

2023 Soybeans Top 30 Region Summary for Iowa South Central [IASC]

Early-Season Test
Maturity Group 2.3 - 2.7
 S2023IASCa

Top 30 of 35

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	Rank	Central City	Hamlin	Slater REJECTED	Victor
GOLDEN HARVEST	GH2674E3 §	E3	2.6	MR	75.3	32.1	20.7	11.1	1	958	1	61.7	79.9	65.9	84.2
P3 GENETICS	2325E	E3	2.5	R	73.8	33.8	20.3	10.9	1	939	2	65.8	74.5	62.1	81.0
GOLDEN HARVEST	GH2544XF §	RXF	2.5	R	73.1	33.2	21.1	10.7	1	930	3	63.0	71.5		84.6
PIONEER	P25A16E §	E3	2.5	R	72.8	34.1	20.0	10.8	1	927	4	63.6	72.8	58.4	82.0
GENESIS	G2480E	E3	2.4	R	72.8	33.4	20.2	11.3	1	926	5	60.3	74.7	66.1	83.3
KRUGER	K2294XF	RXF	2.2	R	72.2	32.7	21.0	11.5	1	919	6	56.4	79.4	67.2	80.7
LG SEEDS	LGS2505E3 GC	E3	2.5	NA	72.1	33.1	21.0	11.2	1	918	7	62.2	72.4	66.1	81.6
XITAVO	XO 2323E	E3	2.3	R	71.5	34.4	20.7	10.8	1	911	9	59.9	76.7	66.1	78.0
NUTECH	27N03E	E3	2.7	R	71.4	32.8	20.7	11.1	1	909	10	66.2	70.0	55.2	77.9
HOEGEMEYER	2724 E	E3	2.7	R	71.0	34.5	20.4	10.7	1	904	11	66.7	70.5	55.2	75.9
ASGROW	AG27XF3 §	RXF	2.7	R	70.4	31.5	20.6	10.2	1	896	12	62.0	66.7	66.1	82.4
NUTECH	24N05E	E3	2.4	R	70.2	33.5	20.0	10.6	1	894	13	60.1	72.6	66.1	78.0
KRUGER	K2604XF	RXF	2.6	R	70.2	34.3	20.0	10.9	1	893	14	59.4	77.9	66.1	73.2
FS HISOY	HS 26E20	E3	2.6	R	69.7	33.8	20.7	11.6	1	887	15	64.2	70.1	65.4	74.8
STINE	24FD32 §	RXF	2.4	R	69.7	32.6	20.9	11.7	1	887	16	62.5	72.8	66.1	73.7
NUTECH	27N06E	E3	2.7	R	69.5	34.3	20.5	10.8	1	884	17	67.2	63.7	66.1	77.5
FS HISOY	HS 25E30	E3	2.5	R	69.2	32.7	21.2	11.5	1	882	18	59.0	71.9	66.1	76.8
XITAVO	XO 2444E	E3,ST	2.4	R	69.1	32.9	20.5	10.7	1	880	19	58.9	73.3	66.1	75.2
XITAVO	XO 2501E	E3	2.5	R	68.8	33.4	21.1	10.8	2	876	20	60.3	68.1	65.8	78.0
TITAN PRO	TP 25E22	E3	2.5	R	68.6	33.2	20.9	10.9	1	874	21	59.0	70.6	66.1	76.3
FS HISOY	HS 27E30	E3	2.7	R	68.6	33.7	20.7	11.0	1	873	22	52.6	70.2	55.2	83.0
P3 GENETICS	2326E	E3	2.6	R	68.5	33.9	20.5	11.4	1	872	23	59.3	68.3	77.8	77.8
ASGROW	AG26XF3 §	RXF	2.6	R	68.4	33.6	20.4	11.2	1	872	24	60.9	73.4	66.1	71.1
CHANNEL	2321RFX GC	RXF	2.3	MR	68.4	33.3	20.3	11.5	1	871	25	50.4	76.1	66.1	78.7
XITAVO	XO 2613E	E3	2.6	R	68.3	33.6	20.3	11.0	1	870	26	62.3	70.0	66.1	72.7
STINE	27EG22 §	E3	2.7	R	67.9	33.3	21.0	10.8	1	864	27	61.0	65.8	66.1	76.9
BREVANT	B263EE GC	E3	2.6	R	67.7	33.5	20.8	10.6	1	862	28	65.2	64.0	62.9	73.9
GENESIS	G2550E	E3	2.5	R	66.4	33.0	21.1	11.2	1	846	29	56.7	67.6	62.9	75.0
CORNELIUS	CB27XF72	RXF	2.7	R	66.1	34.2	20.1	10.7	1	842	30	60.7	71.7	66.1	66.0
HOEGEMEYER	2484 E	E3	2.4	R	65.9	33.0	20.4	10.8	1	839	31	55.7	65.9	58.7	76.0
PIONEER	P30A75E CK	E3	3.0	MR	71.8	33.0	20.5	10.6	1	914	8	64.6	68.8	67.4	81.9
					Averages =	69.3	33.4	20.5	10.9	1	882	60.5	70.9	62.5	76.5
					LSD (0.10) =	4.5	0.6	0.3	0.4	ns		3.2	3.3	4.2	3.2
					LSD (0.25) =	2.4	0.3	0.2	0.2	ns		1.7	1.7	2.2	1.7

