

2024 Corn Grain Top 30 Region Summary for Missouri Central [MOCE]

Early-Season Test
107 - 112 Day CRM
B2024MOCEa

Top 30 of 31

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Concordia	Malta Bend	New Franklin	Perry	Portage Des Sioux	
TAYLOR	EXP C-111-24 ↗	VT4P	111	275.1	17.6	1	1013	2	271.0	286.0	279.6	262.2	276.5	
BURRUS	POWER PLUS 4V73AM ↗	AM	109	273.2	15.8	1	1020	1	277.3	291.8	261.2	261.2	274.7	
BURRUS	4W42 PCE ↗	PCE	108	269.0	16.0	2	1003	4	263.9	281.3	266.8	260.3	273.0	
PROHARVEST	80P75 PCE ↗	PCE	110	269.0	15.8	1	1004	3	269.0	261.2	269.2	257.5	288.4	
NUTECH	70F6V ↗	VE	110	268.9	16.1	1	1002	6	261.4	290.7	274.9	251.2	266.5	
DEKALB	DKC111-35RIB GC ↗	VT2P	111	268.9	16.8	1	996	7	261.2	289.0	267.4	255.8	271.0	
FS INVISION	FS 6245V RIB ↗	VT2P	112	268.2	18.4	1	982	11	264.2	279.5	276.3	251.9	268.9	
DEKALB	DKC62-70RIB GC ↗	VT2P	112	267.7	17.0	1	991	8	281.2	282.8	256.0	258.8	260.0	
AGVENTURE	AV3310PCE ↗	PCE	110	266.0	16.2	2	990	9	235.5	288.6	277.5	250.9	277.4	
FS INVISION	FS 6042F RIB ↗	VT4P	110	265.7	17.9	2	976	14	255.9	280.7	263.3	247.1	281.5	
AGVENTURE	AV9412AM ↗	AM	112	265.3	16.5	2	986	10	265.3	260.8	263.2	243.8	293.6	
FS INVISION	FS 5947T RIB ↗	TRE	109	264.4	16.9	1	979	12	254.8	281.7	260.1	256.6	268.8	
AGVENTURE	AV4112PCE ↗	PCE	112	263.6	16.7	1	978	13	270.0	274.6	256.8	245.0	271.8	
NUTECH	69C7PCE ↗	PCE	109	261.3	16.1	2	973	15	247.8	268.1	267.9	243.0	279.6	
NUTECH	72C1PCE ↗	PCE	112	261.1	16.3	1	971	16	253.6	281.4	262.3	240.1	268.0	
FS INVISION	FS 6137PC RA ↗	PCE	111	258.7	15.9	1	965	17	262.3	271.6	242.0	255.9	262.0	
MUSTANG	570PR RIB ↗	VT2P	112	258.3	17.4	1	954	18	264.1	263.6	272.3	241.5	250.0	
MUSTANG	429PR RIB ↗	VT2P	110	258.0	17.5	1	951	19	258.8	269.5	268.4	239.9	253.4	
FS INVISION	FS 6248V RIB ↗	VT2P	112	255.9	16.8	1	948	21	224.7	274.9	251.9	247.9	280.1	
AGVENTURE	AV6612AM ↗	AM	112	255.8	16.7	1	949	20	243.9	269.4	257.6	253.2	254.8	
GOLDEN HARVEST	G12U11-AA ↗	AA	112	255.2	17.0	1	945	24	254.6	275.6	249.9	233.2	262.8	
NK BRAND	NK1228-AA ↗	AA	112	254.8	16.7	1	945	23	240.4	268.0	254.8	248.9	262.1	
GOLDEN HARVEST	G11V76-AA ↗	AA	111	254.5	16.8	1	943	25	239.8	263.6	259.1	245.1	264.8	
AGVENTURE	AV6010AM ↗	AM	110	253.6	15.9	1	946	22	244.6	270.4	245.9	244.4	262.5	
NK BRAND	NK1188-AA ↗	AA	111	253.5	16.8	2	940	26	254.9	264.3	257.5	227.8	263.2	
NUTECH	70B4AM ↗	AM	110	250.3	16.0	1	933	27	252.9	252.6	245.6	235.1	265.2	
PROHARVEST	81P65 V ↗	V	111	247.0	16.4	1	918	28	245.4	255.7	243.7	228.3	261.7	
NK BRAND	NK0880-V ↗	V	108	246.2	16.5	1	914	29	238.8	258.6	234.8	249.0	250.0	
NUTECH	72A8AM ↗	AM	112	243.5	16.4	1	905	30	225.0	262.5	231.7	241.0	257.3	
NK BRAND	NK1056-V ↗	V	110	238.9	16.3	1	889	31	237.2	247.5	240.4	226.0	243.6	
PIONEER	P13050AM CK	AM	113	269.9	16.4	1	1003	5	268.9	276.2	259.6	267.5	277.3	
				Averages =	260.0	16.6	1	965		254.4	272.3	258.2	247.4	267.4
				LSD (0.10) =	7.4	0.4	ns			15.4	11.4	15.4	10.7	11.5
				LSD (0.25) =	3.9	0.2	ns			8.1	6.0	8.1	5.6	6.0

