

2022 Soybeans Top 30 Region Summary for Missouri Central [MOCE]

Early-Season Test
Maturity Group 3.4 - 3.9
S2022MOCEa

Top 30 of 36

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	New Franklin No Results	Perry	Portage Des Sioux	Sweet Springs
MIDLAND GENETICS	38X63 ↗	RXF,ST	3.7	MR	59.5	32.1	20.9	10.0	7	819	1		52.8	74.9	50.9
FS HISOY	HS 37E10 ↗	E3,ST	3.7	R	57.8	33.8	20.6	10.1	7	795	2		56.3	73.9	43.2
NUTECH	37N01E ↗	E3	3.7	R	57.5	34.5	20.1	10.0	2	791	3		61.5	66.1	45.0
DONMARIO	DM3932E ↗	E3	3.9	R	57.4	33.4	20.1	10.1	7	789	4		55.2	69.9	47.0
BURRUS	3886F ↗	RXF	3.8	R	57.3	33.4	20.6	10.0	3	787	5		57.6	71.3	42.8
DYNA-GRO	S37ES52 ↗	E3,ST	3.7	R	57.0	34.0	21.2	10.1	7	784	6		54.9	72.2	43.9
MIDLAND GENETICS	39E83 ↗	E3,ST	3.9	MR	56.8	33.0	20.5	10.3	11	782	7		54.4	64.6	51.6
ASGROW	AG39XF3 § ↗	RXF	3.9	R	56.5	33.4	19.7	10.0	6	777	9		52.1	69.0	48.4
MIDLAND GENETICS	3742 E3S ↗	E3,ST	3.7	R	56.4	34.8	20.8	10.1	6	776	10		53.9	71.9	43.5
NUTECH	39N07E ↗	E3	3.9	R	56.4	33.8	20.3	9.9	3	775	11		56.7	71.1	41.4
NUTECH	35N03E ↗	E3	3.5	R	55.7	34.1	20.7	10.2	7	766	12		55.7	65.7	45.8
LEWIS	3834XF ↗	RXF	3.8	R	55.7	33.2	20.2	10.2	5	765	13		55.8	65.3	45.9
XITAVO	XO 3861E ↗	E3	3.8	R	55.6	33.6	20.3	9.9	3	765	14		54.6	67.2	45.0
AGVENTURE	AV39Y3E ↗	E3	3.9	MR	55.1	34.2	20.3	9.5	4	758	15		55.3	69.1	41.1
DYNA-GRO	S38XF22S ↗	RXF,ST	3.8	MR	54.6	32.0	20.5	10.1	8	750	16		51.0	66.6	46.1
PIONEER	P37T33E § ↗	E3	3.7	MR	54.3	34.5	20.2	10.1	3	747	17		54.5	62.7	45.8
GOLDEN HARVEST	GH3762E3S § ↗	E3,ST	3.7	MR	53.9	33.1	20.6	10.4	5	741	18		49.6	67.0	45.0
GOLDEN HARVEST	GH3902E3S ↗	E3,ST	3.9	R	53.5	33.7	20.9	10.3	9	736	19		52.3	65.0	43.2
XITAVO	XO 3651E ↗	E3	3.6	R	53.4	33.7	20.9	10.2	5	735	20		51.6	66.9	41.8
LEWIS	3910XF ↗	RXF	3.9	R	53.4	33.8	19.8	10.3	6	735	21		55.9	63.7	40.7
MIDLAND GENETICS	3522XF ↗	RXF	3.5	MR	53.4	32.6	21.1	9.8	3	734	22		52.9	66.0	41.2
DYNA-GRO	S37XF33 ↗	RXF	3.7	MR	52.9	33.3	20.6	10.0	9	727	23		49.0	64.4	45.2
STINE	38EF32 § ↗	E3	3.8	R	52.7	34.0	20.7	10.2	10	725	24		51.2	61.7	45.2
LEWIS	3623XF ↗	RXF	3.6	R	52.5	33.3	19.4	9.8	4	722	25		56.5	58.7	42.4
AGVENTURE	AV38V3E ↗	E3	3.8	MR	52.5	33.4	20.9	10.1	7	722	26		50.8	62.3	44.5
XITAVO	XO 3752E ↗	E3	3.7	R	52.4	33.9	21.3	10.1	9	721	27		55.1	62.2	39.9
DONMARIO	DM37E43S ↗	E3,ST	3.7	R	52.4	34.8	20.0	10.3	6	720	28		52.8	62.3	42.0
FS HISOY	HS 38F20 ↗	RXF	3.8	R	52.2	33.6	20.8	10.0	8	718	29		49.3	63.1	44.3
FS HISOY	HS 38E20 ↗	E3,ST	3.8	R	52.2	33.6	20.2	10.5	10	718	30		53.5	59.9	43.2
PIONEER	P38T76E § ↗	E3	3.8	NA	52.2	33.3	20.9	10.0	5	717	31		50.7	59.9	45.9
PIONEER	P42A84E CK	E3	4.2	R	56.7	33.2	19.5	10.4	6	780	8		53.9	65.9	50.3
					Averages =	54.3	33.6	20.5	10.1	6	747		53.5	65.2	44.2
					LSD (0.10) =	3.6	0.8	0.6	ns	5			3.5	4.1	4.0
					LSD (0.25) =	1.9	0.4	0.3	ns	2			1.9	2.1	2.1

