

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

2021 Corn Grain Top 30 Harvest Report

Missouri North [MONO] TRENTON, MO
Carl Woodard, Grundy County, MO

Early-Season Test	107 - 112 Day CRM B2021MONO02a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Glyphosate, 2-4,D, Zidua Pro, Interline, Select
SOIL DESCRIPTION:	Grundy silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Strip-Till, medium P, medium K, 6.6 pH, 2.9% OM, 16.3 CEC
PEST MANAGEMENT:	Glyphosate, Verdict, Callisto, Dual, Capture, Force 6.5g
FERTILITY - Applied N:	90 Spring, 90 Sidedress, 8 ton feedlot manure Fall 2020
Applied N-P-K (units):	180-12-0
SEEDED - RATE - ROW:	Apr 27 28.4 /A 30" spacing
HARVESTED - STAND:	Sep 21 26.7 /A

TEST COMMENTS:

Soil conditions were ideal for planting on April 27. Good stands followed even with 13 days of measurable precipitation during the 2 week period of May 15-28. Above average rainfall in June and July helped with pollination. This was a good trial. No disease pressure observed at harvest. It was a uniform site and very representative of the sometimes-tough growing conditions of North-Central Missouri.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Midland Genetics	582TRE RIB ↗	TRE	111	210.0	20.6	1	27.2	1009	2	
Lewis	09DD740 ↗	VT2PDG	109	204.4	15.9	1	26.4	1015	1	
Taylor	EXP C-111-22 VT2P ↗	VT2P	111	201.7	16.8	1	27.2	996	3	
Midland Genetics	570PR RIB ↗	VT2P	112	201.2	21.5	1	27.0	960	10	
NuTech	68A7AM ↗	AM	108	200.9	17.5	1	27.4	987	5	
Taylor	EXP C-112-22 VT2P ↗	VT2P	112	200.4	17.9	1	27.2	981	6	
Green Valley	GV8102VT2PRIB ↗	VT2P	111	199.1	20.1	1	26.7	960	11	
Renk	RK826VT2P ↗	VT2P	111	199.0	17.1	1	26.8	981	7	
FS InVision	FS 6017V RIB ↗	VT2P	110	198.5	15.4	1	25.9	990	4	
Lewis	12DT302 ↗	TRE	112	196.1	19.4	1	27.4	950	12	
NuTech	70A8AM ↗	AM	110	194.5	18.6	1	26.7	948	13	
Integra	5802 VT2PRIB ↗	VT2P	108	194.2	16.3	1	26.7	962	9	
Green Valley	GV8212VT2PRIB ↗	VT2P	112	194.1	21.1	1	27.2	929	16	
Integra	6162 VT2PRIB ↗	VT2P	111	192.8	17.3	1	26.0	948	14	
Lewis	11DT912 ↗	TRE	111	192.7	14.9	1	26.8	964	8	
Integra	6061 TRERIB ↗	TRE	110	191.1	21.2	1	26.8	914	19	
Taylor	6011 VT2P ↗	VT2P	111	190.1	21.8	1	26.3	905	21	
Wyffels	W7536DG ↗	VT2PDG	112	190.0	20.0	1	26.9	917	18	
Dyna-Gro	D50VC09 ↗	VT2P	110	188.9	15.8	1	26.7	939	15	
Taylor	8013 VT2PDGRIB ↗	VT2PDG	112	188.0	19.4	1	25.8	911	20	
Lewis	10DP719 ↗	VT2P	110	186.9	16.1	1	26.8	927	17	
NuTech	68B3AML ↗	AML	108	185.0	18.1	1	27.1	905	22	
Burrus	POWER PLUS 5L44AM ↗	AM	110	184.0	18.4	1	26.4	898	26	
Midland Genetics	411PR RIB ↗	VT2P	110	183.9	20.2	1	26.8	886	27	
Lewis	08DP739 ↗	VT2P	108	183.6	17.8	1	26.2	900	25	
Midland Genetics	381VLGA EZ1 ↗	3220A	108	182.8	20.1	1	26.7	882	28	
Integra	5719 VT2PRIB ↗	VT2P	107	182.5	16.8	2	27.0	901	24	
Golden Harvest	G12S75-5122 EZR ↗	5122	112	181.7	20.2	1	26.6	875	30	
Wyffels	W7416 ↗	VT2P	112	180.5	19.0	1	26.9	877	29	
Burrus	POWER PLUS 4C14AM ↗	AM	108	178.7	18.4	1	27.1	873	31	
DeKalb	DKC62-89RIB CK	TRE	112	185.7	19.1	1	25.7	902	23	
				Averages =	184.9	18.9	1	26.7	900	
				LSD (0.10) =	14.5	1.0	ns			
				LSD (0.25) =	7.6	0.5	ns			
				C.V. =	8.6					
										Historic yield: new site

