

2025 Soybeans Top 30 Region Summary for Missouri North [MONO]

All-Season Test

Maturity Group 3.3 - 4.5

S2025MONO

Top 30 of 54

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	Cairo	Greentop	Maryville	Tina
XITAVO	XO 3555E ↗	E3	3.5	M	71.0	11.4	1	685	1	66.4	66.3	77.0	74.6
BURRUS	3578E ↗	E3	3.5	M	70.3	11.3	2	677	2	63.8	65.6	80.3	71.2
BURRUS	4353E ↗	E3	4.3	M	69.7	11.5	2	672	3	64.7	63.9	78.5	71.5
FS HISOY	HS 41E40 ↗	E3,ST	4.1	M	69.6	11.4	3	672	4	64.6	65.0	75.8	73.1
FS HISOY	HS 39E40 ↗	E3,ST	3.9	M	69.5	11.4	2	670	5	63.3	66.5	78.0	70.1
XITAVO	XO 4056E ↗	E3	4.0	M	69.4	11.3	2	670	6	63.9	65.3	76.2	72.4
AGVENTURE	AV36B2E ↗	E3	3.6	M	69.2	11.4	2	667	7	64.0	68.6	77.5	66.5
DONMARIO	DM38E54 ↗	E3	3.8	M	69.1	11.4	3	667	8	62.7	65.8	78.8	69.3
NUTECH	38N05E ↗	E3	3.8	M	69.1	11.3	1	667	9	65.8	70.0	75.8	64.9
APEX	AE3550S ↗	E3,ST	3.5	M	68.9	11.3	2	665	10	64.4	68.0	75.9	67.3
NUTECH	36N06E ↗	E3	3.6	M	68.6	11.4	2	661	11	66.2	65.6	75.8	66.8
NUTECH	45N12E ↗	E3	4.5	M	68.6	11.2	7	661	12	63.4	66.1	75.6	69.2
AGVENTURE	AV43B2BE ↗	E3,ST	4.3	M	68.4	11.3	5	659	13	65.1	62.4	80.0	65.9
BURRUS	4134E ↗	E3	4.1	M	68.2	11.1	3	657	14	62.5	67.4	76.9	66.0
XITAVO	XO 4255E ↗	E3	4.2	M	68.2	11.2	8	657	16	64.2	63.1	76.6	68.8
PIONEER	P37Z06E GC ↗	E3	3.7	R	68.1	11.3	1	657	15	64.7	67.9	75.3	64.7
DONMARIO	DM33E55 ↗	E3	3.3	M	68.1	11.5	2	657	17	68.1	67.3	72.1	64.9
AGRISOY	41A04E ↗	E3	4.1	M	68.1	11.2	2	656	18	61.9	65.8	75.4	69.2
AGRISOY	38A04E ↗	E3	3.8	M	68.0	11.5	6	656	19	63.4	63.1	77.6	68.0
AGRISOY	40A05E ↗	E3,ST	3.9	NA	68.0	11.3	2	656	20	66.2	64.8	73.0	68.0
FS HISOY	HS 35E50 ↗	E3	3.5	M	68.0	11.3	1	656	21	67.0	63.5	73.2	68.3
PIONEER	P40Z57E GC ↗	E3	4.0	R	67.8	11.3	3	654	22	63.6	64.1	77.4	66.2
NUTECH	43N06E ↗	E3	4.3	M	67.6	11.3	8	652	23	65.9	63.3	76.2	65.2
XITAVO	XO 3855E ↗	E3	3.8	M	67.4	11.5	2	650	24	61.7	64.7	76.1	67.0
AGVENTURE	AV38A1E ↗	E3	3.8	M	67.4	11.3	2	650	25	64.0	61.9	76.8	66.8
NUTECH	43N11BE ↗	E3,ST	4.3	M	67.3	11.3	5	649	26	62.4	62.5	78.2	66.2
APEX	AE3950S ↗	E3,ST	3.9	M	66.8	11.2	1	643	27	57.1	67.7	70.9	71.2
FS HISOY	HS 37E40 ↗	E3	3.7	M	66.6	11.4	4	643	28	64.4	61.8	74.4	66.0
DONMARIO	DM36E94 ↗	E3	3.6	M	66.4	11.4	2	640	29	60.6	61.0	78.2	65.7
HOEGEMEYER	4036 E ↗	E3	4.0	M	66.3	11.5	3	640	30	63.2	61.8	75.3	65.1

