

2021 Corn Grain Top 30 Performance Summary for Missouri Central [MOCE]

Early-Season Test

107 - 112 Day CRM

B2021MOCEa

Top 30 of 36

For Gross Income (Sorted by Yield), (14) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Malta Bend *	New Franklin *	Perry REJECTED	Portage Des Sioux	Sweet Springs	
NUTECH	72D4AM ↗	AM	112	203.4	15.8	2	1008	1	237.8	139.6	214.4	278.5	157.8	
MIDLAND GENETICS	582TRE RIB ↗	TRE	111	200.3	16.4	7	988	2	238.0	154.9	65.9	247.2	161.2	
BURRUS	POWER PLUS 4C14AM ↗	AM	108	196.8	15.0	1	980	3	223.5	137.8	187.6	260.8	165.0	
GOLDEN HARVEST	G10D21-3330 EZR ↗	3330	110	194.1	15.5	4	965	5	221.0	157.0	72.4	243.3	155.2	
FS INVISION	FS 6017V RIB ↗	VT2P	110	193.7	14.8	3	965	4	226.6	140.1	75.3	243.8	164.2	
NUTECH	70A8AM ↗	AM	110	192.4	15.8	1	955	6	214.8	157.2	192.3	234.6	162.8	
PIONEER	P1108Q GC ↗	QR	111	191.8	15.9	4	951	7	220.8	144.0	197.7	232.0	170.4	
MIDLAND GENETICS	660PR DG RIB ↗	VT2PDG	113	190.2	16.2	1	941	9	216.3	145.4	203.5	234.0	165.2	
LEWIS	12DT302 ↗	TRE	112	189.7	15.2	3	945	8	217.0	135.0	111.8	254.6	152.1	
GREAT HEART	HT-7256DGV2P ↗	VT2PDG	112	189.4	15.7	2	940	10	223.0	134.2	201.1	243.5	156.9	
NUTECH	72B7Q ↗	QR	112	189.0	16.2	2	935	12	217.6	135.5	192.3	246.7	156.2	
MIDLAND GENETICS	570PR RIB ↗	VT2P	112	188.4	16.8	6	928	17	226.9	146.9	122.8	228.7	151.2	
MIDLAND GENETICS	381VLGA EZ1 ↗	3220A	108	188.1	15.3	2	935	13	212.0	140.0	171.0	234.2	166.3	
FS INVISION	FS 6107T RIB ↗	TRE	111	187.8	14.4	2	937	11	205.0	118.6	111.0	258.6	169.0	
LEWIS	11DT912 ↗	TRE	111	187.8	15.4	2	934	14	213.0	135.2	91.1	253.7	149.3	
AGRIGOLD	A641-54VT2RIB GC ↗	VT2P	111	187.1	16.1	5	926	19	224.5	156.6	111.2	227.4	139.9	
NUTECH	68A7AM ↗	AM	108	186.7	15.1	2	929	15	208.8	123.8	203.9	253.4	161.0	
PIONEER	P0995AM GC ↗	AM	109	186.5	15.8	3	924	21	205.9	137.7	141.4	248.7	153.6	
NK BRAND	NK1082-3220A EZR ↗	3220A	110	186.3	15.5	1	925	20	222.8	130.8	109.3	229.9	161.9	
NUTECH	68B3AML ↗	AML	108	186.2	15.3	2	927	18	209.1	122.5	201.9	252.2	161.0	
LEWIS	09DD740 ↗	VT2PDG	109	185.8	13.9	7	929	16	215.9	136.6	213.9	224.0	166.7	
GOLDEN HARVEST	G10L16-3220A EZR ↗	3220A	110	185.6	15.6	3	920	23	195.7	140.3	81.1	236.5	170.0	
BURRUS	POWER PLUS 5L44AM ↗	AM	110	185.5	15.5	1	920	22	206.8	142.5	151.5	224.8	168.0	
FS INVISION	FS 5909D2A EZR ↗	5222A	109	185.1	16.8	1	910	25	201.2	135.1	131.7	243.7	160.4	
GOLDEN HARVEST	G11V76-3120 EZR ↗	3120	111	184.9	16.2	2	914	24	220.0	127.0	91.8	243.2	149.3	
LEWIS	10DP719 ↗	VT2P	110	182.4	14.4	4	910	26	220.0	127.9	151.2	217.6	164.0	
NK BRAND	NK1188-3120 EZR ↗	3120	111	182.0	16.4	2	899	28	200.1	128.0	85.3	241.8	158.3	
FS INVISION	FS 6106X RIB ↗	STX	111	181.2	14.5	2	905	27	215.8	137.8	184.6	222.3	148.8	
MIDLAND GENETICS	411PR RIB ↗	VT2P	110	180.6	15.0	7	898	29	211.5	143.6	151.1	219.5	147.7	
LEWIS	08DP739 ↗	VT2P	108	177.3	14.8	7	883	31	191.0	146.2	195.1	213.2	158.9	
PIONEER	P1380AM CK	AM	113	179.7	15.8	2	891	30	198.9	117.7	195.4	248.2	154.0	
				Averages =	185.7	15.6	3	921		212.6	136.2	143.1	236.3	158.7
				LSD (0.10) =	13.3	0.6	3			20.2	8.9	32.8	11.3	10.1
				LSD (0.25) =	7.0	0.3	2			10.6	4.6	17.2	6.0	5.3

