

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

## 2022 Soybeans Top 30 Harvest Report

Missouri Central [MOCE] NEW FRANKLIN, MO

Randy & Danny Kircher, Howard County, MO 65274

<b>Early-Season Test</b>	Maturity Group <b>3.4 - 3.9</b> S2022MOCE02a
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of ( ) Replications
<b>PREV. CROP/HERB:</b>	Corn / NA
<b>SOIL DESCRIPTION:</b>	Lowmo silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 5.4 pH, 1.8% OM, 13.0 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEDED - RATE - ROW:</b>	Jun 16 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	

### TEST COMMENTS:

*After planting this site on June 16th, this location did not accumulate over an inch of precipitation until July 25th. Unfortunately, emergence was very uneven and delayed in areas of the field. Stand counts revealed a range of 30k – 130k on a per-plot basis. Season rainfall was about half of normal. Determination was made to not take this trial to harvest due to extreme variability.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
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**Lost to severe drought conditions**

*William Schelp*

William Schelp

william.schelp@firstseedtests.com, (573) 819-7968

Averages =

LSD (0.10) = ns ns ns

LSD (0.25) = ns ns ns

C.V. =

Historic yield: 67.1 bu/a, 1 yr(s)

**Yield & Income Factors:**

Base Moisture = 15%

Shrink = 1.2

Drying = \$0.00

Prices: GMO = \$9.00

Report Date: 11/09/2022

† 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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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## 2022 Soybeans Top 30 Harvest Report

Missouri Central [MOCE] NEW FRANKLIN, MO

Randy & Danny Kircher, Howard County, MO 65274

<b>Full-Season Test</b>	Maturity Group <b>4.0 - 4.5</b> S2022MOCE02b
<b>Top 30 of 32</b>	For Gross Income (Sorted by Yield) Average of ( ) Replications
<b>PREV. CROP/HERB:</b>	Corn / NA
<b>SOIL DESCRIPTION:</b>	Lowmo silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 5.4 pH, 1.8% OM, 13.0 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEDED - RATE - ROW:</b>	Jun 16 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	

### TEST COMMENTS:

*After planting this site on June 16th, this location did not accumulate over an inch of precipitation until July 25th. Unfortunately, emergence was very uneven and delayed in areas of the field. Stand counts revealed a range of 30k – 130k on a per-plot basis. Season rainfall was about half of normal. Determination was made to not take this trial to harvest due to extreme variability.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
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**Lost to severe drought conditions**

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Averages =

LSD (0.10) = ns ns ns

LSD (0.25) = ns ns ns

C.V. =

Historic yield: 67.1 bu/a, 1 yr(s)

