

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

2020 Soybeans Top 30 Harvest Report


Missouri Central [MOCE] NEW FRANKLIN, MO
Randy & Danny Kircher, Howard County, MO 65274

All-Season Test	3.5 - 4.5 Day CRM S2020MOCE02
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Fallow Due To River Flooding
SOIL DESCRIPTION:	Lomo silt loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.3 pH, 1.0% OM, 11.6 CEC
TILLAGE/CULTIVATION:	
PEST MANAGEMENT:	Gramoxone, Sonic, Roundup, Zidua
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 12 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 8 128.8 /A

TEST COMMENTS:

Re-planted this trial in June after inconsistent stands from May planting. CoCoRaHS rain observation station in nearby Boonville recorded the following monthly rain totals: May 5.9, June 6.9, July 6.4, August 3.9 and September 3.3. By harvest, the test looked particularly good with only modest lodging for a river-bottom site. Excellent yields with little disease observed and large seed size.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 38X00	RRX	3.8	MR	73.7	12.3	3	131.7	737	1
PIONEER	P36A83X GC	RRX	3.6	R	73.6	12.6	3	124.5	736	2
LEWIS	4182X	RRX,ST	4.1	R	72.3	12.6	8	120.0	723	3
FS HISOY	HS 38E90	E3	3.8	R	72.1	12.9	5	127.7	721	4
ASGROW	AG39X0 §	RRX,ST	3.9	R	72.0	12.7	4	128.0	720	5
NUTECH	39N04E	E3	3.9	R	71.8	12.7	1	124.0	718	6
BURRUS	3798X	RRX	3.7	R	71.8	12.4	3	126.0	718	7
CREDENZ	CZ 3840GTLL	LLGT27	3.8	MR	71.7	12.9	3	133.7	717	8
STINE	37EC20 §	E3	3.7	R	70.5	12.5	2	130.0	705	9
FS HISOY	HS 35X00	RRX	3.5	R	70.2	12.4	2	130.0	702	10
STINE	40EB20 §	E3	4.0	NA	70.1	12.6	2	132.0	701	11
PIONEER	P37A27X GC	RRX	3.7	MR	69.7	12.6	2	130.0	697	12
DONMARIO	DM 3756E	E3	3.7	R	69.4	12.5	1	123.7	694	13
CREDENZ	CZ 3519GTLL	LLGT27	3.5	MR	69.3	12.5	9	122.0	693	14
STINE	36EB32 §	E3	3.6	R	69.2	12.8	3	124.0	692	15
ASGROW	AG37X8 §	RRX	3.7	R	69.1	12.4	2	126.0	691	16
NK BRAND	S39-E3 §	E3	3.9	MR	69.0	12.3	1	133.7	690	17
FS HISOY	HS 41X70	RRX	4.1	R	68.6	12.7	10	129.7	686	18
LEWIS	4393X	RRX,ST	4.3	R	68.4	12.8	5	133.7	684	19
CREDENZ	CZ 4241GTLL	LLGT27	4.2	NA	68.2	12.7	1	124.0	682	20
MIDLAND GENETICS	3930NXS	RRX,ST	3.9	R	68.1	12.6	9	124.0	681	21
NUTECH	35N03E	E3	3.5	R	68.0	12.9	2	137.3	680	22
MIDLAND GENETICS	3999 E3	E3	3.9	R	67.8	12.4	2	124.0	678	23
NUTECH	36N03E	E3	3.6	R	66.7	12.9	1	141.3	667	24
MIDLAND GENETICS	4251X	RRX	4.2	MR	66.7	12.7	5	116.3	667	25
LEWIS	3803X	RRX	3.8	MR	66.7	12.6	2	131.7	667	26
MIDLAND GENETICS	4260E3S	E3,ST	4.2	MR	66.5	12.7	2	129.7	665	27
FS HISOY	HS 39E00	E3	3.9	R	66.4	12.4	1	126.0	664	28
CREDENZ	CZ 3750GTLL	LLGT27	3.7	R	66.4	12.5	2	128.0	664	29
DYNA-GRO	S41ES80	E3	4.1	R	66.3	12.8	3	131.7	663	30

	Averages =	67.1	12.6	3	128.8	671
	LSD (0.10) =	3.4	0.2	ns		
William Schelp	LSD (0.25) =	1.8	0.1	ns		
william.schelp@firstseedtests.com, (573) 819-7968	C.V. =	4.9				Historic yield: new site

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

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.