

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

2021 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] PORTAGE DES SIOUX, MO
Matt Neustadt, St. Charles County, MO

Early-Season Test	107 - 112 Day CRM B2021MOCE05a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Roundup, Zidua Pro
SOIL DESCRIPTION:	Sioux Loam loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/ Fall Till, soil test TDB
PEST MANAGEMENT:	Anthem Maxx, Cavallo, Atrazine, Force 3g
FERTILITY - Applied N:	220 Sidedress, 25# Sulphur
Applied N-P-K (units):	220-0-0
SEEDED - RATE - ROW:	Apr 6 32.4 /A 30" spacing
HARVESTED - STAND:	Sep 10 32.2 /A

TEST COMMENTS:

April started off with warm temperatures and great drying weather. The location was seeing daytime highs 20 degrees above normal. Early planting of this trial into very good soil conditions followed. Then, daily high temperatures about 2 weeks after planting were below the average low this time of year. (See April 21 on weather summary and graph below.) Emergence was slow. Well-drained soil helped. Two separate nitrogen applications were made: side dress and drops before tassel. The trial took shape with pollination rainfall events. Plenty of 90 degree days and wind in early September aided with crop dry-down.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	72D4AM ↗	AM	112	278.5	17.5	1	31.8	1368	1
Burrus	POWER PLUS 4C14AM ↗	AM	108	260.8	16.2	1	32.3	1294	2
FS InVision	FS 6107T RIB ↗	TRE	111	258.6	15.4	1	32.5	1289	3
Lewis	12DT302 ↗	TRE	112	254.6	16.0	2	32.0	1264	4
Lewis	11DT912 ↗	TRE	111	253.7	16.8	1	32.3	1253	6
NuTech	68A7AM ↗	AM	108	253.4	16.3	1	31.8	1256	5
NuTech	68B3AML ↗	AML	108	252.2	16.1	1	32.5	1251	7
Pioneer	P0995AM GC ↗	AM	109	248.7	17.4	1	31.8	1223	8
Midland Genetics	582TRE RIB ↗	TRE	111	247.2	18.9	1	32.0	1203	12
NuTech	72B7Q ↗	QR	112	246.7	17.7	1	32.5	1210	10
Golden Harvest	G12S75-5122 EZR ↗	5122	112	244.6	19.8	1	33.0	1182	16
FS InVision	FS 6017V RIB ↗	VT2P	110	243.8	16.1	1	32.5	1210	11
FS InVision	FS 5909D2A EZR ↗	5222A	109	243.7	19.7	1	32.0	1178	18
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	243.5	17.4	1	32.0	1197	14
Golden Harvest	G10D21-3330 EZR ↗	3330	110	243.3	16.5	1	32.3	1203	13
Golden Harvest	G11V76-3120 EZR ↗	3120	111	243.2	18.2	1	32.3	1189	15
NK Brand	NK1188-3120 EZR ↗	3120	111	241.8	18.3	1	32.3	1181	17
Augusta	A1259-5222 ↗	5222	109	240.7	19.7	1	32.3	1164	19
Golden Harvest	G10L16-3220A EZR ↗	3220A	110	236.5	17.9	1	32.3	1158	20
NuTech	70A8AM ↗	AM	110	234.6	17.1	1	32.3	1156	21
Midland Genetics	381VLGA EZ1 ↗	3220A	108	234.2	17.2	1	31.5	1153	22
Midland Genetics	660PR DG RIB ↗	VT2PDG	113	234.0	17.7	1	32.8	1148	23
Pioneer	P1108Q GC ↗	QR	111	232.0	17.0	1	32.3	1144	24
NK Brand	NK1082-3220A EZR ↗	3220A	110	229.9	18.0	1	32.0	1125	25
Midland Genetics	570PR RIB ↗	VT2P	112	228.7	18.4	1	32.5	1117	27
AgriGold	A641-54VT2RIB GC ↗	VT2P	111	227.4	18.5	1	32.0	1109	29
Burrus	POWER PLUS 5L44AM ↗	AM	110	224.8	17.6	1	32.0	1104	30
Lewis	09DD740 ↗	VT2PDG	109	224.0	15.2	1	31.5	1118	26
FS InVision	FS 6106X RIB ↗	STX	111	222.3	14.6	1	32.3	1112	28
AgriGold	A638-74VT2PRIB GC ↗	VT2P	108	220.7	15.7	1	32.0	1098	31
Pioneer	P1380AM CK	AM	113	248.2	17.7	1	32.0	1217	9
				Averages =	236.3	17.2	1	32.2	1160
				LSD (0.10) =	11.3	0.6	ns		
				LSD (0.25) =	6.0	0.3	ns		
william.schelp@firstseedtests.com, (573) 819-7968				C.V. =	5.3	Historic yield: 242.52 bu/a, 2 yr(s)			

