

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

2025 Corn Grain Top 30 Harvest Report

Missouri North [MONO] ST. JOSEPH, MO

Jeff Gaskill, Buchanan County, MO 64098

Early-Season Test	107 - 112 Day CRM B2025MONO01a
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Xtendimax, Metribuzin, Clethodim
SOIL DESCRIPTION:	Onawa silty clay, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, 7.33 pH, 2.5% OM, 9.9 CEC, medium P, high K, low S, high B, high Zn
PEST MANAGEMENT:	Fultime Nxt, Atrazine, Armezon, Veltyma
FERTILITY - Applied N:	180 Fall
Applied N-P-K (units):	180-40-60
SEEDING - RATE - ROW:	Apr 18 32.7 /A 30" spacing
HARVESTED - STAND:	Oct 4 32.0 /A
PEST & DISEASE RISK:	Fusarium, Pythium, Diplodia Ear Rot*

TEST COMMENTS:

There were great soil conditions at planting, which took place the same day as the cooperator, Trent, planted here. Moisture lagging behind the trendline was the common theme in the area, from planting throughout harvest. However, the site did receive very timely and significant rains throughout July. Veltyma fungicide was applied at this location. Given the conditions, the grain dried down quickly.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	69G1PCE ↗	PCE	109	256.6	13.7	1	31.3	983	1
ProHarvest	82P62 TRERIB ↗	TRE	112	249.9	13.6	2	31.8	957	2
Golden Harvest	G12U11-AA GC ↗	AA	112	248.0	13.6	1	31.5	949	3
AgVenture	AV7710PCE ↗	PCE	110	247.8	13.5	1	32.0	949	4
NuTech	70F6PCE ↗	PCE	110	247.8	13.5	5	31.8	949	5
Taylor	8013 VT2PDG ↗	VT2PDG	112	247.3	13.5	1	31.8	947	6
Taylor	2212 ↗	PCE	112	246.1	13.5	3	32.3	943	7
FS InVision	FS 5949PC RA ↗	PCE	109	246.1	13.8	2	32.5	943	8
Pioneer	P0859AM GC ↗	AM	108	244.9	13.7	2	32.5	938	9
FS InVision	FS 5947T RIB ↗	TRE	109	244.0	13.5	1	32.5	935	10
Hoegemeyer	8220PCE ↗	PCE	112	243.5	13.6	1	31.5	933	11
NuTech	72C1PCE ↗	PCE	112	242.3	13.4	1	32.0	928	12
NuTech	69C7PCE ↗	PCE	109	241.5	13.6	1	32.0	925	13
Merschman	2512C-30 GC ↗	PCE	112	241.1	13.5	1	32.0	923	14
Gateway	5912TRE ↗	TRE	112	240.6	13.7	1	32.0	921	15
FS InVision	FS 6245V RIB ↗	VT2P	112	240.3	13.9	1	31.5	920	16
AgriGold	A642-18SS GC ↗	STX	112	238.5	13.8	2	31.8	913	17
Golden Harvest	G10U97-V GC ↗	V	110	238.1	13.3	1	33.0	912	18
AgVenture	AV3310V ↗	VE	110	237.3	13.6	1	32.5	909	19
AgVenture	AV4112PCE ↗	PCE	112	236.1	13.5	1	32.8	904	20
Green Valley	8063PCE ↗	PCE	110	235.0	13.3	1	31.3	900	21
Wyffels	W7485RIB ↗	TRE	112	234.1	13.5	1	32.3	897	22
Renk	RK832SSPRO ↗	STXP	113	233.0	13.5	1	32.3	892	23
Pioneer	P1170AM GC ↗	AM	111	232.0	13.6	2	31.5	889	24
Renk	RK825VT4PRO ↗	VT4P	112	231.8	13.5	1	32.3	888	25
Channel	211-11VT2PRIB ↗	VT2P	111	231.6	13.6	10	31.8	887	26
AgVenture	AV9511PCE ↗	PCE	111	230.8	13.5	1	32.3	884	27
DeKalb	DKC111-35RIB GC ↗	VT2P	111	230.7	13.5	1	32.3	884	28
FS InVision	FS 6157T RIB ↗	TRE	111	230.5	13.6	1	32.0	882	29
ProHarvest	82P96 PCE ↗	PCE	112	230.3	13.5	1	32.8	882	30
PIONEER	P13777PCE CK	PCE	113	224.1	13.6	1	31.5	858	37

