

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

2023 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] PERRY, MO

Scott & Mark Hodges, Ralls County, MO

Early-Season Test	107 - 112 Day CRM B2023MOCE04a
Top 30 of 32	For Gross Income (Sorted by Yield) Average of () Replications
PREV. CROP/HERB:	Soybeans / Cloak Ee, Anthem Maxx, Liberty
SOIL DESCRIPTION:	Putman silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, medium K, 5.9 pH, 2.5% OM, 13.6 CEC
PEST MANAGEMENT:	Fultime Nxt, Callisto, Force 6.5g
FERTILITY - Applied N:	165 Fall, 11 Spring
Applied N-P-K (units):	176-52-62
SEEDED - RATE - ROW:	Apr 12 32.4 /A 30" spacing
HARVESTED - STAND:	

TEST COMMENTS:

We had timely planting with a perfect stand. There was extremely limited rainfall and drought stress followed. At harvest the field average was 46 bpa. The decision was made not to take to yield due to severe drought.

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

William Schelp

William Schelp

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Averages =

LSD (0.10) = ns ns ns

LSD (0.25) = ns ns ns

C.V. =

Historic yield: 208.82 bu/a, 5 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.035

Prices: GMO = \$4.60

Report Date: 09/22/2023

† 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

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Additional reports available at www.firstseedtests.com

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2023 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] PERRY, MO
Scott & Mark Hodges, Ralls County, MO

Full-Season Test	113 - 118 Day CRM B2023MOCE04b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of () Replications
PREV. CROP/HERB:	Soybeans / Cloak Ee, Anthem Maxx, Liberty
SOIL DESCRIPTION:	Putman silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, medium K, 5.9 pH, 2.5% OM, 13.6 CEC
PEST MANAGEMENT:	Fultime Nxt, Callisto, Force 6.5g
FERTILITY - Applied N:	165 Fall, 11 Spring
Applied N-P-K (units):	176-52-62
SEEDED - RATE - ROW:	Apr 12 32.4 /A 30" spacing
HARVESTED - STAND:	

TEST COMMENTS:

We had timely planting with a perfect stand. There was extremely limited rainfall and drought stress followed. At harvest the field average was 46 bpa. The decision was made not to take to yield due to severe drought.

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Lost due to severe drought									

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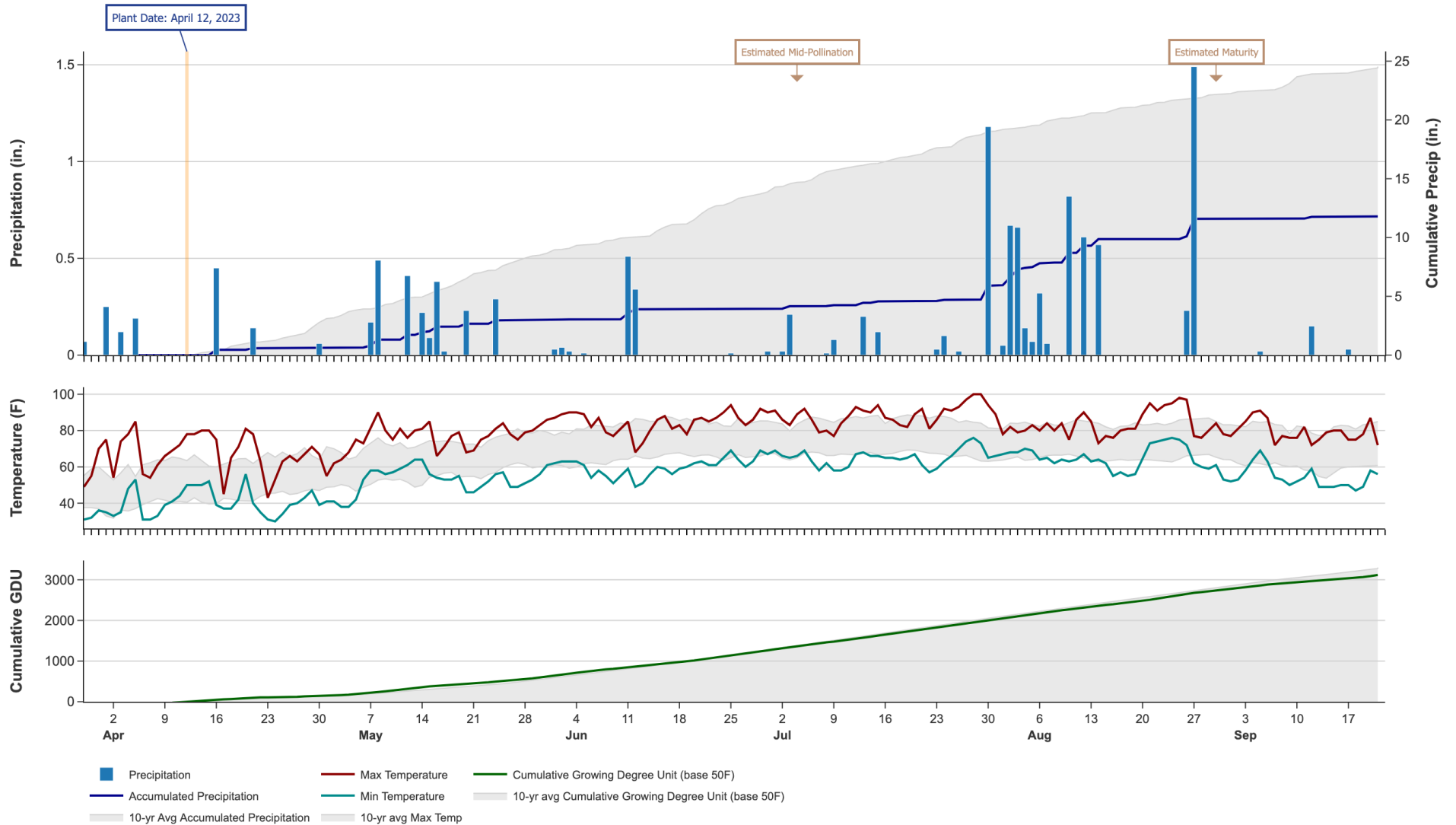
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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2023 Corn - Missouri Central [MOCE]