Wind damage - not included in summary

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William Schelp

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Prev. years average yield for region: 221.13 bu/a, 4 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$5.00; non-GMO = \$5.00

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com *There were 3 reps for the site.

Additional reports available at www.firstseedtests.com

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Report Date: 10/14/2021

2021 Corn Grain Top 30 Performance Summary for Missouri Central [MOCE]

Full-Season Test

113 - 118 Day CRM

B2021MOCEb

Top 30 of 36

For Gross Income (Sorted by Yield), (14) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Malta Bend *	New Franklin *	Perry REJECTED	Portage Des Sioux	Sweet Springs
LEWIS	17DP651 ↗	VT2P	117	221.6	20.0	1	1066	1	270.8	166.5	157.6	267.4	181.7
DYNA-GRO	D55VC80 ↗	VT2P	115	213.8	18.5	2	1040	3	270.2	161.8	59.5	263.1	160.1
NUTECH	74B6AM ↗	AM	114	213.6	17.1	1	1050	2	270.4	161.9	222.8	253.7	168.5
LEWIS	16DP850 ↗	VT2P	116	210.7	19.2	1	1020	4	264.1	162.3	45.0	248.8	167.5
GOLDEN HARVEST	G17E95-3110 ↗	3110	117	208.5	18.3	1	1017	5	256.6	173.2	159.5	264.1	140.1
LEWIS	15DT512 ↗	TRE	115	206.9	17.3	3	1015	6	274.9	150.6	59.5	253.7	148.6
BURRUS	POWER PLUS 6J92AM ↗	AM	113	206.7	17.3	2	1014	7	270.7	129.0	217.9	256.8	170.4
LEWIS	15DP899 ↗	VT2P	115	206.1	17.6	2	1011	9	252.7	170.7	217.9	254.6	146.3
MIDLAND GENETICS	662TRE RIB ↗	TRE	113	204.8	16.1	2	1013	8	251.2	168.5	217.9	252.8	146.6
FS INVISION	FS 6595V RIB ↗	VT2P	115	204.6	18.5	2	995	12	270.1	140.8	48.1	247.7	159.7
AGRIGOLD	A645-16VT2RIB GC ↗	VT2P	115	203.6	18.3	1	992	15	251.0	146.0	48.2	255.8	161.6
FS INVISION	FS 6306T RIB ↗	TRE	113	203.4	15.8	2	1008	10	258.2	154.0	31.2	249.9	151.4
GREAT HEART	HT-7302VT2P ↗	VT2P	113	202.7	17.3	5	994	13	270.8	149.9	61.1	231.6	158.5
PIONEER	P1870AM GC ↗	AM	118	202.5	18.5	1	986	18	263.9	161.0	217.9	251.8	133.4
NUTECH	74F3AM ↗	AM	114	202.3	16.9	4	995	11	269.1	141.1	187.3	250.4	148.6
MIDLAND GENETICS	801PR RIB ↗	VT2P	117	201.8	17.6	1	988	17	270.4	151.4	89.3	247.9	137.4
MIDLAND GENETICS	752TRE RIB ↗	TRE	115	201.7	17.4	2	989	16	264.9	145.3	142.2	252.8	144.0
LEWIS	13DT272 ↗	TRE	113	200.5	16.1	4	993	14	253.4	148.9	177.1	239.9	160.0
FS INVISION	FS 6818V RIB ↗	VT2P	118	199.0	19.0	9	965	23	260.4	148.5	87.2	242.0	145.1
NK BRAND	NK1661-3120A EZR ↗	3120A	116	198.6	17.9	2	970	20	255.8	147.5	207.1	240.9	150.2
BURRUS	7K64 DGVT2P ↗	VT2PDG	115	198.0	17.3	2	972	19	235.6	165.9	177.6	237.6	153.0
NUTECH	77A5AM ↗	AM	117	197.9	17.8	1	967	21	261.6	111.3	197.9	252.9	165.7