William Schelp

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Averages = **234.3** **13.5** **2** **32.0** **898**

LSD (0.10) = 11.8 ns ns

LSD (0.25) = 6.2 ns ns

C.V. = 5.5

Historic yield: 225.01 bu/a, 7 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 North [MONO] ST. JOSEPH, MO

Jeff Gaskill, Buchanan County, MO 64098

Full-Season Test	113 - 117 Day CRM B2025MONO01b
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Xtendimax, Metribuzin, Clethodim
SOIL DESCRIPTION:	Onawa silty clay, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, 7.33 pH, 2.5% OM, 9.9 CEC, medium P, high K, low S, high B, high Zn
PEST MANAGEMENT:	Fultime Nxt, Atrazine, Armezon, Veltyma
FERTILITY - Applied N:	180 Fall
Applied N-P-K (units):	180-40-60
SEEDING - RATE - ROW:	Apr 18 32.7 /A 30" spacing
HARVESTED - STAND:	Oct 4 32.0 /A
PEST & DISEASE RISK:	Fusarium, Pythium, Diplodia Ear Rot*

TEST COMMENTS:

There were great soil conditions at planting, which took place the same day as the cooperator, Trent, planted here. Moisture lagging behind the trendline was the common theme in the area, from planting throughout harvest. However, the site did receive very timely and significant rains throughout July. Veltyma fungicide was applied at this location. Given the conditions, the grain dried down quickly.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Green Valley	8353PCE ↗	PCE	113	252.8	13.8	1	32.3	968	1
Channel	215-70TRERIB ↗	TRE	115	252.6	14.1	1	32.3	967	2
AgVenture	AV2116PCE ↗	PCE	116	250.0	14.3	1	30.3	958	3
Taylor	6013 ↗	TRE	113	244.5	14.1	1	31.7	936	4
NuTech	73B2V ↗	VE	113	243.1	14.1	1	32.0	931	5
Hoegemeyer	8350PCUE ↗	PCUE	113	242.4	13.6	1	32.3	928	6
AgriGold	A643-52VT2RIB GC ↗	VT2P	113	238.9	13.7	1	32.3	915	7
Wyffels	W7945RIB ↗	TRE	114	238.0	13.9	1	31.3	912	8
ProHarvest	83P66 VT2PRIB ↗	VT2P	113	238.0	13.9	1	32.0	912	9
Taylor	EXP C-116-25 ↗	VT2P	116	236.5	13.6	1	31.8	906	10
Hoegemeyer	8773PCUE GC ↗	PCUE	117	234.2	13.8	1	33.0	897	12
ProHarvest	85P58 VT2PRIB ↗	VT2P	115	231.5	13.6	1	32.5	887	13
Green Valley	8352 ↗	VT2P	113	231.4	13.7	1	32.0	886	14
ProHarvest	84P14 VT2PRIB ↗	VT2P	114	231.3	13.6	1	32.0	886	15
Taylor	9951 ↗	VT2P	115	231.2	13.5	1	31.3	885	16
NuTech	74A5PCE ↗	PCE	114	231.1	13.8	1	32.3	885	17
FS InVision	FS 6447T RIB ↗	TRE	114	229.1	14.1	1	32.0	877	18
Gateway	3916TRE ↗	TRE	116	228.2	13.8	1	32.3	874	19
Taylor	9932 ↗	VT2P	115	227.4	13.8	1	32.3	871	20
Green Valley	8422 ↗	VT2P	114	226.7	14.0	1	32.0	868	21
NuTech	73A4AM ↗	AM	113	226.2	13.8	1	31.8	866	22
FS InVision	FS 6349PC RA ↗	PCE	113	225.4	13.8	1	31.8	863	23
Wyffels	W7876RIB ↗	VT2P	114	224.4	13.8	1	32.5	859	24
Pioneer	P14830AML GC ↗	AML	114	223.8	13.7	1	31.5	857	25
Renk	RK8585TRE ↗	TRE	114	223.0	13.8	1	31.3	854	26
FS InVision	FS 6627T RIB ↗	TRE	116	222.3	13.6	3	31.0	851	27
Burrus	8K34 VT2P ↗	VT2P	116	221.8	13.7	1	32.5	849	28
FS InVision	FS 6757T RIB ↗	TRE	117	221.2	13.7	1	32.3	847	29
AgVenture	AV6117PCUE ↗	PCUE	117	221.2	13.7	2	32.3	847	30
Renk	RK889PCE ↗	PCE	113	221.1	13.7	1	32.0	847	31
PIONEER	P13777PCE CK	PCE	113	235.4	13.9	1	31.7	902	11

