

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

2021 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] SWEET SPRINGS, MO

Bruce Strobel, Johnson County, MO 64020

Early-Season Test	107 - 112 Day CRM B2021MOCE01a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Roundup Powermax, Xtendimax, Select
SOIL DESCRIPTION:	Haig silt loam, moderately drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.8 pH, 3.7% OM, 16.5 CEC
PEST MANAGEMENT:	Atrazine, Mustang Max, Stalwart 3 W, Autumn Super, Force 6.5g
FERTILITY - Applied N:	205 Spring
Applied N-P-K (units):	205-48-67
SEEDED - RATE - ROW:	Jun 4 30.4 /A 30" spacing
HARVESTED - STAND:	Oct 10 28.9 /A

TEST COMMENTS:

This was a ridge-top location in a no-till field. There was quick emergence with plenty of heat and moisture in June. However, mid-July through mid-August brought very little rain – well below 1 in. - with average mid-pollination for this trial being the last few days of July. Within a couple of weeks of harvest, a severe wind event came through this site. Bruce mentioned it tipped over one of his empty gravity wagons and caused substantial damage to his shed; there was some hybrid-specific lodging at harvest. Yet it is a testament to the resiliency of hybrids today – even with the dry pollination period and late-season wind – many hybrids held their own.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Augusta	A1259-5222 ↗	5222	109	171.6	17.5	5	29.0	843	2
Pioneer	P1108Q GC ↗	QR	111	170.4	17.1	14	28.8	840	4
Golden Harvest	G10L16-3220A EZR ↗	3220A	110	170.0	16.0	8	29.0	844	1
FS InVision	FS 6107T RIB ↗	TRE	111	169.0	15.5	7	29.0	842	3
Burrus	POWER PLUS 5L44AM ↗	AM	110	168.0	16.5	3	28.5	831	6
Dyna-Gro	D51VC67 ↗	VT2P	110	166.8	15.5	18	29.0	831	7
Lewis	09DD740 ↗	VT2PDG	109	166.7	15.1	25	29.0	833	5
Midland Genetics	381VLGA EZ1 ↗	3220A	108	166.3	16.0	4	29.3	826	8
Midland Genetics	660PR DG RIB ↗	VT2PDG	113	165.2	16.8	3	29.5	816	12
Burrus	POWER PLUS 4C14AM ↗	AM	108	165.0	16.1	1	28.8	819	9
FS InVision	FS 6017V RIB ↗	VT2P	110	164.2	15.8	10	28.8	817	10
Lewis	10DP719 ↗	VT2P	110	164.0	15.4	11	28.8	817	11
NuTech	70A8AM ↗	AM	110	162.8	16.8	3	29.0	804	14
NK Brand	NK1082-3220A EZR ↗	3220A	110	161.9	15.7	3	29.0	806	13
Midland Genetics	582TRE RIB ↗	TRE	111	161.2	16.6	26	29.3	797	17
NuTech	68B3AML ↗	AML	108	161.0	16.0	5	28.8	799	15
NuTech	68A7AM ↗	AM	108	161.0	16.2	3	29.5	798	16
FS InVision	FS 5909D2A EZR ↗	5222A	109	160.4	17.2	3	28.8	790	19
FS InVision	FS 5815V RIB ↗	VT2P	108	159.6	15.8	6	29.3	793	18
Lewis	08DP739 ↗	VT2P	108	158.9	15.8	24	28.8	790	20
NK Brand	NK1188-3120 EZR ↗	3120	111	158.3	16.6	6	29.0	782	22
NuTech	72D4AM ↗	AM	112	157.8	16.0	6	28.8	783	21
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	156.9	16.4	4	28.0	777	23
NuTech	72B7Q ↗	QR	112	156.2	17.1	3	29.0	770	24
Golden Harvest	G10D21-3330 EZR ↗	3330	110	155.2	16.8	14	29.3	766	25
Pioneer	P0995AM GC ↗	AM	109	153.6	16.2	8	29.5	762	27
Lewis	12DT302 ↗	TRE	112	152.1	15.9	8	28.5	756	28
Midland Genetics	570PR RIB ↗	VT2P	112	151.2	17.1	21	29.3	745	29
Lewis	11DT912 ↗	TRE	111	149.3	16.1	7	29.0	740	30
FS InVision	FS 6106X RIB ↗	STX	111	148.8	15.7	5	29.0	740	31
Pioneer	P1380AM CK	AM	113	154.0	16.2	3	28.5	764	26
				Averages =	158.7	16.2	9	28.9	787
				LSD (0.10) =	10.1	0.5	10		
				LSD (0.25) =	5.3	0.3	5		
				C.V. =	7.0				
								Historic yield: 228.96 bu/a, 3 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: 10/14/2021

