

2022 Soybeans Top 30 Region Summary for Missouri North [MONO]

Early-Season Test Maturity Group 3.2 - 3.7

Top 29 of 29

S2022MONOa

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	St. Joseph	Trenton
HOEGEMEYER	3413 E ↗	E3	3.4	R	64.2	34.4	20.6	9.3	6	884	1	63.9	37.9	78.0	77.2
GOLDEN HARVEST	GH3762E3S § ↗	E3,ST	3.7	MR	62.8	34.0	20.1	9.5	11	864	2	61.5	30.3	82.2	77.2
HOEGEMEYER	3591 E ↗	E3	3.5	R	62.7	34.3	20.7	9.5	2	862	3	67.6	30.5	73.3	79.3
FS HISOY	HS 33E20 ↗	E3,ST	3.3	R	62.2	35.3	20.5	9.2	8	855	4	62.6	31.4	79.0	75.7
NUTECH	35N03E ↗	E3	3.5	R	62.2	34.3	20.8	9.4	3	855	5	66.6	29.2	74.7	78.1
XITAVO	XO 3752E ↗	E3	3.7	R	61.9	35.2	20.0	9.2	9	852	6	61.1	31.8	74.6	80.3
DYNA-GRO	S35XF72 ↗	RXF	3.5	R	61.9	34.5	20.3	9.3	2	851	7	62.1	34.9	73.8	76.8
NUTECH	34N02E ↗	E3	3.4	R	61.7	34.2	21.0	9.3	7	849	8	62.7	38.5	71.7	74.0
XITAVO	XO 3651E ↗	E3	3.6	R	61.7	34.7	20.1	9.3	2	848	9	63.4	34.6	74.9	73.8
FS HISOY	HS 34F00 ↗	RXF	3.4	R	61.5	33.9	19.7	9.2	2	845	10	62.7	35.0	72.5	75.6
DYNA-GRO	S37ES52 ↗	E3,ST	3.7	R	61.4	35.2	20.0	9.3	6	845	11	63.5	32.3	75.2	74.8
NK BRAND	NK37-V4E3S ↗	E3,ST	3.7	MR	61.1	34.1	19.9	9.5	8	841	12	59.9	26.6	80.2	77.9
STINE	34EA12 § ↗	E3	3.4	R	61.1	33.9	20.3	9.5	4	841	13	65.4	32.7	72.4	74.0
ASGROW	AG35XF1 § ↗	RXF	3.5	R	60.6	35.2	19.8	9.2	4	833	14	60.6	28.8	75.6	77.3
PIONEER	P37T33E § ↗	E3	3.7	MR	60.6	35.7	19.6	9.5	5	832	15	60.4	31.3	75.2	75.3
NUTECH	37N01E ↗	E3	3.7	R	60.0	35.1	19.8	9.4	5	825	16	60.2	31.1	76.2	72.3
LEWIS	3623XF ↗	RXF	3.6	R	59.8	34.4	19.4	9.3	2	823	17	62.5	34.4	72.9	69.6
DONMARIO	DM37E43S ↗	E3,ST	3.7	R	59.8	35.7	18.8	9.3	8	822	18	60.8	39.2	69.2	69.9
ASGROW	AG32XF2 § ↗	RXF	3.2	R	59.7	35.0	19.4	9.4	4	821	19	61.3	37.1	75.2	65.3
NK BRAND	NK36-H9E3S § ↗	E3,ST	3.6	R	59.7	35.0	20.3	9.2	7	821	20	66.2	30.4	67.8	74.4
LEWIS	3513XF ↗	RXF	3.5	R	59.4	34.7	20.1	9.3	2	817	21	62.1	25.0	77.8	72.7
XITAVO	XO 3341E ↗	E3	3.3	R	59.1	35.1	20.5	9.4	5	813	22	55.5	31.6	80.3	69.1
LEWIS	3713XF ↗	RXF	3.7	R	59.1	35.8	19.0	9.1	9	812	23	60.1	34.5	69.0	72.7
STINE	32EE21 § ↗	E3	3.2	R	58.8	35.0	20.7	9.3	12	808	24	59.7	32.3	74.6	68.4
DYNA-GRO	S37XF33 ↗	RXF	3.7	MR	58.1	34.0	19.4	9.3	6	799	25	60.7	19.6	78.0	74.0
PIONEER	P32T26E § ↗	E3	3.2	NA	54.9	34.5	20.3	9.5	10	755	27	59.2	23.2	69.1	68.0
FS HISOY	HS 35E10 ↗	E3	3.5	R	54.8	34.9	20.7	9.3	7	754	28	60.7	26.0	61.6	70.8
FS HISOY	HS 35F20 ↗	RXF	3.5	R	52.5	34.2	19.9	9.3	11	721	29	58.0	16.6	62.4	72.8
PIONEER	P38T76E CK ↗	E3	3.8	NA	57.2	34.4	20.2	9.3	7	787	26	61.7	25.2	74.0	67.9
PIONEER	P38T76E CK	E3	3.8	NA	57.2	34.4	20.2	9.3	7	787	26	61.7	25.2	74.0	67.9
					Averages =	60.0	34.7	20.1	9.3	6	825	61.8	30.8	73.8	73.6
					LSD (0.10) =	3.6	0.5	0.4	ns	3		2.7	3.7	5.5	4.0
					LSD (0.25) =	1.9	0.3	0.2	ns	2		1.4	1.9	2.9	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 = \$0.04 Prices: GMO = \$13.75

