

Test by: F.I.R.S.T. MSR, Inc. Columbia, MO

## 2020 Soybeans Top 30 Harvest Report

Missouri North [MONO] GREENTOP, MO  
Terry Sevits, Schuyler County, MO 63546

<b>Early-Season Test</b>	3.2 - 3.7 Day CRM S2020MONO02a
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Corvus
<b>SOIL DESCRIPTION:</b>	Belinda silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	low P, low K, 5.7 pH, 2.3% OM, 13.4 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Prefix, Zidua, Roundup
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEDED - RATE - ROW:</b>	Jun 4 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 4 121.8 /A

### TEST COMMENTS:

*Trial was planted within a day of farmer planting surrounding field. Good soil conditions at planting. Rainfall was limited during critical soybean yield making months. CoCoRaHS rain observation station in nearby showed only .5" of rain in August. Seemed the lack of rain took it's toll on top end yield potential. Short plants with no lodging. Some disease was observed at harvest.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GOLDEN HARVEST	GH3582E3	E3	3.5	R	<b>42.1</b>	11.6	1	124.0	421	1
GOLDEN HARVEST	GH3759E3S	E3,ST	3.7	MR	<b>40.2</b>	11.2	1	120.0	402	2
HOEGEMEYER	3350 E	E3	3.3	R	<b>39.8</b>	11.8	1	128.0	398	3
FS HISOY	HS 32E00	E3	3.2	R	<b>39.3</b>	11.5	1	116.3	393	4
HOEGEMEYER	3521 SE	E3	3.5	R	<b>38.9</b>	11.7	1	126.0	389	5
FS HISOY	HS 34E80	E3	3.4	R	<b>38.6</b>	11.8	1	120.3	386	6
MIDLAND GENETICS	3711XS	RRX,ST	3.7	R	<b>38.1</b>	11.1	1	130.0	381	7
LEWIS	3682X	RRX	3.6	R	<b>37.9</b>	11.0	1	114.0	379	8
APEX	AE3610	E3	3.6	R	<b>37.7</b>	11.5	1	120.3	377	9
NUTECH	35N03E	E3	3.5	R	<b>37.6</b>	11.4	1	126.0	376	10
NUTECH	31N06E	E3	3.1	R	<b>37.5</b>	11.1	1	120.0	375	11
STINE	36EB32 §	E3	3.6	R	<b>36.8</b>	11.4	1	124.0	368	12
NK BRAND	S37-2E3S	E3,ST	3.7	MR	<b>35.9</b>	12.5	1	120.0	359	13
DYNA-GRO	S37EN39	E3	3.7	R	<b>35.9</b>	11.2	1	120.3	359	14
DYNA-GRO	S35EN99	E3	3.5	R	<b>35.8</b>	12.0	1	120.0	358	15
ASGROW	AG37X8 §	RRX	3.7	R	<b>35.7</b>	11.0	1	120.3	357	16
CREDENZ	CZ 3750GTLL	LLGT27	3.7	R	<b>34.6</b>	11.2	1	122.3	346	18
CREDENZ	CZ 3480GTLL	LLGT27	3.4	R	<b>34.6</b>	11.0	1	122.0	346	19
CREDENZ	CZ 3309GTLL	LLGT27	3.3	R	<b>34.4</b>	11.1	1	122.0	344	20
ASGROW	AG33X0 §	RRX	3.3	R	<b>34.4</b>	11.0	1	125.7	344	21
NUTECH	36N03E	E3	3.6	R	<b>34.3</b>	11.3	1	120.0	343	22
MIDLAND GENETICS	3537NX	RRX	3.5	R	<b>34.3</b>	11.0	1	120.0	343	23
HOEGEMEYER	3591 E	E3	3.5	R	<b>33.7</b>	11.6	1	124.0	337	24
PIONEER	P37A27X GC	RRX	3.7	MR	<b>33.6</b>	11.2	1	120.0	336	25
NK BRAND	S35-E3 §	E3	3.5	R	<b>33.5</b>	11.8	1	126.0	335	26
DYNA-GRO	S36ES70	E3	3.6	R	<b>33.5</b>	11.5	1	118.0	335	27
CREDENZ	CZ 3519GTLL	LLGT27	3.5	MR	<b>33.5</b>	11.1	1	126.0	335	28
MIDLAND GENETICS	3261X	RRX	3.2	R	<b>33.3</b>	10.9	1	122.0	333	29
FS HISOY	HS 35X00	RRX	3.5	R	<b>33.3</b>	11.2	1	116.0	333	30
BURRUS	3798X	RRX	3.7	R	<b>33.3</b>	11.3	1	124.0	333	31
PIONEER	P38A98X CK	RRX	3.8	R	<b>35.6</b>	11.2	1	128.0	356	17

*William Schelp*

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Averages = **35.5** **11.4** **1** **121.8** **355**

