

2019 Soybeans Top 30 Performance Summary for Iowa South Central [IASC]

Early-Season Test

2.3 - 2.7 Day CRM

S2019IASCa

Top 30 of 36

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

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Income Rank	Central City	Nevada REJECTED	Victor	Yale
FS HISOY	HS 27X90	RRX	2.7	R	64.6	30.9	20.6	12.0	1	544	1	49.5	24.6	80.2	64.1
LATHAM	L 2578 LLGT27	LG27	2.5	R	64.4	32.3	19.8	11.8	1	542	2	62.6	29.6	67.3	63.3
HOEGEMEYER	2540 E	E3	2.5	R	64.4	31.4	20.2	11.7	1	542	3	63.0	16.4	71.4	58.8
KRUGER	K2X-2573	RRX	2.5	R	63.1	32.4	19.5	11.5	1	531	4	58.7	29.0	68.9	61.8
FS HISOY	HS 26X90	RRX	2.6	R	62.9	30.3	20.9	11.7	1	530	5	59.1	32.5	75.5	54.0
CREDENZ	CZ 2579GTLL	LG27	2.5	MR	62.3	32.0	19.7	12.3	1	525	6	53.7	33.7	69.8	63.4
LATHAM	L 2682R2X	RRX	2.6	R	62.3	32.2	20.3	11.9	1	524	7	56.4		71.9	58.4
HOEGEMEYER	2781 NX	RRX	2.7	R	61.6	31.8	20.5	11.9	1	518	8	51.1		73.6	60.0
STINE	25GA62 §	LG27	2.5	R	61.6	31.6	20.0	11.7	1	518	9	54.5		71.9	58.3
FS HISOY	HS 25X70	RRX	2.5	R	61.2	31.4	20.4	11.5	1	515	10	52.9		70.0	60.7
ARMOR	X28E89	E3	2.7	MR	60.9	30.9	20.9	11.8	1	513	11	56.2		69.6	57.0
LATHAM	L 2384 R2X	RRX	2.3	R	60.6	30.3	20.7	11.8	1	510	12	52.7		70.9	58.2
ASGROW	AG26X0 GC	RRX	2.6	R	60.5	32.6	19.5	11.6	1	510	13	49.6		74.6	57.5
CHAMPION	27X90N	RRX	2.7	R	59.9	30.7	20.7	11.7	1	505	14	46.9		72.6	60.4
GENESIS	G2840E	E3	2.7	R	59.9	31.2	21.0	11.6	1	505	15	53.4		65.4	61.0
CORNELIUS	P3 1924E	E3	2.4	R	59.6	31.7	20.3	12.0	1	502	16	52.7		66.0	60.2
RENK	RS248NX	RRX	2.4	R	59.2	31.8	20.6	12.2	1	498	17	53.4		66.4	57.7
GOLDEN HARVEST	GH2788X §	RRX	2.7	R	58.6	32.3	20.0	11.9	1	493	18	48.8		68.4	58.5
ARMOR	28-D68	RRX	2.7	MR	58.4	32.4	19.4	11.8	1	492	19	53.5		66.3	55.5
CORNELIUS	CB26E60	E3	2.6	R	58.2	31.6	20.6	12.3	1	490	20	50.1		68.6	55.8
CHAMPION	24X98N	RRX	2.4	R	57.8	31.3	20.7	12.2	1	487	21	46.1		65.4	62.0
KRUGER	K2X-2673	RRX	2.6	R	57.6	32.1	19.7	11.4	1	485	22	48.2		66.9	57.6
STINE	27EA23 §	E3	2.7	R	57.4	31.4	20.1	11.7	1	483	23	45.3		68.4	58.5
NK BRAND	S25-V8X	RRX	2.5	MR	57.2	31.9	19.9	11.8	1	482	24	49.9		65.5	56.3
TITAN PRO	23E9	E3	2.3	R	56.9	30.2	20.1	12.2	1	480	25	48.1		61.5	61.3
KRUGER	K2X-2652	RRX	2.6	R	56.9	32.2	20.3	11.7	1	480	26	51.5		63.8	55.6
NK BRAND	S27-M8X §	RRX	2.7	R	56.6	31.9	20.1	11.7	1	477	27	52.0	32.2	63.3	54.6
GOLDEN HARVEST	GH2230X	RRX	2.2	R	56.6	32.0	20.4	11.4	1	476	28	53.8	27.9	65.5	50.4
CHAMPION	2460GTLL	LG27	2.4	R	55.8	31.2	20.4	12.0	1	470	29	51.3	23.0	63.4	52.7
RENK	RS250NX	RRX	2.5	R	55.6	30.7	19.5	11.7	1	468	30	48.6	23.9	60.8	57.5
MIDWEST	MW X2642 CK	RRX	2.6	R	52.1	31.9	19.5	11.6	1	439	35	42.3	36.7	64.1	50.0

