

2021 Soybeans Top 30 Performance Summary for Illinois South [ILSO]

All-Season Test
 Maturity Group 3.5 - 4.5
 S2021ILSO

Top 30 of 71

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	Belleville	Effingham REJECTED	Flora	Nashville
LOYAL	L3940E ↗	E3	3.9	R	66.8	34.5	20.8	13.0	8	809	1	70.3	73.4	71.5	58.4
NUTECH	43N04E ↗	E3	4.3	R	64.5	33.9	21.0	12.8	24	781	2	63.2	55.4	66.2	64.1
ASGROW	AG40XF1 § ↗	RXF	4.0	R	64.5	35.3	20.0	13.2	9	778	3	67.5	61.1	60.1	65.8
AGRIGOLD	G3957E3 ↗	E3	3.9	R	64.0	34.3	20.7	13.6	4	771	4	74.9	61.1	61.0	56.0
STONE	2XF4442-SR ↗	RXF	4.4	R	63.5	34.3	20.0	13.2	12	767	6	66.7	61.1	62.2	61.6
STINE	39EC22 § ↗	E3	3.9	R	63.5	34.4	21.3	12.9	7	770	5	58.1	61.1	68.1	64.3
FS HISOY	40F10 ↗	RXF	4.0	R	63.1	35.6	19.5	12.9	6	766	7	66.8	71.1	69.7	52.8
AGRIGOLD	G3490XF ↗	RXF	3.4	R	62.7	34.8	20.2	12.8	6	761	8	58.5	61.1	66.6	63.1
DYNA-GRO	S41ES80 ↗	E3	4.1	R	62.7	34.9	19.7	12.9	10	761	9	60.6	61.1	66.2	61.3
NK BRAND	NK43-V8XF ↗	RXF	4.3	MR	62.5	33.5	21.0	13.5	18	755	10	64.0	61.1	63.9	59.4
GOLDEN HARVEST	GH4452XFS ↗	RXF,ST	4.4	MR	62.4	34.1	20.3	13.5	6	752	11	66.1	61.1	56.0	65.1
NUTECH	39N05E ↗	E3	3.9	R	62.0	34.6	20.5	13.2	6	747	12	70.0	61.1	57.6	58.3
ASGROW	AG40XF0 GC ↗	RXF	4.0	R	61.7	35.6	20.2	13.2	6	746	14	66.9	61.1	61.0	57.2
FS HISOY	42F10 ↗	RXF	4.2	R	61.6	34.7	20.9	13.3	21	745	15	64.2	61.1	61.7	59.0
ASGROW	AG38XF1 § ↗	RXF	3.8	R	61.6	35.3	20.0	13.2	12	745	16	62.6	61.1	62.2	59.9
APEX	AE3920 ↗	E3	3.9	R	61.6	33.4	21.1	13.0	4	747	13	60.1	71.1	66.0	58.6
FS HISOY	44F10 ↗	RXF	4.4	R	61.5	35.0	19.9	13.4	9	744	17	64.8	61.1	61.9	57.7
PIONEER	P42T31E § ↗	E3	4.2	R	61.2	33.9	20.9	13.2	14	741	18	59.2	61.1	64.1	60.4
GREAT HEART	GT-4042XF ↗	RXF	4.0	R	61.2	35.0	20.7	13.2	10	739	20	64.3	61.1	60.4	58.8
GENESIS	G3560E ↗	E3	3.5	R	61.1	35.3	20.9	13.3	14	738	22	60.8	61.1	61.8	60.5
NK BRAND	NK37-V4E3S § ↗	E3,ST	3.7	MR	61.0	35.5	20.6	13.3	21	739	21	60.7	61.1	64.3	58.1
ASGROW	AG42XF1 GC ↗	RXF	4.2	R	61.0	34.8	19.3	13.2	7	740	19	63.6	61.1	65.8	53.7
XITAVO	XO 3861E ↗	E3,ST	3.8	R	60.8	35.3	20.4	12.9	6	737	23	60.3	61.1	62.7	59.5
NUTECH	39N04E ↗	E3	3.9	R	60.8	35.1	20.1	12.8	6	736	24	61.9	71.1	62.6	57.9
DYNA-GRO	S41EN72 ↗	E3	4.1	R	60.6	33.8	21.2	13.0	13	734	25	58.5	91.1	62.1	61.3
STINE	40EC20 § ↗	E3	4.0	R	60.6	35.7	20.2	13.1	9	732	26	64.8	57.4	60.0	56.9
NUTECH	41N03E ↗	E3	4.1	R	60.5	34.1	19.8	13.3	4	731	27	61.8	61.1	59.2	60.6
ASGROW	AG35XF1 § ↗	RXF	3.5	R	60.4	34.6	21.3	13.3	13	731	28	63.9	61.1	63.2	54.0
XITAVO	XO 3651E ↗	E3	3.6	R	60.3	35.1	21.2	13.3	16	728	30	65.4	61.1	58.8	56.6
NUTECH	35N03E ↗	E3	3.5	R	60.2	35.6	20.9	13.2	10	729	29	59.6	88.6	62.0	59.0

Variety yield variance due to uneven establishment

Klint Tucker

Averages =	59.1	34.7	20.6	13.1	13	715	60.2	64.6	59.7	57.3
LSD (0.10) =	5.0	0.7	0.4	0.3	13		6.0	6.8	7.6	5.5
LSD (0.25) =	2.6	0.4	0.2	0.2	7		3.1	3.6	4.0	2.9

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Prev. years average yield for region: 49.82 bu/a, 20 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$11.74

† 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 *There were 2 reps for the site.

