first farmers' independent research of seed technologies

Test by: Bottomline Seed Solutions, LLC Effingham, IL

2026 Corn Grain Top 30 Harvest Report

Missouri East [MOEA] O'FALLON, MO

Richard Dove, St. Charles County, MO

Early-Season Test	**107** - **112** Day CRM B2026MOEA01a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (**4**) Replications
PREV. CROP/HERB:	Soybeans / Liberty, Roundup Powermax, 2,4-D, Anthem Maxx
SOIL DESCRIPTION:	Moniteau silt loam, poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, 5.74 pH, 2.48% OM, 7.27 CEC, high P, high K, low S, mod. B, high Zn
CROP PROTECTION:	Degree Xtra (H), Atrazine (H), Callisto (H), Roundup Powermax (H)
FERTILITY - Applied N:	139 Spring, 10 lbs Sulfur
Applied N-P-K (units):	139-60-70
SEEDED - RATE - ROW:	May 28 34.0 /A 30" spacing
HARVESTED - STAND:	Oct 27 33.0 /A
PEST & DISEASE RISK:	Fusarium, Pythium*

TEST COMMENTS:

This conventional location was planted later in May. Emergence was good, and weed control was excellent. Plants were normal to slightly above normal in height. No lodging was seen throughout the test, although several hybrids showed signs of tar spot and crown rot. The yields were based on a hybrid's resistance to the diseases found in this area. This was a good test with a good new cooperator.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income $/Acre	Gross Income Rank
AgriGold	A642-18TRC GC ⇗	TRE	112	**195.5**	17.0	1	34.6	988	1
AgVenture	AV7612PCUE ⇗	PCUE	112	**191.5**	16.8	1	31.1	969	2
DeKalb	DKC111-35RIB GC ⇗	VT2P	111	**188.6**	17.0	1	33.9	953	3
Channel	211-11VT2PRIB GC ⇗	VT2P	111	**185.4**	17.0	1	33.9	937	4
Channel	210-71TRERIB GC ⇗	TRE	110	**183.7**	17.0	1	34.8	928	5
Hoegemeyer	8161PCE ⇗	PCE	111	181.2	16.8	1	32.5	916	6
Hoegemeyer	8115PCE ⇗	PCE	111	180.0	16.9	1	31.1	909	9
Green Valley	GV 81-741 PCE RA ⇗	PCE	111	179.9	16.8	1	32.0	910	8
Taylor	2212PCE ⇗	PCE	112	179.8	16.7	1	30.4	911	7
Great Heart	HT-7210TRERIB ⇗	TRE	112	179.2	17.0	1	30.4	905	10
Pioneer	P1170AM GC ⇗	AM	111	178.2	16.8	1	34.6	902	11
Great Heart	HT-7288TRE ⇗	TRE	112	177.4	17.0	1	34.6	896	12
AgVenture	AV1611PCE ⇗	PCE	111	177.3	16.9	1	31.8	896	13
Taylor	4412VT4P ⇗	VT4P	112	175.7	17.0	1	33.9	888	14
Hoegemeyer	8039V ⇗	VE	110	175.4	17.0	1	33.9	886	15
Green Valley	GV 8063PCE GC ⇗	PCE	110	174.8	16.7	1	32.5	886	16
Channel	209-70TRERIB GC ⇗	TRE	109	174.0	16.8	1	31.8	880	17
Green Valley	EXP 711-01 PCE ⇗	PCE	111	173.3	16.7	1	34.6	878	18
Hoegemeyer	8014PCE ⇗	PCE	110	173.1	16.9	1	33.2	875	19
Burrus	6L42 PCE ⇗	PCE	112	172.9	16.8	1	32.5	874	20
AgVenture	AV8811PCE ⇗	PCE	111	171.0	16.9	1	33.9	864	21
AgriGold	A642-32VT2RIB GC ⇗	VT2P	112	170.2	16.8	1	31.8	861	22
FS InVision	FS 6157T RIB ⇗	TRE	111	169.8	16.7	1	31.8	860	23
Burrus	5C11 PCE ⇗	PCE	110	165.0	16.6	1	33.2	837	24
DeKalb	DKC110-41RIB GC ⇗	TRE	110	164.9	16.7	1	31.1	835	25
PGS Hybrids	P12122PWE ⇗	PCE	112	163.0	16.6	1	34.6	826	26
FS InVision	FS 5869PC RA ⇗	PCE	108	162.6	16.8	1	33.2	823	27
PGS Hybrids	P12115PWE ⇗	PCE	112	160.7	16.8	1	33.2	814	28
FS InVision	FS 6245V RIB ⇗	VT2P	112	159.8	16.9	1	33.2	808	29
Taylor	EXP A-110-27PCE ⇗	PCE	111	157.7	16.8	1	32.5	798	30
DeKalb	DKC112-12RIB CK	TRE	112	150.4	17.2	1	33.2	758	35
			Averages =	**170.8**	**16.8**	**1**	**33.0**	**865**	
			LSD (0.10) =	12.8	ns	ns			
			LSD (0.25) =	6.7	ns	ns			
			C.V. =	8.2					

