

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

2021 Soybeans Top 30 Harvest Report

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

All-Season Test	Maturity Group 3.5 - 4.5 S2021MOCE01
Top 30 of 79	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Mustang Maxx, Stalwart 3w, Autumn Super
SOIL DESCRIPTION:	Haig silt loam, moderately drained, irrigated
SOIL CONDITION:	very high P, very high K, 6.1 pH, 2.9% OM, 16.9 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Anthem Maxx, Zidua, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 14 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 5 121.0 /A

TEST COMMENTS:

The location was no-till, planted in June. It was quick to get established. There were very uniform stands. There were some dry spells in July and September, while June and October were above average by >2 inches. There was no observable herbicide damage. The site had excellent weed control. It was just a good test.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH4155E3 § ↗	E3	4.1	MR	70.6	14.2	1	122.0	845	1
Golden Harvest	GH4392XF § ↗	RXF	4.3	MR	68.5	14.2	1	125.0	820	2
NK Brand	NK42-T5XF ↗	RXF	4.2	R	67.2	14.2	1	126.0	805	3
Xitavo	XO 3922E ↗	E3	3.9	R	66.8	14.1	1	118.3	800	4
Asgrow	AG40XF1 § ↗	RXF	4.0	R	66.5	14.0	1	127.7	797	5
FS HiSOY	39E10 ↗	E3	3.9	R	66.4	14.0	1	112.0	795	6
Burrus	3859E ↗	E3	3.8	R	66.3	14.2	1	126.0	794	7
Dyna-Gro	S37XF42 ↗	RXF	3.7	MR	66.2	14.3	1	122.0	793	8
Xitavo	XO 4522E ↗	E3,ST	4.5	R	65.9	14.1	1	139.3	789	10
Lewis	3513XF ↗	RXF	3.5	R	65.9	13.9	1	118.0	790	9
FS HiSOY	37E10 ↗	E3	3.7	R	65.9	14.0	1	124.0	789	11
Golden Harvest	GH3952XF ↗	RXF	3.9	R	65.6	14.1	1	114.3	786	12
Dyna-Gro	S43EN61 ↗	E3	4.3	R	65.5	14.3	1	124.5	784	13
Loyal	L3940E ↗	E3	3.9	R	65.5	14.2	1	120.3	784	14
Dyna-Gro	S41EN72 ↗	E3	4.1	R	65.3	14.1	1	116.3	782	15
Midland Genetics	3591E3 ↗	E3	3.5	MR	65.2	14.3	1	106.3	781	16
Donmario	DM3756E ↗	E3	3.7	R	65.1	14.2	1	120.0	780	17
Golden Harvest	GH4452XF § ↗	RXF,ST	4.4	MR	65.1	14.4	1	114.3	779	18
NuTech	39N05E ↗	E3	3.9	R	64.9	14.0	1	120.0	778	19
AgriGold	G3957E3 ↗	E3	3.9	R	64.9	14.2	1	120.0	777	21
Golden Harvest	GH3732XF ↗	RXF	3.7	R	64.9	13.9	1	124.0	778	20
Credenz	CZ 4241GTLL ↗	LLGT27	4.2	NA	64.8	14.2	1	124.0	776	22
Pioneer	P41T07E § ↗	E3	4.1	MR	64.7	14.1	1	130.0	775	23
NuTech	43N04E ↗	E3	4.3	R	64.4	14.2	1	128.0	771	24
Golden Harvest	GH3902E3S ↗	E3,ST	3.9	R	64.3	14.3	1	116.0	770	25
Stine	36EB32 § ↗	E3	3.6	R	64.3	14.3	1	112.0	770	26
Lewis	4211XF ↗	RXF	4.2	R	64.3	14.4	1	110.3	770	27
AgriGold	G4359E3 ↗	E3	4.3	R	64.3	14.0	1	126.0	770	28
AgriGold	G3649E3 ↗	E3	3.6	R	64.1	14.1	1	120.0	768	29
FS HiSOY	40F10 ↗	RXF	4.0	R	64.1	14.1	1	125.7	768	30

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Averages = **63.1** **14.2** **1** **121.0** **755**

LSD (0.10) = 2.9 ns ns

LSD (0.25) = 1.5 ns ns

C.V. = 4.4

Historic yield: 55.55 bu/a, 2 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$12.00; non-GMO = \$12.00

