

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

2025 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] MALTA BEND, MO

Robin Mull, Saline County, MO 65339

Early-Season Test	107 - 112 Day CRM B2025MOCE02a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Outlook, 2,4-D, Zidua Pro, Liberty
SOIL DESCRIPTION:	Sibley silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, high K, 6.83 pH, 3.76% OM, 8.93 CEC low S, high B, high Zn
PEST MANAGEMENT:	Atrazine, Verdict, Armezon Pro, Roundup
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-46-60
SEEDED - RATE - ROW:	Apr 17 34.4 /A 30" spacing
HARVESTED - STAND:	Sep 17 33.0 /A
PEST & DISEASE RISK:	Fusarium, Gibberella, Pythium*

TEST COMMENTS:

Mid April saw many corn acres planted in the west half of Missouri, including here. This plot exhibited excellent stand and no weed pressure. The precipitation was plentiful during the critical summer months, especially during June (over 4" rainfall) and July (over 11"). Despite a dry bias at summer's end, this site demonstrated good water holding capacity and experienced a typical dry-down. The plants were tall with great stalk quality and no lodging present. This was an excellent trial.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Heart	HT-7210TRERIB ↗	TRE	112	307.9	21.9	0	33.3	1116	1
Taylor	4412 ↗	VT4P	112	299.1	23.2	0	32.3	1072	2
FS InVision	FS 6157T RIB ↗	TRE	111	288.3	22.6	0	33.8	1039	6
NuTech	72C1PCE ↗	PCE	112	287.7	20.0	0	33.3	1059	3
ProHarvest	82P96 PCE ↗	PCE	112	284.9	20.5	0	33.3	1045	5
FS InVision	FS 6042F RIB ↗	VT4P	110	283.3	22.2	0	31.5	1024	8
Burrus	POWER PLUS 4V73AM ↗	AM	109	281.3	17.7	0	33.5	1055	4
Taylor	2212 ↗	PCE	112	279.0	19.9	0	32.5	1028	7
Merschman	2413C-30 GC ↗	PCE	113	278.1	22.0	0	33.0	1007	15
AgVenture	AV9511PCE ↗	PCE	111	274.8	18.9	0	33.5	1020	9
AgVenture	AV4112PCE ↗	PCE	112	274.5	20.7	0	33.5	1005	16
FS InVision	FS 5947T RIB ↗	TRE	109	274.3	22.0	0	33.3	993	19
NuTech	71B6PCE ↗	PCE	111	273.6	19.5	0	32.5	1011	12
Channel	209-70TRERIB ↗	TRE	109	273.2	21.0	0	33.0	997	17
NuTech	70F6PCE ↗	PCE	110	273.0	18.8	0	33.3	1015	10
ProHarvest	80P75 PCE ↗	PCE	110	271.5	18.6	0	33.0	1011	13
Taylor	8013 VT2PDG ↗	VT2PDG	112	270.7	21.8	0	33.5	982	21
NuTech	69C7PCE ↗	PCE	109	269.9	20.1	0	33.3	992	20
FS InVision	FS 6245V RIB ↗	VT2P	112	269.8	23.1	0	33.3	968	26
Burrus	5C11 PCE ↗	PCE	110	268.2	18.8	0	33.3	996	18
Pioneer	P0859AM GC ↗	AM	108	267.5	16.5	0	33.3	1012	11
FS InVision	FS 5949PC RA ↗	PCE	109	266.4	20.2	0	33.3	979	23
Pioneer	P1170AM GC ↗	AM	111	264.1	19.0	0	33.8	980	22
AgVenture	AV7710PCE ↗	PCE	110	263.8	20.6	0	32.8	966	27
AgVenture	AV6010AM ↗	AM	110	263.0	19.0	0	33.3	976	24
AgVenture	AV1009PCE ↗	PCE	109	261.8	19.9	0	33.0	965	28
Golden Harvest	G12U11-AA GC ↗	AA	112	260.9	19.6	0	32.5	963	29
Green Valley	8063PCE ↗	PCE	110	260.5	18.5	0	33.0	970	25
NuTech	69G1PCE ↗	PCE	109	255.9	20.1	0	32.3	941	30
Golden Harvest	G10U97-V GC ↗	V	110	236.0	18.6	0	33.3	878	31
PIONEER	P14830AML CK	AML	114	275.1	20.5	0	32.8	1009	14
				Averages = 272.8	20.2		33.0	1002	
				LSD (0.10) = 10.1	1.3	ns			
				LSD (0.25) = 5.3	0.7	ns			
				C.V. = 4.0					
				Historic yield: 236.32 bu/a, 6 yr(s)					

