

2020 Soybeans Top 30 Performance Summary for Iowa South Central [IASC]

Early-Season Test


2.3 - 2.7 Day CRM

S2020IASCa

Top 30 of 42

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Bayard	Central City	Nevada	Victor
STINE	26EB23 §	E3	2.6	R	61.6			9.5	6	526	2	60.1	65.5	40.4	80.3
STINE	24EA12 §	E3	2.4	R	61.5			9.3	9	526	1	55.6	73.0	41.7	75.8
GOLDEN HARVEST	GH2552X	RRX	2.5	MR	61.5			8.9	11	525	3	55.3	66.6	51.5	72.5
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	61.5			9.0	10	525	4	55.4	68.6	46.6	75.2
FS HISOY	HS 25E00	E3	2.5	R	60.9			9.4	8	520	5	54.1	67.4	44.6	77.3
P3 GENETICS	2126E	E3	2.6	R	60.6			9.8	13	517	6	45.8	63.6	53.3	79.5
LATHAM	L 2638 E3	E3	2.6	R	60.4			9.9	10	516	7	54.4	67.5	50.0	69.8
LATHAM	L 2379 E3	E3	2.3	R	60.3			9.5	12	515	8	50.4	68.2	52.0	70.3
NK BRAND	S27-M8X §	RRX	2.7	R	60.1			9.8	4	513	9	54.8	65.1	38.7	81.7
NUTECH	24N02E	E3	2.4	R	59.9			10.0	6	512	10	47.3	71.6	46.4	74.4
TITAN PRO	25E0	E3	2.5	R	59.8			9.6	8	511	11	45.8	72.9	49.7	70.7
APEX	AE2510	E3	2.5	R	59.4			9.5	10	508	12	49.4	71.1	48.1	69.1
GOLDEN HARVEST	GH2788X §	RRX	2.7	R	59.4			9.8	3	507	13	51.9	60.9	46.1	78.8
GENESIS	G2550E	E3	2.5	R	59.0			9.7	9	505	14	49.8	71.5	43.6	71.0
CORNELIUS	CB27X81	RRX	2.7	R	58.8			9.3	9	503	15	46.8	69.4	47.0	72.0
LATHAM	L 2682 R2X	RRX	2.6	R	58.8			9.5	10	501	18	55.7	58.9	46.3	74.1
LATHAM	L 2578 LLGT27	LLGT27	2.5	R	58.7			9.6	12	501	16	58.9	62.6	43.3	70.0
APEX	AE2610	E3	2.6	R	58.6			9.4	10	501	17	39.2	67.1	48.2	80.0
NUTECH	26N04E	E3	2.6	R	58.3			9.3	10	498	19	45.5	65.8	45.1	76.6
ARMOR	A26-E89	E3	2.6	MR	58.0			9.5	10	495	20	45.9	66.2	49.6	70.1
GOLDEN HARVEST	GH2230X	RRX	2.2	R	57.8			9.7	16	493	21	58.5	62.5	45.5	64.6
ASGROW	AG26X0 §	RRX	2.6	R	57.5			9.9	6	492	22	52.4	65.9	43.4	68.5
APEX	AE2310	E3	2.3	R	57.4			9.9	13	490	23	46.8	64.4	43.7	74.7
CREDENZ	CZ 2550GTLL	LLGT27	2.5	MR	57.3			9.1	9	489	24	53.0	59.7	38.1	78.5
PIONEER	P25A04X GC	RRX	2.5	R	57.2			9.1	5	489	25	49.4	66.3	41.7	71.4
CHANNEL	2519R2X GC	RRX	2.5	S	57.2			9.8	12	489	26	48.7	66.4	42.3	71.2
ARMOR	A23-E89	E3	2.3	MR	57.0			10.2	12	487	27	49.5	59.0	46.5	73.2
FS HISOY	HS 27X90	RRX	2.7	R	56.9			9.5	7	486	28	46.4	62.0	47.9	71.2
NK BRAND	S23-G5X	RRX	2.3	MR	56.8			9.5	16	485	29	49.6	67.4	44.4	65.6
NUTECH	24N04E	E3	2.4	R	56.8			9.3	14	485	30	51.5	62.9	46.9	65.9
PIONEER	P28A42X CK	RRX	2.8	NA	56.6			10.1	7	483	31	46.4	62.2	40.4	77.6

