

2021 Soybeans Top 30 Performance Summary for Iowa South Central [IASC]

Early-Season Test Maturity Group 2.3 - 2.7

Top 30 of 48

S2021IASCa

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	Central City	Hamlin	Nevada	Victor
GOLDEN HARVEST	GH2562XF ↗	RXF	2.5	R	87.0	34.6	20.6	13.0	44	1054	1	80.8	93.4	88.4	85.4
NK BRAND	NK25-C9XF ↗	RXF	2.5	MR	86.5	33.4	21.6	11.7	10	1048	2	81.7	84.3	89.4	90.5
CORNELIUS	CB27XF34 ↗	RXF	2.7	R	85.4	35.3	19.8	12.9	32	1034	3	87.8	91.3	76.5	85.8
CHAMPION	2612XL GC ↗	RXF	2.6	NA	84.6	34.8	19.5	12.5	12	1024	4	83.3	92.3	75.4	87.2
ZINESTO	Z2300E ↗	E3	2.3	R	84.1	33.9	20.3	12.2	27	1019	6	70.2	89.4	83.3	93.4
KRUGER	K2604XF ↗	RXF	2.6	R	84.1	34.6	19.9	12.9	17	1018	7	82.6	89.7	74.8	89.2
ZINESTO	Z2401E ↗	E3	2.4	R	83.9	34.2	21.3	12.2	31	1017	8	73.9	84.0	78.7	98.9
ZINESTO	Z2700E ↗	E3	2.7	R	83.9	34.4	21.1	12.3	20	1016	9	73.8	87.8	85.6	88.2
HOEGEMEYER	2660 E ↗	E3	2.6	R	83.6	34.9	20.8	12.3	13	1012	10	72.2	92.2	86.2	83.7
KRUGER	K2391XF ↗	RXF	2.3	R	83.5	34.6	19.9	13.3	11	1010	14	84.4	91.4	65.2	93.0
XITAVO	XO 2501E ↗	E3	2.5	R	83.5	34.0	21.3	11.8	19	1012	11	79.8	84.6	74.2	95.4
HEFTY	H26XF2 ↗	RXF	2.6	NA	83.4	33.0	20.5	12.4	34	1012	12	76.6	91.8	86.7	78.7
STINE	24EE32 § ↗	E3	2.4	R	83.4	33.6	20.9	12.2	30	1011	13	81.6	82.2	83.8	86.1
HEFTY	H23XF1 ↗	RXF	2.3	NA	83.1	34.3	19.8	12.4	9	1007	15	82.1	93.4	69.9	87.0
LATHAM	L 2458 E3 ↗	E3	2.4	R	83.0	33.9	20.7	13.0	27	1006	16	77.9	84.8	85.0	84.2
GOLDEN HARVEST	GH2722XF § ↗	RXF	2.7	MR	83.0	34.9	20.4	12.4	26	1006	17	78.1	86.2	82.3	85.2
CREDENZ	CZ 2760GTLL ↗	LLGT27	2.7	R	82.5	34.9	20.2	12.5	19	1000	18	78.8	84.0	84.7	82.5
KRUGER	K2594XF ↗	RXF	2.5	R	82.4	33.7	19.9	12.9	13	997	19	79.9	91.8	72.2	85.5
APEX	AE2420S ↗	E3,ST	2.4	R	82.3	33.6	21.1	12.4	30	997	20	75.0	87.6	77.7	88.8
CHANNEL	2420RFX GC ↗	RXF	2.4	R	82.2	34.3	20.0	12.3	45	997	21	80.0	84.6	79.1	85.2
APEX	AE2610 ↗	E3	2.6	R	82.2	33.8	19.9	12.2	9	996	22	73.2	93.2	79.2	83.0
LATHAM	L 2786 XF ↗	RXF	2.7	R	82.0	35.4	19.5	12.8	14	994	23	82.0	87.4	73.4	85.3
HOEGEMEYER	2421 E ↗	E3	2.4	R	82.0	33.1	21.0	12.1	22	993	24	69.0	90.2	82.7	86.0
XITAVO	XO 2472E ↗	E3	2.4	R	81.8	33.5	20.9	12.5	16	991	25	75.8	89.2	83.6	78.6
CORNELIUS	CB26XF76 ↗	RXF	2.6	R	81.4	33.0	20.2	12.5	28	986	26	80.6	85.1	78.2	81.8
FS HISOY	27F10 ↗	RXF	2.7	R	81.1	35.4	20.0	12.2	50	983	27	75.5	84.3	81.7	82.8
HEFTY	H24XF2 ↗	RXF	2.4	NA	81.0	34.2	19.5	13.2	27	981	28	82.2	78.7	73.4	89.8
LG SEEDS	LGS2561XF GC ↗	RXF	2.6	R	80.7	34.8	19.8	12.7	29	978	30	75.3	82.9	77.3	87.2
FS HISOY	27E10 ↗	E3	2.7	R	80.7	33.9	20.5	12.1	5	978	29	71.4	87.7	77.3	86.4
RENK	RS242NXF ↗	RXF	2.4	R	80.7	33.4	20.3	12.1	10	977	31	79.2	86.4	74.9	82.1
PIONEER	P29T37E CK	E3	2.9	NA	84.5	34.2	20.4	12.1	32	1024	5	72.9	94.0	82.6	88.4
					Averages =	81.5	34.2	20.3	12.4	22	988	75.9	86.4	78.0	85.8
					LSD (0.10) =	4.8	0.6	0.4	0.5	10		5.5	4.2	5.2	5.2
					LSD (0.25) =	2.5	0.3	0.2	0.2	5		2.9	2.2	2.7	2.7

Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

Prev. years average yield for region: 55.9 bu/a, 19 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.03

Prices: GMO = \$12.12

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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2021 Soybeans Top 30 Performance Summary for Iowa South Central [IASC]

Full-Season Test

Maturity Group 2.8 - 3.2

S2021IASCb

Top 30 of 48

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	Central City	Hamlin	Nevada	Victor
APEX	AE3220 ↗	E3	3.2	R	88.5	35.2	18.9	11.5	35	1072	1	77.4	94.1	90.1	92.2
ZINESTO	Z3001E ↗	E3	3.0	R	87.5	33.8	19.9	11.4	14	1060	2	83.1	89.6	90.6	86.5
LATHAM	E 2959 E3 ↗	E3	2.9	R	86.5	34.3	19.8	11.2	21	1048	3	85.7	92.6	72.4	95.2
NUTECH	28N02E ↗	E3	2.8	R	86.5	34.7	19.6	11.1	25	1048	4	76.9	88.4	87.1	93.4
XITAVO	XO 2832E ↗	E3	2.8	R	86.2	34.5	19.9	11.4	12	1045	5	85.3	96.4	74.1	89.1
FS HISOY	28E10 ↗	E3	2.8	R	86.0	33.7	20.0	11.6	13	1043	6	83.4	85.4	84.1	91.3
ZINESTO	Z3202E ↗	E3	3.2	NA	85.9	35.0	19.2	11.9	42	1041	7	79.1	85.3	84.4	94.8
HOEGEMEYER	2831 E ↗	E3	2.8	R	85.8	33.8	20.0	11.2	33	1040	8	77.5	88.8	87.1	89.7
GOLDEN HARVEST	GH3132E3 ↗	E3	3.1	R	85.1	35.1	19.9	11.0	22	1032	9	77.1	89.3	85.1	89.0
APEX	AE2920 ↗	E3	2.9	R	85.0	34.2	20.1	11.3	5	1030	10	81.7	80.2	80.4	97.6
STINE	28EC32 § ↗	E3	2.8	R	84.9	34.9	19.9	11.2	12	1029	11	76.6	86.9	78.4	97.7
ZINESTO	Z2902E ↗	E3	2.9	NA	84.1	34.5	19.8	11.3	17	1019	13	85.0	85.1	82.4	83.8
XITAVO	XO 2921E ↗	E3	2.9	R	83.9	34.2	19.8	11.6	23	1017	14	80.4	84.2	82.7	88.2
P3 GENETICS	2231E ↗	E3	3.1	R	83.0	34.9	19.4	11.6	32	1007	15	68.4	86.3	84.6	92.9
GENESIS	G3260E ↗	E3	3.2	R	83.0	34.7	19.4	11.3	44	1006	16	77.3	85.8	81.9	87.0
GENESIS	G2960E ↗	E3	2.9	R	83.0	34.1	19.6	11.7	20	1006	17	73.2	86.4	85.3	87.0
GOLDEN HARVEST	GH3192XF ↗	RXF	3.1	MR	82.7	33.5	19.6	11.6	24	1003	18	80.1	86.1	84.2	80.5
NUTECH	29N02E ↗	E3	2.9	R	82.7	35.0	19.8	11.0	35	1003	19	73.0	92.1	76.2	89.5
RENK	RS282NXF ↗	RXF	2.8	R	82.4	34.6	19.3	11.4	38	998	20	82.3	88.4	75.0	83.8
ZINESTO	Z3101E ↗	E3	3.1	R	82.1	34.3	19.7	11.3	18	996	21	78.1	83.4	88.5	78.5
HEFTY	H28XF2 ↗	RXF	2.8	NA	82.0	33.1	19.6	11.5	37	994	22	76.2	75.9	89.5	86.4
ASGROW	AG31XF2 § ↗	RXF	3.1	R	81.9	33.2	19.2	11.5	14	993	23	82.2	79.0	74.0	92.6
NK BRAND	NK28-T3XF ↗	RXF	2.8	R	81.8	33.9	19.6	11.3	24	992	24	85.7	90.7	70.4	80.6
NK BRAND	NK29-A5E3 § ↗	E3	2.9	MR	81.6	34.3	19.5	11.6	18	989	25	72.7	90.7	73.0	90.1
HOEGEMEYER	3141 E ↗	E3	3.1	R	80.3	34.5	19.4	12.0	26	973	26	71.2	84.2	79.4	86.2
LATHAM	L 2839 LLGT27 ↗	LLGT27	2.8	R	80.2	31.4	20.0	11.7	40	972	27	77.0	88.3	76.1	79.3
GOLDEN HARVEST	GH2922E3 ↗	E3	2.9	R	80.1	34.9	19.6	11.0	16	970	28	71.6	86.5	75.2	87.0
P3 GENETICS	2229E ↗	E3	2.9	R	79.9	34.4	20.0	11.5	5	968	29	79.9	86.6	62.0	91.1
CREDENZ	CZ 3099GTLL ↗	LLGT27	3.1	R	79.8	35.6	19.6	11.5	43	968	30	80.0	82.4	77.8	79.1
CORNELIUS	CB31XF42 ↗	RXF	3.1	R	79.8	35.3	18.5	11.3	27	967	31	66.0	87.5	81.1	84.5
PIONEER	P29T37E CK	E3	2.9	NA	84.5	34.3	20.1	11.6	34	1024	12	74.5	91.1	87.6	84.9
					Averages =	81.2	34.6	19.5	11.4	26	984	75.9	84.1	78.2	86.4
					LSD (0.10) =	4.9	0.7	0.4	0.4	11		5.7	4.6	5.9	7.1
					LSD (0.25) =	2.6	0.3	0.2	0.2	6		3.0	2.4	3.1	3.7

Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

Yield & Income Factors:

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Shrink = 1.0

Drying = \$0.03

Prices: GMO = \$12.12

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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Report Date: 11/08/2021

Revised: 12/22/2021

Protein and soil results added

2021 Soybeans - Iowa South Central [IASC]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2420S	E3,ST	R	2.4	CMBV,SA
Apex	AE2610	E3	R	2.6	CMBV,SA
Champion	2612XL GC	RXF	NA	2.6	NA
Channel	2420RXF GC	RXF	R	2.4	ACi,IL
Channel	2521RXF GC	RXF	NA	2.5	ACi
Cornelius	CB26XF76	RXF	R	2.6	PG+
Cornelius	CB27XF34	RXF	R	2.7	PG+
Credenz	CZ 2550GTLL	LLGT27	MR	2.5	PV,IL,OB
Credenz	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
FS HiSOY	23F10	RXF	R	2.3	ACi,B-200
FS HiSOY	27E10	E3	R	2.7	ACi,B-200
FS HiSOY	27F10	RXF	R	2.7	ACi,B-200
Genesis	G2460ES	E3,ST	R	2.4	CMBV,SA
Golden Harvest	GH2562XF	RXF	R	2.5	CMBV,SA
Golden Harvest	GH2722XF §	RXF	MR	2.7	CMBV,SA
Hefty	H23XF1	RXF	NA	2.3	DST4,SA
Hefty	H24XF2	RXF	NA	2.4	DST4,SA
Hefty	H25XF1	RXF	NA	2.5	DST4,SA
Hefty	H26XF2	RXF	NA	2.6	DST4,SA
Hoegemeyer	2421 E	E3	R	2.4	Lum,Lu,IL
Hoegemeyer	2660 E	E3	R	2.6	Lum,Lu,IL
Kruger	K2391XF	RXF	R	2.3	ACi,IL
Kruger	K2594XF	RXF	R	2.5	ACi,IL
Kruger	K2604XF	RXF	R	2.6	ACi,IL
Kruger	K2793XF	RXF	R	2.7	ACi,IL
Latham	L 2458 E3	E3	R	2.4	SS+,SA
Latham	L 2494 XF	RXF	R	2.4	SS+,SA
Latham	L 2638 E3	E3	R	2.6	SS+,SA
Latham	L 2786 XF	RXF	R	2.7	SS+,SA
LG Seeds	LGS2348E3 §	E3	R	2.3	NA
LG Seeds	LGS2491XF §	RXF	NA	2.4	NA
LG Seeds	LGS2561XF GC	RXF	R	2.6	ASfi,SA
NK Brand	NK25-C9XF	RXF	MR	2.5	CMBV,SA
NK Brand	NK27-A7XF §	RXF	MR	2.7	CMBV,SA
NuTech	24N04E	E3	R	2.4	Lum,Lu,IL
NuTech	26N06E	E3	R	2.6	Lum,Lu,IL
P3 Genetics	2126E	E3	R	2.6	PG+
Pioneer	P25T09E §	E3	R	2.5	Treated
Pioneer	P29T37E CK	E3	NA	2.9	NA
Renk	RS242NXF	RXF	R	2.4	EcTC,SA
Stine	24EE32 §	E3	R	2.4	SFI
Stine	25EB32 §	E3	R	2.5	SFI

