

2023 Soybeans Top 30 Region Summary for Missouri North [MONO]

All-Season Test
Maturity Group 3.2 - 4.3
S2023MONO

Top 30 of 63
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
ASGROW	AG33XF3 § ↗	RXF	3.3	R	71.2	33.6	20.1	11.3	2	926	1	70.9	77.9	77.5	58.5
BURRUS	3966E ↗	E3	3.9	R	70.9	33.8	20.1	11.2	2	922	2	68.0	72.5	72.7	70.4
AGVENTURE	AV 38A1E ↗	E3	3.8	MR	70.3	33.5	20.2	11.2	2	915	3	66.5	69.4	77.5	68.0
NUTECH	37N03E ↗	E3	3.7	R	70.3	33.5	20.2	11.6	4	914	4	71.6	70.6	75.7	63.2
GOLDEN HARVEST	GH4093E3 ↗	E3	4.0	R	70.1	34.0	19.7	11.5	2	911	5	71.1	69.5	73.9	65.9
HOEGEMEYER	3894 E ↗	E3	3.8	R	69.9	33.6	20.0	11.3	3	910	6	70.7	68.2	73.4	67.5
NK BRAND	NK37-C1E3 § ↗	E3	3.7	R	69.8	33.0	20.0	11.5	2	907	7	69.0	68.5	74.0	67.7
LEWIS	4035XF ↗	RXF	4.0	R	69.3	33.0	18.8	11.9	4	902	8	74.5	72.7	65.5	64.7
FS HISOY	HS 39F30 ↗	RXF	3.9	R	69.3	33.6	19.7	11.2	2	901	9	74.7	68.1	72.2	62.2
DONMARIO	DM34E11 ↗	E3	3.4	R	69.1	33.4	20.0	11.5	2	898	10	67.9	66.8	74.5	67.2
NUTECH	36N04E ↗	E3	3.6	R	69.1	33.0	19.7	11.2	2	898	11	68.1	69.5	73.4	65.3
NUTECH	39N07E ↗	E3	3.9	R	68.9	34.0	19.4	11.3	4	896	12	63.7	68.6	71.0	72.3
XITAVO	XO 3922E ↗	E3	3.9	R	68.8	33.5	20.1	11.4	2	895	13	79.7	66.2	66.7	62.7
XITAVO	XO 3752E ↗	E3,ST	3.7	R	68.8	34.4	20.0	11.2	2	895	14	67.4	73.0	72.0	62.9
LEWIS	3834XF ↗	RXF	3.8	R	68.8	33.2	19.0	11.2	4	894	15	72.6	71.8	69.8	61.0
PIONEER	P37A18E § ↗	E3	3.7	MR	68.8	33.1	20.4	11.4	2	894	16	60.6	68.8	74.0	71.6
GOLDEN HARVEST	GH3774E3 § ↗	E3	3.7	R	68.7	33.4	19.9	11.5	2	894	17	64.0	67.8	76.2	66.9
FS HISOY	HS 41F30 ↗	RXF,ST	4.1	R	68.7	33.5	19.7	11.4	3	893	18	72.4	73.8	67.3	61.3
AGVENTURE	AV 41Y5E ↗	E3	4.1	MR	68.6	33.7	19.3	11.3	6	892	19	70.0	69.1	77.2	58.1
FS HISOY	HS 35E10 ↗	E3	3.5	R	68.6	33.5	20.3	11.6	5	892	20	64.6	76.9	73.7	59.1
DYNA-GRO	S35XF44 ↗	RXF	3.5	R	68.4	34.5	19.1	11.7	1	889	21	61.4	72.6	77.4	62.1
XITAVO	XO 3803E ↗	E3,ST	3.8	MR	68.3	33.6	20.1	11.9	12	888	22	73.5	70.8	68.0	60.9
ASGROW	AG39XF3 § ↗	RXF	3.9	R	68.2	33.7	18.7	11.1	2	887	23	67.5	71.7	71.0	62.6
FS HISOY	HS 34F30 ↗	RXF	3.4	R	68.1	34.2	19.2	11.4	2	885	24	60.8	74.0	78.9	58.7
AGVENTURE	AV 39Y3E ↗	E3	3.9	MR	68.1	33.8	19.8	11.3	3	885	25	63.8	69.2	74.7	64.7
FS HISOY	HS 43E30 ↗	E3,ST	4.3	R	68.0	33.2	19.6	11.8	5	884	26	70.1	68.8	72.1	61.1
XITAVO	XO 3651E ↗	E3	3.6	R	68.0	33.8	20.0	11.4	2	884	28	71.4	68.3	72.3	60.0
PROHARVEST	39E40S ↗	E3,ST	3.9	R	68.0	34.5	19.7	11.4	3	884	27	78.3	66.3	65.4	62.0
NUTECH	42N05E ↗	E3	4.2	R	67.9	34.0	19.2	11.7	5	883	29	68.3	76.4	63.6	63.3
DYNA-GRO	S38XF22S ↗	RXF,ST	3.8	MR	67.9	32.9	19.9	11.2	4	882	30	67.4	69.0	74.2	60.8

William Schelp

Averages =	67.0	33.7	19.7	11.5	4	871	68.3	69.1	69.5	61.0
LSD (0.10) =	4.0	0.5	0.3	ns	3		3.7	3.4	4.1	4.7
LSD (0.25) =	2.1	0.2	0.2	ns	1		2.0	1.8	2.1	2.5

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Prev. years average yield for region: 55.19 bu/a, 5 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.04 Prices: GMO = \$13.00

† 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. ↗ Links to product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location.