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.83

† 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. *Earthoptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

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Report Date: Sept. 22, 2025

Revised: 09/25/2025 Added historic average yield for location

Additional reports available at www.firstseedtests.com

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

2025 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] MALTA BEND, MO

Robin Mull, Saline County, MO 65339

Full-Season Test	113 - 118 Day CRM B2025MOCE02b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Outlook, 2,4-D, Zidua Pro, Liberty
SOIL DESCRIPTION:	Sibley silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, high K, 6.83 pH, 3.76% OM, 8.93 CEC low S, high B, high Zn
PEST MANAGEMENT:	Atrazine, Verdict, Armezon Pro, Roundup
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-46-60
SEEDED - RATE - ROW:	Apr 17 34.4 /A 30" spacing
HARVESTED - STAND:	Sep 17 33.0 /A
PEST & DISEASE RISK:	Fusarium, Gibberella, Pythium*

TEST COMMENTS:

Mid April saw many corn acres planted in the west half of Missouri, including here. This plot exhibited excellent stand and no weed pressure. The precipitation was plentiful during the critical summer months, especially during June (over 4" rainfall) and July (over 11"). Despite a dry bias at summer's end, this site demonstrated good water holding capacity and experienced a typical dry-down. The plants were tall with great stalk quality and no lodging present. This was an excellent trial.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6447T RIB ↗	TRE	114	304.7	22.9	0	32.5	1095	1
Taylor	6025 ↗	TRE	117	296.6	30.3	0	33.0	1000	21
FS InVision	FS 6349PC RA ↗	PCE	113	293.2	22.1	0	32.5	1060	3
Taylor	6013 ↗	TRE	113	291.4	24.8	0	32.8	1031	8
Channel	215-70TRERIB ↗	TRE	115	291.3	24.4	0	33.3	1033	7
NuTech	73J1V ↗	VE	113	290.6	20.9	0	33.3	1061	2
Green Valley	8352 ↗	VT2P	113	288.9	21.7	0	33.5	1049	4
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	288.6	28.3	0	32.5	990	24
FS InVision	FS 6545V RIB ↗	VT2P	115	288.2	22.3	0	33.0	1041	5
AgVenture	AV2116PCE ↗	PCE	116	286.0	23.9	0	32.5	1019	12
NuTech	75A8PCE ↗	PCE	115	284.6	23.6	0	33.5	1017	13
Green Valley	8353PCE ↗	PCE	113	284.6	21.9	0	33.3	1031	9
AgVenture	AV6115PCE ↗	PCE	115	284.4	24.0	0	33.0	1012	16
Taylor	6015 ↗	TRE	115	284.1	24.2	0	32.0	1010	17
NuTech	74A5PCE ↗	PCE	114	283.8	22.6	0	33.5	1022	11
Pioneer	P13777PCE GC ↗	PCE	113	283.3	22.1	0	32.8	1025	10
NuTech	77B1PCE ↗	PCE	117	283.2	24.7	0	33.3	1002	19
Burrus	8K34 VT2P ↗	VT2P	116	283.2	26.7	0	32.5	985	26
AgVenture	AV6117PCUE ↗	PCUE	117	282.5	23.5	0	32.5	1010	18
Burrus	7B14 PCE ↗	PCE	114	281.1	24.0	0	32.8	1001	20
AgriGold	A643-52VT2RIB GC ↗	VT2P	113	280.5	22.2	0	33.0	1014	14
AgVenture	AV3514AML ↗	AML	114	280.1	24.6	0	32.8	992	23
DeKalb	DKC117-78RIB GC ↗	VT2P	117	278.6	24.5	0	33.5	988	25
FS InVision	FS 6627T RIB ↗	TRE	116	277.9	23.1	0	32.3	997	22
Channel	214-78DGV2PRIB ↗	VT2PDG	114	277.5	26.6	0	33.5	966	30
Taylor	EXP C-116-25 ↗	VT2P	116	277.0	25.7	0	33.0	972	29
NuTech	73B2V ↗	VE	113	276.6	20.5	0	33.3	1014	15
DeKalb	DKC64-22RIB GC ↗	VT2P	114	273.4	23.8	0	32.3	975	27
Pioneer	P13050AM GC ↗	AM	113	267.8	21.3	0	33.0	975	28
Taylor	2215 ↗	PCE	115	267.8	23.3	0	33.3	959	31
PIONEER	P14830AML CK	AML	114	286.1	21.7	0	33.8	1039	6
				Averages = 281.9	24.4		33.0	1000	
				LSD (0.10) =	8.3	1.4	ns		
				LSD (0.25) =	4.4	0.7	ns		
				C.V. =	3.2				
				Historic yield: 236.32 bu/a, 6 yr(s)					