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 2472E	E3	R	2.4	PV,IL,OB
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB
Zinesto	Z2300E	E3	R	2.3	DST4,SA
Zinesto	Z2302SE	E3,ST	NA	2.3	DST4,SA
Zinesto	Z2401E	E3	R	2.4	DST4,SA
Zinesto	Z2700E	E3	R	2.7	DST4,SA

2021 Soybeans - Iowa South Central [IASC]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2920	E3	R	2.9	CMBV,SA
Apex	AE3220	E3	R	3.2	CMBV,SA
Asgrow	AG30XF2 §	RXF	R	3.0	ACi,IL
Asgrow	AG31XF2 §	RXF	R	3.1	ACi
Channel	2922RXF GC	RXF	R	2.9	ACi,IL
Cornelius	CB29XF09	RXF	R	2.9	PG+
Cornelius	CB31XF42	RXF	R	3.1	PG+
Credenz	CZ 3099GTLL	LLGT27	R	3.1	PV,IL,OB
FS HiSOY	28E10	E3	R	2.8	ACi,B-200
FS HiSOY	29F10	RXF	R	2.9	ACi,B-200
FS HiSOY	31F10	RXF	R	3.1	ACi,B-200
FS HiSOY	32F10	RXF	R	3.2	ACi,B-200
Genesis	G2960E	E3	R	2.9	CMBV,SA
Genesis	G3260E	E3	R	3.2	CMBV,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Golden Harvest	GH3132E3	E3	R	3.1	CMBV,SA
Golden Harvest	GH3192XF	RXF	MR	3.1	CMBV,SA
Hefty	H28XF2	RXF	NA	2.8	DST4,SA
Hefty	H30XF2	RXF	NA	3.0	DST4,SA
Hefty	H31XF2	RXF	NA	3.1	DST4,SA
Hoegemeyer	2831 E	E3	R	2.8	Lum,Lu,IL
Hoegemeyer	3141 E	E3	R	3.1	Lum,Lu,IL
Kruger	K2885XF	RXF	R	2.8	ACi,IL
Kruger	K2902XF	RXF	R	2.9	ACi,IL
Kruger	K3003XF	RXF	R	3.0	ACi,IL
Kruger	K3103XF	RXF	R	3.1	ACi,IL
Latham	E 2959 E3	E3	R	2.9	SS+,SA
Latham	L 2839 LLGT27	LLGT27	R	2.8	SS+,SA
Latham	L 2894 E3	E3	R	2.8	SS+,SA
Latham	L 3086 XF	RXF	R	3.0	SS+,SA
NK Brand	NK28-T3XF	RXF	R	2.8	CMBV,SA
NK Brand	NK29-A5E3 §	E3	MR	2.9	CMBV,SA
NuTech	28N02E	E3	R	2.8	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	30N05E	E3	R	3.0	Lum,Lu,IL
NuTech	31N06E	E3	R	3.1	Lum,Lu,IL
P3 Genetics	2229E	E3	R	2.9	PG+
P3 Genetics	2231E	E3	R	3.1	PG+
Pioneer	P29T37E CK	E3	NA	2.9	NA
Renk	RS282NXF	RXF	R	2.8	EcTC,SA
Stine	28EC32 §	E3	R	2.8	SFI
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Zinesto	Z2902E	E3	NA	2.9	DST4,SA
Zinesto	Z3001E	E3	R	3.0	DST4,SA
Zinesto	Z3101E	E3	R	3.1	DST4,SA
Zinesto	Z3202E	E3	NA	3.2	DST4,SA

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®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ASfi,SA	AgriShield Max with Saltro®
CMBV,SA	Cruisermass® Beans, Vibrance®, Saltro®
DST4,SA	Dominance 4 ST,Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Saltro®
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.