

2017 Soybean Top 30 Harvest Report

Iowa South Central [IASC] YALE
Dennis Mleynek, Guthrie County, IA 50216



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

PREV. CROP/HERB: Corn / Roundup, Cadet
SOIL DESCRIPTION: Nicollet loam,
SOIL CONDITIONS: High P, low K, 5.4 pH, 3.1% OM, 21.1 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Flexstar GT, Fusilade
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 15 170,000 /A 15" Spacing
HARVESTED - STAND: Oct 27 169,400 /A

Early-Season Test
Maturity Group 2.3 - 2.7
S2017IASC44a

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	CB24X64	RRX	2.4	R	76.6	10.1	4	169.3	\$681	1
Asgrow	AG26X8 §	RRX	2.6	R	73.8	9.8	3	167.3	\$656	2
Latham	L2484R2X	RRX	2.4	R	70.9	10.0	3	171.3	\$630	3
Champion	24X98N	RRX	2.4	R	70.5	10.0	4	169.3	\$627	4
Titan Pro	TP-26X37	RRX	2.6	MR	69.9	9.8	1	169.3	\$621	5
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	69.6	9.7	3	171.3	\$619	6
Champion	26R36N	RR2Y	2.6	MR	69.5	9.7	2	169.3	\$618	7
Kruger	K2X-2652	RRX	2.6	R	67.9	9.7	4	169.3	\$604	8
Cornelius	CB26X70	RRX	2.6	R	67.3	9.8	1	169.3	\$598	10
Asgrow	AG23X8 §	RRX	2.3	R	67.3	9.8	4	169.3	\$598	11
Latham	L2758R2	RR2Y	2.7	R	67.1	9.9	4	167.3	\$597	12
FS HiSoy	HS 27X60	RRX	2.7	R	66.7	9.7	1	169.3	\$593	13
FS HiSoy	HS 25X70	RRX	2.5	R	65.3	9.8	1	169.3	\$581	14
Champion	26X98N	RRX	2.6	R	65.2	9.8	1	169.3	\$580	15
Asgrow	AG24X7 §	RRX	2.4	R	65.1	9.5	2	169.3	\$579	16
Four Star Seed	3X261	RRX	2.6	R	64.9	9.9	3	169.3	\$577	17
Pioneer	P25A70R §	RR	2.5	R	64.7	9.8	1	171.3	\$575	18
Renk	RS268NX	RRX	2.6	R	64.6	9.8	2	167.3	\$574	19
Golden Harvest	GH2537X §	RRX	2.5	R	64.5	9.6	3	171.3	\$573	20
NK Brand	S27-M8X GC	RRX	2.7	R	64.4	9.5	1	167.3	\$573	21
Titan Pro	TP-24X87	RRX	2.4	MR	64.3	10.0	3	167.3	\$572	22
Golden Harvest	GH2788X	RRX	2.7	R	64.0	9.7	2	171.3	\$569	23
Champion	24R87N	RR2Y	2.4	R	63.9	9.7	4	171.3	\$568	24
Four Star Seed	3X271	RRX	2.7	R	63.2	9.7	2	169.3	\$562	25
Jacobsen Seed	J876NR2X	RRX	2.6	R	63.1	9.8	2	169.3	\$561	26
Cornelius	CB27X81	RRX	2.7	R	63.0	10.1	2	171.3	\$560	27
Renk	RS248NX	RRX	2.4	R	62.9	9.9	1	171.3	\$559	28
FS HiSoy	HS 23X70	RRX	2.3	R	62.2	9.7	2	167.3	\$553	29
LG Seeds	C2441R2	RR2Y	2.4	R	61.9	10.0	3	171.3	\$550	30
LG Seeds	C2580RX	RRX	2.5	R	61.7	9.9	3	167.3	\$549	31
Pioneer	P28T08R CK	RR	2.8	R	67.8	10.1	3	171.3	\$603	9

Averages = **63.0** **9.8** **3** **169.4** **\$560**

LSD (0.10) = 6.0 ns 2.1

LSD (0.25) = 3.1 ns 1.1

C.V. = 9.0 Prev. years avg. yield, 56.8 bu/a, 14 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 site was no-till planted into good soil conditions. Near normal growing conditions experienced through July before turning dry during grain fill. Pods were small and contained small sized seed due to the limited rainfall. Plant height was uniform across the test, approximately 35 inches tall. No major disease issues but there were a few waterhemp plants sporadically throughout the test.*

