

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

## 2021 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] PERRY, MO  
Scott & Mark Hodges, Ralls County, MO

<b>Early-Season Test</b>	107 - 112 Day CRM B2021MOCE04a
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Cloak Ex, Anthem Maxx, Liberty
<b>SOIL DESCRIPTION:</b>	Putnam silt loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, medium P, medium K, 5.6 pH, 2.0% OM, 13.5 CEC
<b>PEST MANAGEMENT:</b>	Fultime Nxt, Callisto, Force 6.5g
<b>FERTILITY - Applied N:</b>	165 Fall, 11 Spring
<b>Applied N-P-K (units):</b>	176-52-62
<b>SEEDED - RATE - ROW:</b>	Apr 5 30.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Sep 29 26.3 /A

### TEST COMMENTS:

Quick warm-up presented a great opportunity to plant alongside the Hodges brothers. Decent early stands ended up being the high-water mark. Challenging wet and cool weather followed. Very small windows for fieldwork made for a difficult April and May. Many replant acres were both observed and reported. Two separate damaging wind events caused lodging mid-season. Scott said, "We shelled corn from 0 to 200 bpa. Won't end up averaging over 90. The weather really stunk this year." Both tests statistical analysis showed high overall variance among all hybrids, but very significant differences between hybrids with low variation among replicate plots of the same hybrid, including the check product. Because of wind damage, location results will not be included in the regional summary.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	72D4AM ↗	AM	112	<b>214.4</b>	13.6	2	26.5	1072	1
Lewis	09DD740 ↗	VT2PDG	109	<b>212.9</b>	13.0	3	26.5	1064	2
NuTech	68B3AML ↗	AML	108	<b>208.1</b>	13.3	1	26.3	1040	3
NuTech	68A7AM ↗	AM	108	<b>206.9</b>	13.2	2	27.0	1034	4
Midland Genetics	660PR DG RIB ↗	VT2PDG	113	<b>203.5</b>	13.7	1	26.8	1018	5
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	<b>202.1</b>	13.7	1	25.3	1010	6
Pioneer	P1108Q GC ↗	QR	111	<b>196.7</b>	13.7	1	25.8	984	7
NuTech	70A8AM ↗	AM	110	<b>195.6</b>	13.6	1	26.5	978	8
Lewis	08DP739 ↗	VT2P	108	<b>195.1</b>	13.5	1	26.3	976	10
NuTech	72B7Q ↗	QR	112	<b>192.3</b>	14.0	3	26.0	962	11
<b>Burrus</b>	<b>POWER PLUS 5L44AM ↗</b>	<b>AM</b>	<b>110</b>	<b>190.6</b>	<b>13.5</b>	<b>1</b>	<b>27.3</b>	<b>953</b>	<b>12</b>
<b>Burrus</b>	<b>POWER PLUS 4C14AM ↗</b>	<b>AM</b>	<b>108</b>	<b>187.6</b>	<b>13.5</b>	<b>2</b>	<b>26.3</b>	<b>938</b>	<b>13</b>
FS InVision	FS 6106X RIB ↗	STX	111	<b>184.6</b>	14.3	1	25.8	923	14
AgriGold	A641-54VT2RIB GC ↗	VT2P	111	<b>183.2</b>	13.7	3	26.8	916	15
Midland Genetics	411PR RIB ↗	VT2P	110	151.1	13.6	3	27.0	756	16
Pioneer	P0995AM GC ↗	AM	109	147.4	13.7	11	25.3	736	17
Lewis	10DP719 ↗	VT2P	110	146.2	13.8	2	26.5	731	18
FS InVision	FS 6107T RIB ↗	TRE	111	140.0	13.0	8	26.3	700	19
FS InVision	FS 5909D2A EZR ↗	5222A	109	131.7	13.6	22	26.0	658	20
Midland Genetics	570PR RIB ↗	VT2P	112	123.8	14.1	23	26.5	619	21
Augusta	A1259-5222 ↗	5222	109	120.3	13.8	23	27.0	602	22
Midland Genetics	381VLGA EZ1 ↗	3220A	108	115.0	13.5	23	26.3	575	23
Lewis	12DT302 ↗	TRE	112	114.4	13.7	20	26.0	572	24
NK Brand	NK1082-3220A EZR ↗	3220A	110	109.3	14.1	27	26.5	546	25
Lewis	11DT912 ↗	TRE	111	97.8	13.7	34	26.8	489	26
Dyna-Gro	D51VC67 ↗	VT2P	110	97.8	13.9	28	26.5	489	27
Golden Harvest	G11V76-3120 EZR ↗	3120	111	92.3	14.4	31	26.0	461	28
FS InVision	FS 5815V RIB ↗	VT2P	108	90.1	13.1	26	25.0	450	29
Golden Harvest	G10L16-3220A EZR ↗	3220A	110	86.9	13.9	50	25.5	434	30
NK Brand	NK1188-3120 EZR ↗	3120	111	85.3	14.2	35	25.5	426	31
Pioneer	P1380AM CK	AM	113	195.4	14.3	1	26.3	977	9
				<b>Averages =</b>	<b>143.1</b>	<b>13.7</b>	<b>16</b>	<b>26.3</b>	<b>718</b>
				<b>LSD (0.10) =</b>	32.8	0.4	15		
				<b>LSD (0.25) =</b>	17.2	0.2	8		
William Schelp				<b>C.V. =</b>	25.1				
william.schelp@firstseedtests.com, (573) 819-7968				Historic yield: 200.38 bu/a, 3 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: 10/07/2021