MIDLAND GENETICS	621PR RIB ↗	VT2P	114	197.5	17.8	2	965	22	254.3	145.3	97.1	238.9	151.5
GOLDEN HARVEST	G13P84-3120 EZR ↗	3120	113	195.5	17.4	2	960	24	241.1	167.8	105.5	225.5	147.7
NUTECH	74A9AM ↗	AM	114	195.2	16.8	2	960	25	232.5	127.9	207.4	256.3	164.2
DYNA-GRO	D54VC34 ↗	VT2P	114	194.8	16.7	7	960	26	258.6	142.3	157.6	243.7	134.7
NK BRAND	NK1321-3120 EZR ↗	3120	113	194.7	17.2	2	958	27	234.8	171.0	177.7	224.9	148.2
NK BRAND	NK1523-3220 EZR ↗	3220	115	194.1	18.0	2	948	30	244.0	147.4	191.2	242.3	142.7
FS INVISION	FS 6395VDG RIB ↗	VT2PDG	113	192.4	16.4	2	949	29	235.3	138.7	223.3	245.7	149.8
FS INVISION	FS 6606T RIB ↗	TRE	116	191.5	17.5	5	937	31	247.7	125.2	140.8	244.2	148.9
PIONEER	P1380AM CK	AM	113	192.5	16.0	2	952	28	255.6	112.9	215.0	251.6	149.9
				Averages =	199.8	17.6	2	978	252.9	147.5	133.0	246.4	152.4
				LSD (0.10) =	11.5	0.6	3		21.5	11.4	21.3	10.3	11.2
				LSD (0.25) =	6.0	0.3	2		11.3	6.0	11.2	5.4	5.9

Wind damage - not included in summary

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Report Date: 10/14/2021

2021 Corn Grain - Missouri Central [MOCE]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A638-74VT2PRIB GC	VT2P	Y*	108	AC
AgriGold	A641-54VT2RIB GC	VT2P	Y	111	AC,P5V
Augusta	A1259-5222	5222	N	109	CM,C2
Burrus	POWER PLUS 4C14AM	AM	Y	108	Lum
Burrus	POWER PLUS 5L44AM	AM	Y	110	Lum,P1V
Dyna-Gro	D51VC67	VT2P	N	110	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V
FS InVision	FS 5909D2A EZR	5222A	Y	109	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6107T RIB	TRE	Y	111	AC,P5V
Golden Harvest	G10D21-3330 EZR	3330	Y	110	AVC,C5,Vi
Golden Harvest	G10L16-3220A EZR	3220A	Y	110	AVC,C5,Vi
Golden Harvest	G11V76-3120 EZR	3120	Y	111	AVC,C5,Vi
Golden Harvest	G12S75-5122 EZR	5122	Y	112	AVC,C5,Vi
Great Heart	HT-7256DGV2P	VT2PDG	Y	112	AC,P5V
Lewis	08DP739	VT2P	Y	108	AC,P2,B360
Lewis	09DD740	VT2PDG	Y	109	AC,P5,EDC
Lewis	10DP719	VT2P	Y	110	AC,P2,B360
Lewis	11DT912	TRE	Y	111	AC,P5,EDC
Lewis	12DT302	TRE	Y	112	AC,P5,EDC
Midland Genetics	381VLGA EZ1	3220A	Y	108	Edge-CST
Midland Genetics	411PR RIB	VT2P	Y	110	Edge-CST
Midland Genetics	570PR RIB	VT2P	Y	112	Edge-CST
Midland Genetics	582TRE RIB	TRE	Y	111	Edge-CST
Midland Genetics	660PR DG RIB	VT2PDG	Y	113	Edge-CST
NK Brand	NK1082-3220A EZR	3220A	Y	110	AVC,C5,Vi
NK Brand	NK1188-3120 EZR	3120	Y	111	AVC,C5,Vi
NuTech	68A7AM	AM	Y	108	Lum,P1V
NuTech	68B3AML	AML	Y	108	Lum,P1V
NuTech	70A8AM	AM	Y	110	Lum,P1V
NuTech	72B7Q	QR	Y	112	Lum,P1V
NuTech	72D4AM	AM	Y	112	Lum,P1V
Pioneer	P0995AM GC	AM	N*	109	Lum
Pioneer	P1108Q GC	QR	Y	111	Lum
Pioneer	P1380AM CK	AM	Y	113	Lum