	Averages = 57.8	na	na	9.5	9	494	50.1	64.5	44.6	72.3
	LSD (0.10) = 4.5	na	na	ns	ns		5.0	4.5	5.1	5.1
Randy Meinsma	LSD (0.25) = 2.4	na	na	ns	ns		2.6	2.4	2.7	2.7

randym@firstseedtests.com, (815) 238-8007 Prev. years average yield for region: 59.1 bu/a, 18 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$8.88

† 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.

2020 Soybeans Top 30 Performance Summary for Iowa South Central [IASC]

Full-Season Test


2.8 - 3.2 Day CRM

S2020IASCb

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For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Bayard	Central City	Nevada	Victor
FS HISOY	HS 30X00	RRX	3.0	R	64.6			10.0	8	551	1	56.1	66.7	56.0	79.7
NK BRAND	S31-E3S	E3,ST	3.1	MR	63.5			9.9	8	541	2	49.3	61.2	61.8	81.7
FS HISOY	HS 32E00	E3	3.2	R	63.2			11.2	8	537	3	60.0	61.1	61.4	70.1
GOLDEN HARVEST	GH3152E3S	E3,ST	3.1	MR	63.0			10.7	5	537	6	47.4	63.4	63.0	78.0
LATHAM	L 2894 E3	E3	2.8	R	62.9			9.6	11	537	4	46.0	71.1	54.6	79.8
CREDENZ	CZ 2830GTLL	LLGT27	2.8	R	62.9			8.8	8	537	5	48.3	67.4	59.6	76.3
RENK	RS301NX	RRX	3.1	R	61.7			9.7	8	525	7	57.7	58.5	54.1	76.5
KRUGER	K2X-2971	RRX	2.9	R	60.5			8.6	8	517	8	56.1	62.6	48.5	74.9
CHANNEL	2820R2X GC	RRX	2.8	NA	60.3			8.6	4	514	9	55.7	63.0	49.7	72.6
CREDENZ	CZ 3099GTLL	LLGT27	3.0	R	60.1			11.3	8	511	11	48.6	61.0	53.3	77.5
HOEGEMEYER	2970 E	E3	2.9	R	60.0			10.0	9	511	10	51.5	56.1	53.6	78.8
GOLDEN HARVEST	GH3042E3	E3	3.0	R	59.7			10.1	5	510	12	40.9	62.0	57.5	78.3
P3 GENETICS	2029E	E3	2.9	R	59.6			10.2	4	507	13	46.3	57.0	55.3	79.7
TITAN PRO	30E9	E3	3.0	R	59.4			9.8	5	507	14	40.1	63.6	56.2	77.6
CORNELIUS	CB29X33	RRX	2.9	R	59.4			9.2	8	506	15	50.8	57.5	52.6	76.7
NK BRAND	S28-E3	E3	2.8	MR	59.1			9.3	8	504	16	42.6	59.1	58.0	76.7
GENESIS	G2840E	E3	2.8	R	59.1			9.5	4	504	17	40.2	62.0	53.8	80.3
ARMOR	A28-E89	E3	2.8	MR	58.9			9.4	8	503	18	46.4	63.5	54.2	71.4
HOEGEMEYER	3030 E	E3	3.0	R	58.8			9.7	3	502	19	53.1	62.3	52.1	67.7
PIONEER	P33A53X GC	RRX	3.3	R	58.8			11.4	6	499	22	47.5	58.9	51.0	77.7
LATHAM	E 3148 LLGT27	LLGT27	3.1	R	58.7			9.7	4	501	20	50.6	65.1	49.4	69.7
GOLDEN HARVEST	GH2818E3	E3	2.8	MR	58.6			9.2	10	500	21	43.7	56.4	54.9	79.5
GENESIS	G3040E	E3	3.0	R	58.6			10.4	5	498	23	42.2	56.3	59.0	76.7
GOLDEN HARVEST	GH3088X §	RRX	3.0	R	57.7			10.1	10	492	24	52.5	55.1	53.8	69.5
ARMOR	A30-E39	E3	3.0	MR	57.7			10.5	4	492	25	38.0	62.4	52.9	77.4
TITAN PRO	28E8	E3	2.8	R	57.4			9.5	8	491	26	35.0	64.5	55.2	75.1
APEX	AE3001	E3	3.0	R	57.3			9.3	4	489	27	40.9	62.8	51.6	73.7
NUTECH	30N03E	E3	3.0	R	57.1			9.3	4	487	28	47.7	55.9	51.7	73.0
STINE	28EC32 §	E3	2.8	R	56.8			9.4	5	485	30	32.5	65.3	49.5	79.8
DONMARIO	DM 31X61	RRX	3.1	R	56.7			10.1	7	484	31	45.5	60.9	49.6	70.9
PIONEER	P28A42X CK	RRX	2.8	NA	57.0			9.5	5	487	29	41.3	62.2	47.5	77.1