Additional reports available at www.firstseedtests.com

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Report Date: 10/19/2023 Revised: 01/09/2024 Protein and oil content results added.

2023 Soybeans - Missouri North [MONO]

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV 34Y9E	E3	R	3.4	Lum,Lu,IL
AgVenture	AV 38A1E	E3	MR	3.8	Lum,Lu,Lud,IL
AgVenture	AV 39Y3E	E3	MR	3.9	F,I,SA
AgVenture	AV 41Y5E	E3	MR	4.1	F,I,SA
AgVenture	AV 42A1E	E3	MR	4.2	Lum,Lu,Lud,IL
Apex	AE3920	E3	R	3.9	N-COMP+
Apex	AE4120	E3	R	4.1	N-COMP+
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG35XF3 GC	RXF	R	3.5	ACi,IL
Asgrow	AG3623XF GC	RXF	R	3.6	ACi,IL
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Burrus	3886F	RXF	R	3.8	BPS-SDS
Burrus	3966E	E3	R	3.9	BPS-SDS
DONMARIO	DM34E11	E3	R	3.4	BPS-SDS
DONMARIO	DM36F84S	RXF,ST	R	3.6	CMB-APX,SA
DONMARIO	DM40E44	E3	R	4.0	CMB-APX,SA
Dyna-Gro	S35XF44	RXF	R	3.5	EQ,VA,Sa
Dyna-Gro	S37ES52	E3,ST	R	3.7	EQV,Sa,Va
Dyna-Gro	S38XF22S	RXF,ST	MR	3.8	EQV,Sa,Va
Dyna-Gro	S40XF21S	RXF,ST	R	4.0	EQ,VA,Sa
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
FS HiSOY	HS 34F30	RXF	R	3.4	ACi,SA
FS HiSOY	HS 35E10	E3	R	3.5	ACi,SA
FS HiSOY	HS 38E20	E3,ST	R	3.8	ACi,SA
FS HiSOY	HS 39F30	RXF	R	3.9	ACi,SA
FS HiSOY	HS 41E20	E3	R	4.1	ACi,SA
FS HiSOY	HS 41F30	RXF,ST	R	4.1	ACi,SA
FS HiSOY	HS 42F10	RXF	R	4.2	ACi,SA
FS HiSOY	HS 43E30	E3,ST	R	4.3	ACi,SA
Golden Harvest	GH3774E3 §	E3	R	3.7	CMB-APX,SA
Golden Harvest	GH3994E3 §	E3	MR	3.9	CMB-APX,SA
Golden Harvest	GH4093E3	E3	R	4.0	CMB-APX,SA
Golden Harvest	GH4214E3S	E3,ST	MR	4.2	CMB-APX,SA
Hoegemeyer	3894 E	E3	R	3.8	Lum,Lu,IL
Hoegemeyer	4234 E	E3	R	4.2	Lum,Lu,IL
Lewis	3513XF	RXF	R	3.5	ACi,IL
Lewis	3834XF	RXF	R	3.8	ACi,IL
Lewis	4035XF	RXF	R	4.0	ACi,IL
Lewis	4304XF	RXF	R	4.3	ACi,IL
NK Brand	NK37-C1E3 §	E3	R	3.7	CMB-APX,SA
NK Brand	NK39-J2E3	E3	MR	3.9	CMB-APX,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	33N04E	E3	R	3.3	Lum,Lu,IL
NuTech	34N02E	E3	R	3.4	Lum,Lu,IL
NuTech	36N04E	E3	R	3.6	Lum,Lu,IL
NuTech	37N03E	E3	R	3.7	Lum,Lu,IL
NuTech	39N07E	E3	R	3.9	Lum,Lu,IL
NuTech	42N05E	E3	R	4.2	Lum,Lu,IL
Pioneer	P37A18E §	E3	MR	3.7	NA
Pioneer	P38A54E §	E3	NA	3.8	NA
Pioneer	P42A84E §	E3	R	4.2	NA
ProHarvest	39E40S	E3,ST	R	3.9	PU
Stine	37EG23 §	E3	R	3.7	ACi
Stine	37FD02 §	RXF	R	3.7	ACi
Stine	40FD29 §	RXF	R	4.0	ACi
Xitavo	XO 3483E	E3	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB,Rey
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB,Rey
Xitavo	XO 3803E	E3,ST	MR	3.8	PV,IL,OB,Rey
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB,Rey
Xitavo	XO 4084E	E3,ST	R	4.0	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB,Rey
Xitavo	XO 4364E	E3,ST	R	4.3	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®
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®
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EQ,VA,Sa	Equity VAYO, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis®
F,I,SA	Fungicide, Insecticide, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
N-COMP+	N-COMPASS F/I SDS-WM
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®

* Seed treatments may include unspecified plant health promoting components.