William Schelp

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.83

Report Date: Sept. 22, 2025

Revised: 09/25/2025 Added historic average yield for location

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. ^{*}Earthoptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

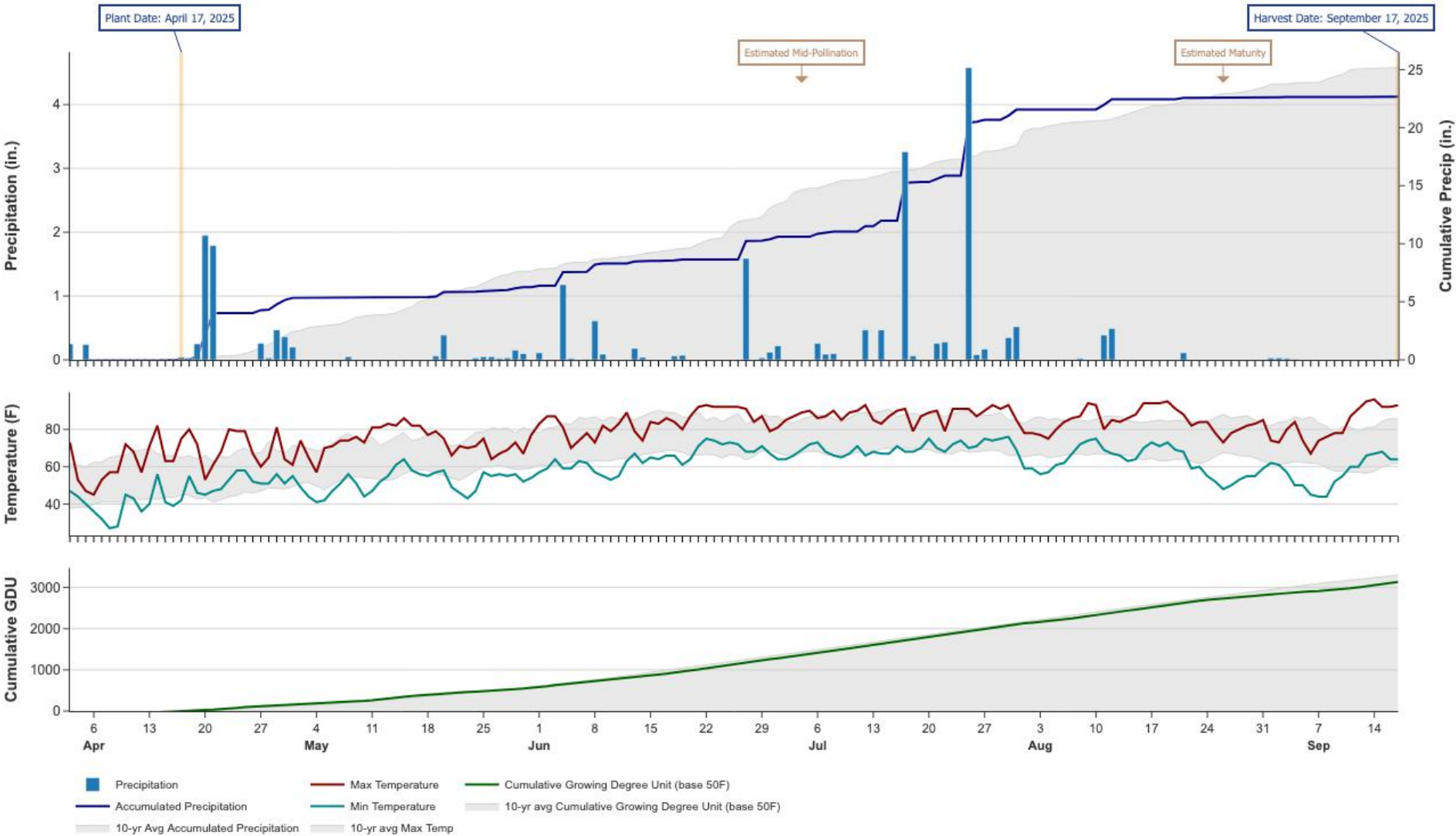
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2025 Corn - Missouri Central [MOCE]