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Base Moisture = 15%

Shrink = 1.2

Drying = \$0.00

Prices: GMO = \$9.00

Report Date: 11/09/2022

† 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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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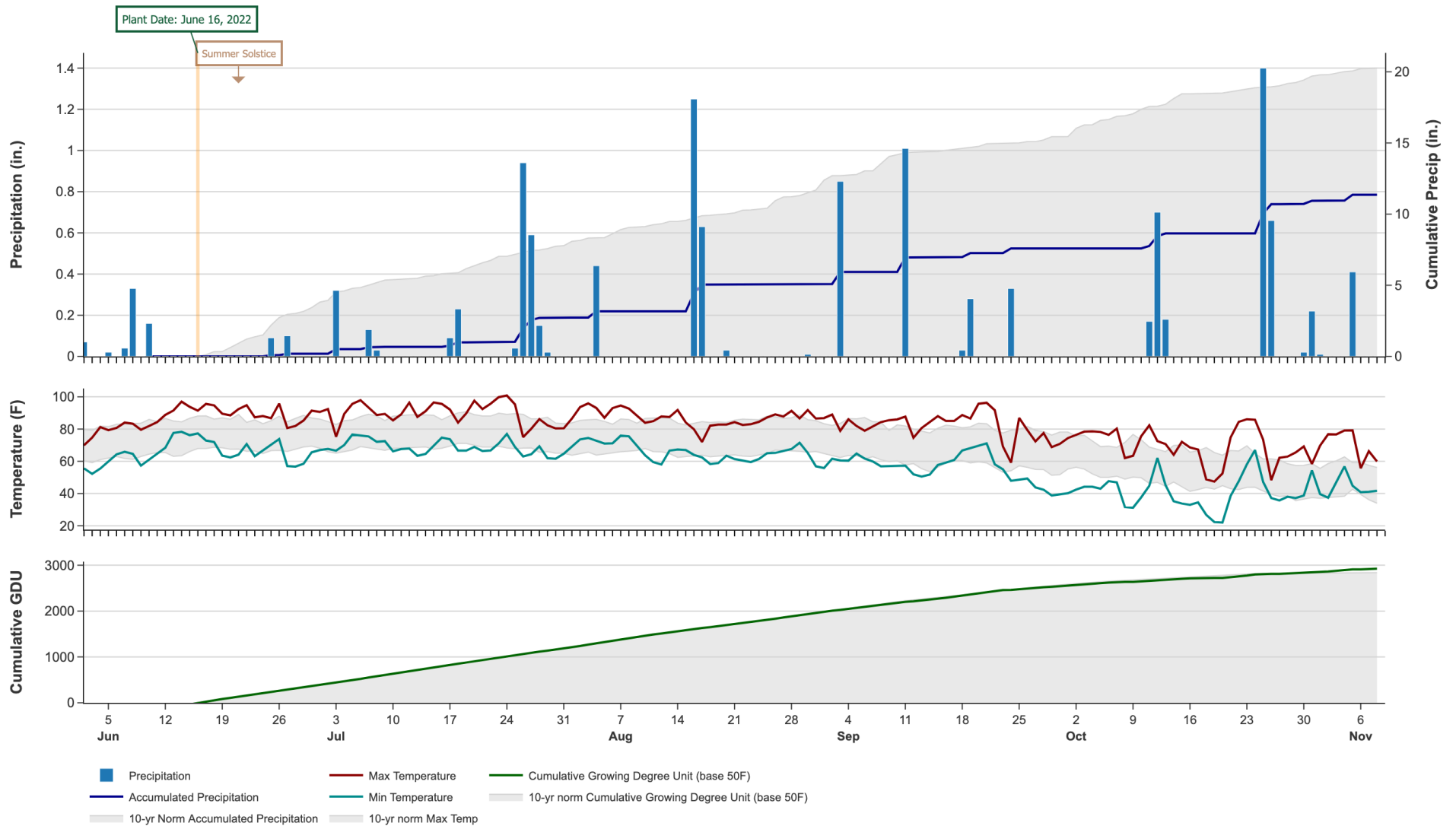
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2022 Soybeans - Missouri Central [ MOCE ]

## Weather Conditions Summary at NEW FRANKLIN, MO

Weather Data Retrieved: 11/09/2022

Monthly Total	Jun*	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   Normal (Diff)	0.8   5.2 (-4.4)	2.5   4.3 (-1.8)	2.4   3.9 (-1.6)	2.5   3.8 (-1.2)	3.4   4.3 (-0.9)	0.4   0.6 (-0.1)	12.0   22.1 (-10.1)
GDU   Normal (Diff)	709   720 (-11)	825   829 (-4)	782   774 (+7)	577   595 (-18)	302   257 (+44)	82   10 (+71)	3277   3188 (+88)



\* 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.