All RXF beans killed by Enlist application


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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$12.76

† 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. § Links to product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location. * 2 reps for the site.

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Report Date: 10/12/2023 Revised: 12/13/2023 Protein and oil content results added. Prev. years average yield for region: 59.08 bu/a, 20 yr(s)

2023 Soybeans Top 30 Region Summary for Iowa South Central [IASC]


Full-Season Test
Maturity Group 2.8 - 3.2
 S2023IASCb

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	Rank	Central City	Hamlin	Slater REJECTED	Victor
XITAVO	XO 3014E ↗	E3,ST	3.0	R	76.0	33.2	20.0	10.7	2	967	1	75.1	71.1	59.8	81.8
STINE	28EG29 § ↗	E3	2.8	R	75.8	33.2	20.7	11.1	2	965	2	66.4	77.1	64.3	83.9
FS HISOY	HS 28E10 ↗	E3	2.8	R	73.3	33.0	20.6	11.5	1	933	3	64.5	75.8	53.4	79.5
XITAVO	XO 2832E ↗	E3	2.8	R	73.2	33.4	20.6	11.6	1	932	4	59.3	75.9	64.5	84.5
XITAVO	XO 3224E ↗	E3	3.2	R	72.3	32.2	20.6	10.1	1	922	6	61.8	75.3	61.1	80.0
MUSTANG	32E424 ↗	E3	3.2	R	72.3	33.9	20.9	11.1	1	920	7	68.7	62.0	61.1	86.0
NUTECH	31N07E ↗	E3	3.1	R	71.6	32.8	20.7	10.3	1	912	8	68.9	69.2	51.1	76.7
HOEGEMEYER	3134 E ↗	E3	3.1	R	71.4	32.8	21.1	10.4	1	909	9	64.0	73.7	61.1	76.5
GENESIS	G2960E § ↗	E3	2.9	R	70.6	33.3	20.4	11.2	1	899	10	54.9	78.6	51.1	78.3
ASGROW	AG28XF3 § ↗	RXF	2.8	R	70.6	34.2	20.1	10.2	1	898	11	57.7	74.4	61.1	79.5
P3 GENETICS	2429E ↗	E3	2.9	R	70.5	32.4	20.3	10.7	3	897	12	62.7	69.2	61.1	79.5
GENESIS	G3171ES ↗	E3,ST	3.1	R	70.1	32.7	20.2	10.5	1	893	13	61.4	70.3	61.1	78.7
P3 GENETICS	2331E ↗	E3	3.1	R	69.9	32.9	20.3	10.9	3	891	14	62.2	69.4	61.1	78.3
TITAN PRO	TP 29E23 ↗	E3	2.9	R	69.8	32.7	20.2	10.7	4	889	15	63.7	66.7	61.1	79.1
APEX	AE3131S ↗	E3,ST	3.1	R	69.8	32.7	20.4	10.4	2	888	16	60.6	69.2	71.1	79.5