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Averages = **225.1** **13.8** **1** **32.0** **863**

LSD (0.10) = 16.7 ns ns

LSD (0.25) = 8.7 ns ns

C.V. = 8.1

Historic yield: 225.01 bu/a, 7 yr(s)

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

Report Date: 10/08/2025

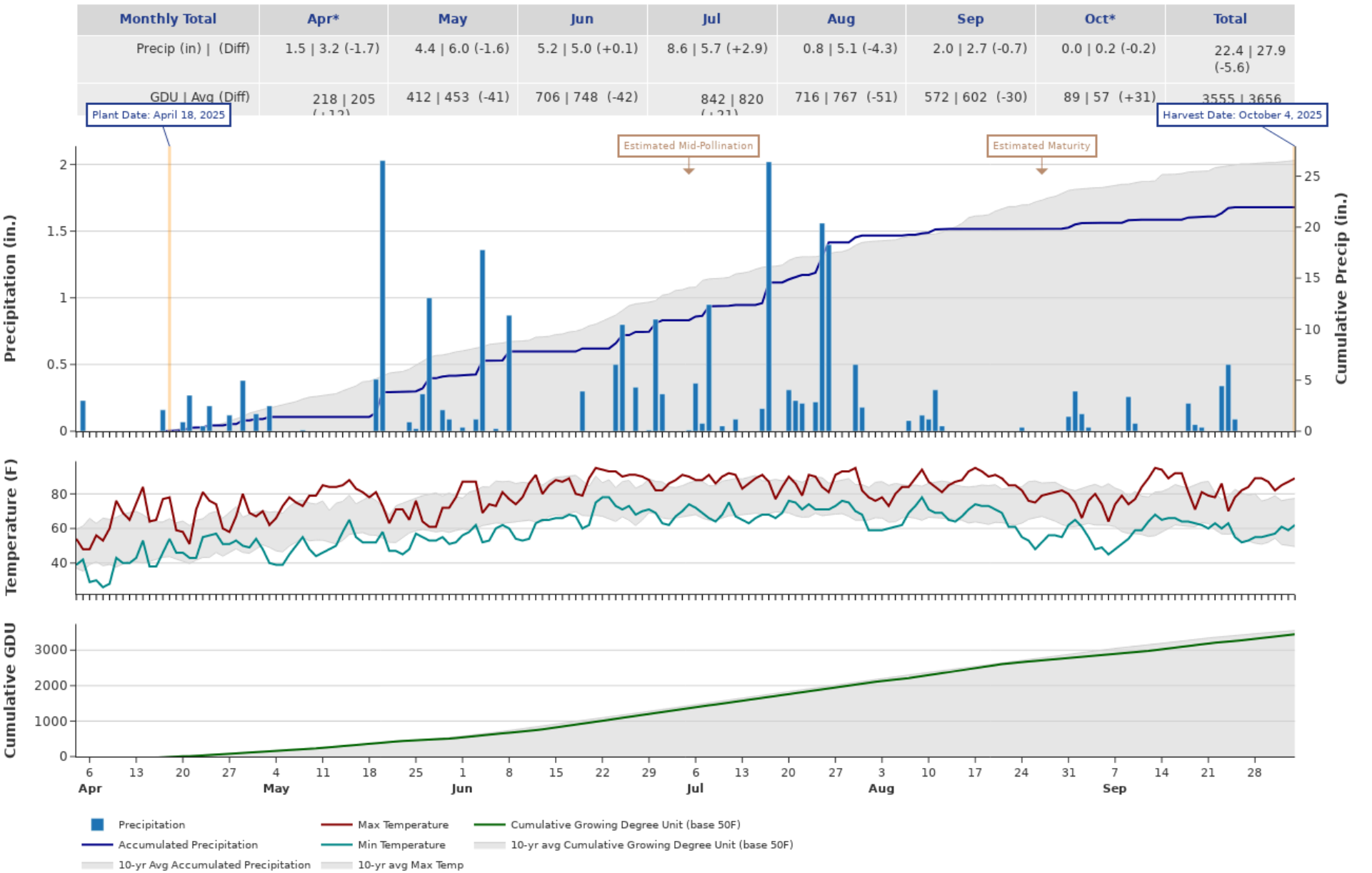
Additional reports available at www.firstseedtests.com

