

2024 Soybeans Top 30 Region Summary for Missouri Central [MOCE]

All-Season Test
Maturity Group 3.5 - 4.5
S2024MOCE

Top 30 of 61
For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	SCN	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Concordia	New Franklin	Perry	Portage Des Sioux
MUSTANG	39ES925 ↗	E3,ST	3.9	M	68.8	8.7	1	652	1	57.6	77.7	61.7	78.2
GOLDEN HARVEST	GH3774E3 ↗	E3	3.7	M	68.4	8.9	3	649	2	59.6	77.7	55.6	80.7
FS HISOY	HS 39E40 ↗	E3,ST	3.9	M	67.9	8.8	1	644	3	58.6	80.0	54.9	78.1
GREAT HEART	GT-3967XF ↗	RXF	3.9	R	67.7	8.7	11	642	4	57.8	84.1	53.1	75.7
PIONEER	P34A98E § ↗	E3	3.4	R	66.9	8.7	2	634	5	59.5	80.2	58.2	69.6
NUTECH	36N06E ↗	E3	3.6	M	66.7	8.8	4	632	6	59.2	78.8	55.3	73.3
AGVENTURE	AV42A1E ↗	E3	4.2	M	66.5	8.8	3	631	7	53.6	85.4	57.0	70.2
NUTECH	42N05E ↗	E3	4.2	M	66.2	8.7	3	628	8	55.3	78.5	59.2	71.9
FS HISOY	HS 41E40 ↗	E3,ST	4.1	M	65.9	8.7	1	625	9	53.7	74.8	60.2	75.0
GOLDEN HARVEST	GH4093E3 ↗	E3	4.0	M	65.9	8.8	5	625	10	62.8	78.2	54.2	68.6
BURRUS	3966E ↗	E3	3.9	M	65.6	8.8	2	622	11	58.3	73.7	56.6	73.7
BURRUS	4134E ↗	E3,ST	4.1	M	65.6	8.7	2	621	12	55.4	78.4	53.4	75.0
AGVENTURE	AV43B2BE ↗	E3,ST	4.3	M	65.3	8.7	2	619	13	54.5	80.1	55.8	70.9
MUSTANG	41E324 ↗	E3	4.1	M	64.9	8.7	6	616	14	52.3	78.6	55.2	73.6
FS HISOY	HS 37E40 ↗	E3	3.7	M	64.9	8.8	2	615	15	51.6	77.3	53.5	77.2
NUTECH	43N06E ↗	E3	4.3	M	64.4	8.8	7	611	16	56.1	81.2	49.8	70.6
DYNA-GRO	S38EN75 ↗	E3	3.8	M	64.4	8.8	1	610	17	57.2	76.4	49.6	74.3
NUTECH	37N03E ↗	E3	3.7	M	64.3	8.8	8	610	18	57.5	70.4	57.7	71.7
MUSTANG	38E825 ↗	E3	3.8	M	64.3	8.8	4	610	19	57.6	78.8	50.4	70.4
MUSTANG	XF38725 ↗	RXF	3.8	M	64.2	8.9	7	609	20	53.8	73.3	52.9	76.9
PIONEER	P37A18E § ↗	E3	3.7	MR	64.1	8.7	2	608	21	52.5	72.5	53.1	78.5
FS HISOY	HS 36F40 ↗	RXF	3.6	M	64.1	8.8	8	607	22	53.0	77.2	54.2	71.8
AGVENTURE	AV44B2E ↗	E3	4.4	M	63.8	8.8	8	605	23	54.4	70.6	52.4	77.8
NUTECH	38N05E ↗	E3	3.8	M	63.8	8.7	2	605	24	55.5	75.6	52.7	71.3
BURRUS	3647F ↗	RXF	3.6	M	63.7	8.8	4	605	25	53.6	77.2	52.2	72.0
DONMARIO	DM36E94 ↗	E3	3.6	M	63.6	8.8	10	603	26	58.1	70.1	53.3	72.9
XITAVO	XO 3655E ↗	E3,ST	3.6	M	63.3	8.8	7	600	27	55.1	73.6	54.6	69.8
STINE	35EG92 § ↗	E3	3.5	M	63.1	9.0	7	599	28	55.7	71.8	53.2	71.8
XITAVO	XO 3855E ↗	E3,ST	3.8	M	63.1	8.9	2	598	29	56.6	77.9	49.8	68.1
BURRUS	3767E ↗	E3	3.7	M	63.1	8.8	14	598	30	55.8	69.5	56.0	70.9

William Schelp

Averages =	63.0	8.8	6	597	55.0	73.8	52.8	70.1
LSD (0.10) =	3.3	0.1	5		3.1	5.2	3.7	4.7
LSD (0.25) =	1.7	0.0	3		1.6	2.7	1.9	2.5

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Prev. years average yield for region: 58.23 bu/a, 8 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.00 Prices: GMO = \$9.48

† 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.

