

2020 Soybeans Top 30 Performance Summary for Missouri North [MONO]



Early-Season Test

3.2 - 3.7 Day CRM

S2020MONOa

Top 30 of 36

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	Cairo	Greentop	Palmyra	St. Joseph
NUTECH	31N06E	E3	3.1	R	57.5			11.0	2	575	1	62.9	37.5	71.7	57.9
GOLDEN HARVEST	GH3582E3	E3	3.5	R	56.9			11.2	2	569	2	60.0	42.1	62.8	62.7
NUTECH	35N03E	E3	3.5	R	56.0			11.3	3	560	3	58.0	37.6	67.3	61.0
HOEGEMEYER	3521 SE	E3	3.5	R	55.7			11.1	2	556	4	58.9	38.9	66.6	58.1
DYNA-GRO	S35EN99	E3	3.5	R	55.6			11.3	2	556	5	59.2	35.8	62.0	65.5
HOEGEMEYER	3350 E	E3	3.3	R	55.5			11.3	4	555	6	51.5	39.8	64.5	66.2
FS HISOY	HS 34E80	E3	3.4	R	55.5			11.2	2	555	7	57.6	38.6	62.0	63.6
APEX	AE3610	E3	3.6	R	55.4			11.3	3	554	8	60.3	37.7	61.3	62.2
STINE	36EB32 §	E3	3.6	R	55.4			11.1	4	554	9	58.6	36.8	59.8	66.2
GOLDEN HARVEST	GH3759E3S	E3,ST	3.7	MR	55.1			11.1	2	551	10	60.4	40.2	61.0	58.6
FS HISOY	HS 35X00	RRX	3.5	R	54.7			11.0	2	547	11	55.5	33.3	67.8	62.0
MIDLAND GENETICS	3711XS	RRX,ST	3.7	R	54.5			10.9	2	545	12	59.5	38.1	62.3	58.2
CREDENZ	CZ 3480GTLL	LLGT27	3.4	R	53.7			11.1	2	537	13	54.6	34.6	62.1	63.5
HOEGEMEYER	3591 E	E3	3.5	R	53.6			11.4	3	536	14	59.5	33.7	58.3	62.7
DYNA-GRO	S37EN39	E3	3.7	R	53.5			10.8	2	535	15	59.2	35.9	60.9	57.9
NK BRAND	S35-E3 §	E3	3.5	R	53.4			11.3	2	534	16	57.6	33.5	61.6	60.8
DONMARIO	DM 3756E	E3	3.7	R	53.0			11.0	2	531	17	63.5	32.4	58.4	57.9
NK BRAND	S35-K9X	RRX	3.5	R	53.0			11.2	3	530	18	52.6	31.0	67.3	61.2
FS HISOY	HS 32E00	E3	3.2	R	53.0			11.2	5	530	19	49.3	39.3	62.5	60.8
LEWIS	3682X	RRX	3.6	R	52.8			11.0	2	528	20	55.4	37.9	62.1	55.8
ASGROW	AG33X0 §	RRX	3.3	R	52.8			11.1	3	528	21	53.7	34.4	61.7	61.2
NUTECH	34N06E	E3	3.4	R	52.7			11.4	2	527	22	54.9	33.0	62.8	60.0
ASGROW	AG37X8 §	RRX	3.7	R	52.5			10.9	3	525	23	55.2	35.7	62.4	56.6
PIONEER	P37A27X GC	RRX	3.7	MR	52.5			11.0	4	525	24	57.8	33.6	62.4	56.0
PIONEER	P36A83X GC	RRX	3.6	R	52.4			11.0	2	524	25	58.8	32.0	61.3	57.4
MIDLAND GENETICS	3537NX	RRX	3.5	R	51.8			10.9	2	518	26	54.7	34.3	61.2	56.8
FS HISOY	HS 32X90	RRX	3.2	R	51.7			10.9	1	517	27	49.3	32.5	60.9	63.9
DYNA-GRO	S36ES70	E3	3.6	R	51.7			11.2	2	517	28	53.0	33.5	67.7	52.4
CREDENZ	CZ 3309GTLL	LLGT27	3.3	R	51.6			11.0	2	516	29	53.6	34.4	59.2	59.1
BURRUS	3798X	RRX	3.7	R	51.6			11.0	2	516	30	57.7	33.3	58.6	56.6
PIONEER	P38A98X CK	RRX	3.8	R	50.5			11.2	2	505	36	53.9	35.6	61.2	51.3

