

2017 Soybean Top 30 Harvest Report
 Iowa South Central [IASC] CENTRAL CITY
 Jim Greif, Linn County, IA 52310



PREV. CROP/HERB: Corn/Wheat / Round up, Sharpen, Armezon, Status, Force, Headline
 SOIL DESCRIPTION: Kenyon loam,
 SOIL CONDITIONS: High P, high K, 5.1 pH, 2.1% OM, 9.8 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Vidue Pro, First Rate
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: Jun 1 170,000 /A 15" Spacing
 HARVESTED - STAND: Nov 1 166,300 /A

Early-Season Test
Maturity Group 2.3 - 2.7
 S2017IASC41a

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
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	65.0	13.5	1	167.3	\$577	1
Pfister	21R205	RR2Y	2.1	R	62.7	13.2	1	167.3	\$557	3
Latham	L2682R2X	RRX	2.6	R	62.5	13.4	1	167.3	\$555	4
LG Seeds	C2441R2	RR2Y	2.4	R	61.8	13.2	1	167.3	\$549	5
LG Seeds	C2520R2	RR2Y	2.5	R	60.9	13.4	1	167.3	\$541	6
Titan Pro	TP-24R26	RR2Y	2.4	R	60.8	13.3	1	167.3	\$540	7
Asgrow	AG26X8 §	RRX	2.6	R	60.7	13.4	2	165.3	\$539	8
Champion	26R36N	RR2Y	2.6	MR	60.4	13.5	1	165.3	\$536	9
Cornelius	CB24R82	RR2Y	2.4	R	60.4	13.5	1	167.3	\$536	10
Jacobsen Seed	J856R2	RR2Y	2.6	MR	60.4	13.6	1	167.3	\$536	11
Cornelius	CB24X64	RRX	2.4	R	60.3	13.6	1	167.3	\$535	12
Champion	24R87N	RR2Y	2.4	R	60.0	13.4	1	167.3	\$533	13
Champion	26X98N	RRX	2.6	R	59.9	13.7	1	167.3	\$532	14
Latham	L2758R2	RR2Y	2.7	R	59.5	13.6	1	167.3	\$528	15
Stine	27RI02 §	RR2Y	2.7	R	59.3	13.2	2	167.3	\$527	16
Jacobsen Seed	J876NR2X	RRX	2.6	R	59.1	13.4	1	167.3	\$525	17
Pfister	24R201	RR2Y	2.4	R	58.9	13.2	1	161.3	\$523	18
Latham	L2484R2X	RRX	2.4	R	58.8	13.9	1	165.3	\$522	19
Champion	24X98N	RRX	2.4	R	58.7	13.7	1	167.3	\$521	20
Stine	24RH62 §	RR2Y	2.4	R	58.5	13.3	1	167.3	\$520	21
Pioneer	P27T47R §	RR	2.7	R	58.5	13.4	1	167.3	\$520	22
Kruger	K2X-2652	RRX	2.6	R	58.3	13.3	1	165.3	\$518	23
Titan Pro	TP-26X37	RRX	2.6	MR	58.2	13.4	1	167.3	\$517	24
Renk	RS268NX	RRX	2.6	R	58.1	13.5	1	167.3	\$516	25
NK Brand	S27-M8X GC	RRX	2.7	R	58.0	13.3	1	167.3	\$515	26
Latham	L2482R2	RR2Y	2.4	R	58.0	13.4	1	161.3	\$515	27
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	58.0	13.5	1	161.3	\$515	28
FS HiSoy	HS 24X70	RRX	2.4	R	58.0	13.6	1	167.3	\$515	29
NK Brand	S26-P3 GC	RR2Y	2.6	MR	57.9	13.6	3	167.3	\$514	30
FS HiSoy	HS 23X70	RRX	2.3	R	57.7	13.2	1	167.3	\$513	31
Pioneer	P28T08R CK	RR	2.8	R	63.0	13.6	1	167.3	\$559	2

Averages = **58.4** **13.4** **1** **166.3** **\$518**

LSD (0.10) = 3.2 0.2 ns

LSD (0.25) = 1.6 0.1 0.4

C.V. = 5.1 Prev. years avg. yield, 42.5 bu/a, 2 yrs

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

TEST COMMENTS: *This site was planted in early June, just before the hot and dry stress set in. At harvest, plant height varied from 30 to 45 inches tall. Some taller products experienced some lodging. Some pod sets were far apart with small pods. No weed control issues here. One full-season rep lost due to rainfall during harvest of that rep and potential yield impact. Plot yields reflect the average yields in the area.*