† 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 North [MONO]

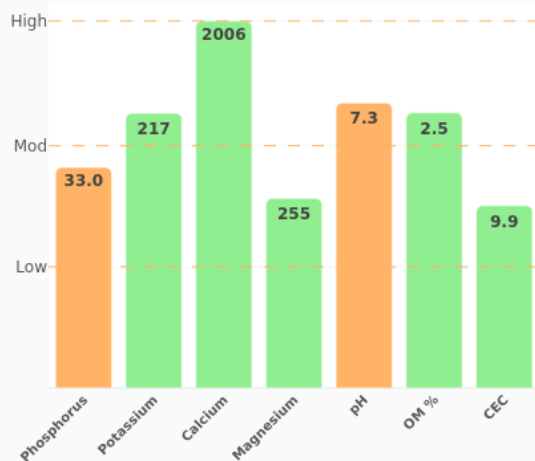
Weather Conditions Summary at ST. JOSEPH, MO



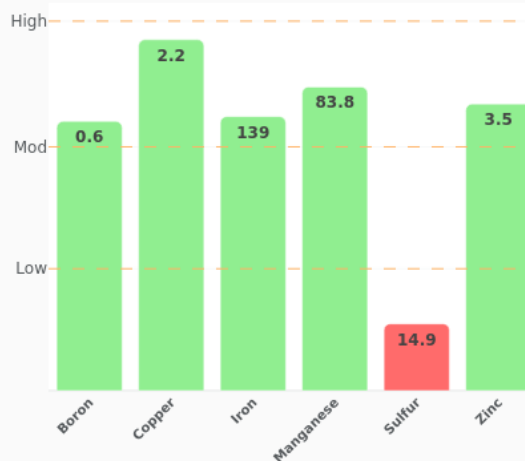
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

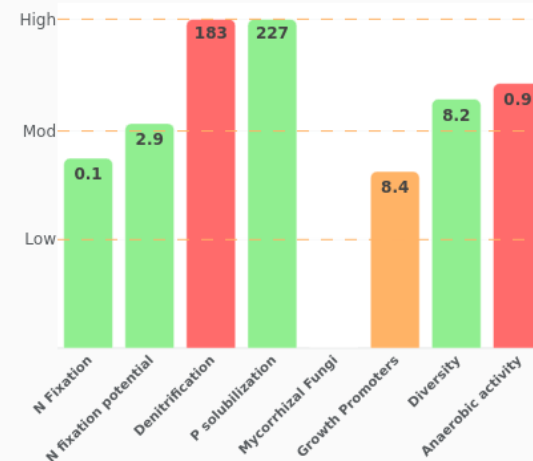
Macronutrients



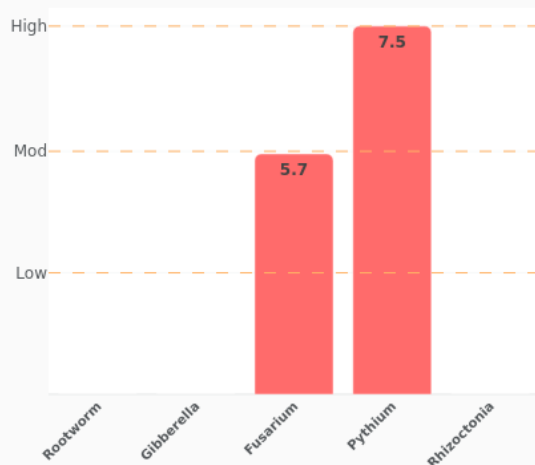
Micronutrients



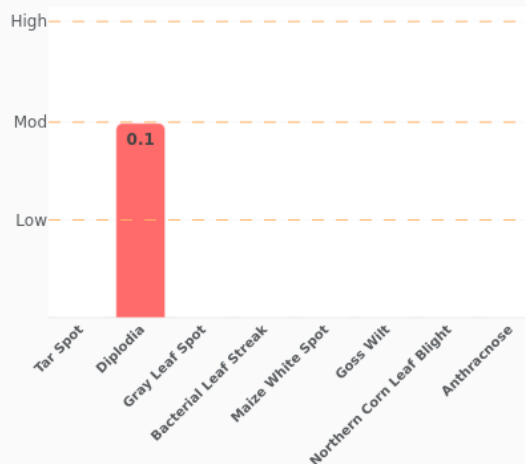
Biofertility Analytics



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 North [MONO]

