

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

2020 Soybeans Top 30 Harvest Report


Missouri Central [MOCE] SWEET SPRINGS, MO
Bruce Strobel, Johnson County, MO 64020

All-Season Test	3.5 - 4.5 Day CRM S2020MOCE01
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Roundup Powermax, Xtendimax, Select
SOIL DESCRIPTION:	Haig silt loam, moderately drained, non-irrigated
SOIL CONDITION:	very high P, low K, 7.4 pH, 2.3% OM, 14.8 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Solera Paraquat, Anthem Maxx, Zidua, Roundup
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 3 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 17 120.3 /A

TEST COMMENTS:

May was very wet. The soil surface was scratched to aid drying as a small planting window presented itself. Planted into good and uniform seedbed on the shallow side of the spectrum. July presented plenty of moisture with above-average precipitation. Then August turned dry. This may have taken top end off yields. The dry weather pattern persisted all the way through harvest. Harvest went smoothly.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 39E00	E3	3.9	R	60.7	9.7	1	114.3	607	1
MIDLAND GENETICS	4260E3S	E3,ST	4.2	MR	60.2	10.1	2	133.7	602	2
NUTECH	39N04E	E3	3.9	R	59.5	9.8	1	127.5	595	3
DYNA-GRO	S43EN61	E3	4.3	R	58.9	9.8	4	112.3	589	4
NK BRAND	S42-E3 §	E3	4.2	NA	57.3	9.8	4	110.7	573	5
NK BRAND	S35-E3	E3	3.5	R	56.9	9.8	1	114.3	569	6
ASGROW	AG39X7 §	RRX,ST	3.9	R	56.8	9.9	10	126.0	568	7
FS HISOY	HS 35X00	RRX	3.5	R	56.5	9.7	2	121.7	565	8
NUTECH	36N03E	E3	3.6	R	56.4	9.9	2	112.3	564	9
MIDLAND GENETICS	3930NXS	RRX,ST	3.9	R	56.4	9.9	5	131.0	564	10
FS HISOY	HS 43E00	E3	4.3	R	56.4	9.7	2	129.7	564	11
MIDLAND GENETICS	4140NXS	RRX,ST	4.1	R	56.0	9.8	4	122.0	560	12
STINE	37EC20 §	E3	3.7	R	55.4	9.8	1	124.0	554	13
NUTECH	43N04E	E3	4.3	R	55.3	9.7	8	112.3	553	14
DYNA-GRO	S41ES80	E3	4.1	R	55.2	9.9	2	119.7	552	15
STINE	40EB20 §	E3	4.0	NA	55.1	9.8	1	118.0	551	16
DONMARIO	DM 43E51	E3	4.3	R	54.8	9.8	3	122.3	548	17
MIDLAND GENETICS	3999 E3	E3	3.9	R	54.7	9.8	4	120.3	547	18
LEWIS	4572X	RRX,ST	4.5	R	54.7	10.0	10	125.7	547	19
DONMARIO	DM 40X61	RRX	4.0	R	54.3	10.1	11	120.0	543	20
NUTECH	35N03E	E3	3.5	R	54.1	10.0	2	116.3	541	21
NK BRAND	S39-G2X §	RRX	3.9	R	53.7	9.8	16	116.0	537	22
LEWIS	4393X	RRX,ST	4.3	R	53.7	10.0	14	108.3	537	23
CREDENZ	CZ 3660GTLL	LLGT27	3.6	R	53.4	9.8	6	116.0	534	24
DONMARIO	DM 3932E	E3	3.9	R	53.0	9.9	1	120.0	530	25
NK BRAND	S39-E3 §	E3	3.9	MR	52.9	9.8	2	118.0	529	26
PIONEER	P40A47X GC	RRX	4.0	R	52.7	9.8	2	128.0	527	27
CREDENZ	CZ 3750GTLL	LLGT27	3.7	R	52.7	9.9	1	114.7	527	28
NK BRAND	S44-2E3	E3	4.4	NA	52.6	9.8	2	118.0	526	29
DONMARIO	DM 3756E	E3	3.7	R	52.6	9.7	2	118.0	526	30

	Averages =	53.0	9.9	5	120.3	530
	LSD (0.10) =	3.8	0.1	4		
William Schelp	LSD (0.25) =	2.0	0.1	2		
william.schelp@firstseedtests.com, (573) 819-7968	C.V. =	6.9			Historic yield: 58.2 bu/a, 1 yr(s)	

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

Report Date: 10/19/2020

† 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

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2020 Soybeans - Missouri Central [MOCE]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
ASGROW	AG37X8 §	RRX	R	3.7	NA
ASGROW	AG39X0 §	RRX,ST	R	3.9	NA
ASGROW	AG39X7 §	RRX,ST	R	3.9	NA
BURRUS	3798X	RRX	R	3.7	BPS-SDS
BURRUS	3803E	E3	R	3.8	BPS-SDS
CREDENZ	CZ 3519GTLL	LLGT27	MR	3.5	PV,IL,OB
CREDENZ	CZ 3660GTLL	LLGT27	R	3.6	PV,IL,OB
CREDENZ	CZ 3750GTLL	LLGT27	R	3.7	PV,IL,OB
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
CREDENZ	CZ 4410GTLL	LLGT27	R	4.4	PV,IL,OB
CREDENZ	CZ 4539GTLL	LLGT27	R	4.5	PV,IL,OB
DONMARIO	DM 3756E	E3	R	3.7	CMBV,SA
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	S39EN19	E3	R	3.9	EQV,SA
DYNA-GRO	S41ES80	E3	R	4.1	EQV,SA
DYNA-GRO	S43EN61	E3	R	4.3	EQV,SA
FS HISOY	HS 35X00	RRX	R	3.5	ACi,SA
FS HISOY	HS 38E90	E3	R	3.8	ACi,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
LEWIS	3803X	RRX	MR	3.8	NA
LEWIS	4182X	RRX,ST	R	4.1	NA
LEWIS	4393X	RRX,ST	R	4.3	NA
LEWIS	4572X	RRX,ST	R	4.5	NA
MIDLAND GENETICS	3930NXS	RRX,ST	R	3.9	NA
MIDLAND GENETICS	3999 E3	E3	R	3.9	NA
MIDLAND GENETICS	4140NXS	RRX,ST	R	4.1	NA
MIDLAND GENETICS	4251X	RRX	MR	4.2	NA
MIDLAND GENETICS	4260E3S	E3,ST	MR	4.2	NA
MIDLAND GENETICS	4488NXS	RRX,ST	R	4.4	NA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
NK BRAND	S35-E3	E3	R	3.5	CMBV,SA
NK BRAND	S37-2E3S	E3,ST	MR	3.7	CMBV,SA
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
NK BRAND	S44-2E3	E3	NA	4.4	CMBV,SA
NUTECH	35N03E	E3	R	3.5	Lum,G,IL
NUTECH	36N03E	E3	R	3.6	Lum,G,IL
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
NUTECH	45N04E	E3	R	4.5	Lum,G,IL
PIONEER	P36A83X GC	RRX	R	3.6	NA
PIONEER	P37A27X GC	RRX	MR	3.7	NA
PIONEER	P40A47X GC	RRX	R	4.0	NA
STINE	36EB32 §	E3	R	3.6	NA
STINE	37EC20 §	E3	R	3.7	NA
STINE	40EB20 §	E3	NA	4.0	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
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus

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