

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

2020 Soybeans Top 30 Harvest Report

Missouri Central [MOCE] PORTAGE DES SIOUX, MO
Matt Neustadt, St. Charles County, MO

All-Season Test	3.5 - 4.5 Day CRM S2020MOCE04
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Parallel Plus, Bellum
SOIL DESCRIPTION:	Sioux loam, well drained, non- irrigated
SOIL CONDITION:	high P, very high K, 5.9 pH, 2.3% OM, 17.7 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Roundup, Zidua Pro
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 13 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 7 125.4 /A

TEST COMMENTS:

This trial was planted timely. There was way below-average rainfall in June and much above in July. Significant rainfall events were more scarce at the end of the growing season. At harvest, plant height was noticeably tall with most plants measuring between 42"-48" and some 54" varieties were measured. Lodging was consistent with expectations on fertile river bottom ground planted in May.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 41X70	RRX	4.1	R	70.3	12.8	5	124.0	703	1
BURRUS	3798X	RRX	3.7	R	69.9	12.5	4	137.7	699	2
FS HISOY	HS 35X00	RRX	3.5	R	69.4	12.8	1	127.7	694	3
PIONEER	P36A83X GC	RRX	3.6	R	68.7	12.2	4	130.0	687	4
ASGROW	AG39X0 §	RRX,ST	3.9	R	68.3	13.0	4	128.0	683	5
DYNA-GRO	S41ES80	E3	4.1	R	67.5	12.6	2	129.7	675	6
NK BRAND	S35-E3	E3	3.5	R	66.2	13.0	4	133.7	662	7
DONMARIO	DM 3756E	E3	3.7	R	65.3	12.6	6	122.0	653	8
NUTECH	41N03E	E3	4.1	R	65.2	12.8	5	118.0	652	9
LEWIS	4182X	RRX,ST	4.1	R	65.2	12.7	6	114.0	652	10
MIDLAND GENETICS	3930NXS	RRX,ST	3.9	R	64.9	12.7	8	120.0	649	11
LEWIS	4393X	RRX,ST	4.3	R	64.7	12.7	7	133.3	647	12
MIDLAND GENETICS	3999 E3	E3	3.9	R	64.2	12.6	8	128.0	642	13
STINE	40EB20 §	E3	4.0	NA	64.0	12.5	1	122.0	640	14
MIDLAND GENETICS	4260E3S	E3,ST	4.2	MR	63.6	12.9	3	114.0	636	15
LEWIS	3803X	RRX	3.8	MR	63.6	12.7	2	124.0	636	16
FS HISOY	HS 38X00	RRX	3.8	MR	63.5	12.6	8	128.0	635	17
ASGROW	AG39X7 §	RRX,ST	3.9	R	63.4	12.4	7	123.7	634	18
MIDLAND GENETICS	4140NXS	RRX,ST	4.1	R	63.2	12.7	4	131.7	632	19
NK BRAND	S39-G2X §	RRX	3.9	R	62.6	12.4	11	125.7	626	20
STINE	37EC20 §	E3	3.7	R	62.1	13.0	10	112.3	621	21
ASGROW	AG37X8 §	RRX	3.7	R	62.0	12.2	6	122.0	620	22
CREDENZ	CZ 4241GTLL	LLGT27	4.2	NA	61.3	13.0	3	137.7	613	23
DYNA-GRO	S39EN19	E3	3.9	R	61.0	12.4	6	135.7	610	24
CREDENZ	CZ 3750GTLL	LLGT27	3.7	R	60.7	12.9	4	126.0	607	25
MIDLAND GENETICS	4251X	RRX	4.2	MR	60.6	12.8	7	128.0	606	26
MIDLAND GENETICS	4488NXS	RRX,ST	4.4	R	60.2	12.9	6	131.7	602	27
DONMARIO	DM 40X61	RRX	4.0	R	60.1	12.9	17	130.0	601	28
PIONEER	P40A47X GC	RRX	4.0	R	60.0	12.5	2	127.7	600	29
LEWIS	4572X	RRX,ST	4.5	R	59.9	12.8	2	130.0	599	30

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Averages = **60.1** **12.7** **6** **125.4** **601**

LSD (0.10) = 4.7 0.3 5

LSD (0.25) = 2.4 0.2 3

C.V. = 7.4

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

Report Date: 11/09/2020

Additional reports available at www.firstseedtests.com

† 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.