

2023 Soybeans Top 30 Region Summary for Missouri Central [MOCE]

All-Season Test

Maturity Group 3.5 - 4.5

S2023MOCE

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	Perry	Portage Des Sioux	Sweet Springs	Tina
AGVENTURE	AV 38A1E ↗	E3	3.8	MR	63.9	34.5	19.9	11.2	2	831	1	55.5	77.3	58.9	63.8
GOLDEN HARVEST	GH4093E3 § ↗	E3	4.0	R	62.4	34.6	19.4	11.6	2	812	2	57.9	73.5	56.0	62.2
LEWIS	3834XF ↗	RXF	3.8	R	62.2	34.1	18.8	11.3	4	809	3	53.7	76.8	57.4	61.0
ASGROW	AG39XF3 § ↗	RXF	3.9	R	61.5	34.1	18.8	11.4	3	800	4	52.2	67.9	61.4	64.5
NK BRAND	NK40-P5E3 § ↗	E3	4.0	R	61.3	34.6	19.4	11.4	2	797	5	53.6	75.4	52.9	63.2
PIONEER	P37A18E § ↗	E3	3.7	MR	61.2	34.3	19.9	11.3	2	796	6	51.9	71.6	59.0	62.2
NK BRAND	NK42-A6E3S § ↗	E3,ST	4.2	MR	61.1	33.8	19.7	11.7	6	795	7	56.6	74.5	50.3	63.2
NUTECH	37N03E ↗	E3	3.7	R	61.0	34.7	19.8	11.2	2	792	8	55.0	70.6	58.1	60.1
NUTECH	42N05E ↗	E3	4.2	R	60.8	35.3	18.7	11.5	2	791	9	53.8	71.7	53.5	64.4
BURRUS	3966E ↗	E3	3.9	R	60.8	34.6	19.8	11.3	1	790	10	52.3	73.4	56.5	60.9
AGVENTURE	AV 41Y5E ↗	E3	4.1	MR	60.7	34.5	19.4	11.1	6	789	11	51.1	73.4	56.9	61.4
NUTECH	36N04E ↗	E3	3.6	R	60.4	34.0	19.4	11.4	1	785	12	53.0	68.1	57.8	62.7
FS HISOY	HS 43E30 ↗	E3,ST	4.3	R	60.3	33.6	19.6	11.3	5	784	13	57.1	71.1	54.2	58.8
STINE	40FD29 § ↗	RXF	4.0	R	60.2	34.2	18.4	11.5	4	783	14	50.9	72.4	55.0	62.6
NUTECH	45N09E ↗	E3	4.5	R	60.2	33.7	19.4	11.3	4	782	15	53.7	68.4	57.4	61.2
ASGROW	AG40XF1 § ↗	RXF,ST	4.0	R	60.0	34.0	19.3	11.5	3	780	16	52.7	77.1	55.1	55.2
AGVENTURE	AV 39Y3E ↗	E3	3.9	MR	59.9	35.0	19.3	11.4	3	778	18	50.7	74.3	52.8	61.7
GOLDEN HARVEST	GH4214E3S ↗	E3,ST	4.2	MR	59.8	33.4	19.7	11.5	5	779	17	57.2	71.3	50.2	60.8
BURRUS	4365E ↗	E3	4.3	MR	59.8	33.6	19.4	11.3	6	778	19	55.3	73.6	52.6	57.7
AGVENTURE	AV 42A1E ↗	E3	4.2	MR	59.7	34.8	18.8	11.3	2	776	20	54.3	69.0	52.5	63.1
MUSTANG	39ES823 ↗	E3,ST	3.9	MR	59.7	33.4	19.8	11.6	4	776	21	55.3	70.3	53.9	59.3
XITAVO	XO 4364E ↗	E3,ST	4.3	R	59.6	34.0	19.3	11.4	6	774	22	56.3	68.8	52.5	60.7
ASGROW	AG3623XF GC ↗	RXF	3.6	R	59.5	34.2	19.2	11.3	2	774	23	56.2	68.6	56.6	56.6
NUTECH	39N07E ↗	E3	3.9	R	59.4	34.7	19.2	11.2	2	773	24	51.5	71.5	52.9	61.8
FS HISOY	HS 41F30 ↗	RXF,ST	4.1	R	59.4	34.0	19.7	11.6	5	772	25	54.8	69.2	55.1	58.5
XITAVO	XO 3922E ↗	E3	3.9	R	59.0	34.4	19.3	11.5	2	768	26	58.8	64.2	53.9	59.2
FS HISOY	HS 38E20 ↗	E3,ST	3.8	R	59.0	33.9	19.6	11.5	5	767	27	56.9	65.5	52.9	60.5
XITAVO	XO 4522E ↗	E3	4.5	R	58.9	34.9	19.0	11.5	2	766	28	49.8	67.4	56.6	61.9
STINE	38EG32 § ↗	E3	3.8	R	58.8	34.5	19.9	11.4	2	765	29	49.3	73.5	53.5	59.1
XITAVO	XO 3803E ↗	E3,ST	3.8	MR	58.7	33.8	19.5	11.6	4	763	30	54.9	69.0	54.3	56.6