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

Report Date: 09/13/2021

† 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] PORTAGE DES SIOUX, MO
Matt Neustadt, St. Charles County, MO

Full-Season Test	113 - 118 Day CRM B2021MOCE05b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Roundup, Zidua Pro
SOIL DESCRIPTION:	Sioux Loam loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/ Fall Till, soil test TDB
PEST MANAGEMENT:	Anthem Maxx, Cavallo, Atrazine, Force 3g
FERTILITY - Applied N:	220 Sidedress, 25# Sulphur
Applied N-P-K (units):	220-0-0
SEEDED - RATE - ROW:	Apr 6 32.4 /A 30" spacing
HARVESTED - STAND:	Sep 10 32.2 /A

TEST COMMENTS:

April started off with warm temperatures and great drying weather. The location was seeing daytime highs 20 degrees above normal. Early planting of this trial into very good soil conditions followed. Then, daily high temperatures about 2 weeks after planting were below the average low this time of year. (See April 21 on weather summary and graph below.) Emergence was slow. Well-drained soil helped. Two separate nitrogen applications were made: side dress and drops before tassel. The trial took shape with pollination rainfall events. Plenty of 90 degree days and wind in early September aided with crop dry-down.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Lewis	17DP651 ↗	VT2P	117	267.4	21.8	1	32.0	1274	2	
Golden Harvest	G17E95-3110 ↗	3110	117	264.1	19.9	1	32.0	1275	1	
Dyna-Gro	D55VC80 ↗	VT2P	115	263.1	20.3	1	32.3	1267	3	
Burrus	POWER PLUS 6J92AM ↗	AM	113	256.8	19.8	1	33.3	1241	5	
NuTech	74A9AM ↗	AM	114	256.3	17.4	1	32.0	1260	4	
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	255.8	20.5	1	32.0	1230	11	
Lewis	15DP899 ↗	VT2P	115	254.6	18.7	1	31.8	1240	7	
Golden Harvest	G15J91-3220 EZR ↗	3220	115	254.0	19.7	1	32.3	1228	12	
NuTech	74B6AM ↗	AM	114	253.7	19.8	1	32.0	1226	14	
Lewis	15DT512 ↗	TRE	115	253.7	18.9	1	32.3	1234	8	
NuTech	77A5AM ↗	AM	117	252.9	19.4	1	32.3	1225	15	
Midland Genetics	752TRE RIB ↗	TRE	115	252.8	19.0	1	32.5	1228	13	
Midland Genetics	662TRE RIB ↗	TRE	113	252.8	17.7	1	31.8	1241	6	
Pioneer	P1870AM GC ↗	AM	118	251.8	20.5	1	32.3	1211	17	
NuTech	74F3AM ↗	AM	114	250.4	18.4	1	32.3	1222	16	
FS InVision	FS 6306T RIB ↗	TRE	113	249.9	17.1	1	32.0	1231	10	
Lewis	16DP850 ↗	VT2P	116	248.8	21.8	1	32.0	1185	23	
Midland Genetics	801PR RIB ↗	VT2P	117	247.9	19.5	1	32.8	1200	18	
FS InVision	FS 6595V RIB ↗	VT2P	115	247.7	20.8	1	32.0	1188	22	
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	245.7	18.3	1	32.5	1200	19	
FS InVision	FS 6606T RIB ↗	TRE	116	244.2	18.5	1	31.8	1191	21	
Dyna-Gro	D54VC34 ↗	VT2P	114	243.7	17.9	1	32.3	1194	20	
NK Brand	NK1523-3220 EZR ↗	3220	115	242.3	19.9	1	32.0	1170	25	
FS InVision	FS 6818V RIB ↗	VT2P	118	242.0	21.1	1	32.3	1159	28	
NK Brand	NK1661-3120A EZR ↗	3120A	116	240.9	20.2	1	32.3	1161	26	
Lewis	13DT272 ↗	TRE	113	239.9	16.9	1	32.3	1184	24	
Midland Genetics	621PR RIB ↗	VT2P	114	238.9	19.1	1	32.3	1160	27	
Burrus	7K64 DGVT2P ↗	VT2PDG	115	237.6	19.4	1	32.0	1151	29	
Golden Harvest	G16Q82-3120A EZR ↗	3120A	116	236.3	20.0	1	32.0	1140	31	
Golden Harvest	G13D55-3220 EZR ↗	3220	113	235.4	19.0	1	32.0	1144	30	
Pioneer	P1380AM CK	AM	113	251.6	17.8	1	32.0	1233	9	
				Averages =	246.4	19.4	1	32.2	1194	
				LSD (0.10) =	10.3	0.7	ns			
				LSD (0.25) =	5.4	0.3	ns			
				C.V. =	4.6					
										Historic yield: 242.52 bu/a, 2 yr(s)

William Schelp

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

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

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