Klint Tucker

Klint Tucker

klint.tucker@firstseedtests.com, (309) 712-1406

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = $0.05 Prices: GMO = $5.15

Report Date: 10/28/2026

† 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.

Additional reports available at **www.firstseedtests.com**

©2026, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

first farmers' independent research of seed technologies

Test by: Bottomline Seed Solutions, LLC Effingham, IL

2026 Corn Grain Top 30 Harvest Report

Missouri East [MOEA] O'FALLON, MO

Richard Dove, St. Charles County, MO

Full-Season Test	**113** - **118** Day CRM B2026MOEA01b
Top 30 of 35	For Gross Income (Sorted by Yield) Average of (**4**) Replications
PREV. CROP/HERB:	Soybeans / Liberty, Roundup Powermax, 2,4-D, Anthem Maxx
SOIL DESCRIPTION:	Moniteau silt loam, poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, 5.74 pH, 2.48% OM, 7.27 CEC, high P, high K, low S, mod. B, high Zn
CROP PROTECTION:	Degree Xtra (H), Atrazine (H), Callisto (H), Roundup Powermax (H)
FERTILITY - Applied N:	139 Spring, 10 lbs Sulfur
Applied N-P-K (units):	139-60-70
SEEDED - RATE - ROW:	May 28 34.0 /A 30" spacing
HARVESTED - STAND:	Oct 27 33.9 /A
PEST & DISEASE RISK:	Fusarium, Pythium*

TEST COMMENTS:

This conventional location was planted later in May. Emergence was good, and weed control was excellent. Plants were normal to slightly above normal in height. No lodging was seen throughout the test, although several hybrids showed signs of tar spot and crown rot. The yields were based on a hybrid's resistance to the diseases found in this area. This was a good test with a good new cooperator.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income $/Acre	Gross Income Rank
Taylor	6040TRE ⇗	TRE	114	**196.7**	17.3	1	33.9	991	1
AgriGold	A645-55VT2PRO GC ⇗	VT2P	115	**194.3**	17.3	1	33.0	978	2
Burrus	7Y23 TRE ⇗	TRE	114	**189.6**	17.3	1	33.9	954	3
Taylor	EXP C-116-27TRE ⇗	TRE	116	**187.1**	17.4	1	36.7	941	4
Burrus	6Z72 TRE ⇗	TRE	113	**186.1**	17.1	1	33.9	939	5
Channel	215-70TRERIB GC ⇗	TRE	115	**186.0**	17.1	1	35.3	938	6
FS InVision	FS 6545V RIB ⇗	VT2P	115	**184.4**	17.5	1	34.6	927	7
FS InVision	FS 6757T RIB ⇗	TRE	117	**182.5**	17.9	1	33.2	913	8
Green Valley	EXP 314-02 TRE GC ⇗	TRE	114	178.1	17.4	1	34.6	896	9
Gateway	4914TRE ⇗	TRE	114	174.5	17.2	1	33.9	879	10
DeKalb	DKC113-83RIB GC ⇗	TRE	113	173.0	17.3	1	31.8	871	11
Taylor	6015TRE ⇗	TRE	115	172.9	17.2	1	31.8	871	12
AgVenture	AV2315PCUE ⇗	PCUE	115	168.8	17.1	1	35.3	852	13
DeKalb	DKC114-43RIB GC ⇗	VT2P	114	168.2	17.2	1	31.8	848	14
FS InVision	FS 6349PC RA ⇗	PCE	113	167.1	16.9	1	33.9	845	16
Green Valley	EXP 713-02 PCE ⇗	PCE	113	166.8	17.2	1	33.2	841	17
Hoegemeyer	8667PCE ⇗	PCE	116	166.0	17.5	1	36.0	834	18
Gateway	6915TRE ⇗	TRE	115	164.8	17.4	1	34.6	829	22
Green Valley	GV 84-726 PCE RA ⇗	PCE	114	164.8	17.1	1	33.2	831	19
Taylor	6025TRE ⇗	TRE	117	164.7	17.1	1	34.6	831	20
Hoegemeyer	8593PCUE ⇗	PCUE	115	164.3	17.0	1	29.7	830	21
Channel	218-66VT2PRIB GC ⇗	VT2P	118	163.7	17.1	1	33.9	826	23
Great Heart	HT-7720TRE ⇗	TRE	117	163.5	17.3	1	33.9	823	24
Burrus	8C51 PCE ⇗	PCE	117	159.5	17.3	1	33.2	803	25
AgriGold	A644-64VT2P GC ⇗	VT2P	114	157.9	16.9	1	36.0	798	26
Hoegemeyer	8426PCE ⇗	PCE	114	157.7	17.2	1	33.2	795	27
Hoegemeyer	8365PCE ⇗	PCE	113	157.4	17.1	1	35.3	794	28
DeKalb	DKC68-35RIB GC ⇗	VT2P	118	156.8	17.5	1	32.5	788	29
Taylor	6013TRE ⇗	TRE	113	154.9	17.1	1	36.0	781	30
FS InVision	FS 6447T RIB ⇗	TRE	114	151.5	17.4	1	32.5	762	31
DeKalb	DKC112-12RIB CK	TRE	112	168.0	17.2	1	32.5	846	15
		Averages =		**167.8**	**17.2**	**1**	**33.9**	**846**	
		LSD (0.10) =		13.4	0.2	ns			
		LSD (0.25) =		7.0	0.1	ns			
		C.V. =		8.7					