Weather Conditions Summary at MALTA BEND, MO

Weather Data Retrieved: 09/25/2025

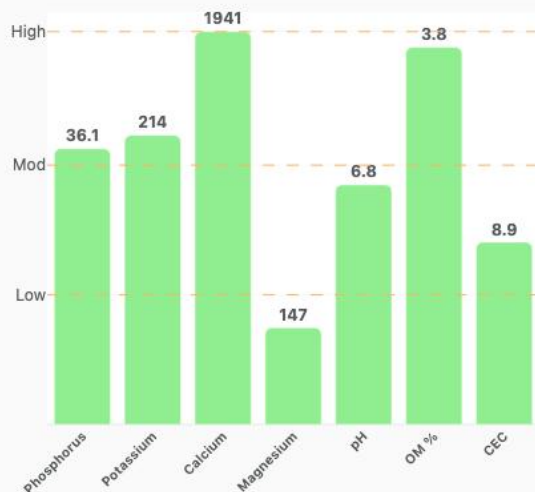
Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	5.7 3.1 (+2.5)	1.1 5.5 (-4.4)	4.1 5.5 (-1.4)	11.2 5.4 (+5.8)	1.0 5.0 (-4.0)	0.1 1.7 (-1.6)	23.2 26.2 (-3.0)
GDU Avg (Diff)	232 207 (+24)	415 469 (-54)	700 747 (-47)	850 830 (+19)	702 776 (-74)	323 364 (-41)	3222 3395 (-173)



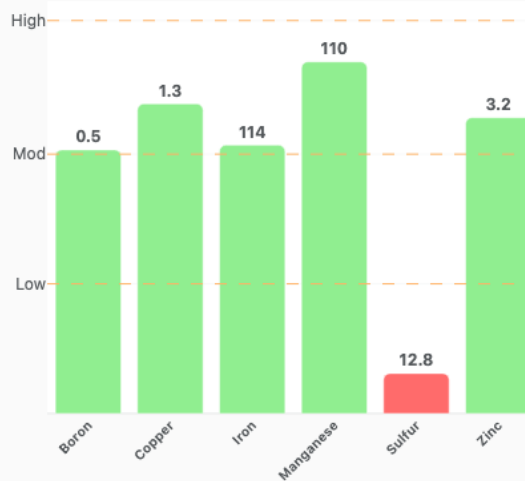
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