William Schelp

Averages =	53.4	na	na	11.1	3	534	56.6	35.5	62.1	59.2
LSD (0.10) =	3.1	na	na	ns	1		3.0	3.7	2.9	5.2
LSD (0.25) =	1.6	na	na	ns	1		1.6	1.9	1.5	2.7

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Prev. years average yield for region: 53.8 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$10.00; non-GMO = \$10.00

† 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.

2020 Soybeans Top 30 Performance Summary for Missouri North [MONO]

Full-Season Test

3.8 - 4.3 Day CRM

S2020MONOb

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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	Cairo	Greentop	Palmyra	St. Joseph REJECTED
NK BRAND	S39-E3	E3	3.9	MR	57.0			10.6	2	570	1	65.2	42.1	63.8	59.1
HOEGEMEYER	4081 SE	E3	4.0	R	57.0			10.6	1	570	2	67.2	38.1	65.8	50.2
STINE	40EB20 §	E3	4.0	NA	56.6			10.5	1	566	3	66.5	37.8	65.6	56.5
GOLDEN HARVEST	GH3922E3	E3	3.9	MR	56.5			10.6	3	564	4	65.5	40.0	63.8	56.3
NUTECH	43N04E	E3	4.3	R	56.3			10.5	4	563	5	69.4	33.9	65.6	61.2
HOEGEMEYER	3921 E	E3	3.9	R	55.6			10.6	1	556	6	62.1	38.9	65.9	63.0
BURRUS	3803E	E3	3.8	R	54.9			10.7	1	549	7	64.0	37.9	62.8	55.9
FS HISOY	HS 39E00	E3	3.9	R	54.9			10.6	1	549	8	66.9	35.0	62.7	55.6
STINE	43EB20 §	E3	4.3	R	54.2			10.7	1	543	9	62.7	38.1	62.0	55.3
DYNA-GRO	S39EN19	E3	3.9	R	54.2			10.6	1	542	10	64.1	34.0	64.4	55.2
ASGROW	AG39X0 §	RRX,ST	3.9	R	53.9			10.5	4	539	11	63.7	37.0	61.1	55.0
MIDLAND GENETICS	3999 E3	E3	3.9	R	53.9			10.6	3	539	12	63.3	34.3	64.0	53.8
FS HISOY	HS 41X70	RRX	4.1	R	53.9			10.5	3	538	13	60.9	38.8	61.8	53.7
DONMARIO	DM 3932E	E3	3.9	R	53.8			10.7	2	538	14	65.0	35.1	61.3	53.6
NK BRAND	S39-G2X §	RRX	3.9	R	53.5			10.5	4	535	15	66.9	33.8	59.7	53.2
DYNA-GRO	S41ES80	E3	4.1	R	53.4			10.7	1	534	16	63.7	36.1	60.4	53.1
LEWIS	4393X	RRX,ST	4.3	R	53.4			10.6	2	534	17	61.0	36.2	62.9	52.9
LEWIS	4182X	RRX,ST	4.1	R	53.4			10.5	2	534	18	60.7	36.3	63.1	52.8
NUTECH	41N03E	E3	4.1	R	53.2			10.7	1	532	19	61.1	39.0	59.5	52.4
MIDLAND GENETICS	4260E3S	E3,ST	4.2	MR	53.1			10.6	1	531	20	63.0	35.9	60.5	52.3
DYNA-GRO	S38XS21	RRX,ST	3.8	R	53.0			10.6	2	530	21	60.9	35.2	63.0	52.2
CREDENZ	CZ 3840GTLL	LLGT27	3.8	MR	52.8			10.6	2	528	22	62.9	33.1	62.5	52.1
FS HISOY	HS 38X00	RRX	3.8	MR	52.7			10.5	2	527	23	63.2	32.2	62.7	52.0
MIDLAND GENETICS	3930NXS	RRX,ST	3.9	R	52.4			10.6	3	524	24	64.3	33.5	59.5	51.6
NUTECH	39N04E	E3	3.9	R	52.3			10.7	1	523	25	62.1	29.6	65.3	61.4
NK BRAND	S42-E3	E3	4.2	NA	52.0			10.6	2	520	26	61.1	33.4	61.4	59.9
CREDENZ	CZ 3930GTLL	LLGT27	3.9	MR	51.8			10.6	3	519	27	62.9	29.7	63.0	59.8
MIDLAND GENETICS	4251X	RRX	4.2	MR	51.7			10.7	3	517	28	60.1	30.9	64.1	56.6
DONMARIO	DM 40X61	RRX	4.0	R	51.5			10.7	6	515	30	62.2	32.0	60.2	56.8
LEWIS	3803X	RRX	3.8	MR	50.9			10.4	2	509	31	60.2	32.5	59.9	57.4
PIONEER	P38A98X CK	RRX	3.8	R	51.6			10.7	2	516	29	60.4	34.7	59.8	50.8