* 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.

2021 Corn Grain - Missouri Central [MOCE]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A645-16VT2RIB GC	VT2P	Y	115	AC,P5V
AgriGold	A647-35-5222 GC	5222	N	117	Treated
Burrus	7K64 DGVT2P	VT2PDG	Y	115	BPS
Burrus	POWER PLUS 6J92AM	AM	Y	113	BPS
Dyna-Gro	D54VC34	VT2P	N	114	AC,P5V
Dyna-Gro	D55VC80	VT2P	N	115	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6606T RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6818V RIB	VT2P	Y	118	AC,P5V
Golden Harvest	G13D55-3220 EZR	3220	Y	113	AVC,C5,Vi
Golden Harvest	G13P84-3120 EZR	3120	Y	113	AVC,C5,Vi
Golden Harvest	G15J91-3220 EZR	3220	Y	115	AVC,C5,Vi
Golden Harvest	G16Q82-3120A EZR	3120A	Y	116	AVC,C5,Vi
Golden Harvest	G17E95-3110	3110	N	117	AVC,C5,Vi
Great Heart	HT-7302VT2P	VT2P	Y	113	AC,P5V
Lewis	13DT272	TRE	Y	113	AC,P5,EDC
Lewis	15DP899	VT2P	Y	115	AC,P2,B360
Lewis	15DT512	TRE	Y	115	AC,P5,EDC
Lewis	16DP850	VT2P	Y	116	AC,P5,EDC
Lewis	17DP651	VT2P	Y	117	AC,P5,EDC
Midland Genetics	621PR RIB	VT2P	Y	114	Edge-CST
Midland Genetics	662TRE RIB	TRE	Y	113	Edge-CST
Midland Genetics	752TRE RIB	TRE	Y	115	Edge-CST
Midland Genetics	782PR RIB	VT2P	Y	115	Edge-CST
Midland Genetics	801PR RIB	VT2P	Y	117	Edge-CST
NK Brand	NK1321-3120 EZR	3120	Y	113	AVC,C5,Vi
NK Brand	NK1523-3220 EZR	3220	Y	115	AVC,C5,Vi
NK Brand	NK1661-3120A EZR	3120A	Y	116	AVC,C5,Vi
NuTech	74A9AM	AM	Y	114	Lum,P1V
NuTech	74B6AM	AM	Y	114	Lum,P1V
NuTech	74F3AM	AM	Y	114	Lum,P1V
NuTech	77A5AM	AM	Y	117	Lum,P1V
Pioneer	P1380AM CK	AM	Y	113	Lum
Pioneer	P1870AM GC	AM	Y	118	Lum

* 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

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

Corn Grain Technologies

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3120	Agrisure® 3120 (CB,HX,LL,GT)
3120A	Agrisure® Artesian® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3220A	Agrisure® Artesian® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

Corn Grain Seed Treatments*

NA	Not Available
AC	Acceleron® unspecified
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AVC,C5,Vi	Avicta® Complete 500, Vibrance
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
Edge-CST	Vibrance® Cinco + Cruiser® (Midland Genetics)
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.