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2021 Soybeans - Illinois South [ILSO]

All-Season Test Products (71 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgriGold	G3451E3	E3	R	3.4	ASfi,SA
AgriGold	G3490XF	RXF	R	3.4	ASfi,SA
AgriGold	G3630XF	RXF	R	3.6	ASfi,SA
AgriGold	G3755E3	E3	R	3.7	ASfi,SA
AgriGold	G3957E3	E3	R	3.9	ASfi,SA
Apex	AE3520	E3	R	3.5	CMBV,SA
Apex	AE3720S	E3,ST	R	3.6	CMBV,SA
Apex	AE3920	E3	R	3.9	CMBV,SA
Apex	AE4120	E3	R	4.1	CMBV,SA
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG38XF1 §	RXF	R	3.8	ACi,IL
Asgrow	AG40XF0 GC	RXF	R	4.0	Untreated
Asgrow	AG40XF1 §	RXF	R	4.0	ACi,IL
Asgrow	AG42XF1 GC	RXF	R	4.2	Untreated
DONMARIO	DM3756E	E3	R	3.7	CMBV
DONMARIO	DM37F51	RXF	NA	3.7	BPS-SDS
DONMARIO	DM3932E	E3	R	3.9	BPS-SDS
DONMARIO	DM40E62	E3	NA	4.0	CMBV
DONMARIO	DM42F62	RXF	NA	4.2	CMBV
Dyna-Gro	S40XF21S	RXF,ST	R	4.0	EQV,SA
Dyna-Gro	S41EN72	E3	R	4.1	EQV,SA
Dyna-Gro	S41ES80	E3	R	4.1	EQV,SA
Dyna-Gro	S43EN61	E3	R	4.3	EQV,SA
FS HiSOY	39E10	E3	R	3.9	NA
FS HiSOY	39F10	RXF	R	3.9	ACi,B-200
FS HiSOY	40F10	RXF	R	4.0	NA
FS HiSOY	42E10	E3,ST	R	4.2	ACi,B-200
FS HiSOY	42F10	RXF	R	4.2	ACi,B-200
FS HiSOY	43E00	E3	R	4.3	ACi,B-200
FS HiSOY	44F10	RXF	R	4.4	ACi,B-200
FS HiSOY	45E00	E3	R	4.5	ACi,B-200
Genesis	G3560E	E3	R	3.5	CMBV,SA
Genesis	G3760ES	E3,ST	R	3.7	CMBV,SA
Genesis	G3960E	E3	R	3.9	CMBV,SA
Genesis	G4160E	E3	R	4.1	CMBV,SA
Golden Harvest	GH3512E3S	E3,ST	MR	3.5	CMBV,SA
Golden Harvest	GH3732XF	RXF	R	3.7	CMBV,SA
Golden Harvest	GH3762E3S	E3,ST	MR	3.7	CMBV,SA
Golden Harvest	GH3902E3S §	E3,ST	R	3.9	CMBV,SA
Golden Harvest	GH3952XF §	RXF	R	3.9	CMBV,SA
Golden Harvest	GH4072E3	E3	MR	4.0	CMBV,SA
Golden Harvest	GH4392XF	RXF	MR	4.3	CMBV,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Golden Harvest	GH4452XFS	RXF,ST	MR	4.4	CMBV,SA
Great Heart	GT-3702XF	RXF	R	3.7	Gr+
Great Heart	GT-4042XF	RXF	R	4.0	Gr+
Loyal	L3940E	E3	R	3.9	CMBV,SA
NK Brand	NK37-V4E3S §	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK39-A1XF	RXF	R	3.9	CMBV,SA
NK Brand	NK40-U7E3	E3	R	4.0	CMBV,SA
NK Brand	NK43-V8XF	RXF	MR	4.3	CMBV,SA
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL
NuTech	39N04E	E3	R	3.9	Lum,Lu,IL
NuTech	39N05E	E3	R	3.9	Lum,Lu,IL
NuTech	41N03E	E3	R	4.1	Lum,Lu,IL
NuTech	43N04E	E3	R	4.3	Lum,Lu,IL
NuTech	45N04E	E3	R	4.5	Lum,Lu,IL
NuTech	45N08E	E3	R	4.5	Lum,Lu,IL
Pioneer	P35T01SE §	E3,ST	R	3.5	NA
Pioneer	P38T05E §	E3	R	3.8	Lum,IL
Pioneer	P42T31E §	E3	R	4.2	Lum,Lu,IL
Stine	36EB32 §	E3	R	3.6	SFI
Stine	39EC22 §	E3	R	3.9	SFI
Stine	40EC20 §	E3	R	4.0	SFI
Stine	42EE20 GC	E3	R	4.2	NA
Stine	43EE02 GC	E3	R	4.3	NA
Stone	2XF3632	RXF	R	3.6	ACi,IL
Stone	2XF4442-SR	RXF	R	4.4	ACi,IL
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB
Xitavo	XO 3861E	E3,ST	R	3.8	PV,IL,OB
Xitavo	XO 4371E	E3	R	4.3	PV,IL,OB

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
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®
BPS-SDS	Burrus PowerShield® SDS
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EQV,SA	Equity VIP, Saltro®
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,IL	LumiGEN™ plus ILeVO
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.