† 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 full product yield results at www.firstseedtests.com. Oil and Protein values are average results of 1 sample per location.

Additional reports available at www.firstseedtests.com

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Report Date: 11/09/2022 Revised: 01/17/2023 Protein and oil results added

2022 Soybeans Top 30 Region Summary for Missouri North [MONO]

Full-Season Test Maturity Group 3.8 - 4.3

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S2022MONOb

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	St. Joseph	Trenton
DYNA-GRO	S38XF22S ↗	RXF,ST	3.8	MR	64.8	32.4	20.2	9.2	5	890	1	62.2	34.3	79.7	82.8
FS HISOY	HS 40F20 ↗	RXF	4.0	R	64.4	34.2	19.4	9.2	3	885	2	60.6	35.8	80.6	80.4
GOLDEN HARVEST	GH4093E3 ↗	E3	4.0	R	64.2	34.1	19.9	9.1	3	884	3	61.7	30.6	81.5	83.2
GOLDEN HARVEST	GH3902E3S ↗	E3,ST	3.9	R	63.9	33.1	20.4	9.3	10	879	4	59.9	32.2	86.7	76.9
AGVENTURE	AV39Y3E ↗	E3	3.9	MR	63.9	34.4	19.9	9.2	8	878	5	67.5	34.2	79.0	74.8
NK BRAND	NK40-P5E3 § ↗	E3	4.0	R	63.8	33.8	20.3	9.1	3	877	6	63.7	31.2	77.1	83.2
XITAVO	XO 3861E ↗	E3	3.8	R	63.7	34.4	20.2	9.1	2	876	7	66.6	30.4	78.7	79.2
GOLDEN HARVEST	GH3913XF § ↗	RXF	3.9	R	63.6	34.1	19.5	9.1	2	874	8	62.2	27.6	83.8	80.7
PIONEER	P42A84E § ↗	E3	4.2	R	63.3	34.3	19.1	9.2	3	871	9	60.7	35.2	80.1	77.2
FS HISOY	HS 38E20 ↗	E3,ST	3.8	R	63.2	33.8	20.5	9.2	12	869	10	63.5	30.3	81.4	77.5
STINE	38EF32 § ↗	E3	3.8	R	62.9	33.9	20.2	9.2	11	865	11	62.3	34.9	77.4	77.1
HOEGEMEYER	3953 E ↗	E3	3.9	R	62.3	33.8	20.3	9.1	4	857	12	59.6	32.3	76.5	80.7
LEWIS	3834XF ↗	RXF	3.8	R	61.8	34.2	19.5	9.3	8	850	13	58.4	33.6	83.8	71.4