Rejected due to high variance

William Schelp

Averages =	53.1	na	na	10.6	2	531	62.8	34.6	62.0	57.1
LSD (0.10) =	2.3	na	na	ns	2		2.9	3.2	2.5	5.4
LSD (0.25) =	1.2	na	na	ns	1		1.5	1.7	1.3	2.8

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$10.00; non-GMO = \$10.00

† 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. *There were 2 reps for the site.

2020 Soybeans - Missouri North [MONO]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE3610	E3	R	3.6	CMBV,SA
ASGROW	AG33X0 §	RRX	R	3.3	NA
ASGROW	AG37X8 §	RRX	R	3.7	NA
BURRUS	3798X	RRX	R	3.7	BPS-SDS
CREDENZ	CZ 3309GTLL	LLGT27	R	3.3	PV,IL,OB
CREDENZ	CZ 3480GTLL	LLGT27	R	3.4	PV,IL,OB
CREDENZ	CZ 3519GTLL	LLGT27	MR	3.5	PV,IL,OB
CREDENZ	CZ 3750GTLL	LLGT27	R	3.7	PV,IL,OB
DONMARIO	DM 3756E	E3	R	3.7	CMBV,SA
DYNA-GRO	S35EN99	E3	R	3.5	EQV,SA
DYNA-GRO	S36ES70	E3	R	3.6	EQV,SA
DYNA-GRO	S37EN39	E3	R	3.7	EQV,SA
FS HISOY	HS 32E00	E3	R	3.2	ACi,SA
FS HISOY	HS 32X90	RRX	R	3.2	ACi,SA
FS HISOY	HS 34E80	E3	R	3.4	ACi,SA
FS HISOY	HS 35X00	RRX	R	3.5	ACi,SA
GOLDEN HARVEST	GH3582E3	E3	R	3.5	CMBV,SA
GOLDEN HARVEST	GH3759E3S	E3,ST	MR	3.7	CMBV,SA
HOEGEMEYER	3350 E	E3	R	3.3	Lum,Lu,IL
HOEGEMEYER	3521 SE	E3	R	3.5	Lum,Lu,IL
HOEGEMEYER	3591 E	E3	R	3.5	Lum,Lu,IL
LEWIS	3682X	RRX	R	3.6	NA
MIDLAND GENETICS	3261X	RRX	R	3.2	NA
MIDLAND GENETICS	3537NX	RRX	R	3.5	NA
MIDLAND GENETICS	3711XS	RRX,ST	R	3.7	NA
NK BRAND	S35-E3 §	E3	R	3.5	CMBV,SA
NK BRAND	S35-K9X	RRX	R	3.5	CMBV,SA
NK BRAND	S37-2E3S	E3,ST	MR	3.7	CMBV,SA
NUTECH	31N06E	E3	R	3.1	Lum,G,IL
NUTECH	34N06E	E3	R	3.4	Lum,G,IL
NUTECH	35N03E	E3	R	3.5	Lum,G,IL
NUTECH	36N03E	E3	R	3.6	Lum,G,IL
PIONEER	P36A83X GC	RRX	R	3.6	NA
PIONEER	P37A27X GC	RRX	MR	3.7	NA
PIONEER	P38A98X CK	RRX	R	3.8	NA
STINE	36EB32 §	E3	R	3.6	NA

