

2017 Soybean Top 30 Harvest Report

Iowa South Central [IASC] SLATER
Jason Krause, Story County, IA 50244



Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Corn / Durango
SOIL DESCRIPTION: Webster clay loam,
SOIL CONDITIONS: Low P, medium K, 5.4 pH, 1.7% OM, 13.4 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Treflan, Flexstar GT, Roundup PowerMax, Avaris, Asana XL
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 15 170,000 /A 15" Spacing
HARVESTED - STAND: Oct 28 164,600 /A

Early-Season Test
Maturity Group 2.3 - 2.7
S2017IASC42a

Top 30 of 45

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
Cornelius	CB26X70	RRX	2.6	R	69.1	10.9	1	167.3	\$614	1
LG Seeds	C2580RX	RRX	2.5	R	68.7	10.9	1	167.3	\$611	2
Titan Pro	TP-26X37	RRX	2.6	MR	68.1	10.9	1	163.3	\$605	3
Champion	24X98N	RRX	2.4	R	66.4	11.1	1	167.3	\$590	4
Golden Harvest	GH2788X	RRX	2.7	R	65.3	10.5	1	167.3	\$581	5
Kruger	K2X-2652	RRX	2.6	R	63.6	10.6	2	155.3	\$565	7
FS HiSoy	HS 23X70	RRX	2.3	R	63.4	10.7	1	159.3	\$564	8
Asgrow	AG24X7 §	RRX	2.4	R	63.3	10.4	1	167.3	\$563	9
Golden Harvest	GH2537X §	RRX	2.5	R	63.1	10.7	1	163.3	\$561	10
Champion	26X98N	RRX	2.6	R	62.4	10.8	1	167.3	\$555	11
Four Star Seed	3X271	RRX	2.7	R	62.3	11.0	1	167.3	\$554	12
Cornelius	CB24X64	RRX	2.4	R	61.8	11.0	1	167.3	\$549	13
FS HiSoy	HS 25X70	RRX	2.5	R	61.5	11.0	1	159.3	\$547	14
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	60.6	10.7	1	167.3	\$539	15
Cornelius	CB24R82	RR2Y	2.4	R	60.5	10.7	2	167.3	\$538	16
LG Seeds	C2520R2	RR2Y	2.5	R	60.3	10.5	1	163.3	\$536	17
Latham	L2484R2X	RRX	2.4	R	60.0	11.1	1	163.3	\$533	18
Titan Pro	TP-24X87	RRX	2.4	MR	59.9	10.9	1	167.3	\$533	19
Pioneer	P25A70R §	RR	2.5	R	59.7	10.8	1	167.3	\$531	20
NK Brand	S27-M8X GC	RRX	2.7	R	59.2	10.7	1	163.3	\$526	21
Pfister	21R205	RR2Y	2.1	R	58.9	10.4	1	163.3	\$524	22
LG Seeds	C2441R2	RR2Y	2.4	R	58.9	10.6	2	167.3	\$524	23
Latham	L2758R2	RR2Y	2.7	R	58.6	10.4	1	163.3	\$521	24
Four Star Seed	3X261	RRX	2.6	R	58.6	10.7	1	167.3	\$521	25
FS HiSoy	HS 27X60	RRX	2.7	R	58.5	10.7	1	167.3	\$520	26
Pfister	24R201	RR2Y	2.4	R	58.2	10.7	1	167.3	\$517	27
Jacobsen Seed	J876NR2X	RRX	2.6	R	58.0	11.1	1	163.3	\$516	28
Pioneer	P27T47R §	RR	2.7	R	57.9	10.8	1	167.3	\$515	29
Asgrow	AG26X8 §	RRX	2.6	R	57.7	10.9	1	167.3	\$513	30
FS HiSoy	HS 24X70	RRX	2.4	R	57.6	10.9	1	167.3	\$512	31
Pioneer	P28T08R CK	RR	2.8	R	64.8	10.4	1	159.3	\$576	6

Averages = **59.8** **10.8** **1** **164.6** **\$532**

LSD (0.10) = 4.6 0.2 0.9

LSD (0.25) = 2.4 0.1 0.5

C.V. = 7.3

Prev. years avg. yield, 51.6 bu/a, 11 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.89 GMO; \$8.89 non-GMO

TEST COMMENTS: *The test was planted into good soil conditions. Early season rain helped provide a good start. A June hail storm caused minor damage to the test but the surrounding field took the brunt of the storm. Jason, our host grower, applied insecticide and fungicide to protect the field. Dry weather conditions the last half season slowed plants down. Plants stood 35-40 inches tall with good pod sets.*

† 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: 10/31/2017 Revised:

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PEST MANAGEMENT: Treflan, Flexstar GT, Roundup PowerMax, Avaris, Asana XL
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 15 170,000 /A 15" Spacing
HARVESTED - STAND: Oct 28 172,400 /A

