundup, Flexstar, Clethodim, Priaxor, Capture
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 26 141,000 /A 30" Spacing
HARVESTED - STAND: Oct 25 127,000 /A

Full-Season Test
Maturity Group 2.5 - 2.8
S2017IANW03b

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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
Pioneer	P27T03R §	RR	2.7	R	70.0	9.8	0	128.9	\$630	1
LG Seeds	C2520R2	RR2Y	2.5	R	69.8	9.7	0	124.4	\$628	2
Titan Pro	TP-26X37	RRX	2.6	MR	67.8	9.7	0	128.9	\$610	3
Pioneer	P25T51R §	RR	2.5	R	66.7	9.7	0	124.4	\$600	4
Latham	L2682R2X	RRX	2.6	R	66.5	9.6	0	126.9	\$599	5
Latham	L2887R2X	RRX	2.8	R	66.5	9.6	0	122.5	\$599	6
LG Seeds	C2888RX	RRX	2.8	R	66.0	9.7	0	129.1	\$594	7
Stine	27RI02 §	RR2Y	2.7	R	65.3	9.7	0	125.5	\$588	8
Kruger	K2X-2852	RRX	2.8	R	65.0	9.9	0	129.3	\$585	10
Four Star Seed	3X271	RRX	2.7	R	64.2	9.7	0	127.8	\$578	11
Champion	28R85N	RR2Y	2.8	R	63.7	9.7	0	124.4	\$573	12
Hefty	H28X8	RRX	2.8	R	63.6	9.6	0	126.7	\$572	13
Channel	2617R2X	RRX	2.6	R	63.5	9.7	0	131.9	\$572	14
Golden Harvest	GH2788X	RRX	2.7	R	63.5	9.7	0	129.1	\$572	15
Kruger	K2X-2652	RRX	2.6	R	63.4	9.7	0	127.5	\$571	16
Champion	28X78N	RRX	2.8	R	63.0	9.7	0	127.5	\$567	17
Golden Harvest	GH2537X §	RRX	2.5	R	62.8	9.7	0	127.2	\$565	18
FS HiSoy	HS 27X60	RRX	2.7	R	62.7	9.7	0	125.5	\$564	19
Titan Pro	TP-28X47	RRX	2.8	MR	62.5	9.7	0	125.2	\$563	20
Latham	L2758R2	RR2Y	2.7	R	61.9	9.6	0	128.8	\$557	21
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	61.3	9.6	0	131.3	\$552	22
Champion	26R36N	RR2Y	2.6	MR	61.2	9.7	0	123.9	\$551	23
Hefty	H26X7	RRX	2.6	R	61.1	9.6	0	128.5	\$550	24
Titan Pro	TP-26R35	RR2Y	2.6	MR	61.1	9.6	0	129.6	\$550	25
Renk	RS288NX	RRX	2.8	R	61.1	9.7	0	123.8	\$550	26
Pfister	26R207	RR2Y	2.6	R	60.8	9.7	0	128.3	\$547	27
Kruger	K2X-2863	RRX	2.8	R	60.5	9.6	0	124.7	\$545	28
Hefty	H27X6	RRX	2.7	R	60.4	9.6	0	126.3	\$544	29
Champion	26X98N	RRX	2.6	R	60.2	9.6	0	129.3	\$542	30
Four Star Seed	3X261	RRX	2.6	R	60.1	9.7	0	128.9	\$541	31
Croplan	R2C2450 CK	RR2Y	2.4	R	65.2	9.7	0	128.0	\$587	9

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Averages = **62.8** **9.7** **0** **127.0** **\$566**
LSD (0.10) = 2.4 0.1 ns
LSD (0.25) = 1.2 0.0 ns
C.V. = 3.6

Prev. years avg. yield, 59.7 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

TEST COMMENTS: *Below average rainfall for much of June and July resulted in limited vegetative growth and shorter plants than normal. Klint, our host grower, noted that some short varieties had excellent pod set and decent yields compared to taller varieties. Most rain occurred after seed fill, 3.2" during vegetative stages, 2" from bloom to full pod and 14.4" from beginning seed to maturity.*

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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	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.