

2018 Soybean Top 30 Performance Summary for Iowa South Central [IASC]



Early-Season Test

Maturity Group 2.3 - 2.7

Top 30 of 45

S2018IASCa

For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Central City		Victor	
										\$/Acre	Rank	Slater	Yale		
Golden Harvest	GH2788X	RRX	2.7	R	76.2	32.8	20.0	12.1	8	\$577	1	75.8	46.5	85.5	67.4
NK Brand	S27-M8X §	RRX	2.7	R	74.2	32.7	19.8	12.2	2	\$562	2	74.6	45.3	82.6	65.4
FS HiSoy	HS 24X80	RRX	2.4	R	73.2	32.7	19.3	12.3	3	\$554	3	77.3	40.4	77.4	64.9
Titan Pro	TP 24X87	RRX	2.4	MR	72.4	33.5	20.1	12.9	21	\$548	4	76.8	52.4	77.1	63.2
Legend	LS 24X842N	RRX	2.4	MR	71.6	33.0	20.4	12.5	27	\$542	5	77.3	45.8	71.8	65.6
Latham	L2464R2X	RRX	2.4	R	71.5	31.5	21.1	12.4	35	\$541	6	64.1		84.1	66.3
Cornelius	CB24X64	RRX	2.4	R	71.3	33.1	20.3	12.6	25	\$540	7	77.1		71.2	65.5
Champion	26X09N	RRX	2.6	MR	71.0	32.4	20.5	12.3	21	\$537	8	77.3		76.5	59.3
Kruger	K2X-2573	RRX	2.5	R	70.5	33.5	19.2	12.5	41	\$534	9	73.0		80.6	57.8
Latham	L2549R2X	RRX	2.5	R	70.4	33.2	19.4	12.1	12	\$533	10	76.7		67.3	67.2
Pfister	24R201	RR2Y	2.4	R	70.2	33.4	20.0	12.5	26	\$531	11	70.9		77.5	62.2
Cornelius	CB27X81	RRX	2.7	R	70.1	33.3	18.8	12.6	7	\$531	12	70.9		73.0	66.5
Kruger	K2X-2652	RRX	2.6	R	70.0	33.7	19.5	12.4	25	\$530	13	73.0		73.9	63.2
LG Seeds	LGS2444RX	RRX	2.4	R	69.9	33.2	19.5	12.3	3	\$529	14	73.6		71.0	65.2
LG Seeds	LGS2759RX	RRX	2.7	R	69.9	32.1	19.7	12.3	5	\$529	15	75.7		72.6	61.3
Champion	24X98N	RRX	2.4	R	69.9	32.5	20.3	12.6	24	\$529	16	64.4		81.0	64.2
Latham	E2647R2X	RRX	2.6	S	69.9	31.5	20.8	12.2	31	\$529	17	78.4		70.7	60.6
Legend	LS 27R524N	RR2Y	2.7	MR	69.2	33.7	19.6	12.6	39	\$524	18	70.5		78.6	58.5
Renk	RS248NX	RRX	2.4	R	68.4	32.9	20.5	12.8	29	\$518	19	76.1		64.4	64.7
Asgrow	AG26X8 §	RRX	2.6	R	68.3	32.6	19.9	13.5	24	\$516	20	63.7		84.8	56.3
Golden Harvest	GH2230X §	RRX	2.2	R	67.9	32.6	21.0	11.7	11	\$514	21	76.2		70.8	56.7
Stine	28BA02 §	G27	2.8	R	67.3	32.1	20.3	12.3	28	\$509	23	67.6		70.2	64.1
Hefty	H24X8	RRX	2.4	MR	67.0	32.4	20.6	12.8	23	\$507	24	72.0		70.8	58.2
Hefty	H25X9	RRX	2.5	MR	67.0	32.9	19.9	12.3	27	\$507	25	70.3		75.8	54.8
FS HiSoy	HS 25X70	RRX	2.5	R	66.7	32.6	20.5	12.4	8	\$505	26	68.1		67.8	64.1
Cornelius	CB26X67	RRX	2.6	S	66.2	32.0	20.5	12.0	27	\$501	27	74.9	52.4	70.8	52.9
Cornelius	CB24R82	RR2Y	2.4	R	66.2	33.0	20.3	12.5	31	\$501	28	69.8	48.0	71.5	57.2
Renk	RS269X	RRX	2.6	S	66.1	30.9	21.0	12.2	30	\$500	29	73.6	54.4	62.3	62.4
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	65.5	33.6	20.0	12.4	31	\$496	30	78.2	51.8	61.0	57.2
Hefty	H23X9	RRX	2.3	MR	65.3	32.2	21.0	12.4	25	\$494	31	66.9	35.8	70.0	59.0
Pioneer	P25A27X CK	RRX	2.5	R	67.7	32.5	20.1	12.0	8	\$512	22	67.6	48.1	71.2	64.3