William Schelp
William Schelp
william.schelp@firstseedtests.com, (573) 819-7968

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.76

† 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 product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location.

Additional reports available at www.firstseedtests.com

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Report Date: 10/02/2024

2024 Corn Grain Top 30 Region Summary for Missouri Central [MOCE]

Full-Season Test
113 - 118 Day CRM
 B2024MOCEb

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For Gross Income (Sorted by Yield), (16) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Concordia REJECTED	Malta Bend	New Franklin	Perry	Portage Des Sioux	
FS INVISION	FS 6447T RIB ↗	TRE	114	283.6	18.7	1	1036	1	289.0	305.4	280.7	262.0	286.6	
FS INVISION	FS 6545V RIB ↗	VT2P	115	279.0	18.4	1	1022	2	259.9	309.4	284.9	255.3	266.3	
MUSTANG	83A15 TRE RIB ↗	TRE	115	278.3	19.1	1	1013	4	252.2	309.5	272.7	251.8	279.2	
MUSTANG	93R18 TRE RIB ↗	TRE	118	278.3	20.3	1	1003	6	251.3	301.8	277.9	249.7	283.7	
TAYLOR	EXP C-117-24 ↗	TRE	117	277.4	20.6	1	997	8	248.2	306.5	269.8	248.0	285.3	
FS INVISION	FS 6747T RIB ↗	TRE	117	276.0	20.9	1	992	9	247.7	313.7	291.9	237.8	260.8	
GREAT HEART	HT-7360VT2P ↗	VT2P	113	274.4	18.5	1	1003	5	251.8	304.7	251.3	265.3	276.2	
FS INVISION	FS 6349PC RA ↗	PCE	113	274.2	17.1	1	1014	3	248.7	296.3	266.7	253.8	280.1	
AGVENTURE	AV4713PCE ↗	PCE	113	272.0	17.8	1	1000	7	248.5	294.6	256.4	260.8	276.3	
BURRUS	8M81 TRE ↗	TRE	117	271.2	20.1	2	979	16	248.5	297.2	275.1	249.0	263.5	
TAYLOR	6015 TRE ↗	TRE	115	270.2	18.5	1	988	10	284.8	289.3	263.4	257.3	271.0	
AGVENTURE	AV9916AM ↗	AM	116	270.0	18.5	1	986	11	248.4	291.2	245.1	265.3	278.4	
BURRUS	6N54 VT2P ↗	VT2P	113	268.9	18.3	1	985	12	248.9	278.0	268.0	259.7	270.0	
NUTECH	73A4AM ↗	AM	113	267.7	18.0	1	983	13	244.4	291.8	263.8	243.7	271.7	
PROHARVEST	84P78 TRERIB ↗	TRE	114	267.3	19.5	1	969	21	248.7	291.0	267.8	236.6	273.8	