† 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: 10/28/2017 Revised:

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PEST MANAGEMENT: Flexstar GT, Fusilade
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 15 170,000 /A 15" Spacing
HARVESTED - STAND: Oct 27 171,600 /A

Full-Season Test
Maturity Group 2.8 - 3.1
S2017IASC44b

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
Pioneer	P31T77R §	RR	3.1	R	72.2	10.1	1	171.3	\$642	1
NK Brand	S29-K3X GC	RRX	2.9	R	69.4	9.9	1	171.3	\$617	2
Champion	29R06N	RR2Y	2.9	R	68.9	9.9	1	173.2	\$613	3
Cornelius	CB28R58	RR2Y	2.8	R	68.7	10.0	2	169.3	\$611	4
Latham	L3195EXGT	BG	3.1	R	68.6	10.0	3	169.3	\$610	5
Pioneer	P31A22X §	RRX	3.1	R	68.5	10.1	2	171.3	\$609	6
Renk	RS316NR2	RR2Y	3.1	R	68.1	9.9	1	173.2	\$605	7
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	67.8	10.1	1	173.2	\$603	8
Prairie Brand	PB-2997R2	RR2Y	2.8	R	67.6	10.0	1	171.3	\$601	9
Legend	LS 30X840N	RRX	3.0	R	66.8	9.9	2	169.3	\$594	10
FS HiSoy	HS 29X70	RRX	2.9	R	66.6	9.9	1	173.2	\$592	11
Latham	L2887R2X	RRX	2.8	R	66.3	10.2	1	173.2	\$589	12
FS HiSoy	HS 28X70	RRX	2.8	R	66.1	10.0	1	167.3	\$588	13
Pfister	29R25	RR2Y	2.9	R	65.8	10.0	1	171.3	\$585	14
Golden Harvest	GH2981X	RRX	2.9	R	65.6	9.9	1	173.2	\$583	15
Champion	28X78N	RRX	2.8	R	64.8	9.8	1	173.2	\$576	16
Cornelius	CB28X73	RRX	2.8	R	64.8	9.9	1	171.3	\$576	17
Jacobsen Seed	J878NR2X	RRX	2.8	R	64.7	9.8	1	173.2	\$575	18
Latham	L2884R2	RR2Y	2.8	R	64.6	9.7	1	171.3	\$574	19
Pfister	30R25	RR2Y	3.0	R	64.3	10.3	2	173.2	\$572	20
Golden Harvest	GH3195X §	RRX	3.1	R	64.2	9.8	1	171.3	\$571	21
Champion	28R85N	RR2Y	2.8	R	63.3	10.6	1	173.2	\$563	23
Four Star Seed	3X300	RRX	3.0	R	63.3	9.9	3	169.3	\$563	24
Titan Pro	TP-30X77	RRX	3.0	MR	63.0	9.8	1	171.3	\$560	25
Pioneer	P28T71X §	RRX	2.8	R	62.1	10.3	2	171.3	\$552	26
Jacobsen Seed	J960NR2X	RRX	3.0	R	61.3	9.9	1	173.2	\$545	27
Latham	L3184R2	RR2Y	3.1	R	61.2	10.2	1	171.3	\$544	28
LG Seeds	C2888RX	RRX	2.8	R	61.0	9.8	1	171.3	\$542	29
Kruger	K2X-2852	RRX	2.8	R	60.2	9.9	3	167.3	\$535	30
Stine	28RH02 §	RR2Y	2.8	R	60.0	10.4	1	173.2	\$533	31
Pioneer	P28T08R CK	RR	2.8	R	63.6	9.8	1	169.3	\$565	22

Averages = **62.3** **10.0** **1** **171.6** **\$553**

LSD (0.10) = 6.1 0.3 0.9

LSD (0.25) = 3.2 0.2 0.5

C.V. = 9.3 Prev. years avg. yield, 56.8 bu/a, 14 yrs

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

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Report Date: 10/28/2017 Revised:

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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						

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.