Klint Tucker

Klint Tucker

klint.tucker@firstseedtests.com, (309) 712-1406

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = $0.05 Prices: GMO = $5.15

Report Date: 10/28/2026

† 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.

Additional reports available at **www.firstseedtests.com**

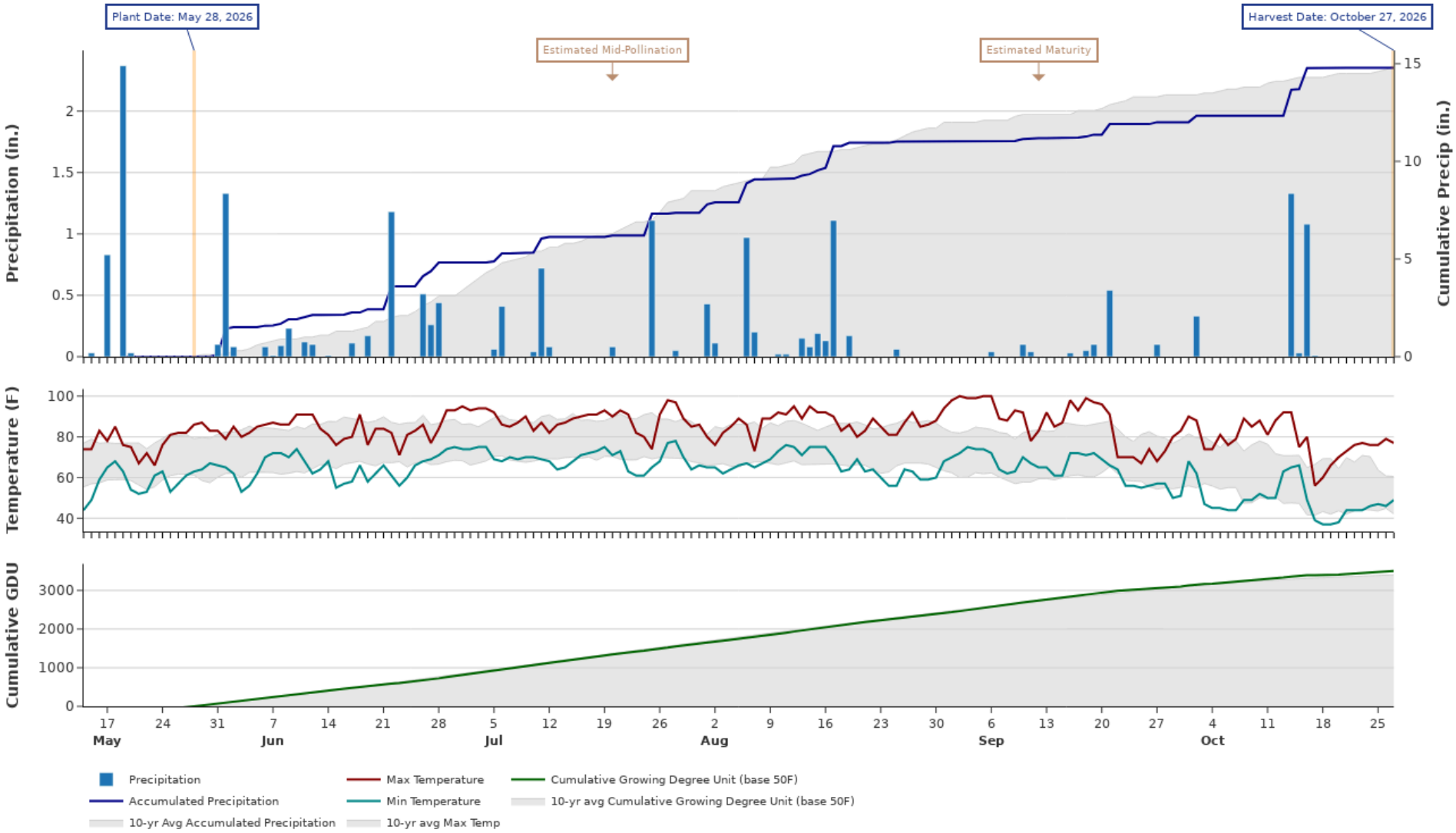
©2026, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