Data Rejected - Not in Summary

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Averages =	67.0	32.8	20.1	12.4	21	\$507	70.7	43.1	70.0	60.2
LSD (0.10) =	5.3	0.7	0.4	0.4	12		4.2	10.7	5.5	3.7
LSD (0.25) =	2.8	0.4	0.2	0.2	6		2.2	5.6	2.9	1.9

Previous years average yield for region, 58.6 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$7.57 GMO; \$7.57 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 10/31/2018 Revised: 11/20/2018 Protein and oil results added

2018 Soybean Top 30 Performance Summary for Iowa South Central [IASC]



Full-Season Test

Maturity Group 2.8 - 3.2

S2018IASCb

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For Gross Income (Sorted by Yield), (8) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Central City#		Victor	
										\$/Acre	Rank	Slater	Yale		
FS HiSoy	HS 30X80	RRX	3.0	R	72.6	33.0	19.7	12.0	14	\$550	1	76.6	34.0	75.7	65.6
LG Seeds	C2888RX	RRX	2.8	R	71.9	33.5	18.7	12.0	15	\$544	2	80.9	48.7	71.4	63.5
Pioneer	P29A25X §	RRX	2.9	R	70.6	33.3	19.6	12.6	14	\$534	3	72.1	56.7	73.3	66.5
Pioneer	P33A53X §	RRX	3.3	R	70.5	33.7	18.8	12.2	14	\$534	4	70.7	59.9	74.0	66.9
Golden Harvest	GH2981X	RRX	2.9	R	70.2	32.8	19.5	12.4	7	\$531	5	76.4	61.5	74.0	60.2
Cornelius	CB29X90	RRX	2.9	R	70.0	33.9	18.9	12.1	9	\$530	6	78.4		63.4	68.2
Golden Harvest	GH3088X	RRX	3.0	MR	70.0	32.1	20.5	11.9	27	\$530	7	72.4		68.4	69.1
Kruger	K2X-2971	RRX	2.9	R	69.6	33.6	19.1	11.8	27	\$527	8	76.4		67.5	64.8
Titan Pro	TP 28X47	RRX	2.8	MR	69.4	33.5	18.8	11.8	10	\$525	9	78.5		67.9	61.8
NK Brand	S31-Y2X	RRX	3.1	R	69.2	33.4	19.2	11.9	10	\$524	10	71.6		68.4	67.6
Latham	L2887R2X	RRX	2.8	R	69.1	32.6	19.3	12.2	5	\$523	11	76.1		72.1	59.2
Kruger	K2X-2863	RRX	2.8	R	68.7	35.0	18.7	12.0	4	\$520	12	73.0		65.9	67.3
Titan Pro	TP 32X58	RRX	3.2	MR	68.7	34.3	18.5	12.3	5	\$520	13	71.0		74.9	60.2
Cornelius	CB31X25	RRX	3.1	R	68.3	33.8	18.8	12.2	12	\$517	14	72.8		69.7	62.3
Renk	RS309NSX	RRX,ST	3.0	R	68.1	34.5	18.5	12.1	11	\$516	15	78.7		59.5	66.2
Hefty	H28X8	RRX	2.8	MR	68.0	33.9	18.8	11.9	19	\$515	16	76.9		69.8	57.2
Pioneer	P31A22X §	RRX	3.1	R	67.8	33.4	19.8	12.1	37	\$513	17	74.1		64.6	64.8
Champion	28X78N	RRX	2.8	R	67.5	32.8	19.2	11.9	7	\$511	18	78.6		62.6	61.3
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	67.2	33.9	19.8	12.1	36	\$509	20	72.6		64.7	64.3
FS HiSoy	HS 32X80	RRX	3.2	R	67.1	34.3	18.4	12.1	11	\$508	21	76.9		66.1	58.2
FS HiSoy	HS 29X80	RRX,ST	2.9	R	67.1	33.7	19.1	12.1	13	\$508	22	71.3		65.0	65.0
LG Seeds	C3026RX	RRX	3.0	R	67.1	35.3	18.1	12.3	35	\$508	23	73.6		69.7	58.1
FS HiSoy	HS 28X70	RRX	2.8	R	66.7	33.6	18.7	11.8	10	\$505	24	74.1		66.4	59.5
LG Seeds	LGS3297RX	RRX	3.2	R	66.7	34.6	18.2	12.1	11	\$505	25	68.5		67.5	64.2
Legend	LS 29X952N	RRX	2.9	MR	66.6	34.1	18.5	12.0	19	\$504	26	70.2		65.3	64.4
NK Brand	S30-M9X	RRX	3.0	MR	66.3	32.6	20.4	12.0	37	\$502	27	73.1		69.6	56.1
Cornelius	CB28R58	RR2Y	2.8	R	65.6	34.0	19.5	12.3	38	\$497	28	68.3		62.1	66.5
LG Seeds	LGS3140RX	RRX	3.1	R	65.0	34.0	18.7	12.1	7	\$492	29	71.9		64.0	59.1
Champion	30XS39N	RRX,ST	3.0	R	64.7	33.5	18.7	12.2	7	\$490	30	68.1		62.7	63.2
Hefty	H29X8	RRX	2.9	MR	64.5	34.1	18.4	11.9	19	\$488	31	69.6		62.5	61.3
Pioneer	P25A27X CK	RRX	2.5	R	67.3	32.9	20.0	11.7	25	\$509	19	70.9	44.1	68.9	62.0