PIONEER	P31A73E § ↗	E3	3.1	R	69.6	33.9	20.4	10.7	1	886	17	58.4	72.4	61.1	78.0
ASGROW	AG30XF4 § ↗	RXF	3.0	R	69.1	33.1	19.7	10.2	1	879	18	69.1	69.1	61.1	68.9
XITAVO	XO 2963E ↗	E3	2.9	R	68.7	33.1	20.6	11.3	1	875	19	60.1	69.9	61.1	76.2
GOLDEN HARVEST	GH2884XF ↗	RXF	2.8	MR	68.2	32.9	20.3	10.7	1	868	20	57.7	70.1	61.1	76.7
CORNELIUS	CB29XF44 ↗	RXF	2.9	R	68.0	33.1	20.1	10.5	1	866	21	58.8	70.7	61.1	74.6
NUTECH	29N02E ↗	E3	2.9	R	67.7	33.7	20.7	10.7	2	862	22	63.4	63.6	61.1	76.0
PIONEER	P28A65E § ↗	E3	2.8	R	67.5	33.5	20.3	9.9	1	859	23	61.9	66.2	51.1	74.4
GOLDEN HARVEST	GH2814E3S § ↗	E3,ST	2.8	MR	67.4	32.7	20.7	11.2	3	858	24	53.9	66.9	63.2	81.3
FS HISOY	HS 28F30 ↗	RXF	2.8	R	67.2	33.4	20.0	11.1	1	856	25	57.2	67.2	61.1	77.3
FS HISOY	HS 31E20 ↗	E3,ST	3.1	R	67.0	33.0	20.2	10.5	2	853	26	59.7	67.4	61.1	74.0
KRUGER	K3214XF ↗	RXF	3.2	R	66.9	33.4	19.2	10.4	1	851	27	57.4	68.1	61.1	75.1
HOEGEMEYER	2834 E ↗	E3	2.8	R	66.3	32.8	21.0	10.4	1	844	28	57.1	62.3	61.1	79.4
MUSTANG	29E224 ↗	E3	2.9	R	65.8	33.7	20.8	10.1	2	838	29	54.8	65.8	70.3	76.8
APEX	AE2940S ↗	E3,ST	2.9	R	65.4	32.5	20.3	10.7	1	833	30	60.6	59.6	63.1	76.0
FS HISOY	HS 32E30 ↗	E3	3.2	R	65.3	32.9	20.5	11.2	3	831	31	57.3	66.1	63.8	72.5
PIONEER	P30A75E CK	E3	3.0	MR	72.9	33.2	20.5	10.3	1	928	5	66.0	71.2	66.6	81.5
					Averages =	68.9	33.1	20.3	10.7	2	878	60.9	69.0	61.7	76.9
					LSD (0.10) =	4.5	0.5	0.3	0.4	1		3.7	2.6	3.8	3.2
					LSD (0.25) =	2.4	0.3	0.2	0.2	1		2.0	1.4	2.0	1.7

All RFX beans killed by Enlist application


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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$12.76

† 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. ↗ Links to product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location. * 2 reps for the site.

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Report Date: 10/12/2023 Revised: 12/13/2023 Protein and oil content results added. Prev. years average yield for region: 59.08 bu/a, 20 yr(s)