ASGROW	AG39XF3 § ↗	RXF	3.9	R	61.8	33.9	19.4	9.3	8	850	14	56.8	35.9	76.5	78.0
LEWIS	4304XF ↗	RXF	4.3	R	61.6	34.0	19.2	9.2	6	847	15	57.3	36.6	79.5	73.1
ASGROW	AG40XF1 § ↗	RXF,ST	4.0	R	61.5	33.6	19.5	9.3	7	845	16	55.6	33.2	79.3	77.8
NUTECH	39N07E ↗	E3	3.9	R	61.3	34.2	20.0	9.2	5	842	17	60.9	32.0	75.3	76.8
AGVENTURE	AV41Y5E ↗	E3	4.1	MR	60.8	34.0	20.0	9.1	15	836	18	60.8	30.7	75.8	76.0
XITAVO	XO 4132E ↗	E3	4.1	R	60.7	34.5	19.7	9.3	10	834	19	61.5	34.2	73.6	73.4
DONMARIO	DM41F33S ↗	RXF,ST	4.1	R	60.6	34.8	19.1	9.1	7	833	20	61.9	30.4	78.2	71.9
NUTECH	40N02E ↗	E3	4.0	R	60.5	34.4	19.7	9.1	10	831	21	60.9	28.9	80.0	72.0
XITAVO	XO 3922E ↗	E3	3.9	R	60.4	33.5	20.6	9.3	5	831	22	63.3	29.0	72.9	76.5
FS HISOY	HS 41E20 ↗	E3	4.1	R	60.3	33.7	20.2	9.3	8	830	23	61.8	31.3	78.6	69.7
NK BRAND	NK39-T5E3S ↗	E3,ST	3.9	R	60.3	33.3	20.2	9.5	10	829	24	57.9	31.6	77.5	74.2
DONMARIO	DM41E73 ↗	E3	4.1	R	60.2	35.1	18.9	9.3	8	828	25	58.6	33.4	76.2	72.6
DYNA-GRO	S41EN72 ↗	E3	4.1	R	60.0	34.2	19.9	9.2	9	825	26	63.9	29.2	76.0	70.8
NUTECH	39N04E ↗	E3	3.9	R	59.8	34.0	20.4	9.3	7	822	27	59.1	32.1	76.4	71.6
NUTECH	43N04E ↗	E3	4.3	R	59.8	34.0	20.0	9.2	10	822	28	61.0	30.1	74.8	73.1
LEWIS	3910XF ↗	RXF	3.9	R	59.7	34.6	19.3	9.2	2	820	29	62.6	31.8	73.4	70.8
HOEGEMEYER	4123 E ↗	E3	4.1	R	59.5	34.3	19.9	9.2	12	818	30	60.2	28.9	72.7	76.0
PIONEER	P38T76E CK	E3	3.8	NA	57.6	33.8	20.4	9.2	9	792	36	60.3	29.0	71.8	69.2

William Schelp

Averages =	61.2	34.0	19.9	9.2	7	842	60.9	31.6	77.2	75.2
LSD (0.10) =	2.9	0.6	0.4	ns	5		2.5	3.7	4.7	3.6
LSD (0.25) =	1.5	0.3	0.2	ns	3		1.3	1.9	2.5	1.9

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2022 Soybeans - Missouri North [MONO]