Data Rejected - Not in Summary

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Averages = **66.1** **33.7** **19.0** **12.1** **20** **\$501** **72.6** **48.1** **64.9** **60.9**
 LSD (0.10) = 4.4 0.6 0.4 0.3 13 4.6 12.0 3.7 3.6
 LSD (0.25) = 2.3 0.3 0.2 0.1 7 2.4 6.3 1.9 1.9

Previous years average yield for region, 58.6 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$7.57 GMO; \$7.57 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 10/31/2018 Revised: 11/20/2018 Protein and oil results added

2018 Soybean - Iowa South Central [IASC]



Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG24X7 §	RRX	2.4	R	AC,PV
Asgrow	AG26X8 §	RRX	2.6	R	AC,PV
Champion	23X78N	RRX	2.3	R	EL
Champion	24X98N	RRX	2.4	R	EL
Champion	26X09N	RRX	2.6	MR	EL
Cornelius	CB24R82	RR2Y	2.4	R	PG+
Cornelius	CB24X64	RRX	2.4	R	PG+
Cornelius	CB26X67	RRX	2.6	S	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
FS HiSoy	HS 23X70	RRX	2.3	R	ACi,IL
FS HiSoy	HS 24X80	RRX	2.4	R	ACi,IL
FS HiSoy	HS 25X70	RRX	2.5	R	ACi,IL
FS HiSoy	HS 27X80	RRX	2.7	R	ACi,IL
Golden Harvest	GH2230X §	RRX	2.2	R	CCB,Me
Golden Harvest	GH2537X	RRX	2.5	R	CCB,Me
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me
Hefty	H23X9	RRX	2.3	MR	DST
Hefty	H24X8	RRX	2.4	MR	DST
Hefty	H25X9	RRX	2.5	MR	DST
Kruger	K2X-2442	RRX	2.4	R	AC,PV,IL
Kruger	K2X-2573	RRX	2.5	R	AC,PV,IL
Kruger	K2X-2652	RRX	2.6	R	AC,PV,IL
Latham	E2647R2X	RRX	2.6	S	SS+
Latham	L2464R2X	RRX	2.4	R	SS+
Latham	L2482R2	RR2Y	2.4	R	SS+
Latham	L2549R2X	RRX	2.5	R	SS+
Legend	LS 24R563N	RR2Y	2.4	MR	YPP
Legend	LS 24X842N	RRX	2.4	MR	YPP
Legend	LS 25X924N	RRX	2.5	MR	YPP
Legend	LS 27R524N	RR2Y	2.7	MR	YPP
LG Seeds	LGS2444RX	RRX	2.4	R	ASfi,IL
LG Seeds	LGS2680RX	RRX	2.6	S	ASfi,IL
LG Seeds	LGS2759RX	RRX	2.7	R	ASfi,IL
NK Brand	S25-B6X §	RRX	2.5	R	CCB,Me
NK Brand	S27-M8X §	RRX	2.7	R	CCB,Me
Pfister	24R201	RR2Y	2.4	R	CCB
Pioneer	P25A27X CK	RRX	2.5	R	EE,G,IL,Lu
Renk	RS239NX	RRX	2.3	R	None
Renk	RS248NX	RRX	2.4	R	EcTC
Renk	RS269X	RRX	2.6	S	EcTC

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Stine	24RH62 §	RR2Y	2.4	R	SF
Stine	28BA02 §	G27	2.8	R	None
Titan Pro	TP 24X87	RRX	2.4	MR	IL,PV

