

2021 Soybeans Top 30 Performance Summary for Missouri North [MONO]



Early-Season Test Maturity Group 3.2 - 3.7

Top 30 of 44

S2021MONOa

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	Cairo	Greentop	Maryville	St. Joseph
MIDLAND GENETICS	3591E3 ↗	E3	3.5	MR	60.2	33.3	19.9	11.7	3	723	1	59.0	58.4	69.3	54.2
FS HISOY	35E10 ↗	E3	3.5	R	60.2	34.1	20.4	11.6	5	722	2	60.8	57.5	67.9	54.5
XITAVO	XO 3402E ↗	E3	3.4	R	60.0	33.6	20.9	11.6	3	720	3	60.2	58.3	65.2	56.2
NUTECH	37N01E ↗	E3	3.7	R	59.9	35.2	19.7	11.8	2	719	4	58.5	59.6	64.0	57.7
MIDLAND GENETICS	3392E3 ↗	E3	3.3	R	59.8	33.3	21.0	11.6	4	718	5	59.6	59.1	67.1	53.4
BURRUS	3642E ↗	E3	3.6	R	59.7	33.4	20.1	11.7	2	717	6	58.1	59.4	69.0	52.6
DONMARIO	DM3756E ↗	E3	3.7	R	59.5	33.8	19.8	11.5	3	714	7	59.0	53.9	68.0	57.1
MIDLAND GENETICS	3522XF ↗	RXF	3.5	MR	59.0	33.4	20.4	11.5	2	709	8	62.1	54.5	71.8	47.9
AGRIGOLD	G3490XF ↗	RXF	3.4	R	59.0	32.9	20.0	11.5	2	709	9	58.5	56.8	67.5	53.3
DONMARIO	DM37F51 ↗	RXF	3.7	NA	59.0	33.4	19.6	11.6	2	708	10	58.2	61.6	66.6	49.7
ASGROW	AG35XF1 § ↗	RXF	3.5	R	58.9	33.6	20.2	11.7	2	707	11	57.4	58.9	65.9	53.5
HOEGEMEYER	3591 E ↗	E3	3.5	R	58.8	33.9	19.9	11.7	2	705	12	59.3	59.6	67.2	48.9
PIONEER	P38T05E § ↗	E3	3.8	R	58.7	32.7	20.6	11.6	1	705	13	56.2	58.6	64.9	55.2
GOLDEN HARVEST	GH3442XF ↗	RXF	3.4	MR	58.7	33.1	20.3	11.5	4	705	14	58.4	54.8	65.6	56.0
XITAVO	XO 3651E ↗	E3	3.6	R	58.5	33.4	19.7	11.8	3	702	15	59.2	54.6	67.5	52.8
NUTECH	35N03E ↗	E3	3.5	R	58.5	33.3	20.0	11.8	3	702	16	56.2	58.2	69.2	50.5
STINE	35EE32 § ↗	E3	3.5	R	58.4	33.3	19.9	11.7	3	700	17	55.5	59.6	64.2	54.2
FS HISOY	37E10 ↗	E3	3.7	R	58.1	34.0	20.8	11.5	3	697	18	55.8	57.0	67.0	52.5
STINE	36EB32 § ↗	E3	3.6	R	58.1	32.9	19.9	11.7	3	697	19	56.7	58.0	67.9	49.7
AGRIGOLD	G3649E3 ↗	E3	3.6	R	57.9	33.7	19.8	11.6	2	695	20	58.7	57.0	65.6	50.3
DYNA-GRO	S35XF72 ↗	RXF	3.5	R	57.8	33.8	20.6	11.5	1	694	21	62.6	52.3	68.1	48.2
DYNA-GRO	S37ES52 ↗	E3	3.7	R	57.7	33.5	20.6	11.6	2	692	22	55.7	57.9	65.0	52.2
AGRIGOLD	G3755E3 ↗	E3	3.7	R	57.6	33.4	19.7	11.8	3	691	23	50.1	56.5	67.8	56.0
XITAVO	XO 3752E ↗	E3,ST	3.7	R	57.4	33.8	20.5	11.5	4	689	24	56.7	50.9	64.5	57.7
GOLDEN HARVEST	GH3512E3S ↗	E3,ST	3.5	MR	57.3	33.4	19.8	11.9	7	688	25	52.3	55.2	65.4	56.4
LEWIS	3513XF ↗	RXF	3.5	R	57.3	33.7	19.9	11.6	2	688	26	54.8	55.5	64.8	54.0
LEWIS	3713XF ↗	RXF	3.7	R	57.2	34.9	19.3	11.6	4	687	27	58.9	56.4	61.6	52.1
NUTECH	34N06E ↗	E3	3.4	R	57.2	33.1	20.6	11.7	3	687	28	60.0	53.2	66.0	49.7
LEWIS	3623XF ↗	RXF	3.6	R	57.2	33.2	19.6	11.7	2	686	29	60.2	55.2	63.5	49.7
FS HISOY	37F00 ↗	RXF	3.7	R	57.0	34.0	19.9	11.5	1	684	30	55.3	53.7	64.3	54.6
PIONEER	P41T07E CK	E3	4.1	MR	55.4	34.1	18.7	11.9	2	665	39	58.1	55.1	57.7	50.7