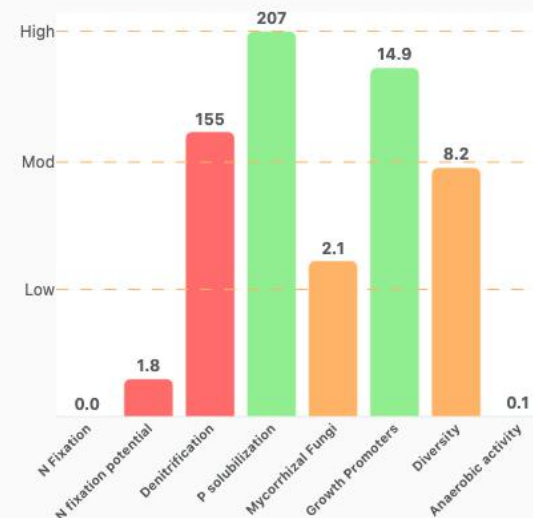
Macronutrients



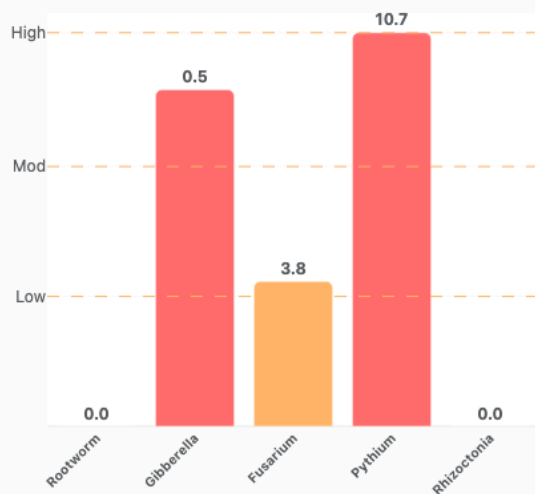
Micronutrients



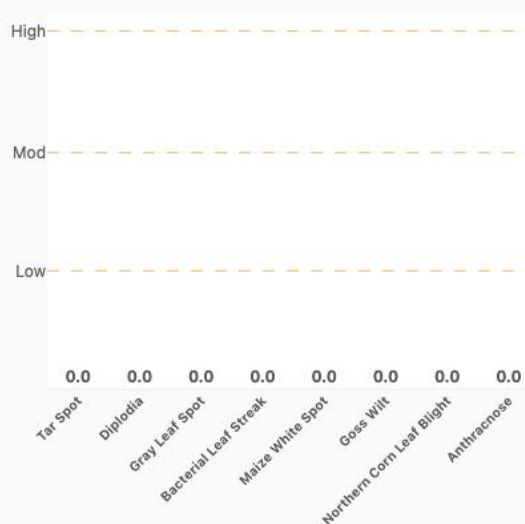
Biofertility Analytics



Below Ground Pest & Disease - Corn



Above Ground Pest & Disease - Corn



More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

2025 Corn - Missouri Central [MOCE]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV1009PCE	PCE	Y	109	Lum, L1
AgVenture	AV4112PCE	PCE	Y	112	Lum, L1
AgVenture	AV6010AM	AM	Y	110	Lum, L1
AgVenture	AV7710PCE	PCE	Y	110	Lum, L1
AgVenture	AV9511PCE	PCE	Y	111	Lum, L1
Burrus	5C11 PCE	PCE	Y	110	BPS
Burrus	POWER PLUS 4V73AM	AM	Y	109	BPS
Channel	209-70TRERIB	TRE	Y	109	AC,P5V,EDC-EL
FS InVision	FS 5947T RIB	TRE	Y	109	AC,P5V,Va
FS InVision	FS 5949PC RA	PCE	Y	109	AC,P5V,Va
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,Va
FS InVision	FS 6157T RIB	TRE	Y	111	AC,P2
FS InVision	FS 6245V RIB	VT2P	Y	112	AC,P5V,Va
Golden Harvest	G10U97-V GC	V	Y	110	Treated
Golden Harvest	G12U11-AA GC	AA	Y	112	Treated
Great Heart	HT-7210TRERIB	TRE	N	112	F,I,B
Green Valley	8063PCE	PCE	Y	110	Lum,P5V
Merschman	2413C-30 GC	PCE	Y	113	SL
NuTech	69C7PCE	PCE	Y	109	Lum, L1
NuTech	69G1PCE	PCE	Y	109	Lum, L1
NuTech	70F6PCE	PCE	Y	110	Lum, L1
NuTech	71B6PCE	PCE	Y	111	Lum, L1
NuTech	72C1PCE	PCE	Y	112	Lum, L1
Pioneer	P0859AM GC	AM	Y	108	Lum, L1
Pioneer	P1170AM GC	AM	Y	111	Lum, L1
Pioneer	P14830AML CK	AML	Y	114	Lum, L1
ProHarvest	80P75 PCE	PCE	Y	110	CM,C2,Vi
ProHarvest	82P96 PCE	PCE	Y	112	CM,C2,Vi
Taylor	2212	PCE	Y	112	CM,C2,Vi5
Taylor	4412	VT4P	N	112	CM,C2,Vi5
Taylor	8013 VT2PDG	VT2PDG	N*	112	CM,C2,Vi5