Early-Season Test Products (29 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG32XF2 §	RXF	R	3.2	ACi,IL
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
DONMARIO	DM37E43S	E3,ST	R	3.7	CMBV
Dyna-Gro	S35XF72	RXF	R	3.5	EQV,Sa,Va
Dyna-Gro	S37ES52	E3,ST	R	3.7	EQV,Sa,Va
Dyna-Gro	S37XF33	RXF	MR	3.7	EQV,Sa,Va
FS HiSOY	HS 33E20	E3,ST	R	3.3	ACi,SA,B-200
FS HiSOY	HS 34F00	RXF	R	3.4	ACi,SA,B-200
FS HiSOY	HS 35E10	E3	R	3.5	ACi,SA,B-200
FS HiSOY	HS 35F20	RXF	R	3.5	ACi,SA,B-200
Golden Harvest	GH3762E3S §	E3,ST	MR	3.7	CMBV,SA
Hoegemeyer	3413 E	E3	R	3.4	Lum,Lu,IL
Hoegemeyer	3591 E	E3	R	3.5	Lum,Lu,IL
Lewis	3513XF	RXF	R	3.5	ACi
Lewis	3623XF	RXF	R	3.6	ACi
Lewis	3713XF	RXF	R	3.7	ACi
NK Brand	NK36-H9E3S §	E3,ST	R	3.6	CMBV,SA
NK Brand	NK37-V4E3S	E3,ST	MR	3.7	CMBV,SA
NuTech	34N02E	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	P32T26E §	E3	NA	3.2	NA
Pioneer	P37T33E §	E3	MR	3.7	NA
Pioneer	P38T76E CK	E3	NA	3.8	NA
Stine	32EE21 §	E3	R	3.2	SFI
Stine	34EA12 §	E3	R	3.4	SFI
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB,Rey
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB,Rey
Xitavo	XO 3752E	E3	R	3.7	PV,IL,OB,Rey

2022 Soybeans - Missouri North [MONO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV38V3E	E3	MR	3.8	F,I,SA
AgVenture	AV39Y3E	E3	MR	3.9	F,I,SA
AgVenture	AV41Y5E	E3	MR	4.1	F,I,SA
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi
DONMARIO	DM3932E	E3	R	3.9	CMBV
DONMARIO	DM41E73	E3	R	4.1	CMBV
DONMARIO	DM41F33S	RXF,ST	R	4.1	CMBV
Dyna-Gro	S38XF22S	RXF,ST	MR	3.8	EQV,Sa,Va
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
FS HiSOY	HS 38E20	E3,ST	R	3.8	ACi,SA,B-200
FS HiSOY	HS 38F20	RXF	R	3.8	ACi,SA,B-200
FS HiSOY	HS 40F20	RXF	R	4.0	ACi,SA,B-200
FS HiSOY	HS 41E20	E3	R	4.1	ACi,SA,B-200
Golden Harvest	GH3902E3S	E3,ST	R	3.9	CMBV,SA
Golden Harvest	GH3913XF §	RXF	R	3.9	CMBV,SA
Golden Harvest	GH4093E3	E3	R	4.0	CMBV,SA
Hoegemeyer	3953 E	E3	R	3.9	Lum,Lu,IL
Hoegemeyer	4123 E	E3	R	4.1	Lum,Lu,IL
Lewis	3834XF	RXF	R	3.8	ACi
Lewis	3910XF	RXF	R	3.9	ACi
Lewis	4304XF	RXF	R	4.3	ACi
NK Brand	NK39-T5E3S	E3,ST	R	3.9	CMBV,SA
NK Brand	NK40-P5E3 §	E3	R	4.0	CMBV,SA
NuTech	39N04E	E3	R	3.9	Lum,Lu,IL
NuTech	39N07E	E3	R	3.9	Lum,Lu,IL
NuTech	40N02E	E3	R	4.0	Lum,Lu,IL
NuTech	43N04E	E3	R	4.3	Lum,Lu,IL
Pioneer	P38T76E CK	E3	NA	3.8	NA
Pioneer	P42A84E §	E3	R	4.2	NA
Stine	38EF32 §	E3	R	3.8	SFI
Stine	41EE62 §	E3	R	4.1	SFI
Xitavo	XO 3861E	E3	R	3.8	PV,IL,OB,Rey
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB,Rey
Xitavo	XO 4371E	E3	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	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Saltro®, B-200 SAT
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis
F,I,SA	Fungicide, Insecticide, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I

* Seed treatments may include unspecified plant health promoting components.