2020 Soybeans - Missouri North [MONO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
ASGROW	AG39X0 §	RRX,ST	R	3.9	NA
BURRUS	3803E	E3	R	3.8	BPS-SDS
CREDENZ	CZ 3840GTLL	LLGT27	MR	3.8	PV,IL,OB
CREDENZ	CZ 3930GTLL	LLGT27	MR	3.9	PV,IL,OB
CREDENZ	CZ 4241GTLL	LLGT27	NA	4.2	PV,IL,OB
DONMARIO	DM 3932E	E3	R	3.9	CMBV,SA
DONMARIO	DM 40X61	RRX	R	4.0	CMBV,SA
DONMARIO	DM 43E51	E3	R	4.3	CMBV,SA
DYNA-GRO	S38XS21	RRX,ST	R	3.8	EQV,SA
DYNA-GRO	S39EN19	E3	R	3.9	EQV,SA
DYNA-GRO	S41ES80	E3	R	4.1	EQV,SA
FS HISOY	HS 38X00	RRX	MR	3.8	ACi,SA
FS HISOY	HS 39E00	E3	R	3.9	ACi,SA
FS HISOY	HS 41X70	RRX	R	4.1	ACi,SA
FS HISOY	HS 43E00	E3	R	4.3	ACi,SA
GOLDEN HARVEST	GH3922E3	E3	MR	3.9	CMBV,SA
GOLDEN HARVEST	GH4155E3 §	E3	MR	4.1	CMBV,SA
GOLDEN HARVEST	GH4201E3	E3	NA	4.2	CMBV,SA
HOEGEMEYER	3921 E	E3	R	3.9	Lum,Lu,IL
HOEGEMEYER	4081 SE	E3	R	4.0	Lum,Lu,IL
LEWIS	3803X	RRX	MR	3.8	NA
LEWIS	4182X	RRX,ST	R	4.1	NA
LEWIS	4393X	RRX,ST	R	4.3	NA
MIDLAND GENETICS	3930NXS	RRX,ST	R	3.9	NA
MIDLAND GENETICS	3999 E3	E3	R	3.9	NA
MIDLAND GENETICS	4251X	RRX	MR	4.2	NA
MIDLAND GENETICS	4260E3S	E3,ST	MR	4.2	NA
NK BRAND	S39-E3	E3	MR	3.9	CMBV,SA
NK BRAND	S39-G2X §	RRX	R	3.9	CMBV,SA
NK BRAND	S42-E3	E3	NA	4.2	CMBV,SA
NUTECH	39N04E	E3	R	3.9	Lum,G,IL
NUTECH	41N03E	E3	R	4.1	Lum,G,IL
NUTECH	43N04E	E3	R	4.3	Lum,G,IL
PIONEER	P38A98X CK	RRX	R	3.8	NA
STINE	40EB20 §	E3	NA	4.0	NA
STINE	43EB20 §	E3	R	4.3	NA

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
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments**

NA	Not Available
ACi,SA	Acceleron Standard fungicide + insecticide, Saltro
BPS-SDS	Burrus PowerShield® SDS
CMBV,SA	Cruisermaxx, Vibrance, Saltro
EQV,SA	Equity VIP, Saltro
Lum,G,IL	Lumisena, Gaucho, ILeVO
Lum,Lu,IL	Lumigen, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus

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