

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

2025 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] CONCORDIA, MO

Bruce Strobel, Lafayette County, MO 64020

Early-Season Test	107 - 112 Day CRM B2025MOCE01a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Anthem Maxx, Enlist
SOIL DESCRIPTION:	Macksburg silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, 6.17 pH, 3.93% OM, 16.2 CEC, high P, low K, mod. S, mod. B, high Zn
PEST MANAGEMENT:	Atrazine, Brawl 2 Atz, Capreno, Roundup, Azoxyp, Tebucan
FERTILITY - Applied N:	190 Spring
Applied N-P-K (units):	190-46-60
SEEDED - RATE - ROW:	May 10 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 3 31.9 /A
PEST & DISEASE RISK:	Fusarium, Pythium, Diplodia Ear Rot*

TEST COMMENTS:

This was a clean, no-till field that was planted just prior to warm spring temperatures. There was even emergence, and the plants continued to thrive throughout the season. Azoxyp and Tebucan fungicides were applied at this site. Timely rains occurred, with a 9" July total during pollination that helped to increase yields. A mistake during flagging left room for planting only 3 of 4 planned replicates at this location. This was a great 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	293.6	18.1	1	32.3	1097	1
Taylor	4412 ↗	VT4P	112	289.0	17.8	1	32.3	1083	2
FS InVision	FS 5947T RIB ↗	TRE	109	278.4	18.4	1	32.3	1038	6
Taylor	2212 ↗	PCE	112	276.9	16.9	1	31.7	1044	4
NuTech	71B6PCE ↗	PCE	111	275.7	16.9	1	32.7	1040	5
ProHarvest	82P96 PCE ↗	PCE	112	273.9	16.9	1	31.7	1034	7
AgVenture	AV9511PCE ↗	PCE	111	272.8	16.9	1	32.7	1029	8
FS InVision	FS 6157T RIB ↗	TRE	111	271.5	18.6	1	31.7	1011	12
NuTech	70F6PCE ↗	PCE	110	271.3	17.0	1	31.7	1023	10
AgVenture	AV6010AM ↗	AM	110	270.8	16.3	1	32.0	1027	9
Taylor	8013 VT2PDG ↗	VT2PDG	112	269.4	18.2	1	30.7	1006	13
FS InVision	FS 6042F RIB ↗	VT4P	110	269.2	17.4	1	32.3	1012	11
FS InVision	FS 6245V RIB ↗	VT2P	112	265.3	18.2	1	30.0	991	20
Channel	209-70TRERIB ↗	TRE	109	264.3	16.4	1	32.3	1001	14
Pioneer	P1170AM GC ↗	AM	111	264.0	16.9	1	32.0	996	18
Pioneer	P0859AM GC ↗	AM	108	263.7	16.2	1	31.7	1000	16
NuTech	72C1PCE ↗	PCE	112	263.7	16.6	1	32.3	998	17
FS InVision	FS 5949PC RA ↗	PCE	109	263.0	15.8	1	31.7	1001	15
AgVenture	AV4112PCE ↗	PCE	112	262.7	17.5	1	32.7	987	22
Burrus	5C11 PCE ↗	PCE	110	262.4	16.2	1	31.0	996	19
Burrus	POWER PLUS 4V73AM ↗	AM	109	262.1	16.7	1	32.3	990	21
AgVenture	AV7710PCE ↗	PCE	110	258.5	17.5	1	31.3	971	23
NuTech	69C7PCE ↗	PCE	109	254.5	17.1	1	32.0	958	24
AgVenture	AV1009PCE ↗	PCE	109	252.7	16.4	1	32.0	957	25
NuTech	69G1PCE ↗	PCE	109	252.1	16.6	1	30.3	953	27
ProHarvest	80P75 PCE ↗	PCE	110	252.1	16.2	1	32.3	956	26
Golden Harvest	G12U11-AA GC ↗	AA	112	246.2	18.0	1	32.7	921	29
Green Valley	8063PCE ↗	PCE	110	246.1	17.3	1	32.0	926	28
Golden Harvest	G10U97-V GC ↗	V	110	238.2	17.4	1	32.7	895	30
Merschman	2413C-30 GC ↗	PCE	113	217.9	18.5	1	31.3	812	31
PIONEER	P14830AML CK	AML	114	283.6	16.8	1	32.3	1071	3

William Schelp

William Schelp

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Averages = **264.1** **17.2** **1** **31.9** **994**

LSD (0.10) = 10.9 0.8 ns

LSD (0.25) = 5.7 0.4 ns

C.V. = 3.9

Historic yield: 198.28 bu/a, 4 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.83

