

# 2024 Soybeans Top 30 Region Summary for Missouri North [MONO]

**All-Season Test**  
**Maturity Group 3.2 - 4.3**  
 S2024MONO

**Top 30 of 69**

For Gross Income (Sorted by Yield), (6) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	SCN	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Cairo	Greentop REJECTED	St. Joseph REJECTED	Trenton
APEX	AE3550S ↗	E3,ST	3.5	M	<b>75.8</b>	9.0	2	718	1	<b>71.0</b>	49.9	56.6	<b>80.5</b>
NUTECH	36N06E ↗	E3	3.6	M	<b>75.2</b>	9.0	2	713	2	<b>72.5</b>	43.8	65.4	<b>77.9</b>
FS HISOY	HS 39E40 ↗	E3,ST	3.9	M	<b>74.4</b>	8.9	1	706	3	<b>71.6</b>	45.2	55.5	<b>77.2</b>
FS HISOY	HS 37E40 ↗	E3	3.7	M	<b>74.1</b>	9.0	2	703	4	<b>71.7</b>	46.8	54.8	<b>76.5</b>
DONMARIO	DM36E94 ↗	E3	3.6	M	<b>74.0</b>	9.0	2	702	5	<b>70.0</b>	45.7	56.2	<b>78.0</b>
DYNA-GRO	S38EN75 ↗	E3	3.8	M	<b>73.7</b>	8.9	1	699	6	<b>71.4</b>	45.9	55.9	<b>76.1</b>
BURRUS	4134E ↗	E3,ST	4.1	M	<b>71.8</b>	8.9	1	682	7	<b>67.8</b>	45.5	55.8	<b>75.9</b>
HOEGEMEYER	3825 E ↗	E3	3.8	M	<b>71.8</b>	8.9	1	681	8	<b>72.0</b>	45.0	55.9	71.6
PIONEER	P34A98E § ↗	E3	3.4	R	<b>71.8</b>	8.9	1	680	9	<b>67.4</b>	45.5	55.5	<b>76.1</b>
AGVENTURE	AV36B2E ↗	E3	3.6	M	71.5	8.9	3	678	10	<b>69.5</b>	45.2	55.5	73.5
HOEGEMEYER	3605 E ↗	E3	3.6	M	71.3	8.8	3	675	11	<b>68.4</b>	45.1	54.7	74.1
AGRISOY	38A04E ↗	E3	3.8	M	71.2	9.0	3	675	12	<b>68.8</b>	45.0	55.5	73.6
NUTECH	38N05E ↗	E3	3.8	M	71.1	8.9	1	675	13	<b>70.7</b>	45.0	55.5	71.6
BURRUS	3767E ↗	E3	3.7	M	70.9	9.1	5	672	14	66.6	45.8	55.2	75.1
NUTECH	37N03E ↗	E3	3.7	M	70.6	8.7	3	669	15	67.0	45.2	55.2	74.2
AGRISOY	41A04E ↗	E3	4.1	M	70.5	8.8	1	669	16	67.2	47.0	55.5	73.8
APEX	AE4150S ↗	E3,ST	4.1	M	70.4	8.8	1	667	17	<b>67.7</b>	45.3	54.6	73.0
ASGROW	AG36XF4 § ↗	RXF	3.6	R	70.2	9.1	5	666	18	66.4	45.3	55.5	74.0
PIONEER	P37A18E § ↗	E3	3.7	MR	70.0	9.0	1	664	19	<b>68.6</b>	45.0	55.5	71.5
STINE	35EG92 § ↗	E3	3.5	M	69.9	9.1	4	663	20	67.1	45.3	55.5	72.7
FS HISOY	HS 34E40 ↗	E3	3.4	PK	69.9	9.0	2	662	21	<b>70.2</b>	45.3	55.5	69.5
STINE	37EG23 § ↗	E3	3.7	M	69.7	8.9	6	660	22	65.0	45.4	55.5	74.3
NUTECH	34N02E ↗	E3	3.4	PK	69.4	8.9	3	659	23	<b>69.1</b>	45.5	55.5	69.8
APEX	AE3850 ↗	E3	3.8	M	69.2	9.0	2	657	24	66.8	45.7	55.5	71.7
NUTECH	42N05E ↗	E3	4.2	M	69.1	8.9	4	655	25	65.9	45.3	55.5	72.3
NK BRAND	NK36-Q6E3S ↗	E3,ST	3.6	M	69.1	9.2	3	655	26	65.0	45.4	57.7	73.2
GOLDEN HARVEST	GH4093E3 ↗	E3	4.0	M	69.1	8.9	3	655	27	62.3	36.9	57.2	<b>75.8</b>
FS HISOY	HS 41E40 ↗	E3,ST	4.1	M	68.9	8.8	1	654	28	66.4	39.9	37.3	71.5
STINE	42EG23 § ↗	E3	4.2	M	68.2	9.1	13	647	29	64.8	40.3	55.5	71.6
XITAVO	XO 3855E ↗	E3,ST	3.8	M	68.2	9.0	1	647	30	<b>68.3</b>	47.3	47.3	68.1