Full-Season Test
Maturity Group 2.8 - 3.1
S2017IASC42b

Top 30 of 45

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
Titan Pro	TP-28X47	RRX	2.8	MR	67.9	10.8	1	173.2	\$604	1
Prairie Brand	PB-2997R2	RR2Y	2.8	R	67.9	10.8	1	173.2	\$604	2
FS HiSoy	HS 29X70	RRX	2.9	R	67.3	10.8	1	173.2	\$598	3
Titan Pro	TP-31X26	RRX	3.1	R	67.2	10.7	1	173.2	\$597	4
Golden Harvest	GH3195X §	RRX	3.1	R	67.2	10.7	1	173.2	\$597	5
Cornelius	CB31X13	RRX	3.1	R	67.2	10.8	1	173.2	\$597	6
Kruger	K2X-2863	RRX	2.8	R	66.6	10.5	1	173.2	\$592	7
Pfister	30R25	RR2Y	3.0	R	66.5	10.7	2	165.3	\$591	8
NK Brand	S29-K3X GC	RRX	2.9	R	66.3	10.6	1	173.2	\$589	9
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	66.3	10.7	1	173.2	\$589	10
Champion	29R06N	RR2Y	2.9	R	65.7	11.0	1	173.2	\$584	11
Golden Harvest	GH2981X	RRX	2.9	R	65.0	10.8	1	173.2	\$578	12
Pfister	29R25	RR2Y	2.9	R	64.9	10.6	1	169.3	\$577	13
Cornelius	CB28R58	RR2Y	2.8	R	64.7	10.6	1	173.2	\$575	14
Kruger	K2X-3141	RRX	3.1	MR	64.6	10.9	1	169.3	\$574	15
Latham	L2884R2	RR2Y	2.8	R	64.4	10.8	1	173.2	\$573	16
Champion	28R85N	RR2Y	2.8	R	63.9	10.8	1	173.2	\$568	18
LG Seeds	C3026RX	RRX	3.0	R	63.9	10.9	2	173.2	\$568	19
Titan Pro	TP-30X77	RRX	3.0	MR	63.6	10.8	1	173.2	\$565	20
Pioneer	P31A22X §	RRX	3.1	R	63.6	10.9	1	173.2	\$565	21
Renk	RS316NR2	RR2Y	3.1	R	63.0	10.9	1	171.3	\$560	22
Champion	28X78N	RRX	2.8	R	62.9	10.6	1	173.2	\$559	23
Four Star Seed	3X300	RRX	3.0	R	62.9	10.7	1	173.2	\$559	24
NK Brand	S30-V6 §	RR2Y	3.0	R	61.9	10.6	1	171.3	\$550	25
Pioneer	P28T71X §	RRX	2.8	R	61.8	10.8	1	171.3	\$549	26
LG Seeds	C2888RX	RRX	2.8	R	61.7	10.6	1	173.2	\$549	27
Jacobsen Seed	J878NR2X	RRX	2.8	R	61.5	10.7	1	173.2	\$547	28
Renk	RS288NX	RRX	2.8	R	61.3	10.5	1	173.2	\$545	29
Latham	L2887R2X	RRX	2.8	R	61.0	10.8	1	171.3	\$542	30
Legend	LS 30X840N	RRX	3.0	R	60.2	10.6	1	173.2	\$535	31
Pioneer	P28T08R CK	RR	2.8	R	63.9	10.7	1	173.2	\$568	17

Averages = **62.1** **10.8** **1** **172.4** **\$552**

LSD (0.10) = 6.5 0.2 1.4

LSD (0.25) = 3.4 0.1 0.8

C.V. = 9.9

Prev. years avg. yield, 51.6 bu/a, 11 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.89 GMO; \$8.89 non-GMO

TEST COMMENTS: *The test was planted into good soil conditions. Early season rain helped provide a good start. A June hail storm caused minor damage to the test but the surrounding field took the brunt of the storm. Jason, our host grower, applied insecticide and fungicide to protect the field. Dry weather conditions the last half season slowed plants down. Plants stood 35-40 inches tall with good pod sets.*

† 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: 10/31/2017 Revised:

