

2024 Soybeans Top 30 Region Summary for Iowa South [IASO]

Early-Season Test
Maturity Group 2.5 - 3.0
S2024IASOa

Top 30 of 30
For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	SCN	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Cambria	Oakland	Washington	Winterset	
APEX	AE2940S ↗	E3,ST	2.9	M	84.3	9.5	2	819	1	67.4	83.6	90.4	96.1	
NUTECH	30N06E ↗	E3	3.0	M	83.0	9.6	1	807	2	61.9	90.5	90.1	89.7	
TITAN PRO	TP 29E23 ↗	E3	2.9	M	82.2	9.8	2	798	3	65.2	90.9	83.0	89.6	
DYNA-GRO	S28XF85 ↗	RXF	2.8	M	82.0	9.7	4	797	4	65.2	90.5	79.7	92.7	
GOLDEN HARVEST	GH3035E3 § ↗	E3	3.0	M	81.8	9.8	4	795	5	73.0	82.2	89.1	83.0	
NK BRAND	NK30-A9E3 ↗	E3	3.0	M	81.5	10.2	7	791	6	72.1	80.6	90.6	82.6	
AGVENTURE	AV30B2E GC ↗	E3	3.0	M	80.7	10.1	1	783	7	60.0	86.6	84.0	92.0	
XITAVO	XO 3014E ↗	E3,ST	3.0	M	80.2	9.5	2	779	8	64.1	81.5	84.4	90.8	
FS HISOY	HS 30E40 ↗	E3,ST	3.0	M	79.4	11.3	2	769	11	66.5	80.6	89.6	80.9	
DYNA-GRO	S29ES45 ↗	E3,ST	2.9	M	79.2	9.7	2	769	10	65.8	86.9	83.0	81.0	
APEX	AE2950 ↗	E3	2.9	PK	79.1	10.1	1	768	12	56.6	84.3	89.1	86.3	
PIONEER	P28Z89E § ↗	E3	2.8	PK	78.6	9.5	2	763	13	64.7	80.0	81.3	88.4	
AGVENTURE	AV27Y1E § ↗	E3	2.7	PK	78.1	10.1	2	758	14	61.9	83.1	79.5	87.8	
ASGROW	AG30XF4 § ↗	RXF	3.0	R	78.0	9.3	3	758	15	64.2	83.6	78.0	86.4	
FS HISOY	HS 29E40 ↗	E3	2.9	PK	77.7	9.9	1	755	16	58.7	80.7	83.6	87.7	
XITAVO	XO 2735E ↗	E3	2.7	M	77.7	10.1	10	754	17	61.8	85.2	85.4	78.4	
NK BRAND	NK27-J5E3 ↗	E3	2.7	M	77.3	10.0	2	751	18	65.6	73.8	81.9	88.0	
NUTECH	28N03E ↗	E3	2.8	M	76.8	9.8	1	746	19	60.5	73.1	85.0	88.7	
XITAVO	XO 2865E ↗	E3	2.8	M	76.5	9.9	8	743	20	62.8	82.1	83.6	77.4	
HOEGEMEYER	2905 E ↗	E3	2.9	PK	76.3	9.8	1	742	21	52.9	78.8	83.8	89.9	
HOEGEMEYER	2855 E ↗	E3	2.8	M	76.2	9.2	2	740	22	60.6	74.6	85.2	84.4	
FS HISOY	HS 30F40 ↗	RXF	3.0	M	76.0	9.4	9	738	23	63.9	72.4	79.9	87.8	
NUTECH	29N05E ↗	E3	2.9	PK	75.9	9.1	1	737	24	60.1	78.9	78.5	85.9	
GOLDEN HARVEST	GH3043E3 ↗	E3	3.0	M	75.6	10.0	1	734	25	56.9	82.8	78.4	84.2	
XITAVO	XO 2985E ↗	E3	2.9	M	75.2	9.2	4	731	26	56.8	79.4	79.1	85.7	
PIONEER	P28A39E § ↗	E3	2.8	M	75.2	9.9	1	731	27	58.3	74.4	87.3	80.9	
FS HISOY	HS 28F30 ↗	RXF	2.8	M	75.1	9.7	2	730	28	51.8	81.7	83.3	83.7	
NK BRAND	NK28-B9E3S ↗	E3,ST	2.8	M	73.8	9.7	6	716	29	67.1	77.8	80.3	69.8	
NUTECH	27N07E ↗	E3	2.7	M	73.6	9.5	1	714	30	48.6	82.1	75.2	88.2	
PIONEER	P30A75E CK ↗	E3	3.0	MR	79.9	9.4	1	776	9	59.6	87.2	88.8	84.1	
PIONEER	P30A75E CK	E3	3.0	MR	79.9	9.4	1	776	9	59.6	87.2	88.8	84.1	
					Averages =	78.2	9.8	3	760		61.8	81.7	83.7	85.7
					LSD (0.10) =	4.3	0.6	5			5.8	4.6	4.4	4.1
					LSD (0.25) =	2.3	0.3	2			3.0	2.4	2.3	2.1


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Prev. years average yield for region: 66.52 bu/a, 21 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$9.71

† 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.