**RXF varieties killed by Enlist application**  
**Yield variability due to drought stress**

*William Schelp*

<b>Averages =</b>	<b>68.0</b>	<b>9.0</b>	<b>3</b>	<b>645</b>	<b>64.9</b>	<b>43.2</b>	<b>54.1</b>	<b>71.1</b>
LSD (0.10) =	3.7	0.1	3		2.5	3.4	11.2	4.1
LSD (0.25) =	1.9	0.1	2		1.3	1.8	5.9	2.2

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Prev. years average yield for region: 57.36 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. \* 2 reps for the site.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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## 2024 Soybeans - Missouri North [ MONO ]

### All-Season Test Products (69 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Agrisoy	35A03E	E3	M	3.5	CMB-APX,Sa,SG
Agrisoy	38A04E	E3	M	3.8	CMB-APX,Sa,SG
Agrisoy	39A02E	E3	M	3.9	CMB-APX,Sa,SG
Agrisoy	41A04E	E3	M	4.1	CMB-APX,Sa,SG
Agrisoy	42A03E	E3,ST	M	4.2	CMB-APX,Sa,SG
Agrisoy	43A04E	E3	M	4.3	CMB-APX,Sa,SG
AgVenture	AV36B2E	E3	M	3.6	Lum, LumT, IL
AgVenture	AV39B2E	E3	PK	3.9	Lum, LumT, IL
AgVenture	AV39Y3E	E3	M	3.9	Lum, LumT, IL
AgVenture	AV39Y5E	E3	R	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
Apex	AE3340	E3	PK	3.3	F,I
Apex	AE3550S	E3,ST	M	3.5	PU
Apex	AE3850	E3	M	3.8	PU
Apex	AE4150S	E3,ST	M	4.1	PU
Asgrow	AG36XF4 §	RXF	R	3.6	ACi,IL
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG42XF4 §	RXF,ST	R	4.2	ACi,IL
Burrus	3415E	E3,ST	PK	3.4	BPS-SDS
Burrus	3647F	RXF	M	3.6	BPS-SDS
Burrus	3767E	E3	M	3.7	BPS-SDS
Burrus	4134E	E3,ST	M	4.1	BPS-SDS
DONMARIO	DM32F74	RXF	M	3.2	F,I,B
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	S37XF15	RXF	M	3.7	PLTM
Dyna-Gro	S38EN75	E3	M	3.8	PLTM
Dyna-Gro	S41XF65	RXF	M	4.1	PLTM
FS HiSOY	HS 34E40	E3	PK	3.4	ACi,SA
FS HiSOY	HS 34F30	RXF	M	3.4	ACi,SA
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 41E40	E3,ST	M	4.1	F,I,NE
FS HiSOY	HS 42E40	E3	M	4.2	F,I,NE
Golden Harvest	GH3415E3S	E3,ST	M	3.4	CMB-APX,SA
Golden Harvest	GH3655E3S	E3,ST	M	3.6	CMB-APX,SA
Golden Harvest	GH3774E3 §	E3	M	3.7	CMB-APX,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Golden Harvest	GH4093E3	E3	M	4.0	CMB-APX,SA
Hoegemeyer	3605 E	E3	M	3.6	Lum, LumT, IL
Hoegemeyer	3825 E	E3	M	3.8	Lum, LumT, IL
NK Brand	NK36-Q6E3S	E3,ST	M	3.6	CMB-APX,SA
NK Brand	NK37-C1E3 §	E3	M	3.7	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
NuTech	34N02E	E3	PK	3.4	Lum, LumT, IL
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
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 3375E	E3	M	3.3	PV,IL,OB,Rey
Xitavo	XO 3483E	E3	M	3.4	PV,IL,OB,Rey
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

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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

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E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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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®
CMB-APX,SA,SG	CruiserMaxx® APX with Saltro®,Seed Guard Bio
F,I	Fungicide, Insecticide
F,I,B	Fungicide, Insecticide, Biological
F,I,NE	Fungicide, Insecticide, Nematicide
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PLTM	DynaGro PLTM
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro

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\* Seed treatments may include unspecified plant health promoting components.