Weather Conditions Summary at PERRY, MO

Monthly Total	Mar*	Apr	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.1 0.6 (-0.6)	1.2 4.5 (-3.2)	2.3 5.9 (-3.6)	1.0 5.2 (-4.2)	2.0 5.2 (-3.2)	5.7 3.2 (+2.5)	0.2 2.3 (-2.1)	12.4 26.8 (-14.4)
GDU Avg (Diff)	10 0 (+10)	250 175 (+74)	466 435 (+30)	648 720 (-72)	772 799 (-27)	717 753 (-36)	364 464 (-100)	3227 3348 (-121)



* 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.

2023 Corn - Missouri Central [MOCE]

Early-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A642-05VT2RIB	VT2P	Y	112	AC,P5V
AgVenture	AV2411AM	AM	Y	111	Lum, L1
AgVenture	AV6010AM	AM	Y	110	Lum, L1
AgVenture	AV9412AM	AM	Y	112	Lum, L1
Burrus	5A84 VT2P	VT2P	Y	111	Lum, L1-2023
Burrus	POWER PLUS 5J21AM	AM	Y	110	Lum, L1
Channel	211-11VT2PRIB	VT2P	Y*	111	AC,P5V
Channel	212-52SSPRIB	STX	Y	112	AC,P5V,EDC-B
DeKalb	DKC59-82RIB	VT2P	Y	109	Treated
FS InVision	FS 5835V RIB	VT2P	Y	108	AC,P5V,EDC-EL
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V,EDC-EL
FS InVision	FS 6137PC	PCE	N	111	CM,C2,Vi,Va
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Lewis	11DT912 TRE	TRE	Y	111	AC,P5,B360
Lewis	12DT302	TRE	Y	112	AC,P5,B360
Mustang	429PR RIB	VT2P	Y	110	Edge 500
Mustang	570PR RIB	VT2P	Y	112	Edge 500
NK Brand	NK1040-AA	AA	Y	110	CM,C5,Va
NK Brand	NK1082-DV	DV	Y	110	AVC,C1,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Va
NuTech	68A7AM	AM	Y	108	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	71A2AM	AM	Y	111	Lum, L1
NuTech	72A8AM	AM	Y	112	Lum, L1
NuTech	72D4AM	AM	Y	112	Lum, L1
Pioneer	P1077AM	AM	Y	110	Treated
Pioneer	P1222AM	AM	Y	112	Treated
ProHarvest	81P65 D	D	Y	111	AC,P2
ProHarvest	81P92 TRERIB	TRE	Y	111	AC,P5V,Va

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2023 Corn - Missouri Central [MOCE]

Full-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV2816AM	AM	Y	116	Lum, L1
AgVenture	AV3213AM	AM	Y	113	Lum, L1
AgVenture	AV3514AML	AML	Y	114	Lum, L1
AgVenture	AV3715AM	AM	Y	115	Lum, L1
Burrus	7F33 VT2P	VT2P	Y	114	Lum, L1-2023
Burrus	7P71 VT2P	VT2P	Y	115	AC,P5V,EDC-B
Channel	214-78DGV2PRIB	VT2PDG	Y	114	AC,P5V
Dyna-Gro	D56TC44RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V,EDC-EL
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V,EDC-EL
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,EDC-EL
Golden Harvest	G14B32-DV	DV	Y	114	AVC,C1,Va
Golden Harvest	G17B31-V	V	Y	117	CM,C5,Va
Lewis	14DT603	TRE	Y	114	AC,P5,B360
Lewis	15DT512	TRE	Y	115	AC,P5,B360
Lewis	17DP651	VT2P	Y	117	AC,P5,B360
Mustang	662TRE RIB	TRE	Y	113	Edge 500
Mustang	82R14	VT2P	Y	114	Edge 500
Mustang	83A15	TRE	Y	115	Edge 500
Mustang	93R18	TRE	Y	118	Edge 500
Mustang	97113	VT2PDG	Y	113	Edge 500
NK Brand	NK1523-V	V	Y	115	CM,C5,Va
NuTech	73A4AM	AM	Y	113	Lum, L1
NuTech	74A9AM	AM	Y	114	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
NuTech	75C1AM	AM	Y	115	Lum, L1
NuTech	77A5AM	AM	Y	117	Lum, L1
Pioneer	P1222AM	AM	Y	112	Treated
ProHarvest	8360 VT2PRIB	VT2P	Y*	113	AC,P5V,Va
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

Corn Technologies

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Edge 500	Midland genetics
Lum, L1	LumiGEN, Lumisure 1250
Lum, L1-2023	LumiGEN 1250, Zeltera, Lumivia, Lumialza, Serifel®, Lumiflex, 2023
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.