AGVENTURE	AV9515AM ↗	AM	115	266.4	17.8	1	980	14	248.8	293.6	247.6	259.0	265.6	
AGVENTURE	AV3213AM ↗	AM	113	266.3	18.4	1	974	18	248.1	289.9	251.0	255.7	268.5	
FS INVISION	FS 6395VDG RIB ↗	VT2PDG	113	266.2	18.3	1	975	17	250.0	300.8	249.9	253.3	260.7	
GREAT HEART	HT-7500TRE ↗	TRE	115	266.1	20.4	1	958	26	248.0	284.9	274.5	246.4	258.5	
NUTECH	72D4AM ↗	AM	112	265.6	17.4	2	979	15	248.5	276.6	269.8	244.2	271.9	
MUSTANG	82R14 VT2P RIB ↗	VT2P	114	265.0	18.7	1	968	22	240.7	293.6	255.9	236.1	274.5	
AGVENTURE	AV3514AML ↗	AML	114	264.8	18.1	1	972	20	248.6	284.0	262.5	244.4	268.3	
PIONEER	P14830AML GC ↗	AML	114	264.7	17.8	1	972	19	248.8	289.1	222.6	268.6	278.5	
DEKALB	DKC117-78RIB GC ↗	VT2P	117	264.6	19.2	1	962	25	248.0	291.2	251.3	253.9	262.1	
NUTECH	74A5PCE ↗	PCE	114	262.6	17.5	1	967	23	251.5	283.4	242.3	253.3	271.2	
NUTECH	75C1PCE ↗	PCE	115	259.0	17.8	1	952	27	248.2	279.3	235.6	249.5	271.7	
TAYLOR	8680 ↗	VT2P	117	258.3	19.4	1	937	30	248.1	276.8	248.9	247.8	259.9	
NUTECH	73A6AML ↗	AML	113	258.2	17.7	1	950	28	238.1	272.9	254.8	241.3	263.7	
DEKALB	DKC64-22RIB GC ↗	VT2P	114	257.3	18.7	1	939	29	264.5	282.5	247.6	253.9	245.2	
MUSTANG	662TRE RIB ↗	TRE	113	251.8	16.9	1	932	31	241.1	275.8	229.2	244.2	257.9	
PIONEER	P13050AM CK	AM	113	261.4	17.5	1	963	24	251.1	282.0	253.3	251.0	259.2	
				Averages =	264.7	18.5	1	967		247.8	287.8	256.4	248.4	266.3
				LSD (0.10) =	9.0	0.9	ns			23.5	13.0	14.7	11.5	9.7
				LSD (0.25) =	4.7	0.5	ns			12.3	6.8	7.7	6.0	5.1

William Schelp
 William Schelp
 william.schelp@firstseedtests.com, (573) 819-7968

Large area of poor stands from saturated soils

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.76
 † 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 product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location. * 3 reps for the site.

Additional reports available at www.firstseedtests.com Prev. years average yield for region: 217.46 bu/a, 8 yr(s)
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2024 Corn Grain - Missouri Central [MOCE]