† 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: 11/02/2017 Revised:

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 Iowa South Central [IASC] CENTRAL CITY
 Jim Greif, Linn County, IA 52310



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

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 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Vidue Pro, First Rate
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: Jun 1 170,000 /A 15" Spacing
 HARVESTED - STAND: Nov 1 166,900 /A

Full-Season Test
Maturity Group 2.8 - 3.1
 S2017IASC41b

Top 30 of 45
 For Gross Income (Sorted by Yield)
 Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K2X-3141	RRX	3.1	MR	66.0	14.2	1	167.3	\$585	1
Renk	RS288NX	RRX	2.8	R	64.9	13.9	1	167.3	\$576	2
Pioneer	P31A22X §	RRX	3.1	R	64.5	13.8	1	167.3	\$572	3
Champion	28X78N	RRX	2.8	R	63.5	13.2	3	170.3	\$564	5
LG Seeds	C2888RX	RRX	2.8	R	62.9	13.4	1	167.3	\$559	6
Pioneer	P31T77R §	RR	3.1	R	62.9	13.5	1	167.3	\$559	7
Titan Pro	TP-30X77	RRX	3.0	MR	62.9	13.7	3	167.3	\$558	8
Champion	31X77N	RRX	3.1	R	62.4	13.8	1	167.3	\$554	9
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	62.1	13.5	1	167.3	\$551	10
Legend	LS 30X840N	RRX	3.0	R	62.0	13.3	1	167.3	\$551	11
FS HiSoy	HS 31X60	RRX	3.1	R	61.9	13.6	1	167.3	\$550	12
FS HiSoy	HS 28X70	RRX	2.8	R	61.7	13.4	1	167.3	\$548	13
Cornelius	CB28R58	RR2Y	2.8	R	61.6	13.6	1	167.3	\$547	14
Kruger	K2X-2863	RRX	2.8	R	61.4	13.3	1	167.3	\$545	15
NK Brand	S29-K3X GC	RRX	2.9	R	60.2	13.2	1	167.3	\$535	16
Pfister	29R25	RR2Y	2.9	R	59.9	13.5	1	167.3	\$532	17
Champion	28R85N	RR2Y	2.8	R	59.9	14.0	1	167.3	\$531	18
Prairie Brand	PB-2997R2	RR2Y	2.8	R	59.7	13.8	3	167.3	\$530	19
Golden Harvest	GH2981X	RRX	2.9	R	59.3	13.7	1	167.3	\$526	20
Cornelius	CB28X73	RRX	2.8	R	59.1	13.7	1	167.3	\$525	21
Titan Pro	TP-31X26	RRX	3.1	R	58.7	13.9	1	167.3	\$521	22
Four Star Seed	3X300	RRX	3.0	R	58.6	13.5	3	170.3	\$520	23
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	58.6	14.4	3	167.3	\$519	24
Renk	RS316NR2	RR2Y	3.1	R	57.9	13.7	1	167.3	\$514	25
Latham	L2887R2X	RRX	2.8	R	57.6	13.3	1	164.3	\$512	26
Cornelius	CB31X13	RRX	3.1	R	57.4	13.7	1	167.3	\$509	27
Jacobsen Seed	J878NR2X	RRX	2.8	R	56.0	13.0	1	167.3	\$498	28
Latham	L3184R2	RR2Y	3.1	R	55.8	13.5	1	164.3	\$496	29
Prairie Brand	PB-2876R2	RR2Y	2.8	R	55.6	13.5	3	167.3	\$494	30
LG Seeds	C3026RX	RRX	3.0	R	55.5	13.3	1	164.3	\$493	31
Pioneer	P28T08R CK	RR	2.8	R	64.3	13.6	1	170.3	\$571	4

Averages = **57.5** **13.6** **2** **166.9** **\$511**

LSD (0.10) = 4.9 ns 2.4

LSD (0.25) = 2.6 ns 1.2

C.V. = 6.5 Prev. years avg. yield, 42.5 bu/a, 2 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: 11/02/2017 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						

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.