Report Date: 10/08/2025

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 Grain Top 30 Harvest Report

Missouri Central [MOCE] CONCORDIA, MO

Bruce Strobel, Lafayette County, MO 64020

Full-Season Test	113 - 118 Day CRM B2025MOCE01b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Anthem Maxx, Enlist
SOIL DESCRIPTION:	Macksburg silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, 6.17 pH, 3.93% OM, 16.2 CEC, high P, low K, mod. S, mod. B, high Zn
PEST MANAGEMENT:	Atrazine, Brawl 2 Atz, Capreno, Roundup, Azoxyp, Tebucan
FERTILITY - Applied N:	190 Spring
Applied N-P-K (units):	190-46-60
SEEDED - RATE - ROW:	May 10 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 3 31.8 /A
PEST & DISEASE RISK:	Fusarium, Pythium, Diplodia Ear Rot*

TEST COMMENTS:

This was a clean, no-till field that was planted just prior to warm spring temperatures. There was even emergence, and the plants continued to thrive throughout the season. Azoxyp and Tebucan fungicides were applied at this site. Timely rains occurred, with a 9" July total during pollination that helped to increase yields. A mistake during flagging left room for planting only 3 of 4 planned replicates at this location. This was a great trial.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Heart	HT-7720TRE ↗	TRE	117	299.2	20.4	1	31.7	1097	2
Channel	218-66VT2PRIB ↗	VT2P	118	291.4	19.0	1	32.0	1081	6
Channel	214-78DGV2PRIB ↗	VT2PDG	114	290.6	17.7	1	32.3	1090	3
Taylor	6025 ↗	TRE	117	290.4	20.4	1	32.3	1065	8
NuTech	73J1V ↗	VE	113	286.1	16.1	1	32.7	1086	4
Green Valley	8353PCE ↗	PCE	113	286.1	16.6	1	31.3	1082	5
ProHarvest	84P78 TRERIB ↗	TRE	114	284.0	21.0	1	32.3	1037	13
FS InVision	FS 6349PC RA ↗	PCE	113	283.5	15.6	1	32.0	1080	7
FS InVision	FS 6757T RIB ↗	TRE	117	283.3	21.2	1	32.0	1032	15
Taylor	6015 ↗	TRE	115	282.3	18.9	1	32.0	1048	11
Channel	215-70TRERIB ↗	TRE	115	281.7	20.0	1	32.0	1037	14
FS InVision	FS 6447T RIB ↗	TRE	114	280.8	18.1	1	33.0	1049	10
AgVenture	AV6117PCUE ↗	PCUE	117	279.2	17.8	1	31.3	1046	12
AgVenture	AV6115PCE ↗	PCE	115	278.5	17.0	1	30.7	1050	9
Taylor	6013 ↗	TRE	113	276.2	18.3	1	32.7	1030	16
Pioneer	P13777PCE GC ↗	PCE	113	275.1	18.5	1	31.0	1025	18
AgVenture	AV3514AML ↗	AML	114	274.0	17.3	1	32.7	1030	17
Taylor	EXP C-116-25 ↗	VT2P	116	273.9	18.7	1	31.7	1019	20
Burrus	8K34 VT2P ↗	VT2P	116	273.7	20.3	1	31.7	1004	23
NuTech	73B2V ↗	VE	113	268.8	16.2	1	32.3	1020	19
Burrus	7B14 PCE ↗	PCE	114	268.7	17.2	1	32.0	1012	21
Taylor	2215 ↗	PCE	115	268.3	17.5	1	31.7	1007	22
FS InVision	FS 6627T RIB ↗	TRE	116	267.8	18.7	1	32.3	996	24
DeKalb	DKC64-22RIB GC ↗	VT2P	114	267.4	21.0	1	32.0	976	29
FS InVision	FS 6545V RIB ↗	VT2P	115	266.9	18.2	1	30.7	996	25
AgVenture	AV2116PCE ↗	PCE	116	263.8	19.3	1	32.0	977	28
AgriGold	A643-52VT2RIB GC ↗	VT2P	113	263.4	18.2	1	30.3	984	26
NuTech	75A8PCE ↗	PCE	115	261.2	17.8	1	31.7	979	27
AgVenture	AV4713PCE ↗	PCE	113	258.6	17.2	1	31.7	973	30
NuTech	74A5PCE ↗	PCE	114	258.5	17.3	1	31.0	972	31
PIONEER	P14830AML CK	AML	114	293.2	16.5	1	32.0	1110	1

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Averages = **272.7** **18.5** **1** **31.8** **1016**