## 2022 Soybeans - Missouri Central [ MOCE ]

### Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV38V3E	E3	MR	3.8	F,I,SA
AgVenture	AV39Y3E	E3	MR	3.9	F,I,SA
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Burrus	3886F	RXF	R	3.8	NA
DONMARIO	DM37E43S	E3,ST	R	3.7	CMBV
DONMARIO	DM3932E	E3	R	3.9	CMBV
Dyna-Gro	S37ES52	E3,ST	R	3.7	EQV,Sa,Va
Dyna-Gro	S37XF33	RXF	MR	3.7	EQV,Sa,Va
Dyna-Gro	S38XF22S	RXF,ST	MR	3.8	EQV,Sa,Va
FS HiSOY	HS 37E10	E3,ST	R	3.7	ACi,SA,B-200
FS HiSOY	HS 37F00	RXF	R	3.7	ACi,SA,B-200
FS HiSOY	HS 38E20	E3,ST	R	3.8	ACi,SA,B-200
FS HiSOY	HS 38F20	RXF	R	3.8	ACi,SA,B-200
Golden Harvest	GH3762E3S §	E3,ST	MR	3.7	CMBV,SA
Golden Harvest	GH3902E3S	E3,ST	R	3.9	CMBV,SA
Lewis	3623XF	RXF	R	3.6	ACi
Lewis	3834XF	RXF	R	3.8	ACi
Lewis	3910XF	RXF	R	3.9	ACi
Midland Genetics	3522XF	RXF	MR	3.5	Edge-SST
Midland Genetics	3742 E3S	E3,ST	R	3.7	Edge-SST
Midland Genetics	38X63	RXF,ST	MR	3.7	Edge-SST
Midland Genetics	39E83	E3,ST	MR	3.9	Edge-SST
NK Brand	NK38-D2E3S	E3,ST	R	3.8	NA
NK Brand	NK39-T5E3S	E3,ST	R	3.9	CMBV,SA
NuTech	34N02E	E3	R	3.4	Lum,Lu,IL
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL
NuTech	39N07E	E3	R	3.9	Lum,Lu,IL
Pioneer	P37T33E §	E3	MR	3.7	NA
Pioneer	P38T76E §	E3	NA	3.8	NA
Pioneer	P42A84E CK	E3	R	4.2	NA
Stine	38EF32 §	E3	R	3.8	SFI
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB,Rey
Xitavo	XO 3752E	E3	R	3.7	PV,IL,OB,Rey
Xitavo	XO 3861E	E3	R	3.8	PV,IL,OB,Rey

## 2022 Soybeans - Missouri Central [ MOCE ]

### Full-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV41Y5E	E3	MR	4.1	F,I,SA
AgVenture	AV43V6E	E3	MR	4.3	F,I,SA
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi
Asgrow	AG45XF3 §	RXF,ST	R	4.5	ACi,IL
DONMARIO	DM41E73	E3	R	4.1	CMBV
DONMARIO	DM41F33S	RXF,ST	R	4.1	CMBV
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
Dyna-Gro	S42XF93S	RXF,ST	MR	4.2	EQV,Sa,Va
FS HiSOY	HS 41E20	E3	R	4.1	ACi,SA,B-200
FS HiSOY	HS 42F10	RXF	R	4.2	ACi,SA,B-200
FS HiSOY	HS 43E20	E3	R	4.3	ACi,SA,B-200
FS HiSOY	HS 44F20	RXF	R	4.4	ACi,SA,B-200
Golden Harvest	GH4093E3 §	E3	R	4.0	CMBV,SA
Golden Harvest	GH4155E3	E3	MR	4.1	CMBV,SA
Lewis	4035XF	RXF	R	4.0	NA
Lewis	4211XF	RXF,ST	R	4.2	ACi
Lewis	4304XF	RXF	R	4.3	ACi
Lewis	4533XF	RXF	R	4.5	ACi
Midland Genetics	4082E3	E3	R	4.0	Edge-SST
Midland Genetics	4260E3S	E3,ST	MR	4.2	Edge-SST
Midland Genetics	4422XF	RXF	MR	4.4	Edge-SST
NK Brand	NK40-P5E3	E3	R	4.0	CMBV,SA
NK Brand	NK43-P7E3S §	E3,ST	R	4.3	CMBV,SA
NuTech	40N02E	E3	R	4.0	Lum,Lu,IL
NuTech	43N04E	E3	R	4.3	Lum,Lu,IL
NuTech	45N09E	E3	R	4.5	Lum,Lu,IL
Pioneer	P42A84E CK	E3	R	4.2	NA
Stine	41EE62 §	E3	R	4.1	SFI
Stine	44EE20 §	E3	R	4.4	SFI
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB,Rey
Xitavo	XO 4371E	E3	R	4.3	PV,IL,OB,Rey
Xitavo	XO 4522E	E3	R	4.5	PV,IL,OB,Rey

## 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
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,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Salstro®, B-200 SAT
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Salstro®
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Salstro® (Midland Genetics)
EQV,Sa,Va	Equity VIP, Salstro®, Vayantis
F,I,SA	Fungicide, Insecticide, Salstro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I

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