2024 Soybeans Top 30 Region Summary for Iowa South [IASO]

Full-Season Test
Maturity Group 3.1 - 3.6
S2024IASOb

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

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Cambria	Oakland	Washington	Winterset	
XITAVO	XO 3555E ↗	E3,ST	3.5	M	87.1	9.7	3	846	1	71.0	93.9	92.5	91.2	
APEX	AE3550S ↗	E3,ST	3.5	M	86.6	9.5	2	841	2	72.8	89.4	89.5	94.6	
DYNA-GRO	S35XF44 ↗	RXF	3.5	M	85.5	10.1	6	831	3	76.1	84.4	94.5	87.1	
FS HISOY	HS 36F40 ↗	RXF	3.6	M	84.2	10.1	8	817	4	77.3	84.0	88.6	86.8	
CORNELIUS	CB36XF60 ↗	RXF	3.6	M	83.8	9.9	9	814	5	70.9	79.4	92.8	92.2	
NUTECH	36N06E ↗	E3	3.6	M	83.8	9.5	5	814	6	72.8	82.4	93.0	87.0	
DYNA-GRO	S31EN14 ↗	E3	3.1	M	82.9	9.6	5	806	7	67.2	84.1	89.8	90.6	
PROHARVEST	35E52 ↗	E3	3.5	M	82.5	9.4	2	802	8	73.1	85.3	87.9	83.9	
STINE	31EF02 § ↗	E3	3.1	M	82.2	9.9	6	798	9	65.9	85.7	87.8	89.3	
GENESIS	G3580ES ↗	E3,ST	3.5	M	82.2	9.8	6	798	10	66.2	78.1	90.7	93.6	
FS HISOY	HS 36E40 ↗	E3,ST	3.6	M	82.0	9.4	5	796	11	69.7	75.2	93.5	89.5	
XITAVO	XO 3224E ↗	E3	3.2	PK	81.7	9.2	5	793	12	70.5	84.3	85.8	86.1	
CORNELIUS	CB33XF26 ↗	RXF	3.3	M	80.9	10.2	9	786	13	70.0	78.9	84.7	90.1	
NUTECH	34N02E ↗	E3	3.4	PK	80.6	9.1	3	783	14	71.7	78.5	88.8	83.4	
HOEGEMEYER	3605 E ↗	E3	3.6	M	80.5	9.1	6	781	15	71.6	78.6	87.9	83.7	
GENESIS	G3380E ↗	E3	3.3	PK	80.4	9.6	6	781	16	62.1	85.5	85.0	89.1	
HOEGEMEYER	3185 E ↗	E3	3.1	M	80.1	9.3	2	778	17	64.8	83.0	84.3	88.4	
STINE	35EG92 § ↗	E3	3.5	M	79.9	9.8	7	776	18	70.9	79.7	87.4	81.7	
FS HISOY	HS 34F30 ↗	RXF	3.4	M	79.6	9.2	8	773	19	77.7	77.6	77.9	85.2	
P3 GENETICS	2434E ↗	E3	3.4	PK	79.3	9.9	4	770	20	65.0	84.0	82.2	86.1	
XITAVO	XO 3375E ↗	E3	3.3	M	78.8	10.2	6	766	22	64.2	85.7	87.9	77.5	
APEX	AE3540S ↗	E3,ST	3.5	M	78.8	10.2	10	765	23	62.5	80.1	84.5	88.1	
GOLDEN HARVEST	GH3355E3S ↗	E3,ST	3.3	PK	78.7	9.1	7	764	24	69.4	83.6	77.3	84.5	
NK BRAND	NK33-Y7E3S § ↗	E3,ST	3.3	PK	78.7	10.5	10	763	25	70.2	83.8	75.7	85.0	
NUTECH	32N04E ↗	E3	3.2	M	78.5	9.6	7	763	26	66.4	76.7	82.3	88.7	
FS HISOY	HS 34E40 ↗	E3	3.4	PK	78.3	10.0	2	761	27	66.5	83.4	82.3	81.0	
APEX	AE3131S ↗	E3,ST	3.1	M	77.9	10.2	6	756	28	63.0	81.5	80.0	87.0	
ASGROW	AG33XF3 § ↗	RXF	3.3	R	77.4	9.4	5	751	29	72.0	78.4	75.7	83.4	
NUTECH	35N05E ↗	E3	3.5	PK	77.3	9.1	3	751	31	67.3	82.8	77.7	81.6	
GOLDEN HARVEST	GH3655E3S ↗	E3,ST	3.6	M	77.3	9.2	5	751	30	66.0	80.5	83.1	79.7	
PIONEER	P30A75E CK	E3	3.0	MR	79.1	9.4	1	768	21	63.9	83.6	84.9	83.9	
					Averages =	80.1	9.7	5	777		68.6	81.5	84.8	85.4
					LSD (0.10) =	4.0	0.7	4			4.4	3.9	4.1	4.9
					LSD (0.25) =	2.1	0.4	2			2.3	2.0	2.2	2.6