2017 Soybean - Iowa South Central [IASC]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG23X8 §	RRX	2.3	R	ACi						
Asgrow	AG24X7 §	RRX	2.4	R	ACi						
Asgrow	AG26X8 §	RRX	2.6	R	ACi						
Champion	24R87N	RR2Y	2.4	R	EL						
Champion	24X98N	RRX	2.4	R	ELV						
Champion	26R36N	RR2Y	2.6	MR	EL						
Champion	26X98N	RRX	2.6	R	ELV						
Cornelius	CB24R82	RR2Y	2.4	R	PG+						
Cornelius	CB24X64	RRX	2.4	R	PG+						
Cornelius	CB26X70	RRX	2.6	R	PG+						
Cornelius	CB27X81	RRX	2.7	R	PG+						
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB						
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 23X70	RRX	2.3	R	ACi, IL						
FS HiSoy	HS 24X70	RRX	2.4	R	ACi, IL						
FS HiSoy	HS 25X70	RRX	2.5	R	ACi, IL						
FS HiSoy	HS 27X60	RRX	2.7	R	ACi, IL						
Golden Harvest	GH2537X §	RRX	2.5	R	CCB,Me						
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me						
Jacobsen Seed	J856R2	RR2Y	2.6	MR	AC,PV						
Jacobsen Seed	J876NR2X	RRX	2.6	R	AC,PV						
Kruger	K2X-2652	RRX	2.6	R	ACi						
Latham	L2482R2	RR2Y	2.4	R	SS+						
Latham	L2484R2X	RRX	2.4	R	SS+						
Latham	L2682R2X	RRX	2.6	R	SS+						
Latham	L2758R2	RR2Y	2.7	R	CCB,Me						
LG Seeds	C2441R2	RR2Y	2.4	R	ASfi,IL						
LG Seeds	C2520R2	RR2Y	2.5	R	ASfi,IL						
LG Seeds	C2580RX	RRX	2.5	R	ASfi,IL						
NK Brand	S26-P3 GC	RR2Y	2.6	MR	CCB,Me						
NK Brand	S27-M8X GC	RRX	2.7	R	CCB,Me						
Pfister	21R205	RR2Y	2.1	R	CCB						
Pfister	24R201	RR2Y	2.4	R	CCB						
Pioneer	P25A70R §	RR	2.5	R	EE,G						
Pioneer	P27T47R §	RR	2.7	R	EE,G						
Pioneer	P28T08R CK	RR	2.8	R	EE,G						
Renk	RS248NX	RRX	2.4	R	AM,IL						
Renk	RS268NX	RRX	2.6	R	AM,IL						
Stine	24RH62 §	RR2Y	2.4	R	SFI						
Stine	27RI02 §	RR2Y	2.7	R	SFI						
Titan Pro	TP-24R26	RR2Y	2.4	R	IS,IL						
Titan Pro	TP-24X87	RRX	2.4	MR	IS,IL						
Titan Pro	TP-26X37	RRX	2.6	MR	IS,IL						

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Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Champion	28R85N	RR2Y	2.8	R	EL						
Champion	28X78N	RRX	2.8	R	EL						
Champion	29R06N	RR2Y	2.9	R	EL						
Champion	31X77N	RRX	3.1	R	EL						
Cornelius	CB28R58	RR2Y	2.8	R	PG+						
Cornelius	CB28X73	RRX	2.8	R	PG+						
Cornelius	CB29R69	RR2Y	2.9	R	PG+						
Cornelius	CB31X13	RRX	3.1	R	PG+						
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB						
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	CMB						
Four Star Seed	3X300	RRX	3.0	R	ACi						
FS HiSoy	HS 28X70	RRX	2.8	R	ACi, IL						
FS HiSoy	HS 29X70	RRX	2.9	R	ACi, IL						
FS HiSoy	HS 30X70	RRX	3.0	R	ACi, IL						
FS HiSoy	HS 31X60	RRX	3.1	R	ACi, IL						
Golden Harvest	GH2981X	RRX	2.9	R	CCB,Me						
Golden Harvest	GH3195X §	RRX	3.1	R	CCB,Me						
Jacobsen Seed	J878NR2X	RRX	2.8	R	AC,PV						
Jacobsen Seed	J960NR2X	RRX	3.0	R	AC,PV						
Kruger	K2X-2852	RRX	2.8	R	ACi						
Kruger	K2X-2863	RRX	2.8	R	ACi						
Kruger	K2X-3141	RRX	3.1	MR	ACi						
Latham	L2884R2	RR2Y	2.8	R	CCB,Me						
Latham	L2887R2X	RRX	2.8	R	CCB,Me						
Latham	L3184R2	RR2Y	3.1	R	CCB,Me						
Latham	L3195EXGT	BG	3.1	R	SS+						
Legend	LS 30X840N	RRX	3.0	R	YPP						
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL						
LG Seeds	C3026RX	RRX	3.0	R	ASfi,IL						
NK Brand	S29-K3X GC	RRX	2.9	R	CCB,Me						
NK Brand	S30-V6 §	RR2Y	3.0	R	CCB,Me						
Pfister	29R25	RR2Y	2.9	R	CCB						
Pfister	30R25	RR2Y	3.0	R	CCB						
Pioneer	P28T08R CK	RR	2.8	R	EE,G						
Pioneer	P28T71X §	RRX	2.8	R	EE,G						
Pioneer	P31A22X §	RRX	3.1	R	EE,G						
Pioneer	P31T77R §	RR	3.1	R	EE,G,IL						
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CMB						
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CMB						
Renk	RS288NX	RRX	2.8	R	AM,IL						
Renk	RS316NR2	RR2Y	3.1	R	AM,IL						
Stine	28RH02 §	RR2Y	2.8	R	SFI						
Titan Pro	TP-28X47	RRX	2.8	MR	IS,IL						
Titan Pro	TP-30X77	RRX	3.0	MR	IS,IL						
Titan Pro	TP-31X26	RRX	3.1	R	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	Gaicho [®]	YPP	YP Pro [™]

* Seed treatments may include unspecified plant health promoting components.