Data Rejected - Not in Summary

	Averages =	58.4	31.6	20.2	11.8	1	492	51.2	26.3	67.0	56.9
	LSD (0.10) =	2.8	0.9	0.4	0.3	ns		3.9	9.3	3.8	2.9
	LSD (0.25) =	1.5	0.5	0.2	0.2	ns		2.0	4.8	2.0	1.5

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$8.42
 † See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. *There were 2 reps for the site.

2019 Soybeans Top 30 Performance Summary for Iowa South Central [IASC]

Full-Season Test

2.8 - 3.2 Day CRM

S2019IASCb

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

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Income Rank	Central City	Nevada REJECTED	Victor	Yale
GENESIS	G3140ES	E3	3.1	R	68.3	32.8	20.2	12.4	1	574	1	61.1	49.3	80.2	63.4
HOEGEMEYER	3120 E GC	E3	3.1	R	66.0	33.3	20.0	12.3	1	556	2	62.4	44.7	73.3	62.4
TITAN PRO	28E8	E3	2.8	R	64.7	31.1	20.9	11.7	1	544	3	52.4	52.7	75.2	66.3
CORNELIUS	P3 2029E	E3	2.9	R	64.3	30.8	20.9	12.2	1	541	4	48.3	47.7	71.5	73.0
HOEGEMEYER	2820 E	E3	2.8	R	64.1	31.2	19.9	11.7	1	540	5	52.7	47.4	74.3	65.3
HOEGEMEYER	3030 E	E3	3.0	R	63.9	31.8	20.6	11.9	1	538	6	51.3	47.4	77.9	62.6
TITAN PRO	30E9	E3	3.0	R	63.4	30.8	20.6	12.2	1	534	7	52.2		76.3	61.6
CORNELIUS	P3 2028B	LG27	2.8	R	63.0	31.6	20.2	11.8	1	531	8	49.7		73.9	65.5
CHAMPION	2820GTLL	LG27	2.8	R	62.1	32.0	20.3	12.1	1	523	9	51.0		77.1	58.3
NK BRAND	S30-M9X	RRX	3.0	MR	61.9	31.5	20.2	11.6	3	521	10	51.5		74.7	59.4
LATHAM	L 3179 LLGT27	LG27	3.1	R	61.8	32.1	19.3	12.3	1	520	11	47.0		76.7	61.8
GOLDEN HARVEST	GH3088X §	RRX	3.0	MR	61.7	31.4	20.4	11.9	1	520	12	50.7		75.7	58.8
CHAMPION	32X40N	RRX	3.2	R	61.7	32.6	20.1	12.0	1	520	13	46.0		74.7	64.5
ARMOR	X30E39	E3	3.0	MR	61.7	31.5	20.6	12.0	1	520	14	49.4		74.7	61.0
ASGROW	AG28X9 §	RRX	2.8	R	61.1	32.2	18.7	11.8	1	515	15	47.6		71.1	64.6
CHAMPION	3220EN	E3	3.2	R	60.4	31.7	19.8	12.2	1	508	16	42.9		75.9	62.3
CREDENZ	CZ 3100GTLL	LG27	3.1	MR	60.3	31.5	19.6	12.3	1	508	17	42.9	42.2	71.7	66.3
CORNELIUS	P3 2031E	E3	3.1	R	60.2	31.9	19.0	12.3	1	507	18	45.1		73.4	62.2
CHAMPION	28X78N	RRX	2.8	R	60.1	32.1	19.6	11.9	1	506	19	43.8		71.8	64.7
RENK	RS280NX	RRX	2.8	R	59.9	31.4	20.1	11.8	1	504	20	46.0		76.6	57.1
FS HISOY	HS 32X90	RRX	3.2	R	59.1	32.0	18.9	12.5	1	498	21	40.9		75.1	61.4
RENK	RS309NSX	RRX	3.0	R	59.1	32.5	19.2	11.9	1	498	22	48.0		67.9	61.4
ARMOR	X31D09	RRX	3.1	MR	59.1	32.7	19.1	12.1	1	497	23	44.4		73.2	59.5
CORNELIUS	CB29X90	RRX	2.9	R	58.6	32.2	19.5	11.9	1	494	24	41.6		71.1	63.2
ARMOR	X32E59	E3	3.2	MR	58.4	32.5	20.0	12.6	1	491	25	45.4		77.4	52.3
FS HISOY	HS 29X80	RRX,ST	2.9	R	58.1	31.9	19.7	12.3	1	489	26	38.7		71.9	63.7
CREDENZ	CZ 2889GTLL	LG27	2.8	MR	58.1	31.4	19.5	12.0	1	489	27	40.6	40.2	72.2	61.4
LATHAM	L 2949 E3	E3	2.9	R	57.9	30.8	20.7	12.0	1	487	28	48.0	48.3	69.5	56.2
GOLDEN HARVEST	GH3195X	RRX	3.1	R	57.5	31.9	20.1	11.6	1	484	29	40.2	47.1	71.8	60.6
ARMOR	X32D29	RRX,ST	3.2	MR	57.3	32.2	18.7	12.2	1	482	30	41.0	43.9	74.1	56.8
MIDWEST	MW X2642 CK	RRX	2.6	R	54.5	32.4	19.1	11.8	1	459	37	43.5	46.6	63.5	56.6