Lost to severe drought conditions

William Schelp

William Schelp

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Prev. years average yield for region: 57.61 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: 11/12/2022

Revised: 01/17/2023

Protein and oil results added

2022 Soybeans Top 30 Region Summary for Missouri Central [MOCE]

Full-Season Test

Maturity Group 4.0 - 4.5

S2022MOCEb

Top 30 of 32

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	New Franklin No Results	Perry	Portage Des Sioux	Sweet Springs
MIDLAND GENETICS	4260E3S ↗	E3,ST	4.2	MR	60.3	32.8	20.1	10.0	2	829	2		59.9	77.1	43.9
GOLDEN HARVEST	GH4155E3 ↗	E3	4.1	MR	60.3	32.6	20.4	9.9	2	828	3		55.6	74.1	51.0
LEWIS	4035XF ↗	RXF	4.0	R	59.6	33.1	20.0	9.9	8	819	4		55.8	73.8	49.2
GOLDEN HARVEST	GH4093E3 § ↗	E3	4.0	R	59.4	33.0	20.6	9.9	2	817	5		55.5	74.3	48.5
MIDLAND GENETICS	4082E3 ↗	E3	4.0	R	59.2	33.3	20.5	9.7	2	815	6		59.8	67.1	50.9
DONMARIO	DM41E73 ↗	E3	4.1	R	58.8	33.9	19.5	10.2	5	809	7		57.3	71.3	47.9
LEWIS	4304XF ↗	RXF	4.3	R	58.6	32.7	19.5	9.8	6	806	8		53.0	73.0	49.8
DONMARIO	DM41F33S ↗	RXF,ST	4.1	R	58.6	33.8	19.4	9.9	9	805	9		60.5	67.1	48.1
NUTECH	43N04E ↗	E3	4.3	R	58.1	32.7	20.4	9.9	5	799	10		61.5	64.9	47.9
FS HISOY	HS 42F10 ↗	RXF	4.2	R	57.8	32.3	20.7	9.9	11	794	11		57.4	67.4	48.5
DYNA-GRO	S42XF93S ↗	RXF,ST	4.2	MR	57.7	34.0	19.4	10.0	11	794	12		54.5	71.2	47.5
XITAVO	XO 4522E ↗	E3	4.5	R	57.7	33.7	19.4	9.8	3	793	13		56.2	71.7	45.1
XITAVO	XO 4132E ↗	E3	4.1	R	57.6	32.6	20.2	9.9	5	791	14		55.3	68.9	48.4
FS HISOY	HS 43E20 ↗	E3	4.3	R	57.5	34.0	20.0	9.9	4	790	15		60.7	65.4	46.3