LSD (0.10) = 3.7 0.4 ns

LSD (0.25) = 1.9 0.2 ns

C.V. = 9.8

Historic yield: 51.4 bu/a, 5 yr(s)

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

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<b>Full-Season Test</b>	3.8 - 4.3 Day CRM S2020MONO02b
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Corvus
<b>SOIL DESCRIPTION:</b>	Belinda silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	low P, low K, 5.7 pH, 2.3% OM, 13.4 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Prefix, Zidua, Roundup
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 4 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 4 121.7 /A

### TEST COMMENTS:

*Trial was planted within a day of farmer planting surrounding field. Good soil conditions at planting. Rainfall was limited during critical soybean yield making months. CoCoRaHS rain observation station in nearby showed only .5" of rain in August. Seemed the lack of rain took it's toll on top end yield potential. Short plants with no lodging. Some disease was observed at harvest.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	S39-E3	E3	3.9	MR	<b>42.1</b>	11.7	1	120.0	421	1
GOLDEN HARVEST	GH3922E3	E3	3.9	MR	<b>40.0</b>	11.9	1	118.0	400	2
NUTECH	41N03E	E3	4.1	R	<b>39.0</b>	11.2	1	120.0	390	3
HOEGEMEYER	3921 E	E3	3.9	R	<b>38.9</b>	11.6	1	122.0	389	4
FS HISOY	HS 41X70	RRX	4.1	R	<b>38.8</b>	11.0	1	116.3	388	5
STINE	43EB20 §	E3	4.3	R	<b>38.1</b>	11.2	1	124.0	381	6
HOEGEMEYER	4081 SE	E3	4.0	R	<b>38.1</b>	11.4	1	116.3	381	7
BURRUS	3803E	E3	3.8	R	<b>37.9</b>	11.7	1	122.0	379	8
STINE	40EB20 §	E3	4.0	NA	<b>37.8</b>	11.2	1	125.7	378	9
ASGROW	AG39X0 §	RRX,ST	3.9	R	<b>37.0</b>	10.9	1	124.0	370	10
LEWIS	4182X	RRX,ST	4.1	R	<b>36.3</b>	11.1	1	124.0	363	11
LEWIS	4393X	RRX,ST	4.3	R	<b>36.2</b>	11.2	1	108.7	362	12
DYNA-GRO	S41ES80	E3	4.1	R	<b>36.1</b>	11.7	1	128.0	361	13
MIDLAND GENETICS	4260E3S	E3,ST	4.2	MR	<b>35.9</b>	11.3	1	124.0	359	14
DYNA-GRO	S38XS21	RRX,ST	3.8	R	<b>35.2</b>	11.3	1	122.0	352	15
DONMARIO	DM 3932E	E3	3.9	R	<b>35.1</b>	12.0	1	130.0	351	16
FS HISOY	HS 39E00	E3	3.9	R	<b>35.0</b>	11.9	1	118.3	350	17
MIDLAND GENETICS	3999 E3	E3	3.9	R	<b>34.3</b>	11.7	1	114.7	343	19
DYNA-GRO	S39EN19	E3	3.9	R	<b>34.0</b>	11.5	1	122.0	340	20
NUTECH	43N04E	E3	4.3	R	<b>33.9</b>	11.2	1	120.3	339	21
NK BRAND	S39-G2X §	RRX	3.9	R	<b>33.8</b>	11.1	1	124.0	338	22
MIDLAND GENETICS	3930NXS	RRX,ST	3.9	R	<b>33.5</b>	11.0	1	118.3	335	23
NK BRAND	S42-E3	E3	4.2	NA	<b>33.4</b>	11.3	1	118.3	334	24
CREDENZ	CZ 3840GTLL	LLGT27	3.8	MR	<b>33.1</b>	11.3	1	118.3	331	25
LEWIS	3803X	RRX	3.8	MR	<b>32.5</b>	11.1	1	122.0	325	26
FS HISOY	HS 38X00	RRX	3.8	MR	<b>32.2</b>	11.2	1	130.0	322	27
DONMARIO	DM 40X61	RRX	4.0	R	<b>32.0</b>	11.2	1	135.7	320	28
FS HISOY	HS 43E00	E3	4.3	R	<b>31.1</b>	11.3	1	124.0	311	29
MIDLAND GENETICS	4251X	RRX	4.2	MR	<b>30.9</b>	11.3	1	116.3	309	30
DONMARIO	DM 43E51	E3	4.3	R	<b>30.6</b>	11.5	1	130.0	306	31
PIONEER	P38A98X CK	RRX	3.8	R	<b>34.7</b>	11.3	1	112.7	347	18

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Averages = **34.6** **11.4** **1** **121.7** **346**

LSD (0.10) = 3.2 0.2 ns

LSD (0.25) = 1.7 0.1 ns

C.V. = 8.7

Historic yield: 51.4 bu/a, 5 yr(s)

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

## 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

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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 Rating

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies\*

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E3	Enlist™ E3
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

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## Soybeans Seed Treatments\*\*

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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

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