	Averages = 58.4	na	na	9.8	7	498	46.1	59.7	52.7	75.1
	LSD (0.10) = 4.5	na	na	1.1	ns		5.8	5.2	4.6	4.0
	LSD (0.25) = 2.3	na	na	0.6	ns		3.0	2.7	2.4	2.1

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2020 Soybeans - Iowa South Central [IASC]

Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2310	E3	R	2.3	CMBV,SA
APEX	AE2510	E3	R	2.5	CMBV,SA
APEX	AE2610	E3	R	2.6	CMBV,SA
ARMOR	A23-E89	E3	MR	2.3	W
ARMOR	A26-E89	E3	MR	2.6	W
ASGROW	AG26X0 §	RRX	R	2.6	NA
ASGROW	AG26X8 §	RRX	R	2.6	NA
ASGROW	AG27X0 §	RRX	R	2.7	NA
CHANNEL	2519R2X GC	RRX	S	2.5	NA
CORNELIUS	CB27X81	RRX	R	2.7	PG+
CREDENZ	CZ 2360GTLL	LLGT27	MR	2.3	PV,IL,OB
CREDENZ	CZ 2550GTLL	LLGT27	MR	2.5	PV,IL,OB
CREDENZ	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
FS HISOY	HS 23X70	RRX	R	2.3	ACi,SA
FS HISOY	HS 24X80	RRX	R	2.4	ACi,SA
FS HISOY	HS 25E00	E3	R	2.5	ACi,SA
FS HISOY	HS 27X90	RRX	R	2.7	ACi,SA
GENESIS	G2550E	E3	R	2.5	CMBV,SA
GOLDEN HARVEST	GH2230X	RRX	R	2.2	CMBV,SA
GOLDEN HARVEST	GH2329X	RRX	MR	2.3	CMBV,SA
GOLDEN HARVEST	GH2552X	RRX	MR	2.5	CMBV,SA
GOLDEN HARVEST	GH2788X §	RRX	R	2.7	CMBV,SA
HOEGEMEYER	2660 E	E3	R	2.6	Lum,Lu,IL
KRUGER	K2X-2573	RRX	R	2.5	ACi,IL
KRUGER	K2X-2673	RRX	R	2.6	ACi,IL
LATHAM	L 2379 E3	E3	R	2.3	SS+
LATHAM	L 2578 LLGT27	LLGT27	R	2.5	SS+
LATHAM	L 2638 E3	E3	R	2.6	SS+
LATHAM	L 2682 R2X	RRX	R	2.6	SS+
NK BRAND	S23-G5X	RRX	MR	2.3	CMBV,SA
NK BRAND	S27-M8X §	RRX	R	2.7	CMBV,SA
NUTECH	24N02E	E3	R	2.4	Lum,G,IL
NUTECH	24N04E	E3	R	2.4	Lum,G,IL
NUTECH	26N04E	E3	R	2.6	Lum,G,IL
P3 GENETICS	2126E	E3	R	2.6	PG+
PIONEER	P25A04X GC	RRX	R	2.5	NA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
PIONEER	P28A42X CK	RRX	NA	2.8	NA
RENK	RS248NX	RRX	R	2.4	EcTC,SA
RENK	RS250NX	RRX	R	2.5	EcTC,SA
STINE	24EA12 §	E3	R	2.4	NA
STINE	26EB23 §	E3	R	2.6	NA
TITAN PRO	25E0	E3	R	2.5	SA,A,R,G