† 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] SWEET SPRINGS, MO

Bruce Strobel, Johnson County, MO 64020

Full-Season Test	113 - 118 Day CRM B2021MOCE01b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Roundup Powermax, Xtendimax, Select
SOIL DESCRIPTION:	Haig silt loam, moderately drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.8 pH, 3.7% OM, 16.5 CEC
PEST MANAGEMENT:	Atrazine, Mustang Max, Stalwart 3 W, Autumn Super, Force 6.5g
FERTILITY - Applied N:	205 Spring
Applied N-P-K (units):	205-48-67
SEEDED - RATE - ROW:	Jun 4 30.4 /A 30" spacing
HARVESTED - STAND:	Oct 10 28.8 /A

TEST COMMENTS:

This was a ridge-top location in a no-till field. There was quick emergence with plenty of heat and moisture in June. However, mid-July through mid-August brought very little rain – well below 1 in. - with average mid-pollination for this trial being the last few days of July. Within a couple of weeks of harvest, a severe wind event came through this site. Bruce mentioned it tipped over one of his empty gravity wagons and caused substantial damage to his shed; there was some hybrid-specific lodging at harvest. Yet it is a testament to the resiliency of hybrids today – even with the dry pollination period and late-season wind – many hybrids held their own.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	17DP651 ↗	VT2P	117	181.7	20.3	1	29.3	875	1
Burrus	POWER PLUS 6J92AM ↗	AM	113	170.4	17.3	7	29.3	838	2
NuTech	74B6AM ↗	AM	114	168.5	17.2	2	28.8	829	3
Lewis	16DP850 ↗	VT2P	116	167.5	18.8	2	29.0	815	4
NuTech	77A5AM ↗	AM	117	165.7	18.2	2	29.0	810	5
NuTech	74A9AM ↗	AM	114	164.2	17.0	4	28.5	810	6
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	161.6	18.7	1	28.8	787	8
Dyna-Gro	D55VC80 ↗	VT2P	115	160.1	18.8	5	28.5	779	10
Lewis	13DT272 ↗	TRE	113	160.0	17.0	12	29.0	789	7
FS InVision	FS 6595V RIB ↗	VT2P	115	159.7	18.5	6	28.5	779	11
Midland Genetics	782PR RIB ↗	VT2P	115	159.5	17.3	5	29.0	784	9
Great Heart	HT-7302VT2P ↗	VT2P	113	158.5	18.0	15	28.3	776	12
AgriGold	A647-35-5222 GC ↗	5222	117	156.1	21.9	3	28.8	743	15
Burrus	7K64 DGVT2P ↗	VT2PDG	115	153.0	17.6	5	29.3	751	13
Midland Genetics	621PR RIB ↗	VT2P	114	151.5	18.9	4	28.3	736	19
FS InVision	FS 6306T RIB ↗	TRE	113	151.4	16.5	6	29.3	749	14
NK Brand	NK1661-3120A EZR ↗	3120A	116	150.2	17.6	5	29.0	737	18
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	149.8	17.0	6	29.0	738	17
FS InVision	FS 6606T RIB ↗	TRE	116	148.9	17.3	16	29.0	733	20
Lewis	15DT512 ↗	TRE	115	148.6	17.4	11	28.8	731	22
NuTech	74F3AM ↗	AM	114	148.6	16.9	12	29.0	733	21
Golden Harvest	G15J91-3220 EZR ↗	3220	115	148.4	18.9	13	29.3	722	26
NK Brand	NK1321-3120 EZR ↗	3120	113	148.2	17.3	5	29.0	729	23
Golden Harvest	G13P84-3120 EZR ↗	3120	113	147.7	18.1	3	29.0	723	25
Golden Harvest	G13D55-3220 EZR ↗	3220	113	147.4	18.2	2	28.5	720	27
Midland Genetics	662TRE RIB ↗	TRE	113	146.6	16.2	5	29.0	727	24
Lewis	15DP899 ↗	VT2P	115	146.3	18.9	3	29.0	711	28
FS InVision	FS 6818V RIB ↗	VT2P	118	145.1	19.1	33	28.8	705	30
Midland Genetics	752TRE RIB ↗	TRE	115	144.0	17.6	3	28.8	707	29
NK Brand	NK1523-3220 EZR ↗	3220	115	142.7	18.2	5	28.3	697	31
Pioneer	P1380AM CK	AM	113	149.9	16.3	4	28.8	742	16
				Averages =	152.4	18.0	7	28.8	746
				LSD (0.10) =	11.2	0.7	8		
				LSD (0.25) =	5.9	0.4	4		
				C.V. =	8.1				
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