LSD (0.10) = 10.8 1.0 ns

LSD (0.25) = 5.7 0.5 ns

C.V. = 3.7

Historic yield: 198.28 bu/a, 4 yr(s)

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

Report Date: 10/08/2025

Additional reports available at www.firstseedtests.com

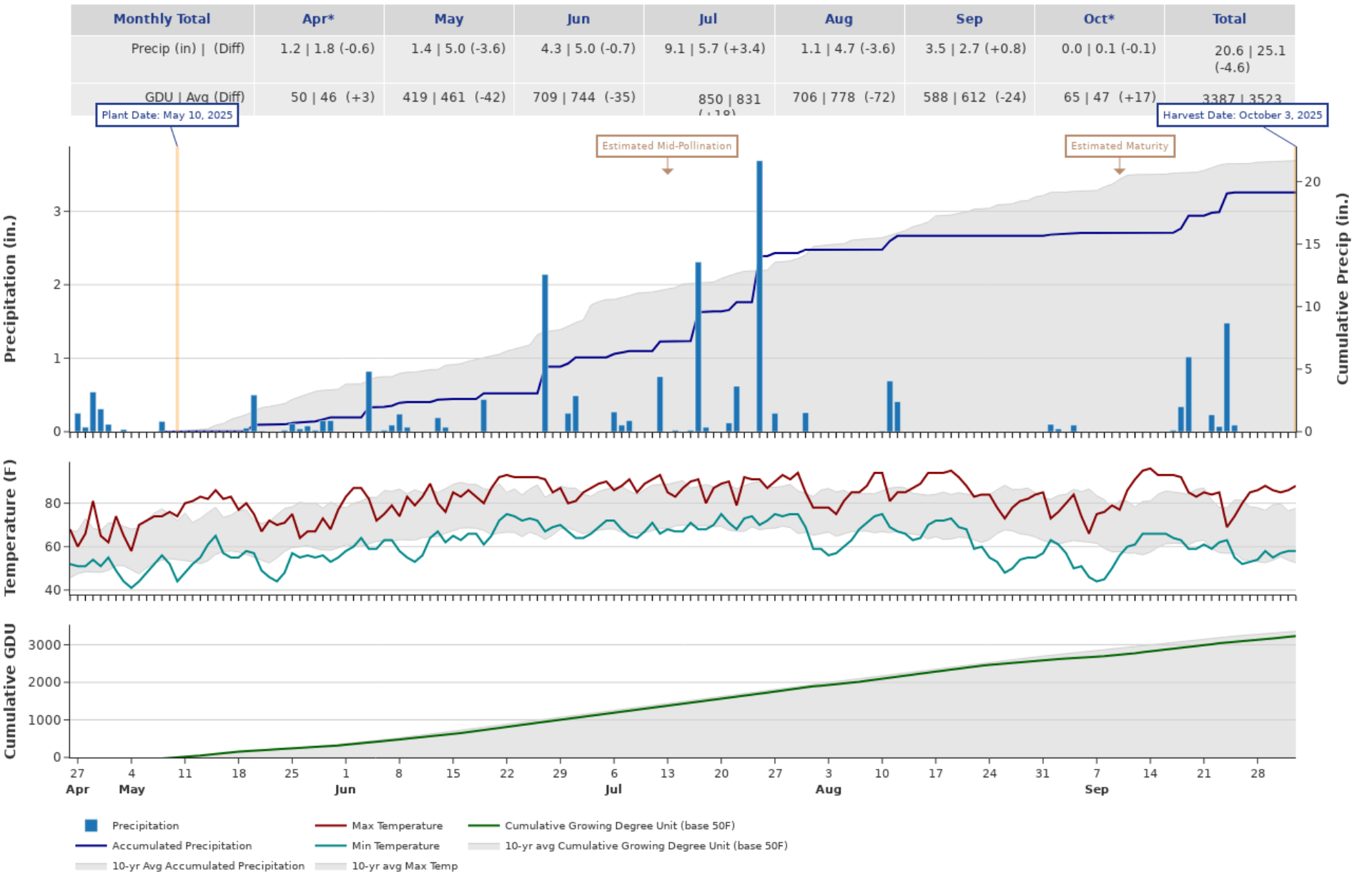
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly 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 CONCORDIA, MO