2026 Corn - Missouri East [MOEA]

Weather Conditions Summary at O'FALLON, MO

Weather Data Retrieved: 10/28/2026

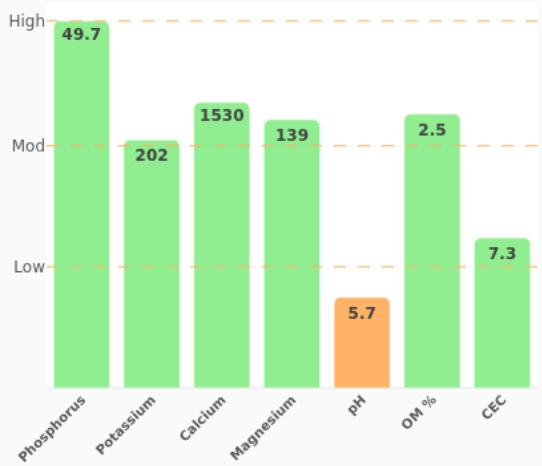
Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) | (Diff)	3.4 | 2.5 (+0.9)	4.7 | 3.0 (+1.7)	2.5 | 5.4 (-2.9)	3.6 | 3.5 (+0.1)	1.0 | 1.4 (-0.4)	2.8 | 1.5 (+1.3)	18.1 | 17.3 (+0.8)
GDU | Avg (Diff)	339 | 331 (+7)	710 | 753 (-43)	846 | 851 (-5)	778 | 797 (-19)	694 | 629 (+64)	402 | 312 (+89)	3769 | 3675 (+93)



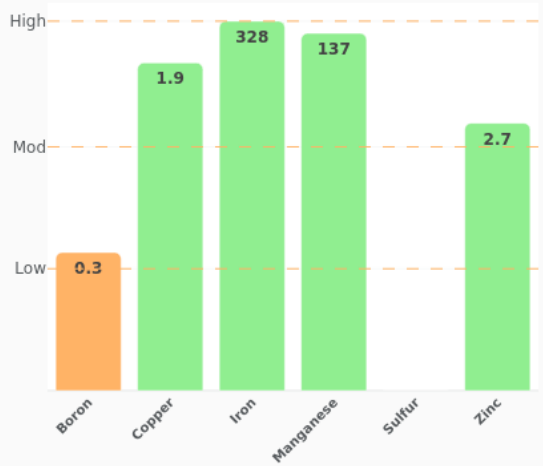
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