William Schelp

Averages = 57.6 33.6 20.0 11.7 3 691 57.1 55.9 65.5 52.0

LSD (0.10) = 2.5 0.6 0.4 0.1 3 2.5 2.9 2.8 3.9

William Schelp

LSD (0.25) = 1.3 0.3 0.2 0.1 2 1.3 1.5 1.5 2.1

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Prev. years average yield for region: 52.87 bu/a, 4 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$12.00; non-GMO = \$12.00

† 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 Missouri North [MONO]

Full-Season Test

Maturity Group 3.8 - 4.3

S2021MONOb

Top 30 of 45

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	Cairo	Greentop	Maryville	St. Joseph
XITAVO	XO 3861E ↗	E3,ST	3.8	R	62.0	34.6	19.5	11.8	1	745	1	63.3	62.0	67.0	55.9
FS HISOY	39E10 ↗	E3	3.9	R	60.6	34.4	19.7	11.8	2	728	2	55.7	62.3	66.0	58.5
ASGROW	AG41XF2 § ↗	RXF	4.1	R	60.5	35.0	18.5	12.1	2	726	3	61.3	58.9	68.6	53.0
BURRUS	3859E ↗	E3	3.8	R	60.4	34.1	19.5	12.0	2	725	4	59.2	59.9	66.5	56.1
HOEGEMEYER	3921 E ↗	E3	3.9	R	59.8	32.9	20.0	11.9	1	717	5	59.7	60.0	65.1	54.2
HOEGEMEYER	4081 SE ↗	E3,ST	4.0	R	59.7	34.2	19.4	11.7	3	716	6	59.6	61.4	60.7	56.9
AGRIGOLD	G3724XF ↗	RXF	3.7	R	59.3	33.6	18.7	12.0	2	712	7	59.5	56.3	66.4	55.1
ASGROW	AG40XF1 § ↗	RXF	4.0	R	59.3	34.1	19.2	11.8	5	712	8	60.6	57.3	62.1	57.2
XITAVO	XO 3922E ↗	E3	3.9	R	59.2	34.0	19.8	11.9	1	710	9	54.8	62.1	63.2	56.7
AGRIGOLD	G3957E3 ↗	E3	3.9	R	59.2	33.3	19.3	12.0	2	710	10	55.7	60.7	70.7	49.7
XITAVO	XO 4132E ↗	E3	4.1	R	59.1	33.2	19.5	11.9	6	709	11	59.5	61.0	62.4	53.3
MIDLAND GENETICS	3999E3 ↗	E3	3.9	R	58.8	34.4	19.2	11.9	5	706	12	61.8	59.3	59.6	54.4
NUTECH	43N04E ↗	E3	4.3	R	58.6	33.2	19.3	12.1	7	703	13	61.5	60.1	63.3	49.4