Early-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A642-18SS	STX	Y	112	NA
AgriGold	A642-32VT2RIB	VT2P	Y*	112	NA
AgVenture	AV2208V	VE	Y	108	Lum, L1
AgVenture	AV3310V	VE	Y	110	Lum, L1
AgVenture	AV4112PCE	PCE	Y	112	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
Channel	211-11VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
Channel	212-63VT4PRIB	VT4P	Y	112	AC,P1V,EDC-EL
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V
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
Gateway	5912TRE	TRE	Y	112	AC,P5
Golden Harvest	G10U97-V	V	Y	110	NA
Golden Harvest	G12U11-AA	AA	Y	112	Treated
Green Valley	8063PCE	PCE	Y	110	Lum,P5V
Hoegemeyer	8220PCE	PCE	Y	112	Lum, L1
Merschman	2411C-30	PCE	Y	111	SL
Merschman	2512C-30	PCE	Y	112	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	P13777PCE	PCE	Y	113	Lum, L1
ProHarvest	78P47 PCE	PCE	N	107	Treated
ProHarvest	82P62 TRERIB	TRE	Y	112	AC,P5V,EDC-B
ProHarvest	82P82 VT2P	VT2P	N	112	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
ProHarvest	82P96 PCE	PCE	Y	112	CM,C2,Vi
Renk	RK825VT4PRO	VT4P	N	112	AC,P5V,EDC-EL
Renk	RK832SSPRO	STXP	Y*	113	AC,P5V,EDC-EL
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
Wyffels	W7424	PCE	N	112	CM,C2,Vi,Va
Wyffels	W7485RIB	TRE	Y*	112	CM,C2,Vi,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.

2025 Corn - Missouri North [MONO]

Full-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A643-52VT2RIB	VT2P	Y	113	NA
AgriGold	A645-30VT2RIB	VT2P	Y*	115	NA
AgVenture	AV2116PCE	PCE	Y	116	Lum, L1
AgVenture	AV4713PCE	PCE	Y	113	Lum, L1
AgVenture	AV5813V	VE	Y	113	Lum, L1
AgVenture	AV6115PCE	PCE	Y	115	Lum, L1
AgVenture	AV6117PCUE	PCUE	Y	117	Lum, L1
Becks	6700V2P	VT2P	Y	117	Es
Burrus	7B14 PCE	PCE	Y	114	BPS
Burrus	8K34 VT2P	VT2P	Y	116	AC,P5V,EDC-B
Channel	215-70TRERIB	TRE	Y	115	AC,P5V,EDC-EL
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
Gateway	3916TRE	TRE	N	116	AC,P5V
Gateway	4914TRE	TRE	N	114	AC,P5V
Green Valley	8352	VT2P	Y	113	Lum,P5V
Green Valley	8353PCE	PCE	Y	113	Lum,P5V
Green Valley	8422	VT2P	Y	114	Lum,P5V
Hoegemeyer	8350PCUE	PCUE	Y	113	Lum, L1
Hoegemeyer	8773PCUE	PCUE	Y	117	Lum, L1
Merschman	2413C-30	PCE	Y	113	SL
NuTech	73A4AM	AM	Y	113	Lum, L1
NuTech	73B2V	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	P13777PCE	PCE	Y	113	Lum, L1
Pioneer	P14830AML	AML	Y	114	Lum, L1
ProHarvest	83P66 VT2PRIB	VT2P	Y*	113	AC,P5V,EDC-EL
ProHarvest	84P14 VT2PRIB	VT2P	Y	114	AC,P5V,EDC-EL
ProHarvest	84P41 PCE	PCE	Y	114	AC,P5V,EDC-EL
ProHarvest	85P58 VT2PRIB	VT2P	Y	115	AC,P5V,EDC-EL
Renk	RK8585TRE	TRE	N	114	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK889PCE	PCE	Y	113	Lum
Taylor	6013	TRE	Y	113	CM,C2,Vi5
Taylor	6015	TRE	N	115	CM,C2,Vi5
Taylor	9932	VT2P	Y	115	CM,C2,Vi5
Taylor	9951	VT2P	Y	115	CM,C2,Vi5
Taylor	EXP C-116-25	VT2P	N	116	CM,C2,Vi5
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,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.
- ^ 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®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
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,P1V,EDC-EL	Acceleron® ELITE Poncho 1250/Votivo with Enhanced Disease Control
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
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
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
Es	Escalate
Lum	LumiGEN™ (Corteva Agriscience)
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.