† 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] PERRY, MO  
Scott & Mark Hodges, Ralls County, MO

<b>Full-Season Test</b>	113 - 118 Day CRM B2021MOCE04b
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Cloak Ex, Anthem Maxx, Liberty
<b>SOIL DESCRIPTION:</b>	Putnam silt loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, medium P, medium K, 5.6 pH, 2.0% OM, 13.5 CEC
<b>PEST MANAGEMENT:</b>	Fultime Nxt, Callisto, Force 6.5g
<b>FERTILITY - Applied N:</b>	165 Fall, 11 Spring
<b>Applied N-P-K (units):</b>	176-52-62
<b>SEEDED - RATE - ROW:</b>	Apr 5 30.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Sep 29 26.8 /A

### TEST COMMENTS:

Quick warm-up presented a great opportunity to plant alongside the Hodges brothers. Decent early stands ended up being the high-water mark. Challenging wet and cool weather followed. Very small windows for fieldwork made for a difficult April and May. Many replant acres were both observed and reported. Two separate damaging wind events caused lodging mid-season. Scott said, "We shelled corn from 0 to 200 bpa. Won't end up averaging over 90. The weather really stunk this year." Both tests statistical analysis showed high overall variance among all hybrids, but very significant differences between hybrids with low variation among replicate plots of the same hybrid, including the check product. Because of wind damage, location results will not be included in the regional summary.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	<b>223.3</b>	13.8	1	26.5	1116	1
NuTech	74B6AM ↗	AM	114	<b>222.8</b>	14.1	2	27.0	1114	2
Pioneer	P1870AM GC ↗	AM	118	<b>218.1</b>	14.7	1	25.8	1090	3
<b>Burrus</b>	<b>POWER PLUS 6J92AM ↗</b>	<b>AM</b>	<b>113</b>	<b>216.9</b>	<b>14.2</b>	<b>2</b>	<b>26.5</b>	<b>1084</b>	<b>4</b>
NK Brand	NK1661-3120A EZR ↗	3120A	116	<b>209.2</b>	14.7	1	27.5	1046	6
NuTech	74A9AM ↗	AM	114	<b>206.4</b>	13.9	1	27.5	1032	7
Dyna-Gro	D54VC34 ↗	VT2P	114	<b>198.6</b>	14.6	1	27.3	993	8
Golden Harvest	G16Q82-3120A EZR ↗	3120A	116	<b>197.5</b>	14.3	1	26.8	988	9
NuTech	77A5AM ↗	AM	117	<b>193.9</b>	14.7	1	27.0	969	10
NK Brand	NK1523-3220 EZR ↗	3220	115	<b>191.2</b>	14.4	1	27.3	956	11
Golden Harvest	G17E95-3110 ↗	3110	117	<b>190.5</b>	14.8	1	26.8	952	12
NuTech	74F3AM ↗	AM	114	<b>188.3</b>	14.5	2	27.0	942	13
Golden Harvest	G15J91-3220 EZR ↗	3220	115	<b>187.2</b>	14.4	1	27.3	936	14
<b>Burrus</b>	<b>7K64 DGVT2P ↗</b>	<b>VT2PDG</b>	<b>115</b>	<b>175.6</b>	<b>14.5</b>	<b>2</b>	<b>27.3</b>	<b>878</b>	<b>15</b>
Lewis	13DT272 ↗	TRE	113	<b>171.1</b>	14.4	4	25.8	856	16
Lewis	17DP651 ↗	VT2P	117	<b>157.6</b>	15.4	1	27.3	786	17
AgriGold	A647-35-5222 GC ↗	5222	117	148.3	15.7	7	26.0	737	18
Midland Genetics	752TRE RIB ↗	TRE	115	141.2	14.8	18	26.3	706	19
FS InVision	FS 6606T RIB ↗	TRE	116	140.8	15.4	11	27.3	702	20
Golden Harvest	G13P84-3120 EZR ↗	3120	113	105.5	14.1	28	26.8	528	21
Midland Genetics	621PR RIB ↗	VT2P	114	90.9	14.3	24	26.3	454	22
FS InVision	FS 6818V RIB ↗	VT2P	118	87.2	15.2	24	26.8	435	23
Midland Genetics	801PR RIB ↗	VT2P	117	84.3	14.3	35	27.0	421	24
Midland Genetics	782PR RIB ↗	VT2P	115	83.4	14.6	28	26.8	417	25
NK Brand	NK1321-3120 EZR ↗	3120	113	77.7	14.1	32	26.8	388	26
Golden Harvest	G13D55-3220 EZR ↗	3220	113	70.3	14.0	29	27.3	352	27
Great Heart	HT-7302VT2P ↗	VT2P	113	61.0	14.2	19	27.3	305	28
Dyna-Gro	D55VC80 ↗	VT2P	115	59.5	14.8	43	27.5	298	29
Lewis	15DT512 ↗	TRE	115	54.2	15.3	41	25.8	270	30
FS InVision	FS 6595V RIB ↗	VT2P	115	48.3	14.3	36	26.8	242	31
Pioneer	P1380AM CK	AM	113	215.0	13.6	1	26.0	1075	5
				<b>Averages =</b>	<b>133.0</b>	<b>14.5</b>	<b>19</b>	<b>26.8</b>	<b>665</b>
				<b>LSD (0.10) =</b>	21.3	0.4	14		
				<b>LSD (0.25) =</b>	11.2	0.2	7		
william.schelp@firstseedtests.com, (573) 819-7968				<b>C.V. =</b>	17.6				Historic yield: 200.38 bu/a, 3 yr(s)

**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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