Data Rejected - Not in Summary



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Averages =	58.9	31.9	19.8	12.1	1	496		44.5	43.9	71.9	60.2
LSD (0.10) =	3.0	0.8	0.5	0.3	ns			3.6	8.9	4.1	3.1
LSD (0.25) =	1.6	0.4	0.2	0.2	ns			1.9	4.7	2.2	1.7

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$8.42

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. *There were 2 reps for the site.

2019 Soybeans - Iowa South Central [IASC]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ARMOR	28-D68	RRX	MR	2.7
ARMOR	X28E89	E3	MR	2.7
ASGROW	AG26X0 GC	RRX	R	2.6
CHAMPION	2460GTLL	LG27	R	2.4
CHAMPION	24X98N	RRX	R	2.4
CHAMPION	2590EN	E3	R	2.5
CHAMPION	27X90N	RRX	R	2.7
CORNELIUS	CB26E60	E3	R	2.6
CORNELIUS	P3 1924E	E3	R	2.4
CREDENZ	CZ 2360GTLL	LG27	MR	2.3
CREDENZ	CZ 2579GTLL	LG27	MR	2.5
FS HISOY	HS 24X80	RRX	R	2.4
FS HISOY	HS 25X70	RRX	R	2.5
FS HISOY	HS 26X90	RRX	R	2.6
FS HISOY	HS 27X90	RRX	R	2.7
GENESIS	G2840E	E3	R	2.7
GOLDEN HARVEST	GH2230X	RRX	R	2.2
GOLDEN HARVEST	GH2788X §	RRX	R	2.7
HOEGEMEYER	2540 E	E3	R	2.5
HOEGEMEYER	2781 NX	RRX	R	2.7
KRUGER	K2X-2573	RRX	R	2.5
KRUGER	K2X-2652	RRX	R	2.6
KRUGER	K2X-2673	RRX	R	2.6
LATHAM	L 2384 R2X	RRX	R	2.3
LATHAM	L 2429 E3	E3	R	2.4
LATHAM	L 2578 LLGT27	LG27	R	2.5
LATHAM	L 2682R2X	RRX	R	2.6
MIDWEST	MW X2642 CK	RRX	R	2.6
NK BRAND	S25-V8X	RRX	MR	2.5
NK BRAND	S27-M8X §	RRX	R	2.7
PIONEER	P25A27X §	RRX	R	2.5
RENK	RS248NX	RRX	R	2.4
RENK	RS250NX	RRX	R	2.5
STINE	25GA62 §	LG27	R	2.5
STINE	27EA23 §	E3	R	2.7
TITAN PRO	23E9	E3	R	2.3