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Report Date: 10/23/2024

2024 Soybeans - Missouri Central [MOCE]

All-Season Test Products (61 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV39B2E	E3	PK	3.9	Lum, LumT, IL
AgVenture	AV41Y5E	E3	M	4.1	Lum, LumT, IL
AgVenture	AV42A1E	E3	M	4.2	CMB-APX,SA
AgVenture	AV43B2BE	E3,ST	M	4.3	Lum, LumT, IL
AgVenture	AV44B2E	E3	M	4.4	Lum, LumT, IL
Asgrow	AG38XF3 §	RXF	R	3.8	ACi,IL
Asgrow	AG42XF4 §	RXF,ST	R	4.2	ACi,IL
Asgrow	AG44XF4 §	RXF,ST	R	4.4	ACi,IL
Burrus	3647F	RXF	M	3.6	BPS-SDS
Burrus	3767E	E3	M	3.7	BPS-SDS
Burrus	3966E	E3	M	3.9	BPS-SDS
Burrus	4134E	E3,ST	M	4.1	BPS-SDS
Burrus	4365E	E3,ST	M	4.3	BPS-SDS
DONMARIO	DM36E94	E3	M	3.6	F,I,B
DONMARIO	DM36F84S	RXF,ST	M	3.6	F,I,B
DONMARIO	DM38E54	E3	M	3.8	F,I,B
Dyna-Gro	S38EN75	E3	M	3.8	PLTM
Dyna-Gro	S41XF65	RXF	M	4.1	PLTM
FS HiSOY	HS 36E40	E3,ST	M	3.6	ACi,SA
FS HiSOY	HS 36F40	RXF	M	3.6	ACi,SA
FS HiSOY	HS 37E40	E3	M	3.7	ACi,SA
FS HiSOY	HS 39E40	E3,ST	M	3.9	F,I,NE
FS HiSOY	HS 39F30	RXF	M	3.9	F,I,NE
FS HiSOY	HS 41E40	E3,ST	M	4.1	F,I,NE
FS HiSOY	HS 42E40	E3	M	4.2	F,I,NE
FS HiSOY	HS 44E40	E3	M	4.4	F,I,NE
Golden Harvest	GH3774E3	E3	M	3.7	CMB-APX,SA
Golden Harvest	GH4093E3	E3	M	4.0	CMB-APX,SA
Golden Harvest	GH4214E3S	E3,ST	M	4.2	CMB-APX,SA
Golden Harvest	GH4433E3S	E3,ST	M	4.4	CMB-APX,SA
Great Heart	GT-3967XF	RXF	R	3.9	Gr+
Great Heart	GT-3972E	E3	R	3.9	Gr+
Great Heart	GT-4320ES	E3,ST	R	4.3	Gr+
Great Heart	GT-4460XF	RXF	R	4.4	Gr+
Mustang	38E825	E3	M	3.8	CMB-APX,SA
Mustang	39ES925	E3,ST	M	3.9	CMB-APX,SA
Mustang	41E324	E3	M	4.1	CMB-APX,SA
Mustang	XF38725	RXF	M	3.8	CMB-APX,SA
Mustang	XF42724	RXF	M	4.2	CMB-APX,SA
NK Brand	NK39-J2E3 §	E3	M	3.9	CMB-APX,SA
NK Brand	NK40-P5E3 §	E3	M	4.0	CMB-APX,SA
NK Brand	NK42-A6E3S §	E3,ST	M	4.2	CMB-APX,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NK Brand	NK44-Q5E3S	E3,ST	M	4.4	CMB-APX,SA
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL
NuTech	36N06E	E3	M	3.6	Lum, LumT, IL
NuTech	37N03E	E3	M	3.7	Lum, LumT, IL
NuTech	38N05E	E3	M	3.8	Lum, LumT, IL
NuTech	39N08E	E3	PK	3.9	Lum, LumT, IL
NuTech	42N05E	E3	M	4.2	Lum, LumT, IL
NuTech	43N06E	E3	M	4.3	Lum, LumT, IL
NuTech	45N10E	E3	M	4.5	Lum, LumT, IL
Pioneer	P34A98E §	E3	R	3.4	Lum, LumT, IL
Pioneer	P37A18E §	E3	MR	3.7	Lum, LumT, IL
Pioneer	P42A84E §	E3	R	4.2	Lum, LumT, IL
Stine	35EG92 §	E3	M	3.5	TFX1,SA
Stine	37EG23 §	E3	M	3.7	TFX1,SA
Stine	42EG23 §	E3	M	4.2	TFX1,SA
Xitavo	XO 3655E	E3,ST	M	3.6	PV,IL,OB,Rey
Xitavo	XO 3705E	E3	M	3.7	PV,IL,OB,Rey
Xitavo	XO 3855E	E3,ST	M	3.8	PV,IL,OB,Rey
Xitavo	XO 4255E	E3,ST	M	4.2	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 Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
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®
F,I,B	Fungicide, Insecticide, Biological
F,I,NE	Fungicide, Insecticide, Nematicide
Gr+	Great Start Max Plus (Great Heart Seed)
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PLTM	DynaGro PLTM
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro

* Seed treatments may include unspecified plant health promoting components.