

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

## 2021 Soybeans Top 30 Harvest Report

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

<b>All-Season Test</b>	Maturity Group <b>3.5 - 4.5</b> S2021MOCE04
<b>Top 30 of 79</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Parallel Plus, Atrazine, Bellum, Callisto, Force 6.5g
<b>SOIL DESCRIPTION:</b>	Sioux loam, well drained, non- irrigated
<b>SOIL CONDITION:</b>	high P, very high K, 5.9 pH, 2.6% OM, 15.9 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 12 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 26 130.3 /A

### TEST COMMENTS:

*We had great soil conditions at planting. Beans emerged evenly and quickly with noticeable consistency across the entire trial. Rainfall was well spaced out, ending the growing season about 3" above normal. There were no signs of herbicide damage. There was no weed pressure, nor observable signs of disease pressure. This trial looked excellent all year.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Asgrow	AG40XF1 § ↗	RXF	4.0	R	<b>71.5</b>	16.3	6	134.0	853	1
Pioneer	P38T05E § ↗	E3	3.8	R	<b>70.7</b>	16.1	3	125.7	844	2
Donmario	DM37F51 ↗	RXF	3.7	NA	<b>70.5</b>	15.7	4	127.7	842	3
Midland Genetics	3522XF ↗	RXF	3.5	MR	<b>70.4</b>	16.0	2	133.3	841	4
Dyna-Gro	S37XF42 ↗	RXF	3.7	MR	<b>70.2</b>	16.8	1	139.3	837	5
NK Brand	NK42-T5XF ↗	RXF	4.2	R	<b>69.4</b>	16.1	1	124.0	828	6
Lewis	3513XF ↗	RXF	3.5	R	<b>69.3</b>	16.0	2	137.7	827	7
Stine	39EC22 § ↗	E3	3.9	R	<b>69.0</b>	16.3	1	127.7	823	9
Golden Harvest	GH4155E3 § ↗	E3	4.1	MR	<b>69.0</b>	15.9	2	133.3	824	8
NuTech	35N03E ↗	E3	3.5	R	<b>68.7</b>	15.9	2	131.7	820	10
NK Brand	NK39-A1XF § ↗	RXF	3.9	R	<b>68.7</b>	16.1	1	135.3	820	11
Dyna-Gro	S41ES80 ↗	E3	4.1	R	<b>68.2</b>	16.1	1	133.7	814	12
Loyal	L3940E ↗	E3	3.9	R	68.1	16.2	1	125.7	813	13
Golden Harvest	GH3762E3S ↗	E3,ST	3.7	MR	67.8	16.2	12	135.7	809	14
AgriGold	G3957E3 ↗	E3	3.9	R	67.7	16.5	1	135.3	808	15
FS HiSOY	37E10 ↗	E3	3.7	R	67.6	15.5	3	132.0	808	16
FS HiSOY	36F10 ↗	RXF	3.6	R	67.5	15.9	3	128.0	806	18
Burrus	3859E ↗	E3	3.8	R	67.5	15.5	1	126.0	807	17
Dyna-Gro	S41EN72 ↗	E3	4.1	R	67.4	16.4	10	122.0	804	19
Xitavo	XO 3651E ↗	E3	3.6	R	67.4	16.6	1	133.7	804	20
FS HiSOY	39E10 ↗	E3	3.9	R	67.3	15.6	1	133.3	804	21
Lewis	3623XF ↗	RXF	3.6	R	67.2	15.8	4	130.0	803	22
Golden Harvest	GH3582E3 ↗	E3	3.5	R	67.1	16.0	2	141.3	801	24
NuTech	39N04E ↗	E3	3.9	R	67.1	15.3	1	131.7	802	23
NuTech	45N08E ↗	E3	4.5	R	67.1	16.4	2	133.7	801	25
Donmario	DM3756E ↗	E3	3.7	R	67.0	16.0	1	131.7	800	26
AgriGold	G4359E3 ↗	E3	4.3	R	66.8	15.7	14	135.7	798	27
Golden Harvest	GH3952XF ↗	RXF	3.9	R	66.6	16.1	2	135.7	795	28
AgriGold	G3755E3 ↗	E3	3.7	R	66.6	16.4	7	133.7	795	29
Golden Harvest	GH3902E3S ↗	E3,ST	3.9	R	66.1	16.2	9	122.0	789	30

*William Schelp*

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Averages = **64.3** **16.1** **5** **130.3** **767**

LSD (0.10) = 4.2 0.4 6

LSD (0.25) = 2.2 0.2 3

C.V. = 6.3

Historic yield: 60.04 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: 10/29/2021