2019 Soybeans - Iowa South Central [IASC]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ARMOR	X30E39	E3	MR	3.0
ARMOR	X31D09	RRX	MR	3.1
ARMOR	X32D29	RRX,ST	MR	3.2
ARMOR	X32E59	E3	MR	3.2
ASGROW	AG28X9 §	RRX	R	2.8
ASGROW	AG29X9 §	RRX	R	2.9
ASGROW	AG31X0 §	RRX	R	3.1
CHAMPION	2820GTLL	LG27	R	2.8
CHAMPION	28X78N	RRX	R	2.8
CHAMPION	3220EN	E3	R	3.2
CHAMPION	32X40N	RRX	R	3.2
CORNELIUS	CB29X90	RRX	R	2.9
CORNELIUS	P3 2028B	LG27	R	2.8
CORNELIUS	P3 2029E	E3	R	2.9
CORNELIUS	P3 2031E	E3	R	3.1
CREDENZ	CZ 2889GTLL	LG27	MR	2.8
CREDENZ	CZ 3099GTLL	LG27	R	3.0
CREDENZ	CZ 3100GTLL	LG27	MR	3.1
FS HISOY	HS 28X70	RRX	R	2.8
FS HISOY	HS 29X80	RRX,ST	R	2.9
FS HISOY	HS 31X60	RRX	R	3.1
FS HISOY	HS 32X90	RRX	R	3.2
GENESIS	G3140ES	E3	R	3.1
GOLDEN HARVEST	GH3088X §	RRX	MR	3.0
GOLDEN HARVEST	GH3195X	RRX	R	3.1
HOEGEMEYER	2820 E	E3	R	2.8
HOEGEMEYER	3030 E	E3	R	3.0
HOEGEMEYER	3120 E GC	E3	R	3.1
KRUGER	K2X-2863	RRX	R	2.8
KRUGER	K2X-2971	RRX	R	2.9
KRUGER	K2X-3271	RRX	R	3.2
LATHAM	L 2839 LLGT27	LG27	R	2.8
LATHAM	L 2949 E3	E3	R	2.9
LATHAM	L 3179 LLGT27	LG27	R	3.1
LATHAM	L 3192 E3	E3	R	3.1
MIDWEST	MW X2642 CK	RRX	R	2.6

Company/Brand	Brand/Product	Technology	RM	SCN
NK BRAND	S30-M9X	RRX	MR	3.0
NK BRAND	S31-Y2X	RRX	R	3.1
PIONEER	P29A25X §	RRX	R	2.9
PIONEER	P31A22X §	RRX	R	3.1
RENK	RS280NX	RRX	R	2.8
RENK	RS309NSX	RRX	R	3.0
TITAN PRO	28E8	E3	R	2.8
TITAN PRO	30E9	E3	R	3.0
TITAN PRO	32E9	E3	R	3.2

Footnotes and Abbreviations Descriptions

Brand Footnotes

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 Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybeans Technologies*

E3	Enlist E3™
LG27 or G27	LibertyLink® 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