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

Report Date: 09/27/2021

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

2021 Corn Grain Top 30 Harvest Report

Missouri North [MONO] TRENTON, MO
Carl Woodard, Grundy County, MO

Full-Season Test	113 - 116 Day CRM B2021MONO02b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Glyphosate, 2-4,D, Zidua Pro, Interline, Select
SOIL DESCRIPTION:	Grundy silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Strip-Till, medium P, medium K, 6.6 pH, 2.9% OM, 16.3 CEC
PEST MANAGEMENT:	Glyphosate, Verdict, Callisto, Dual, Capture, Force 6.5g
FERTILITY - Applied N:	90 Spring, 90 Sidedress, 8 ton feedlot manure Fall 2020
Applied N-P-K (units):	180-12-0
SEDED - RATE - ROW:	Apr 27 28.4 /A 30" spacing
HARVESTED - STAND:	Sep 21 26.8 /A

TEST COMMENTS:

Soil conditions were ideal for planting on April 27. Good stands followed even with 13 days of measurable precipitation during the 2 week period of May 15-28. Above average rainfall in June and July helped with pollination. This was a good trial. No disease pressure observed at harvest. It was a uniform site and very representative of the sometimes-tough growing conditions of North-Central Missouri.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	16DP850 ↗	VT2P	116	210.9	22.8	1	27.0	997	2
Integra	6410 VT2PRIB ↗	VT2P	114	210.1	20.7	1	26.8	1009	1
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	205.9	22.8	1	26.7	974	7
Wyffels	W7876RIB ↗	VT2P	114	204.0	20.4	1	26.8	982	5
Midland Genetics	662TRE RIB ↗	TRE	113	203.3	18.0	1	26.3	996	3
Burrus	POWER PLUS 6J92AM ↗	AM	113	203.1	20.2	1	26.5	978	6
Lewis	17DP651 ↗	VT2P	117	202.6	26.2	1	26.8	933	22
Lewis	15DP899 ↗	VT2P	115	202.3	22.6	1	27.1	958	11
Dyna-Gro	D54VC34 ↗	VT2P	114	202.2	21.6	1	26.5	964	9
FS InVision	FS 6306T RIB ↗	TRE	113	201.7	17.5	1	27.1	991	4
Hoegemeyer	8447AM GC ↗	AM	114	200.4	20.6	1	26.9	962	10
NuTech	74A9AM ↗	AM	114	198.7	18.8	1	26.5	967	8
Taylor	EXP C-114-22 VT2P ↗	VT2P	114	197.3	20.8	1	27.2	946	14
Lewis	13DT272 ↗	TRE	113	197.1	19.8	1	26.2	953	12
Renk	RK915VT2P ↗	VT2P	115	196.9	21.9	1	26.7	937	19
Renk	RK907SSTX ↗	STX	115	196.7	20.0	1	27.0	949	13
Lewis	15DT512 ↗	TRE	115	196.6	21.3	1	26.5	939	15
Integra	6641 VT2PRIB ↗	VT2P	116	196.4	23.6	1	27.0	923	25
Taylor	8824 VT2PRIB ↗	VT2P	113	196.2	21.1	1	27.6	939	16
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	194.6	20.0	1	26.4	939	17
NuTech	74B6AM ↗	AM	114	194.6	20.0	1	26.2	939	18
Midland Genetics	782PR RIB ↗	VT2P	115	194.0	22.7	1	26.8	918	27
Wyffels	W7956RIB ↗	VT2P	114	193.9	21.5	1	27.1	926	24
Pioneer	P1380AM GC ↗	AM	113	192.8	20.0	1	26.6	930	23
Integra	6342 TRERIB ↗	TRE	113	192.1	18.7	1	27.1	936	21
Midland Genetics	660PR DG RIB ↗	VT2PDG	113	190.7	20.0	1	26.9	920	26
NK Brand	NK1349-3220 EZR ↗	3220	113	190.4	20.7	1	27.0	914	28
NuTech	74F3AM ↗	AM	114	189.7	21.4	1	27.0	906	31
Golden Harvest	G13D55-3220 EZR ↗	3220	113	189.2	20.5	1	26.3	909	30
Green Valley	GV8392VT2PRIB ↗	VT2P	113	188.0	18.9	1	26.6	914	29
DeKalb	DKC62-89RIB CK	TRE	112	192.6	18.9	1	26.7	937	20
				Averages =	193.1	21.5	1	26.8	921
				LSD (0.10) =	11.8	0.8	ns		
				LSD (0.25) =	6.2	0.4	ns		
William Schelp				C.V. =	6.7				
william.schelp@firstseedtests.com, (573) 819-7968									Historic yield: new site

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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