NUTECH	40N02E ↗	E3	4.0	R	57.3	33.8	19.9	9.5	12	788	16		53.7	71.9	46.4
DYNA-GRO	S41EN72 ↗	E3	4.1	R	56.6	32.8	20.0	9.8	10	779	17		53.1	69.6	47.2
LEWIS	4211XF ↗	RXF,ST	4.2	R	56.3	33.5	18.9	10.0	5	775	18		55.0	68.2	45.8
NK BRAND	NK40-P5E3 ↗	E3	4.0	R	56.3	33.0	19.9	10.0	3	774	19		55.5	71.8	41.6
STINE	41EE62 § ↗	E3	4.1	R	56.0	32.6	20.5	9.6	6	770	20		54.6	65.0	48.3
NK BRAND	NK43-P7E3S § ↗	E3,ST	4.3	R	55.8	32.5	20.4	9.7	5	767	21		49.9	71.0	46.4
MIDLAND GENETICS	4422XF ↗	RXF	4.4	MR	55.6	33.8	19.1	10.0	8	765	22		50.8	68.0	48.1
ASGROW	AG40XF1 § ↗	RXF,ST	4.0	R	55.4	33.9	20.7	9.9	8	761	23		53.8	64.0	48.2
LEWIS	4533XF ↗	RXF	4.5	R	55.2	33.6	19.7	10.1	4	759	24		54.7	65.3	45.6
AGVENTURE	AV43V6E ↗	E3	4.3	MR	54.7	32.1	20.6	9.8	5	752	25		51.0	68.6	44.6
ASGROW	AG45XF3 § ↗	RXF,ST	4.5	R	54.2	33.2	19.5	10.1	4	746	26		51.3	63.9	47.5
STINE	44EE20 § ↗	E3	4.4	R	54.2	33.9	20.2	10.0	4	745	27		48.2	70.3	44.1
NUTECH	45N09E ↗	E3	4.5	R	54.1	32.6	20.4	10.1	8	745	28		55.9	63.1	43.5
FS HISOY	HS 44F20 ↗	RXF	4.4	R	53.5	33.7	20.1	9.9	6	735	29		54.9	62.8	42.7
XITAVO	XO 4371E ↗	E3	4.3	R	52.6	34.5	19.8	9.7	6	723	30		50.6	62.9	44.3
FS HISOY	HS 41E20 ↗	E3	4.1	R	51.3	32.7	20.1	9.9	8	705	31		46.7	61.2	45.9
PIONEER	P42A84E CK	E3	4.2	R	60.8	33.2	20.0	10.0	5	836	1		54.8	75.6	51.9
					Averages =	56.6	33.2	20.0	9.9	6	779		54.5	68.4	47.0
					LSD (0.10) =	3.6	0.9	0.6	ns	4			3.1	6.4	3.2
					LSD (0.25) =	1.9	0.5	0.3	ns	2			1.6	3.3	1.7

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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.

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2022 Soybeans - Missouri Central [MOCE]