2020 Soybeans - Iowa South Central [IASC]

Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2800	E3	R	2.8	CMBV,SA
APEX	AE3001	E3	R	3.0	CMBV,SA
APEX	AE3110	E3	R	3.1	CMBV,SA
ARMOR	A28-E89	E3	MR	2.8	W
ARMOR	A30-E39	E3	MR	3.0	W
CHANNEL	2820R2X GC	RRX	NA	2.8	NA
CORNELIUS	CB29X33	RRX	R	2.9	PG+
CREDENZ	CZ 2830GTLL	LLGT27	R	2.8	PV,IL,OB
CREDENZ	CZ 2910GTLL	LLGT27	R	2.9	PV,IL,OB
CREDENZ	CZ 3099GTLL	LLGT27	R	3.0	PV,IL,OB
DONMARIO	DM 31X61	RRX	R	3.1	CMBV,SA
FS HISOY	HS 28X70	RRX	R	2.8	ACi,SA
FS HISOY	HS 30X00	RRX	R	3.0	ACi,SA
FS HISOY	HS 32E00	E3	R	3.2	ACi,SA
FS HISOY	HS 32X90	RRX	R	3.2	ACi,SA
GENESIS	G2840E	E3	R	2.8	CMBV,SA
GENESIS	G3040E	E3	R	3.0	CMBV,SA
GOLDEN HARVEST	GH2818E3	E3	MR	2.8	CMBV,SA
GOLDEN HARVEST	GH3042E3	E3	R	3.0	CMBV,SA
GOLDEN HARVEST	GH3088X §	RRX	R	3.0	CMBV,SA
GOLDEN HARVEST	GH3152E3S	E3,ST	MR	3.1	CMBV,SA
HOEGEMEYER	2970 E	E3	R	2.9	Lum,Lu,IL
HOEGEMEYER	3030 E	E3	R	3.0	Lum,Lu,IL
KRUGER	K2X-2971	RRX	R	2.9	ACi,IL
LATHAM	E 3148 LLGT27	LLGT27	R	3.1	SS+
LATHAM	L 2887 R2X	RRX	R	2.8	SS+
LATHAM	L 2894 E3	E3	R	2.8	SS+
LATHAM	L 3197 R2X	RRX	R	3.1	SS+
NK BRAND	S28-E3	E3	MR	2.8	CMBV,SA
NK BRAND	S31-E3S	E3,ST	MR	3.1	CMBV,SA
NUTECH	28N02E	E3	R	2.8	Lum,G,IL
NUTECH	30N03E	E3	R	3.0	Lum,G,IL
NUTECH	31N06E	E3	R	3.1	Lum,G,IL
P3 GENETICS	2029E	E3	R	2.9	PG+
PIONEER	P28A42X CK	RRX	NA	2.8	NA
PIONEER	P29A25X GC	RRX	R	2.9	NA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
PIONEER	P33A53X GC	RRX	R	3.3	NA
RENK	RS280NX	RRX	R	2.8	EcTC,SA
RENK	RS301NX	RRX	R	3.1	EcTC,SA
STINE	28EC32 §	E3	R	2.8	NA
TITAN PRO	28E8	E3	R	2.8	SA,A,R,G
TITAN PRO	30E9	E3	R	3.0	SA,A,R,G

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
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments**

NA	Not Available
ACi,IL	Acceleron Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron Standard fungicide + insecticide, Saltro
CMBV,SA	Cruisermaxx, Vibrance, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro
Lum,G,IL	Lumisena, Gaucho, ILeVO
Lum,Lu,IL	Lumigen, Lumisena™, ILeVO
PG+	Profit Guard +
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SA,A,R,G	Saltro, Allegiance FL, Redigo 480, Gaucho 600
SS+	SoyShield Plus
W	Warden® CX

** Seed treatments may include unspecified plant health promoting components.