DYNA-GRO	S41EN72 ↗	E3	4.1	R	58.5	33.8	19.3	11.9	6	702	14	59.2	63.6	63.0	48.2
STINE	39EC22 § ↗	E3	3.9	R	58.4	34.2	19.8	12.1	1	700	15	54.0	60.6	65.2	53.7
LEWIS	4304XF ↗	RXF	4.3	R	58.0	34.7	18.4	11.8	3	696	16	58.0	60.6	62.2	51.3
GOLDEN HARVEST	GH3952XF ↗	RXF	3.9	R	57.9	34.4	19.3	11.8	4	695	17	56.3	56.3	61.6	57.4
NUTECH	39N04E ↗	E3	3.9	R	57.9	34.4	19.4	11.9	2	695	18	52.5	57.0	69.6	52.4
NK BRAND	NK39-A1XF § ↗	RXF	3.9	R	57.6	34.0	19.6	11.8	1	691	19	54.2	57.4	63.4	55.4
NUTECH	39N05E ↗	E3	3.9	R	57.6	34.1	19.9	11.7	1	691	20	54.8	59.9	60.6	54.9
FS HISOY	42E10 ↗	E3,ST	4.2	R	57.3	34.1	18.9	12.1	3	687	21	58.8	60.2	60.2	49.9
NUTECH	41N03E ↗	E3	4.1	R	57.2	34.6	18.6	12.1	1	687	22	51.2	60.8	62.9	54.0
CREDENZ	CZ 3930GTLL ↗	LLGT27	3.9	R	57.0	33.7	19.1	12.0	5	684	23	50.6	56.2	62.9	58.3
FS HISOY	40F10 ↗	RXF	4.0	R	56.8	34.4	18.3	11.9	9	682	24	59.6	56.1	60.3	51.2
MIDLAND GENETICS	4260E3S ↗	E3,ST	4.2	MR	56.8	34.8	19.0	12.1	2	681	25	52.4	58.5	64.0	52.2
GOLDEN HARVEST	GH3902E3S § ↗	E3,ST	3.9	R	56.5	34.0	19.4	11.9	8	678	26	55.0	58.4	62.4	50.2
DONMARIO	DM3932E ↗	E3	3.9	R	56.4	34.5	19.3	12.0	3	677	27	62.0	55.2	57.9	50.6
LEWIS	3910XF ↗	RXF	3.9	R	56.2	34.5	19.1	11.8	2	674	29	60.0	57.4	58.8	48.5
LEWIS	4004XF ↗	RXF	4.0	R	56.0	33.7	19.2	11.8	2	672	30	57.2	56.2	62.7	47.8
AGRIGOLD	G4094XF ↗	RXF	4.0	R	55.9	33.1	19.7	11.9	5	671	31	54.2	58.0	61.0	50.5
PIONEER	P41T07E CK	E3	4.1	MR	56.2	34.5	18.7	12.0	1	674	28	57.5	60.5	60.6	46.2
					Averages =	57.0	34.3	19.1	11.9	4	684	56.6	58.9	61.1	51.3
					LSD (0.10) =	3.2	0.6	0.3	0.3	3		2.2	2.7	3.7	4.5
					LSD (0.25) =	1.7	0.3	0.2	0.1	2		1.2	1.4	2.0	2.4