William Schelp

Averages =	58.3	34.3	19.3	11.4	4	758	53.1	68.6	53.5	57.9
LSD (0.10) =	3.1	0.5	0.4	0.2	3		3.0	4.7	3.1	4.8
LSD (0.25) =	1.6	0.3	0.2	0.1	2		1.6	2.4	1.6	2.5

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Prev. years average yield for region: 57.44 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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2023 Soybeans - Missouri Central [MOCE]

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV 38A1E	E3	MR	3.8	Lum,Lu,Lud,IL
AgVenture	AV 39Y3E	E3	MR	3.9	ASfi,SA
AgVenture	AV 41Y5E	E3	MR	4.1	F,I,SA
AgVenture	AV 42A1E	E3	MR	4.2	Lum,Lu,Lud,IL
AgVenture	AV 45Y8E	E3	MR	4.5	Lum,Lu,Lud,IL
Asgrow	AG33XF3 GC	RXF	R	3.3	ACi,IL
Asgrow	AG35XF1 §	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	3966E	E3	R	3.9	BPS-SDS
Burrus	4365E	E3	MR	4.3	BPS-SDS
DONMARIO	DM36F84S	RXF,ST	R	3.6	CMB-APX,SA
DONMARIO	DM40E44	E3	R	4.0	CMB-APX,SA
Dyna-Gro	S37ES52	E3,ST	R	3.7	EQV,Sa,Va
Dyna-Gro	S40EN54	E3	R	4.0	EQ,VA,Sa
Dyna-Gro	S40XF21S	RXF,ST	R	4.0	EQ,VA,Sa
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
Dyna-Gro	S42XF93S	RXF,ST	MR	4.2	EQV,Sa,Va
FS HiSOY	HS 37E10	E3,ST	R	3.7	ACi,SA
FS HiSOY	HS 38E20	E3,ST	R	3.8	ACi,SA
FS HiSOY	HS 39E10	E3	R	3.9	ACi,SA
FS HiSOY	HS 40E30	E3	R	4.0	ACi,SA
FS HiSOY	HS 41F30	RXF,ST	R	4.1	ACi,SA
FS HiSOY	HS 42E10	E3,ST	R	4.2	ACi,SA
FS HiSOY	HS 43E30	E3,ST	R	4.3	ACi,SA
FS HiSOY	HS 44F30	RXF,ST	R	4.4	ACi,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
Golden Harvest	GH4433E3S	E3,ST	MR	4.4	CMB-APX,SA
Lewis	3834XF	RXF	R	3.8	ACi,IL
Lewis	4211XF	RXF,ST	R	4.2	ACi,IL
Lewis	4304XF	RXF	R	4.3	ACi,IL
Lewis	4533XF	RXF	R	4.5	ACi
Mustang	39ES823	E3,ST	MR	3.9	Edge-SST
Mustang	4122XFS	RXF,ST	MR	4.1	Edge-SST
Mustang	41E324	E3	R	4.1	Edge-SST
Mustang	4260E3S	E3,ST	MR	4.2	Edge-SST
Mustang	XF38623	RXF,ST	MR	3.8	Edge-SST
Mustang	XF39123	RXF,ST	R	3.9	Edge-SST
NK Brand	NK40-P5E3 §	E3	R	4.0	CMB-APX,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NK Brand	NK42-A6E3S §	E3,ST	MR	4.2	CMB-APX,SA
NuTech	34N02E GC	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
NuTech	45N09E	E3	R	4.5	Lum,Lu,IL
Pioneer	P37A18E §	E3	MR	3.7	NA
Pioneer	P38A54E §	E3	NA	3.8	NA
Pioneer	P42A84E §	E3	R	4.2	NA
Stine	37FD02 §	RXF	R	3.7	ACi
Stine	38EG32 §	E3	R	3.8	ACi
Stine	40FD29 §	RXF	R	4.0	ACi
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
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	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, Salto®
ASfi,SA	AgriShield Max with Salto®
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,SA	CruiserMaxx® APX with Salto®
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Salto® (Midland Genetics)
EQ,VA,Sa	Equity VAYO, Salto®
EQV,Sa,Va	Equity VIP, Salto®, Vayantis®
F,I,SA	Fungicide, Insecticide, Salto®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®

* Seed treatments may include unspecified plant health promoting components.