* 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.

2025 Corn - Missouri Central [MOCE]

Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A643-52VT2RIB GC	VT2P	Y	113	NA
AgriGold	A645-16VT2RIB GC	VT2P	Y	115	NA
AgVenture	AV2116PCE	PCE	Y	116	Lum, L1
AgVenture	AV3514AML	AML	Y	114	Lum, L1
AgVenture	AV4713PCE	PCE	Y	113	Lum, L1
AgVenture	AV6115PCE	PCE	Y	115	Lum, L1
AgVenture	AV6117PCUE	PCUE	Y	117	Lum, L1
Burrus	7B14 PCE	PCE	Y	114	BPS
Burrus	8K34 VT2P	VT2P	Y	116	AC,P5V,EDC-B
Channel	214-78DGV2PRIB	VT2PDG	Y	114	AC,P5V,EDC-B
Channel	215-70TRERIB	TRE	Y	115	AC,P5V,EDC-EL
Channel	218-66VT2PRIB	VT2P	Y	118	AC,P5V,EDC-EL
DeKalb	DKC117-78RIB GC	VT2P	Y*	117	AC,P5V
DeKalb	DKC64-22RIB GC	VT2P	Y	114	AC,P5V
FS InVision	FS 6349PC RA	PCE	Y	113	AC,P5V,Va
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,Va
FS InVision	FS 6545V RIB	VT2P	Y	115	AC,P5V,Va
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,SU
FS InVision	FS 6757T RIB	TRE	Y	117	AC,P5V,EDC-EL
Great Heart	HT-7512PCE	PCE	N	115	F,I,B
Great Heart	HT-7720TRE	TRE	N	117	F,I,B
Green Valley	8352	VT2P	Y	113	Lum,P5V
Green Valley	8353PCE	PCE	Y	113	Lum,P5V
Green Valley	8422	VT2P	Y	114	Lum,P5V
NuTech	73B2V	VE	Y	113	Lum, L1
NuTech	73J1V	VE	Y	113	Lum, L1
NuTech	74A5PCE	PCE	Y	114	Lum, L1
NuTech	75A8PCE	PCE	Y	115	Lum, L1
NuTech	77B1PCE	PCE	Y	117	Lum, L1
Pioneer	P13050AM GC	AM	Y	113	Lum, L1
Pioneer	P13777PCE GC	PCE	Y	113	Lum, L1
Pioneer	P14830AML CK	AML	Y	114	Lum, L1
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,EDC-EL
Taylor	2215	PCE	N	115	CM,C2,Vi5
Taylor	6013	TRE	Y	113	CM,C2,Vi5
Taylor	6015	TRE	N	115	CM,C2,Vi5
Taylor	6025	TRE	Y	117	CM,C2,Vi5
Taylor	EXP C-116-25	VT2P	N	116	CM,C2,Vi5

* 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.
^	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)
PCE	PowerCore® Enlist®
PCUE	PowerCore® Ultra Enlist®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

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

Corn Seed Treatments*

AC,P2	Acceleron® 250
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,SU	Acceleron® Poncho 500/Votivo, StepUp
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
BPS	Burrus PowerShield
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C2,Vi5	CruiserMaxx® 250, Vibrance Cinco
F,I,B	Fungicide, Insecticide, Biological
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
SL	Starting Line - F,I,B,Ne,Nu (Merschman Seeds)
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.