† 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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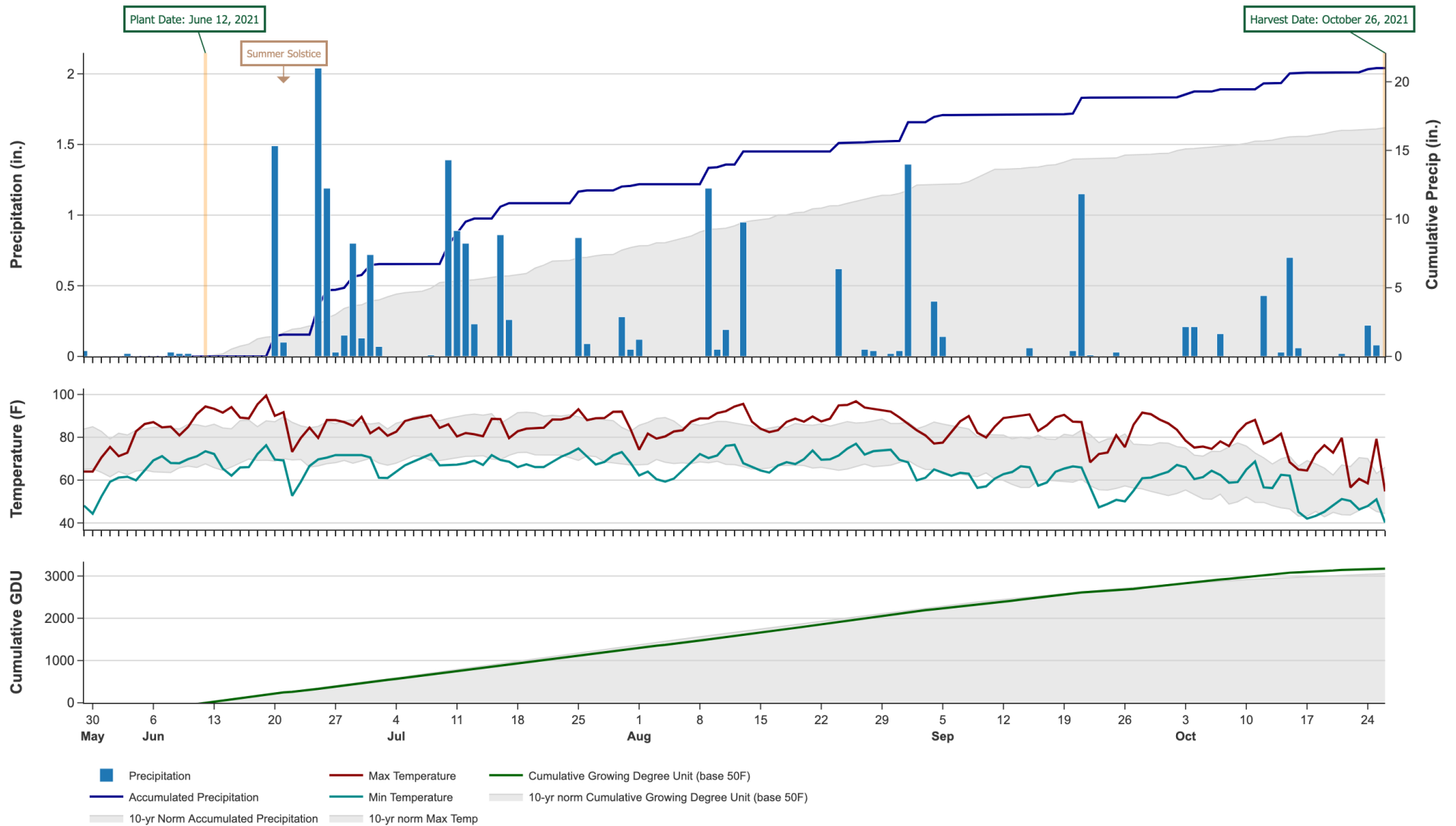
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# 2021 Soybeans - Missouri Central [ MOCE ]

## Weather Conditions Summary at PORTAGE DES SIOUX, MO

Weather Data Retrieved: 10/29/2021

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.0   0.3 (-0.3)	6.0   5.0 (+1.0)	6.5   4.2 (+2.3)	3.3   4.0 (-0.7)	3.2   2.9 (+0.3)	2.1   1.9 (+0.2)	21.1   18.2 (+2.9)
GDU   Normal (Diff)	25   72 (-47)	762   772 (-10)	818   866 (-48)	832   814 (+17)	645   613 (+31)	405   277 (+127)	3487   3417 (+69)



\* 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

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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®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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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

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