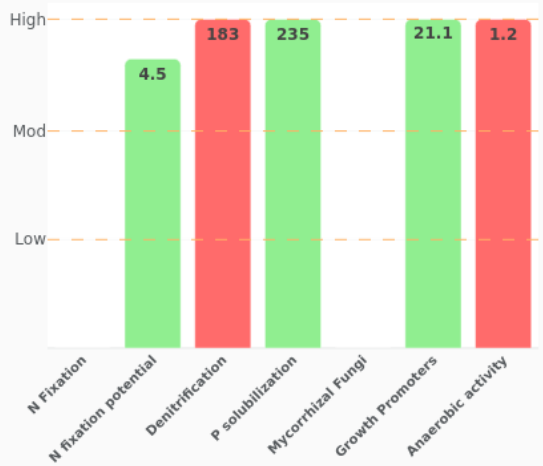
Macronutrients



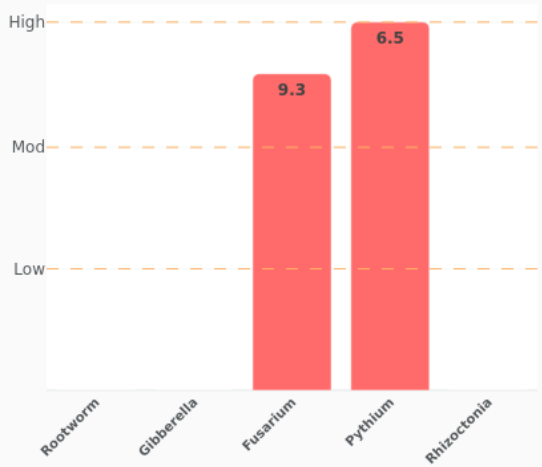
Micronutrients



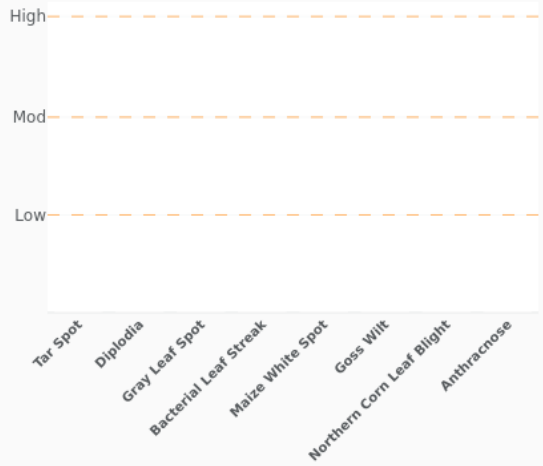
Biofertility Analytics



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

2026 Corn - Missouri East [MOEA]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A642-18TRC	TRE	Y	112	AC,P5V,SU+Zn
AgriGold	A642-32VT2RIB	VT2P	Y*	112	AC,P5V,SU+Zn
AgVenture	AV1611PCE	PCE	Y	111	Lum, L1
AgVenture	AV7612PCUE	PCUE	Y	112	Lum, L1
AgVenture	AV7710PCE	PCE	Y	110	Lum, L1
AgVenture	AV8811PCE	PCE	Y	111	Lum, L1
Burrus	5C11 PCE	PCE	Y	110	BPS
Burrus	6L42 PCE	PCE	Y	112	Cmc,Vi,Ci,Va
Channel	209-70TRERIB	TRE	Y	109	AC,P5V,EDC-EL
Channel	210-18SSPRIB	STXP	Y	110	AC,P5V,EDC-EL
Channel	210-71TRERIB	TRE	Y	110	AC,P5V,EDC-EL
Channel	211-11VT2PRIB	VT2P	Y	111	AC,P5V,EDC-EL
DeKalb	DKC110-41RIB	TRE	Y	110	AC,P5V,EDC-EL
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V,EDC-EL
DeKalb	DKC112-12RIB	TRE	Y	112	AC,P5V,EDC-EL
FS InVision	FS 5767T RIB	TRE	Y	107	G,B,F4,AL,L4,P5,N,C
FS InVision	FS 5869PC RA	PCE	Y	108	CM,C2,Vi
FS InVision	FS 6157T RIB	TRE	Y	111	G,B,H,F,AL,L,P5
FS InVision	FS 6245V RIB	VT2P	Y	112	G,B,H,F,AL,L,P5
Great Heart	HT-7210TRERIB	TRE	N	112	Treated
Great Heart	HT-7288TRE	TRE	N	112	Treated
Green Valley	EXP 711-01 PCE	PCE	Y	111	CM,C5,Va
Green Valley	GV 8063PCE	PCE	Y	110	AC,P5V,Va
Green Valley	GV 81-741 PCE RA	PCE	Y	111	CM,C5,Va
Hoegemeyer	8014PCE	PCE	Y	110	Lum, L1
Hoegemeyer	8039V	VE	Y	110	Lum, L1
Hoegemeyer	8115PCE	PCE	Y	111	Lum, L1
Hoegemeyer	8161PCE	PCE	Y	111	Lum, L1
Hoegemeyer	8193PCE	PCE	Y	111	Lum, L1
PGS Hybrids	P12115PWE	PCE	Y	112	CM,C5,Vi,Va
PGS Hybrids	P12122PWE	PCE	Y	112	CM,C5,Vi,Va
Pioneer	P1170AM	AM	Y	111	Lum, L1
Pioneer	P1222AM	AM	Y	112	Lum, L1
Taylor	2212PCE	PCE	Y*	112	CM,Vi
Taylor	4412VT4P	VT4P	Y*	112	CM,Vi
Taylor	EXP A-110-27PCE	PCE	N	111	CM,Vi