Report Date: 11/06/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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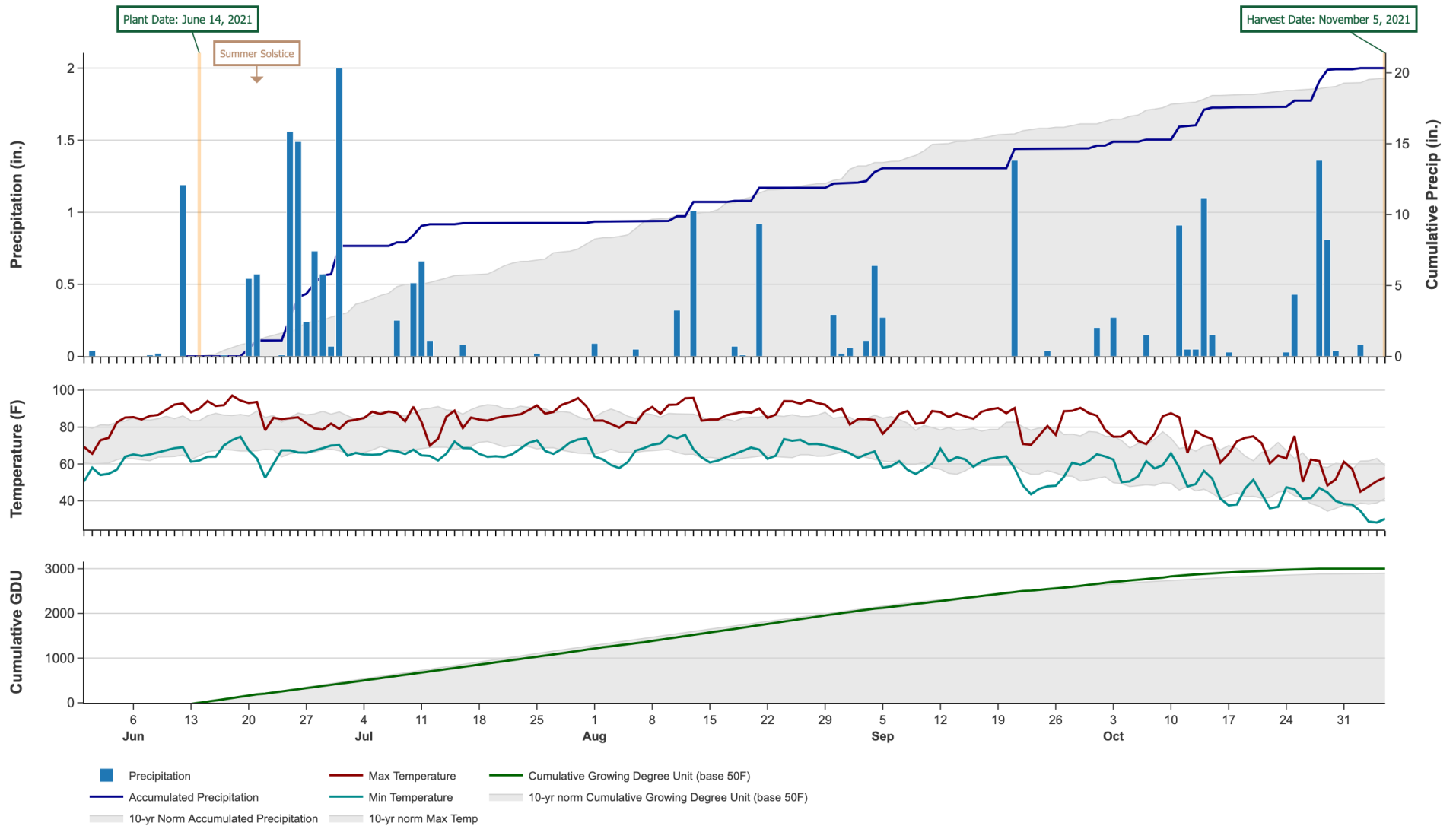
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2021 Soybeans - Missouri Central [MOCE]

Weather Conditions Summary at SWEET SPRINGS, MO

Weather Data Retrieved: 11/06/2021

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	0.0 0.3 (-0.3)	7.0 4.5 (+2.5)	3.6 5.1 (-1.5)	2.8 4.6 (-1.8)	2.5 3.9 (-1.4)	5.6 2.9 (+2.7)	0.1 0.4 (-0.3)	21.6 21.7 (-0.1)
GDU Normal (Diff)	10 20 (-10)	716 743 (-27)	795 840 (-45)	813 783 (+29)	633 577 (+55)	358 259 (+98)	0 16 (-16)	3325 3241 (+83)



* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

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All-Season Test Products (79 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgriGold	G3649E3	E3	R	3.6	ASfi,SA
AgriGold	G3755E3	E3	R	3.7	ASfi,SA
AgriGold	G3957E3	E3	R	3.9	ASfi,SA
AgriGold	G4359E3	E3	R	4.3	ASfi,SA
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG40XF1 §	RXF	R	4.0	ACi,IL
Asgrow	AG41XF2 §	RXF	R	4.1	ACi,IL
Burrus	3859E	E3	R	3.8	Treated
Credenz	CZ 3750GTLL	LLGT27	R	3.7	PV,IL,OB
Credenz	CZ 3930GTLL	LLGT27	R	3.9	PV,IL,OB
Credenz	CZ 4241GTLL	LLGT27	NA	4.2	PV,IL,OB
Donmario	DM3756E	E3	R	3.7	BPS-SDS
Donmario	DM37F51	RXF	NA	3.7	BPS-SDS
Donmario	DM3932E	E3	R	3.9	BPS-SDS
Donmario	DM40E62	E3	NA	4.0	CMBV
Donmario	DM42F62	RXF	NA	4.2	CMBV
Dyna-Gro	S37ES52	E3	R	3.7	EQV,SA
Dyna-Gro	S37XF42	RXF	MR	3.7	EQV,SA
Dyna-Gro	S40XF21S	RXF,ST	R	4.0	EQV,SA
Dyna-Gro	S41EN72	E3	R	4.1	EQV,SA
Dyna-Gro	S41ES80	E3	R	4.1	EQV,SA
Dyna-Gro	S43EN61	E3	R	4.3	EQV,SA
FS HiSOY	36F10	RXF	R	3.6	ACi,B-200
FS HiSOY	37E10	E3	R	3.7	ACi,B-200
FS HiSOY	39E10	E3	R	3.9	Treated
FS HiSOY	39F10	RXF	R	3.9	ACi,B-200
FS HiSOY	40F10	RXF	R	4.0	ACi,B-200
FS HiSOY	42E10	E3,ST	R	4.2	Treated
FS HiSOY	44F10	RXF	R	4.4	ACi,B-200
FS HiSOY	45E00	E3	R	4.5	ACi,B-200
Golden Harvest	GH3582E3	E3	R	3.5	CMBV,SA
Golden Harvest	GH3732XF	RXF	R	3.7	CMBV,SA
Golden Harvest	GH3762E3S	E3,ST	MR	3.7	CMBV,SA
Golden Harvest	GH3902E3S	E3,ST	R	3.9	CMBV,SA
Golden Harvest	GH3952XF	RXF	R	3.9	CMBV,SA
Golden Harvest	GH4155E3 §	E3	MR	4.1	CMBV,SA
Golden Harvest	GH4392XF §	RXF	MR	4.3	CMBV,SA
Golden Harvest	GH4452XFS	RXF,ST	MR	4.4	CMBV,SA
Lewis	3513XF	RXF	R	3.5	ACi
Lewis	3623XF	RXF	R	3.6	ACi
Lewis	3713XF	RXF	R	3.7	ACi
Lewis	3910XF	RXF	R	3.9	ACi

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Lewis	4004XF	RXF	R	4.0	ACi
Lewis	4211XF	RXF	R	4.2	ACi
Lewis	4304XF	RXF	R	4.3	ACi
Lewis	4413XF	RXF	R	4.3	ACi
Lewis	4424XF	RXF	R	4.4	ACi
Loyal	L3940E	E3	R	3.9	CMBV,SA
Midland Genetics	3522XF	RXF	MR	3.5	Edge-SST
Midland Genetics	3591E3	E3	MR	3.5	Edge-SST
Midland Genetics	3722XFS	RXF	MR	3.7	Edge-SST
Midland Genetics	3921XFS	RXF	R	3.9	Edge-SST
Midland Genetics	4082E3	E3	R	4.0	Edge-SST
Midland Genetics	4122XFS	RXF	MR	4.1	Edge-SST
Midland Genetics	4260E3S	E3,ST	MR	4.2	Edge-SST
Midland Genetics	4422XF	RXF	MR	4.4	Edge-SST
NK Brand	NK37-V4E3S	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK39-A1XF §	RXF	R	3.9	CMBV,SA
NK Brand	NK42-T5XF	RXF	R	4.2	CMBV,SA
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL
NuTech	39N04E	E3	R	3.9	Lum,Lu,IL
NuTech	39N05E	E3	R	3.9	Lum,Lu,IL
NuTech	43N04E	E3	R	4.3	Lum,Lu,IL
NuTech	45N04E	E3	R	4.5	Lum,Lu,IL
NuTech	45N08E	E3	R	4.5	Lum,Lu,IL
Pioneer	P38T05E §	E3	R	3.8	NA
Pioneer	P38T76E §	E3	NA	3.8	NA
Pioneer	P41T07E §	E3	MR	4.1	NA
Stine	36EB32 §	E3	R	3.6	SFI
Stine	39EC22 §	E3	R	3.9	SFI
Stine	40EC20 §	E3	R	4.0	SFI
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB
Xitavo	XO 3861E	E3,ST	R	3.8	PV,IL,OB
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB
Xitavo	XO 4371E	E3	R	4.3	PV,IL,OB
Xitavo	XO 4522E	E3,ST	R	4.5	PV,IL,OB

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®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ASfi,SA	AgriShield Max with Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
Edge-	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®,
SST	Optimize®, Saltro® (Midland Genetics)
EQV,SA	Equity VIP, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.