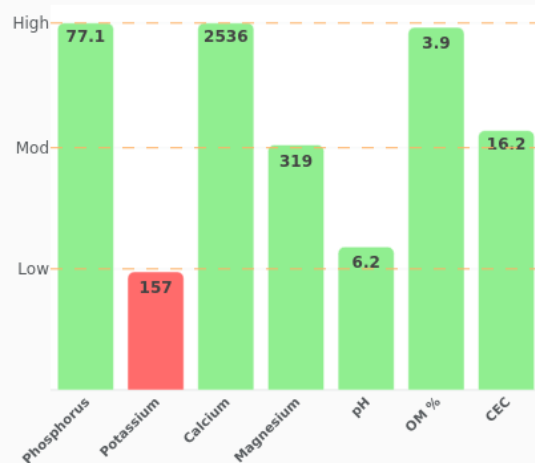
Weather Data Retrieved: 10/08/2025



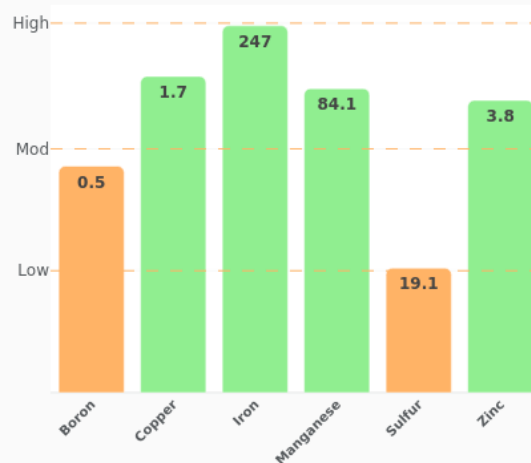
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

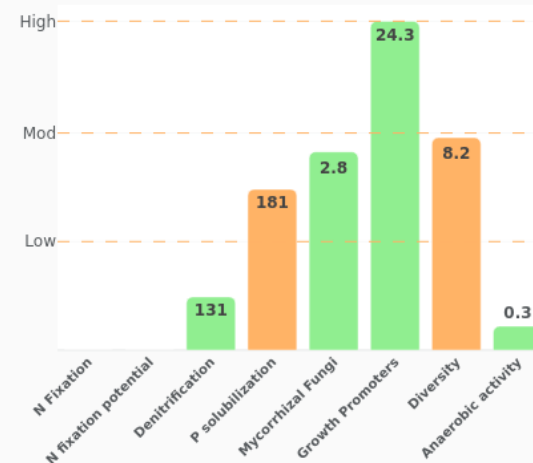
Macronutrients



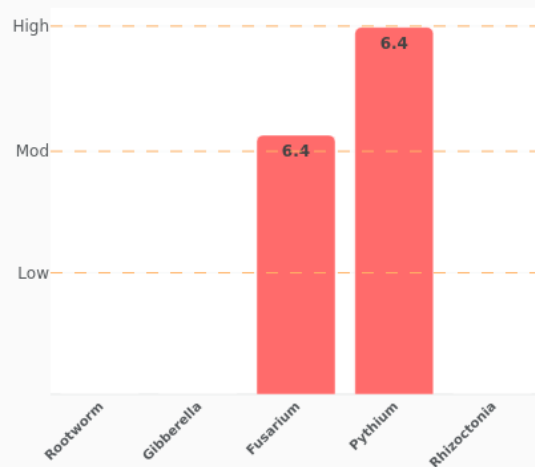
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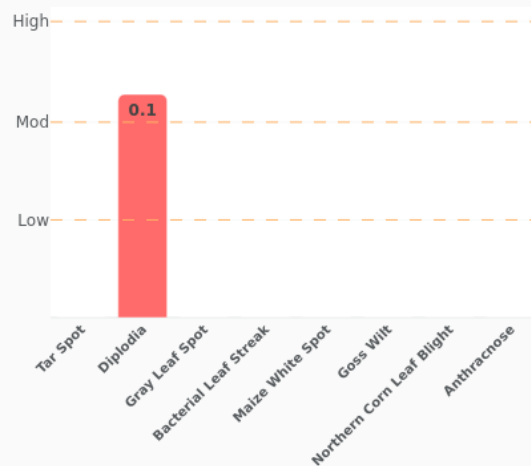
Biofertility Analytics



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	V	Y	110	Treated
Golden Harvest	G12U11-AA	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	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	AM	Y	108	Lum, L1
Pioneer	P1170AM	AM	Y	111	Lum, L1
Pioneer	P14830AML	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	VT2P	Y	113	NA
AgriGold	A645-16VT2RIB	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	VT2P	Y*	117	AC,P5V
DeKalb	DKC64-22RIB	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	AM	Y	113	Lum, L1
Pioneer	P13777PCE	PCE	Y	113	Lum, L1
Pioneer	P14830AML	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

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
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.