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Averages =	66.3	11.4	3	639	62.9	63.4	73.8	65.3
LSD (0.10) =	2.6	ns	2		3.0	3.7	3.5	4.1
LSD (0.25) =	1.4	ns	1		1.6	1.9	1.8	2.1

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.00

Prices: GMO = \$9.64

† 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: 11/05/2025

Prev. years average yield for region: 58.28 bu/a, 8 yr(s)

2025 Soybeans - Missouri North [MONO]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Agrisoy	35A03E	E3	M	3.5	NA
Agrisoy	38A04E	E3	M	3.8	NA
Agrisoy	39A05E	E3,ST	NA	3.9	NA
Agrisoy	40A05E	E3,ST	NA	3.9	NA
Agrisoy	41A04E	E3	M	4.1	NA
Agrisoy	43A04E	E3	M	4.3	NA
AgVenture	AV34B2E	E3	PK	3.4	CMB-APX,IL
AgVenture	AV36B2E	E3	M	3.6	CMB-APX,SA
AgVenture	AV38A1E	E3	M	3.8	CMB-APX,IL
AgVenture	AV38B2E	E3	M	3.8	CMB-APX,IL
AgVenture	AV39B2E	E3	PK	3.9	CMB-APX,IL
AgVenture	AV40C3E	E3	M	4.0	Lum,Lu,Lud,IL
AgVenture	AV43B2BE	E3,ST	M	4.3	Treated
AgVenture	AV44B2E	E3	M	4.4	CMB-APX,IL
Apex	AE3550S	E3,ST	M	3.5	CMB-APX,SA
Apex	AE3660	E3	PK	3.6	PU,Sa
Apex	AE3950S	E3,ST	M	3.9	EcQ,NF,NH,SA
Apex	AE4150S	E3,ST	M	4.1	EcTC,SA
Apex	AE4260	E3	M	4.2	PU,Sa
Burrus	3472E	E3	M	3.4	BPS-SDS
Burrus	3578E	E3	M	3.5	BPS-SDS
Burrus	4134E	E3	M	4.1	BPS-SDS
Burrus	4353E	E3	M	4.3	BPS-SDS
DONMARIO	DM33E55	E3	M	3.3	CMB-APX,SA
DONMARIO	DM36E94	E3	M	3.6	CMB-APX,SA
DONMARIO	DM38E54	E3	M	3.8	CMB-APX,SA
DONMARIO	DM40F45S	RXF,ST	M	4.0	CMB-APX,SA
FS HiSOY	HS 33E50	E3	M	3.3	ACi,SA
FS HiSOY	HS 34F30	RXF	M	3.4	ACi,SA
FS HiSOY	HS 35E50	E3	M	3.5	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	ACi,SA
FS HiSOY	HS 39F50	RXF	M	3.9	ACi,SA
FS HiSOY	HS 41E40	E3,ST	M	4.1	ACi,SA
Hoegemeyer	3326 E	E3	PK	3.3	Lum, LumT, IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Hoegemeyer	3926 E	E3	PK	3.9	Lum, LumT, IL
Hoegemeyer	4036 E	E3	M	4.0	Lum, LumT, IL
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL
NuTech	36N06E	E3	M	3.6	Lum, LumT, IL
NuTech	38N05E	E3	M	3.8	Lum, LumT, IL
NuTech	39N08E	E3	PK	3.9	Lum, LumT, IL
NuTech	41N04E	E3	M	4.1	Lum, LumT, IL
NuTech	43N06E	E3	M	4.3	Lum, LumT, IL
NuTech	43N11BE	E3,ST	M	4.3	Lum, LumT, IL
NuTech	45N12E	E3	M	4.5	Lum, LumT, IL
Pioneer	P37Z06E	E3	R	3.7	NA
Pioneer	P40Z57E	E3	R	4.0	NA
Xitavo	XO 3555E	E3	M	3.5	PV,IL,OB,Rey
Xitavo	XO 3705E	E3	M	3.7	PV,IL,OB,Rey
Xitavo	XO 3855E	E3	M	3.8	PV,IL,OB,Rey
Xitavo	XO 4056E	E3	M	4.0	PV,IL,OB,Rey
Xitavo	XO 4255E	E3	M	4.2	PV,IL,OB,Rey
Xitavo	XO 4405E	E3	M	4.4	PV,IL,OB,Rey

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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.

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*

ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,IL	CruiserMaxx® APX with ILEVO®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PU,Sa	Protect Ultra, Saltro
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.