

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

2021 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] MALTA BEND, MO

Robin Mull, Saline County, MO 65339

Early-Season Test	107 - 112 Day CRM B2021MOCE02a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Roundup, Outlook, 2-4d, Zidua Pro, Liberty
SOIL DESCRIPTION:	Marshall silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 7.0 pH, 3.0% OM, 14.9 CEC
PEST MANAGEMENT:	Atrazine, Verdict, Amazon Pro, Roundup, Force 3g
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-0-0
SEEDED - RATE - ROW:	Apr 26 32.4 /A 30" spacing
HARVESTED - STAND:	Sep 16 30.7 /A

TEST COMMENTS:

We had very good soil conditions at planting -- right alongside our cooperater -- with good soil temps and dust flying. Emergence was uniform. Mid-June this site had above-average temperatures for a period stressing the crop. Nearly 9 inches of rain fell on June 25, pushing the total for June rainfall much above average. A dry bias after June settled in for the remainder of the season. Just like planting, we harvested this site alongside the Mull family. On the side of both tests, 1 rep was removed where yield depression occurred possibly from heavy rain.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Midland Genetics	582TRE RIB ↗	TRE	111	238.0	16.3	1	31.3	1179	2	
NuTech	72D4AM ↗	AM	112	237.8	15.6	1	30.3	1184	1	
Golden Harvest	G12S75-5122 EZR ↗	5122	112	227.5	17.6	1	31.0	1117	5	
Midland Genetics	570PR RIB ↗	VT2P	112	226.9	17.5	1	31.7	1114	7	
FS InVision	FS 6017V RIB ↗	VT2P	110	226.6	13.9	1	30.3	1133	3	
AgriGold	A641-54VT2RIB GC ↗	VT2P	111	224.5	16.0	1	29.7	1115	6	
Burrus	POWER PLUS 4C14AM ↗	AM	108	223.5	14.6	2	30.7	1118	4	
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	223.0	15.2	1	30.7	1114	8	
NK Brand	NK1082-3220A EZR ↗	3220A	110	222.8	14.8	1	31.0	1114	9	
Golden Harvest	G10D21-3330 EZR ↗	3330	110	221.0	15.0	1	30.3	1105	10	
Pioneer	P1108Q GC ↗	QR	111	220.8	15.5	1	31.0	1100	11	
Lewis	10DP719 ↗	VT2P	110	220.0	13.7	1	31.3	1100	12	
Golden Harvest	G11V76-3120 EZR ↗	3120	111	220.0	15.5	1	30.7	1096	13	
NuTech	72B7Q ↗	QR	112	217.6	15.9	1	30.3	1081	15	
Lewis	12DT302 ↗	TRE	112	217.0	15.0	1	30.3	1085	14	
Midland Genetics	660PR DG RIB ↗	VT2PDG	113	216.3	16.1	1	31.3	1073	19	
Lewis	09DD740 ↗	VT2PDG	109	215.9	12.4	1	31.0	1080	16	
FS InVision	FS 6106X RIB ↗	STX	111	215.8	14.8	1	31.0	1079	17	
NuTech	70A8AM ↗	AM	110	214.8	15.0	1	30.0	1074	18	
Dyna-Gro	D51VC67 ↗	VT2P	110	213.5	13.9	1	31.7	1068	20	
Lewis	11DT912 ↗	TRE	111	213.0	14.6	1	30.3	1065	21	
AgriGold	A638-74VT2PRIB GC ↗	VT2P	108	212.4	15.1	1	30.7	1062	22	
Midland Genetics	381VLGA EZ1 ↗	3220A	108	212.0	14.9	1	30.7	1060	23	
Midland Genetics	411PR RIB ↗	VT2P	110	211.5	14.1	1	31.3	1058	24	
NuTech	68B3AML ↗	AML	108	209.1	15.2	1	30.3	1044	25	
NuTech	68A7AM ↗	AM	108	208.8	14.5	1	30.7	1044	26	
Burrus	POWER PLUS 5L44AM ↗	AM	110	206.8	14.3	1	29.7	1034	27	
Pioneer	P0995AM GC ↗	AM	109	205.9	15.8	1	31.3	1024	29	
FS InVision	FS 6107T RIB ↗	TRE	111	205.0	13.6	1	30.3	1025	28	
FS InVision	FS 5909D2A EZR ↗	5222A	109	201.2	16.3	1	30.0	997	30	
Pioneer	P1380AM CK	AM	113	198.9	14.9	1	31.0	994	31	
				Averages =	212.6	15.1	1	30.7	1057	
				LSD (0.10) =	20.2	1.1	ns			
				LSD (0.25) =	10.6	0.6	ns			
				C.V. =	9.0					
				Historic yield: 259.39 bu/a, 2 yr(s)						