Early-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
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Burrus	3886F	RXF	R	3.8	NA
DONMARIO	DM37E43S	E3,ST	R	3.7	CMBV
DONMARIO	DM3932E	E3	R	3.9	CMBV
Dyna-Gro	S37E52	E3,ST	R	3.7	EQV,Sa,Va
Dyna-Gro	S37XF33	RXF	MR	3.7	EQV,Sa,Va
Dyna-Gro	S38XF22S	RXF,ST	MR	3.8	EQV,Sa,Va
FS HiSOY	HS 37E10	E3,ST	R	3.7	ACi,SA,B-200
FS HiSOY	HS 37F00	RXF	R	3.7	ACi,SA,B-200
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
Golden Harvest	GH3762E3S §	E3,ST	MR	3.7	CMBV,SA
Golden Harvest	GH3902E3S	E3,ST	R	3.9	CMBV,SA
Lewis	3623XF	RXF	R	3.6	ACi
Lewis	3834XF	RXF	R	3.8	ACi
Lewis	3910XF	RXF	R	3.9	ACi
Midland Genetics	3522XF	RXF	MR	3.5	Edge-SST
Midland Genetics	3742 E3S	E3,ST	R	3.7	Edge-SST
Midland Genetics	38X63	RXF,ST	MR	3.7	Edge-SST
Midland Genetics	39E83	E3,ST	MR	3.9	Edge-SST
NK Brand	NK38-D2E3S	E3,ST	R	3.8	NA
NK Brand	NK39-T5E3S	E3,ST	R	3.9	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
NuTech	39N07E	E3	R	3.9	Lum,Lu,IL
Pioneer	P37T33E §	E3	MR	3.7	NA
Pioneer	P38T76E §	E3	NA	3.8	NA
Pioneer	P42A84E CK	E3	R	4.2	NA
Stine	38EF32 §	E3	R	3.8	SFI
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB,Rey
Xitavo	XO 3752E	E3	R	3.7	PV,IL,OB,Rey
Xitavo	XO 3861E	E3	R	3.8	PV,IL,OB,Rey

2022 Soybeans - Missouri Central [MOCE]

Full-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV41Y5E	E3	MR	4.1	F,I,SA
AgVenture	AV43V6E	E3	MR	4.3	F,I,SA
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi
Asgrow	AG45XF3 §	RXF,ST	R	4.5	ACi,IL
DONMARIO	DM41E73	E3	R	4.1	CMBV
DONMARIO	DM41F33S	RXF,ST	R	4.1	CMBV
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
Dyna-Gro	S42XF93S	RXF,ST	MR	4.2	EQV,Sa,Va
FS HiSOY	HS 41E20	E3	R	4.1	ACi,SA,B-200
FS HiSOY	HS 42F10	RXF	R	4.2	ACi,SA,B-200
FS HiSOY	HS 43E20	E3	R	4.3	ACi,SA,B-200
FS HiSOY	HS 44F20	RXF	R	4.4	ACi,SA,B-200
Golden Harvest	GH4093E3 §	E3	R	4.0	CMBV,SA
Golden Harvest	GH4155E3	E3	MR	4.1	CMBV,SA
Lewis	4035XF	RXF	R	4.0	NA
Lewis	4211XF	RXF,ST	R	4.2	ACi
Lewis	4304XF	RXF	R	4.3	ACi
Lewis	4533XF	RXF	R	4.5	ACi
Midland Genetics	4082E3	E3	R	4.0	Edge-SST
Midland Genetics	4260E3S	E3,ST	MR	4.2	Edge-SST
Midland Genetics	4422XF	RXF	MR	4.4	Edge-SST
NK Brand	NK40-P5E3	E3	R	4.0	CMBV,SA
NK Brand	NK43-P7E3S §	E3,ST	R	4.3	CMBV,SA
NuTech	40N02E	E3	R	4.0	Lum,Lu,IL
NuTech	43N04E	E3	R	4.3	Lum,Lu,IL
NuTech	45N09E	E3	R	4.5	Lum,Lu,IL
Pioneer	P42A84E CK	E3	R	4.2	NA
Stine	41EE62 §	E3	R	4.1	SFI
Stine	44EE20 §	E3	R	4.4	SFI
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB,Rey
Xitavo	XO 4371E	E3	R	4.3	PV,IL,OB,Rey
Xitavo	XO 4522E	E3	R	4.5	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 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, Salstro®, B-200 SAT
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Salstro®
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Salstro® (Midland Genetics)
EQV,Sa,Va	Equity VIP, Salstro®, Vayantis
F,I,SA	Fungicide, Insecticide, Salstro®
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.