2018 Soybean - Iowa South Central [IASC]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG32X8 §	RRX	3.2	R	AC,PV
Champion	28X78N	RRX	2.8	R	EL,IL
Champion	30XS39N	RRX,ST	3.0	R	EL
Champion	32X89N	RRX	3.2	R	EL
Cornelius	CB28R58	RR2Y	2.8	R	PG+
Cornelius	CB29X90	RRX	2.9	R	PG+
Cornelius	CB31X25	RRX	3.1	R	PG+
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	CMB
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB
FS HiSoy	HS 28X70	RRX	2.8	R	ACi,IL
FS HiSoy	HS 29X80	RRX,ST	2.9	R	ACi,IL
FS HiSoy	HS 30X80	RRX	3.0	R	ACi,IL
FS HiSoy	HS 32X80	RRX	3.2	R	ACi,IL
Golden Harvest	GH2981X	RRX	2.9	R	CCB,Me
Golden Harvest	GH3088X	RRX	3.0	MR	CCB,Me
Hefty	H28X8	RRX	2.8	MR	DST
Hefty	H29X8	RRX	2.9	MR	DST
Hefty	H31X9	RRX	3.1	MR	DST
Kruger	K2X-2863	RRX	2.8	R	AC,PV,IL
Kruger	K2X-2971	RRX	2.9	R	AC,PV,IL
Kruger	K2X-3271	RRX	3.2	R	AC,PV,IL
Latham	E2895R2X	RRX	2.8	R	SS+
Latham	L2887R2X	RRX	2.8	R	SS+
Latham	L2982GT27	G27	2.9	R	SS+
Latham	L3197R2X	RRX	3.1	R	SS+
Legend	LS 28X840N	RRX	2.8	MR	YPP
Legend	LS 29X952N	RRX	2.9	MR	YPP
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL
LG Seeds	C3026RX	RRX	3.0	R	ASfi,IL
LG Seeds	LGS3140RX	RRX	3.1	R	ASfi,IL
LG Seeds	LGS3297RX	RRX	3.2	R	ASfi,IL
NK Brand	S30-M9X	RRX	3.0	MR	CCB,Me
NK Brand	S31-Y2X	RRX	3.1	R	CCB,Me
Pfister	32R201 §	RR2Y	3.2	R	CCB
Pioneer	P25A27X CK	RRX	2.5	R	EE,G,IL,Lu
Pioneer	P28T71X §	RRX	2.8	R	EE,G
Pioneer	P29A25X §	RRX	2.9	R	EE,G,IL,Lu
Pioneer	P31A22X §	RRX	3.1	R	EE,G
Pioneer	P33A53X §	RRX	3.3	R	EE,G
Renk	RS288NX	RRX	2.8	R	EcTC
Renk	RS309NSX	RRX,ST	3.0	R	EcTC

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Renk	RS328NX	RRX	3.2	R	EcTC
Titan Pro	TP 28X47	RRX	2.8	MR	IL,PV
Titan Pro	TP 32X58	RRX	3.2	MR	IL,PV

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
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 not provided	EE	Evergol™ Energy	PG+	Profit Guard +™
A2020	Alert 2020™	EL	Elevate™ F+I	PS	MAS Pro-Shield
AC	Acceleron® fungicide products	EL+	Elevate™ Plus	PV	Poncho®/Votivo®
ACi	Acceleron® fungicide and insecticide products	En	Encase®	R	Redigo™
AM	ApronMaxx®	EQV	Equity® VIP	Ret	Revize® SB+T
ASfi	AgriShield® F+I	Es	Escalate™	Ri	Rizolex™
AVB	Avicta® Complete Beans	F	fungicide	SF	Stine XP F
AVBV	Avicta® Complete Beans with Vibrance	G	Gaucho®	SFI	Stine XP fungicide & insecticide
BB	Buckeye Boost ST	Gr+	Great Start™ Max Plus	SS	Soyshield™
CCB	Clariva™ Complete Beans	I	insecticide	SS+	Soyshield Plus™
Cl	Clariva™ pn	IL	ILeVO®	TE	Trius Elite™
CMB	CruiserMaxx® Beans	In	Intego™ Solo	TT	Turbo Treat™
CMBV	CruiserMaxx® Beans with Vibrance	IS	Intego™ Suite	W	Warden® CX
DPHB	DPH Boost®	Lu	Lumisena™	Wr	Warden® RTA
DST	Dominance™ ST	Me	Mertect®	YPP	YP Pro™
DX	Defend™ Extra	None	untreated		
EcTC	Eclipse™ US Total coverage	Pd	proTect D™		

* Seed treatments may include unspecified plant health promoting components.