William Schelp

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$5.00; non-GMO = \$5.00

Report Date: 09/16/2021

† 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

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2021 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] MALTA BEND, MO

Robin Mull, Saline County, MO 65339

Full-Season Test	113 - 118 Day CRM B2021MOCE02b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Roundup, Outlook, 2-4d, Zidua Pro, Liberty
SOIL DESCRIPTION:	Marshall silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 7.0 pH, 3.0% OM, 14.9 CEC
PEST MANAGEMENT:	Atrazine, Verdict, Amazon Pro, Roundup, Force 3g
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-0-0
SEEDED - RATE - ROW:	Apr 26 32.4 /A 30" spacing
HARVESTED - STAND:	Sep 16 30.9 /A

TEST COMMENTS:

We had very good soil conditions at planting -- right alongside our cooperater -- with good soil temps and dust flying. Emergence was uniform. Mid-June this site had above-average temperatures for a period stressing the crop. Nearly 9 inches of rain fell on June 25, pushing the total for June rainfall much above average. A dry bias after June settled in for the remainder of the season. Just like planting, we harvested this site alongside the Mull family. On the side of both tests, 1 rep was removed where yield depression occurred possibly from heavy rain.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	15DT512 ↗	TRE	115	274.9	18.3	1	31.0	1342	1
Great Heart	HT-7302VT2P ↗	VT2P	113	270.8	18.5	1	31.7	1321	5
Lewis	17DP651 ↗	VT2P	117	270.8	21.8	1	29.7	1290	10
Burrus	POWER PLUS 6J92AM ↗	AM	113	270.7	17.2	1	30.7	1333	3
NuTech	74B6AM ↗	AM	114	270.4	16.8	1	31.7	1335	2
Midland Genetics	801PR RIB ↗	VT2P	117	270.4	18.0	1	31.0	1323	4
Dyna-Gro	D55VC80 ↗	VT2P	115	270.2	19.6	1	31.0	1307	8
FS InVision	FS 6595V RIB ↗	VT2P	115	270.1	19.3	1	31.3	1310	7
NuTech	74F3AM ↗	AM	114	269.1	17.8	1	31.3	1319	6
Midland Genetics	752TRE RIB ↗	TRE	115	264.9	18.4	1	30.7	1293	9
Lewis	16DP850 ↗	VT2P	116	264.1	19.9	1	31.3	1276	13
Pioneer	P1870AM GC ↗	AM	118	263.9	18.6	1	31.3	1286	11
NuTech	77A5AM ↗	AM	117	261.6	18.5	1	31.0	1276	14
FS InVision	FS 6818V RIB ↗	VT2P	118	260.4	19.9	1	31.3	1258	17
Dyna-Gro	D54VC34 ↗	VT2P	114	258.6	17.9	1	30.7	1267	16
FS InVision	FS 6306T RIB ↗	TRE	113	258.2	16.0	1	30.0	1282	12
Golden Harvest	G17E95-3110 ↗	3110	117	256.6	18.4	1	30.7	1252	19
NK Brand	NK1661-3120A EZR ↗	3120A	116	255.8	18.9	1	31.0	1244	20
Midland Genetics	621PR RIB ↗	VT2P	114	254.3	18.6	1	31.0	1239	23
Lewis	13DT272 ↗	TRE	113	253.4	16.4	1	31.3	1254	18
Lewis	15DP899 ↗	VT2P	115	252.7	17.7	1	31.0	1240	22
Midland Genetics	662TRE RIB ↗	TRE	113	251.2	16.6	1	30.7	1242	21
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	251.0	18.8	1	31.0	1221	24
FS InVision	FS 6606T RIB ↗	TRE	116	247.7	19.7	1	30.7	1198	25
NK Brand	NK1523-3220 EZR ↗	3220	115	244.0	18.6	1	31.0	1190	26
Golden Harvest	G13P84-3120 EZR ↗	3120	113	241.1	17.6	1	30.3	1184	27
Golden Harvest	G13D55-3220 EZR ↗	3220	113	236.8	16.0	1	31.0	1176	28
Burrus	7K64 DGVT2P ↗	VT2PDG	115	235.6	17.8	1	31.0	1155	30
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	235.3	16.4	1	31.0	1165	29
NK Brand	NK1321-3120 EZR ↗	3120	113	234.8	17.6	1	31.0	1153	31
Pioneer	P1380AM CK	AM	113	255.6	16.0	1	31.3	1269	15
				Averages =	252.9	18.2	1	30.9	1236
				LSD (0.10) =	21.5	0.8	ns		
				LSD (0.25) =	11.3	0.4	ns		
				C.V. =	8.0				
				Historic yield: 259.39 bu/a, 2 yr(s)					

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