Early-Season Test Products (31 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV3310PCE	PCE	Y	110	Lum, L1
AgVenture	AV4112PCE	PCE	Y	112	Lum, L1
AgVenture	AV6010AM	AM	Y	110	Lum
AgVenture	AV6612AM	AM	Y	112	Lum
AgVenture	AV9412AM	AM	Y	112	Lum
Burrus	4W42 PCE	PCE	Y	108	Lum, L1
Burrus	POWER PLUS 4V73AM	AM	Y	109	Lum, L1
DeKalb	DKC111-35RIB GC	VT2P	Y*	111	AC,P5V
DeKalb	DKC62-70RIB GC	VT2P	Y	112	AC,P5V
FS InVision	FS 5947T RIB	TRE	Y	109	AC,P5V,EDC-EL
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6137PC RA	PCE	N	111	AC,P5V
FS InVision	FS 6245V RIB	VT2P	Y	112	AC,P5V,EDC-EL
FS InVision	FS 6248V RIB	VT2P	Y	112	CM,C5,Vi
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C1,Vi,Va
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Mustang	429PR RIB	VT2P	Y	110	CM,C5
Mustang	570PR RIB	VT2P	Y	112	CM,C5
NK Brand	NK0880-V	V	Y	108	CM,C1,Vi,Va
NK Brand	NK1056-V	V	Y	110	CM,C2,Vi,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Vi,Va
NK Brand	NK1228-AA	AA	Y	112	CM,C1,Vi,Va
NuTech	69C7PCE	PCE	Y	109	LumPro P2
NuTech	70B4AM	AM	Y	110	LumPro P2
NuTech	70F6V	VE	Y	110	LumPro P2
NuTech	72A8AM	AM	Y	112	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
Pioneer	P13050AM CK	AM	Y	113	Lum
ProHarvest	80P75 PCE	PCE	Y	110	AC,P2
ProHarvest	81P65 V	V	Y	111	CM,C2,Vi,Va
Taylor	EXP C-111-24	VT4P	N	111	CM,C2

* 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.

2024 Corn Grain - Missouri Central [MOCE]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV3213AM	AM	Y	113	Lum
AgVenture	AV3514AML	AML	Y	114	Lum
AgVenture	AV4713PCE	PCE	Y	113	Lum
AgVenture	AV9515AM	AM	Y	115	Lum, L1
AgVenture	AV9916AM	AM	Y	116	Lum
Burrus	6N54 VT2P	VT2P	Y	113	AC,P5V,EDC-EL
Burrus	8M81 TRE	TRE	Y	117	AC,P5V,EDC-B
DeKalb	DKC117-78RIB GC	VT2P	Y*	117	Treated
DeKalb	DKC64-22RIB GC	VT2P	Y	114	AC,P5V
FS InVision	FS 6349PC RA	PCE	Y	113	CM,C2,Vi,Va
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6545V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6747T RIB	TRE	Y	117	AC,P5V,EDC-EL
Golden Harvest	G13U96-DV	DV	Y	113	CM,C1,Va
Golden Harvest	G15U34-V	V	Y	115	CM,C2,Vi,Va
Great Heart	HT-7360VT2P	VT2P	N	113	F,I
Great Heart	HT-7500TRE	TRE	N	115	F,I
Mustang	662TRE RIB	TRE	Y	113	CM,C5
Mustang	82R14 VT2P RIB	VT2P	Y	114	CM,C5
Mustang	83A15 TRE RIB	TRE	Y	115	CM,C5
Mustang	93R18 TRE RIB	TRE	Y	118	CM,C5
NK Brand	NK1307-DV	DV	Y	113	CM,C1,Vi,Va
NK Brand	NK1386-VZ	VZ	Y	113	CM,C2,Vi,Va
NK Brand	NK1523-V	V	Y	115	CM,C5,Vi,Va
NuTech	72D4AM	AM	Y	112	LumPro P2
NuTech	73A4AM	AM	Y	113	LumPro P2
NuTech	73A6AML	AML	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
NuTech	75C1PCE	PCE	Y	115	LumPro P2
Pioneer	P13050AM CK	AM	Y	113	Lum
Pioneer	P14830AML GC	AML	Y	114	Lum
ProHarvest	84P78 TRERIB	TRE	Y	114	F,I
Taylor	6015 TRE	TRE	N	115	CM,C2
Taylor	8680	VT2P	Y	117	F,I
Taylor	EXP C-117-24	TRE	N	117	CM,C2

* 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 Grain Technologies

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® 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
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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

Corn Grain Seed Treatments*

NA	Not Available
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
AVC,C1,Vi,Va	Avicta® Complete 1250, Vibrance®, Vayantis®
CM,C1,Va	CruiserMaxx® 1250 with Vayantis®
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5	Cruisermaxx® 500
CM,C5,Vi	CruiserMaxx® 500 with Vibrance
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
F,I	Fungicide, Insecticide
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/Lumivia250 insecticide, Lumialza nematicide
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.