* 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.

2026 Corn - Missouri East [MOEA]

Full-Season Test Products (35 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A644-64VT2P	VT2P	N	114	AC,P5V,SU+Zn
AgriGold	A645-55VT2PRO	VT2P	Y	115	AC,P5V,SU+Zn
AgVenture	AV2315PCUE	PCUE	Y	115	Lum, L1
Burrus	6Z72 TRE	TRE	Y	113	AC,P5V,EDC-EL
Burrus	7Y23 TRE	TRE	Y	114	AC,P5V,EDC-EL
Burrus	8C51 PCE	PCE	Y	117	Lum, L1
Channel	215-70TRERIB	TRE	Y	115	AC,P5V,EDC-EL
Channel	218-66VT2PRIB	VT2P	Y	118	AC,P5V,EDC-EL
DeKalb	DKC112-12RIB	TRE	Y	112	AC,P5V,EDC-EL
DeKalb	DKC113-83RIB	TRE	Y	113	AC,P5V,EDC-EL
DeKalb	DKC114-43RIB	VT2P	Y	114	AC,P5V,EDC-EL
DeKalb	DKC68-35RIB	VT2P	Y	118	AC,P5V,EDC-EL
FS InVision	FS 6349PC RA	PCE	Y	113	G,B,H,F,AL,L,P5
FS InVision	FS 6447T RIB	TRE	Y	114	G,B,H,F,AL,L,P5
FS InVision	FS 6545V RIB	VT2P	Y	115	G,B,H,F,AL,L,P5
FS InVision	FS 6757T RIB	TRE	Y	117	G,B,H,F,AL,L,P5
Gateway	4914TRE	TRE	N	114	AC,P5V
Gateway	6915TRE	TRE	N	115	AC,P5V
Great Heart	HT-7720TRE	TRE	N	117	Treated
Green Valley	EXP 314-02 TRE	TRE	Y	114	AC,P5V,Va
Green Valley	EXP 713-02 PCE	PCE	Y	113	CM,C5,Va
Green Valley	GV 8353 PCE RA	PCE	Y	113	CM,C5,Vi,Va
Green Valley	GV 84-726 PCE RA	PCE	Y	114	CM,C5,Va
Hoegemeyer	8328PCE	PCE	Y	113	Lum, L1
Hoegemeyer	8365PCE	PCE	Y	113	Lum, L1
Hoegemeyer	8426PCE	PCE	Y	114	Lum, L1
Hoegemeyer	8593PCUE	PCUE	Y	115	Lum, L1
Hoegemeyer	8667PCE	PCE	Y	116	Lum, L1
Pioneer	P13050AM	AM	Y	113	Lum, L1
Pioneer	P1742Q	QR	Y	117	Lum, L1
Taylor	6013TRE	TRE	Y*	113	CM,Vi
Taylor	6015TRE	TRE	N	115	CM,Vi
Taylor	6025TRE	TRE	Y	117	CM,Vi
Taylor	6040TRE	TRE	Y	114	CM,Vi
Taylor	EXP C-116-27TRE	TRE	N	116	CM,Vi

* 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

AM	Optimum® AcreMax®
PCE	PowerCore® Enlist®
PCUE	PowerCore® Ultra Enlist®
QR	Qrome®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
VE	Vorceed™ Enlist®
VT2P	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,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
BPS	Burrus PowerShield
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
Cmc,Vi,Ci,Va	Burrus 2026
CM,Vi	CruiserMaxx®, Vibrance
G,B,F4,AL,L4,P5,N,C	500SAI - Poncho500/VOTiVO ELITE + N314
G,B,F,AL,L,P5	500SAI-Poncho,VOTIVO
G,B,H,F,AL,L,P5	500SAI-Poncho/Poncho/Votivo+Vayantis
Lum, L1	LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.