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2024 Soybeans - Iowa South [IASO]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV27Y1E §	E3	PK	2.7	CMB
AgVenture	AV30B2E GC	E3	M	3.0	Lum,Lu,Lud,IL
Apex	AE2940S	E3,ST	M	2.9	PU
Apex	AE2950	E3	PK	2.9	PU
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Dyna-Gro	S28XF85	RXF	M	2.8	PLTM
Dyna-Gro	S29ES45	E3,ST	M	2.9	PLTM
FS HiSOY	HS 28F30	RXF	M	2.8	ACi,SA
FS HiSOY	HS 29E40	E3	PK	2.9	ACi,SA
FS HiSOY	HS 30E40	E3,ST	M	3.0	ACi,SA
FS HiSOY	HS 30F40	RXF	M	3.0	ACi,SA
Golden Harvest	GH3035E3 §	E3	M	3.0	CMB-APX,SA
Golden Harvest	GH3043E3	E3	M	3.0	CMB-APX,SA
Hoegemeyer	2855 E	E3	M	2.8	Lum, LumT, IL
Hoegemeyer	2905 E	E3	PK	2.9	Lum, LumT, IL
NK Brand	NK27-J5E3	E3	M	2.7	CMB-APX,SA
NK Brand	NK28-B9E3S	E3,ST	M	2.8	CMB-APX,SA
NK Brand	NK30-A9E3	E3	M	3.0	CMB-APX,SA
NuTech	27N07E	E3	M	2.7	Lum, LumT, IL
NuTech	28N03E	E3	M	2.8	Lum, LumT, IL
NuTech	29N05E	E3	PK	2.9	Lum, LumT, IL
NuTech	30N06E	E3	M	3.0	Lum, LumT, IL
Pioneer	P28A39E §	E3	M	2.8	Lum, LumT, IL
Pioneer	P28Z89E §	E3	PK	2.8	Lum, LumT, IL
Pioneer	P30A75E CK	E3	MR	3.0	Lum
Titan Pro	TP 29E23	E3	M	2.9	CMB-APX,SA
Xitavo	XO 2735E	E3	M	2.7	PV,IL,OB,Rey
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 2985E	E3	M	2.9	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	M	3.0	PV,IL,OB,Rey

2024 Soybeans - Iowa South [IASO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE3131S	E3,ST	M	3.1	PU
Apex	AE3540S	E3,ST	M	3.5	CMB-APX,SA
Apex	AE3550S	E3,ST	M	3.5	PU
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG36XF4 §	RXF	R	3.6	ACi,IL
Cornelius	CB33XF26	RXF	M	3.3	PG+
Cornelius	CB36XF60	RXF	M	3.6	PG+
Dyna-Gro	S31EN14	E3	M	3.1	PLTM
Dyna-Gro	S35XF44	RXF	M	3.5	PLTM
FS HiSOY	HS 34E40	E3	PK	3.4	ACi,SA
FS HiSOY	HS 34F30	RXF	M	3.4	ACi,SA
FS HiSOY	HS 36E40	E3,ST	M	3.6	ACi,SA
FS HiSOY	HS 36F40	RXF	M	3.6	ACi,SA
Genesis	G3380E	E3	PK	3.3	EcTC,SA
Genesis	G3580ES	E3,ST	M	3.5	EcTC,SA
Golden Harvest	GH3355E3S	E3,ST	PK	3.3	CMB-APX,SA
Golden Harvest	GH3655E3S	E3,ST	M	3.6	CMB-APX,SA
Hoegemeyer	3185 E	E3	M	3.1	Lum, LumT, IL
Hoegemeyer	3605 E	E3	M	3.6	Lum, LumT, IL
NK Brand	NK33-Y7E3S §	E3,ST	PK	3.3	CMB-APX,SA
NK Brand	NK34-Z8E3S §	E3,ST	M	3.4	CMB-APX,SA
NK Brand	NK36-Q6E3S	E3,ST	M	3.6	CMB-APX,SA
NuTech	32N04E	E3	M	3.2	Lum, LumT, IL
NuTech	34N02E	E3	PK	3.4	Lum, LumT, IL
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL
NuTech	36N06E	E3	M	3.6	Lum, LumT, IL
P3 Genetics	2434E	E3	PK	3.4	PG+
Pioneer	P30A75E CK	E3	MR	3.0	Lum
ProHarvest	35E52	E3	M	3.5	PU
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Stine	35EG92 §	E3	M	3.5	TFX1,SA
Stine	36EE12 §	E3	M	3.6	TFX1,SA
Xitavo	XO 3105E	E3	M	3.1	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	PK	3.2	PV,IL,OB,Rey
Xitavo	XO 3375E	E3	M	3.3	PV,IL,OB,Rey
Xitavo	XO 3555E	E3,ST	M	3.5	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 Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
CMB	CruiserMaxx® Beans
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum	LumiGEN™
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PLTM	DynaGro PLTM
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro

* Seed treatments may include unspecified plant health promoting components.