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$12.00; non-GMO = \$12.00

† 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

Additional reports available at www.firstseedtests.com

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Report Date: 10/21/2021

Revised: 12/22/2021

Protein and soil results added

2021 Soybeans - Missouri North [MONO]

Early-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgriGold	G3490XF	RXF	R	3.4	ASfi,SA
AgriGold	G3630XF	RXF	R	3.6	ASfi,SA
AgriGold	G3649E3	E3	R	3.6	ASfi,SA
AgriGold	G3755E3	E3	R	3.7	ASfi,SA
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Burrus	3642E	E3	R	3.6	NA
Credenz	CZ 3750GTLL	LLGT27	R	3.7	PV,IL,OB
DONMARIO	DM3756E	E3	R	3.7	BPS-SDS
DONMARIO	DM37F51	RXF	NA	3.7	BPS-SDS
Dyna-Gro	S35XF72	RXF	R	3.5	EQV,SA
Dyna-Gro	S37ES52	E3	R	3.7	EQV,SA
Dyna-Gro	S37XF42	RXF	MR	3.7	EQV,SA
FS HiSOY	35E10	E3	R	3.5	ACi,B-200
FS HiSOY	35F10	RXF	R	3.5	ACi,B-200
FS HiSOY	37E10	E3	R	3.7	ACi,B-200
FS HiSOY	37F00	RXF	R	3.7	ACi,B-200
Golden Harvest	GH3442XF	RXF	MR	3.4	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
Hoegemeyer	3421 SE	E3,ST	R	3.4	Lum,Lu,IL
Hoegemeyer	3591 E	E3	R	3.5	Lum,Lu,IL
Lewis	3325XF	RXF	R	3.3	ACi
Lewis	3513XF	RXF	R	3.5	ACi
Lewis	3623XF	RXF	R	3.6	ACi
Lewis	3713XF	RXF	R	3.7	ACi
Midland Genetics	3392E3	E3	R	3.3	Edge-SST
Midland Genetics	3522XF	RXF	MR	3.5	Edge-SST
Midland Genetics	3591E3	E3	MR	3.5	Edge-SST
Midland Genetics	3722XFS	RXF	MR	3.7	Edge-SST
NK Brand	NK37-V4E3S	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK37-Z9XF	RXF	R	3.7	CMBV,SA
NuTech	34N06E	E3	R	3.4	Lum,Lu,IL
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL
Pioneer	P38T05E §	E3	R	3.8	NA
Pioneer	P38T76E §	E3	NA	3.8	NA
Pioneer	P41T07E CK	E3	MR	4.1	NA
Stine	35EE32 §	E3	R	3.5	SFI
Stine	36EB32 §	E3	R	3.6	NA
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB
Xitavo	XO 3402E	E3	R	3.4	PV,IL,OB

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB

2021 Soybeans - Missouri North [MONO]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgriGold	G3724XF	RXF	R	3.7	ASfi,SA
AgriGold	G3957E3	E3	R	3.9	ASfi,SA
AgriGold	G4094XF	RXF	R	4.0	ASfi,SA
Asgrow	AG40XF1 §	RXF	R	4.0	ACi,IL
Asgrow	AG41XF2 §	RXF	R	4.1	ACi,IL
Burrus	3859E	E3	R	3.8	Treated
Credenz	CZ 3930GTLL	LLGT27	R	3.9	PV,IL,OB
Credenz	CZ 4241GTLL	LLGT27	NA	4.2	PV,IL,OB
DONMARIO	DM3932E	E3	R	3.9	BPS-SDS
DONMARIO	DM39F62	RXF	NA	3.9	CMBV
DONMARIO	DM40E62	E3	NA	4.0	CMBV
Dyna-Gro	S39XF41	RXF,ST	MR	3.9	EQV,SA
Dyna-Gro	S40XF21S	RXF,ST	R	4.0	EQV,SA
Dyna-Gro	S41EN72	E3	R	4.1	EQV,SA
FS HiSOY	39E10	E3	R	3.9	Treated
FS HiSOY	39F10	RXF	R	3.9	ACi,B-200
FS HiSOY	40F10	RXF	R	4.0	ACi,B-200
FS HiSOY	42E10	E3,ST	R	4.2	Treated
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
Hoegemeyer	3921 E	E3	R	3.9	Lum,Lu,IL
Hoegemeyer	4081 SE	E3,ST	R	4.0	Lum,Lu,IL
Lewis	3910XF	RXF	R	3.9	ACi
Lewis	4004XF	RXF	R	4.0	ACi
Lewis	4211XF	RXF	R	4.2	ACi
Lewis	4304XF	RXF	R	4.3	ACi
Midland Genetics	3921XFS	RXF	R	3.9	Edge-SST
Midland Genetics	3999E3	E3	R	3.9	Edge-SST
Midland Genetics	4221XFS	RXF	MR	4.2	Edge-SST
Midland Genetics	4260E3S	E3,ST	MR	4.2	Edge-SST
NK Brand	NK39-A1XF §	RXF	R	3.9	CMBV,SA
NK Brand	NK40-U7E3	E3	R	4.0	CMBV,SA
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
Pioneer	P41T07E CK	E3	MR	4.1	NA
Stine	39EC22 §	E3	R	3.9	SFI
Stine	40EC20 §	E3	R	4.0	SFI
Xitavo	XO 3861E	E3,ST	R	3.8	PV,IL,OB

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB
Xitavo	XO 4132E	E3	R	4.1	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
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®
BPS-SDS	Burrus PowerShield® SDS
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Saltro® (Midland Genetics)
EQV,SA	Equity VIP, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.