2023 Soybeans - Iowa South Central [IASC]

Early-Season Test Products (35 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG26XF3 §	RXF	R	2.6	ACi,IL
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Brevant	B263EE GC	E3	R	2.6	Lum,Lu,Lud,IL
Channel	2321RXF GC	RXF	MR	2.3	Untreated
Channel	2721RXF GC	RXF	R	2.7	Untreated
Cornelius	CB27XF72	RXF	R	2.7	PG+
FS HiSOY	HS 25E30	E3	R	2.5	ACi,SA
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA
FS HiSOY	HS 26F20	RXF	R	2.6	ACi,SA
FS HiSOY	HS 27E30	E3	R	2.7	ACi,SA
Genesis	G2480E	E3	R	2.4	EcQ,NF,NH,SA
Genesis	G2550E	E3	R	2.5	EcQ,NF,NH,SA
Genesis	G2780E	E3	R	2.7	EcQ,NF,NH,SA
Golden Harvest	GH2544XF §	RXF	R	2.5	CMB-APX,SA
Golden Harvest	GH2674E3 §	E3	MR	2.6	CMB-APX,SA
Hoegemeyer	2484 E	E3	R	2.4	Lum,Lu,IL
Hoegemeyer	2724 E	E3	R	2.7	Lum,Lu,IL
Kruger	K2294XF	RXF	R	2.2	ACi,IL
Kruger	K2604XF	RXF	R	2.6	ACi,IL
LG Seeds	LGS2505E3 GC	E3	NA	2.5	ASfi,SA
NuTech	24N05E	E3	R	2.4	Lum,Lu,Lud,IL
NuTech	25N04E	E3	R	2.5	Lum,Lu,IL
NuTech	27N03E	E3	R	2.7	Lum,Lu,IL
NuTech	27N06E	E3	R	2.7	Lum,Lu,IL
P3 Genetics	2325E	E3	R	2.5	PG+
P3 Genetics	2326E	E3	R	2.6	PG+
Pioneer	P25A16E §	E3	R	2.5	NA
Pioneer	P30A75E CK	E3	MR	3.0	Lum, LumT, IL
Stine	24FD32 §	RXF	R	2.4	ACi
Stine	27EG22 §	E3	R	2.7	ACi
Titan Pro	TP 25E22	E3	R	2.5	SA,A,R,TU
Xitavo	XO 2323E	E3	R	2.3	PV,IL,OB,Rey
Xitavo	XO 2444E	E3,ST	R	2.4	PV,IL,OB,Rey
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB,Rey
Xitavo	XO 2613E	E3	R	2.6	PV,IL,OB,Rey

2023 Soybeans - Iowa South Central [IASC]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2940S	E3,ST	R	2.9	PU
Apex	AE3131S	E3,ST	R	3.1	PU
Asgrow	AG28XF3 §	RXF	R	2.8	ACi,IL
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Cornelius	CB29XF44	RXF	R	2.9	PG+
FS HiSOY	HS 28E10	E3	R	2.8	ACi,SA
FS HiSOY	HS 28F30	RXF	R	2.8	ACi,SA
FS HiSOY	HS 31E20	E3,ST	R	3.1	ACi,SA
FS HiSOY	HS 32E30	E3	R	3.2	ACi,SA
Genesis	G2960E §	E3	R	2.9	EcQ,NF,NH,SA
Genesis	G3171ES	E3,ST	R	3.1	EcQ,NF,NH,SA
Golden Harvest	GH2814E3S §	E3,ST	MR	2.8	CMB-APX,SA
Golden Harvest	GH2884XF	RXF	MR	2.8	NA
Golden Harvest	GH3023XF §	RXF	R	3.0	CMB-APX,SA
Hoegemeyer	2834 E	E3	R	2.8	Lum,Lu,IL
Hoegemeyer	3134 E	E3	R	3.1	Lum,Lu,IL
Kruger	K2816XF	RXF	R	2.8	ACi,IL
Kruger	K3003XF	RXF	R	3.0	ACi,IL
Kruger	K3214XF	RXF	R	3.2	ACi,IL
Mustang	29E224	E3	R	2.9	Treated
Mustang	32E424	E3	R	3.2	Treated
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	29N04E	E3	R	2.9	Lum,Lu,IL
NuTech	31N07E	E3	R	3.1	Lum,Lu,IL
P3 Genetics	2331E	E3	R	3.1	PG+
P3 Genetics	2429E	E3	R	2.9	PG+
Pioneer	P28A65E §	E3	R	2.8	Lum, LumT, IL
Pioneer	P30A75E CK	E3	MR	3.0	Lum, LumT, IL
Pioneer	P31A73E §	E3	R	3.1	Lum, LumT, IL
ProHarvest	32F26	RXF	R	3.2	PU
Stine	28EG29 §	E3	R	2.8	ACi
Titan Pro	TP 29E23	E3	R	2.9	SA,A,R,TU
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 2963E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	R	3.0	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	R	3.2	PV,IL,OB,Rey

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®
RRX	Roundup Ready 2 Xtend®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ASfi,SA	AgriShield Max with Saltro®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA,A,R,TU	Saltro, AllegianceFL, Redigo480, TriUp
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.