

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

2021 Corn Grain Top 30 Harvest Report

Missouri North [MONO] ST. JOSEPH, MO
Jeff Gaskill, Buchanan County, MO 64098

Early-Season Test	107 - 112 Day CRM B2021MONO01a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Authority Elite, Roundup
SOIL DESCRIPTION:	Waldron silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, very high K, 7.8 pH, 2.3% OM, 25.9 CEC
PEST MANAGEMENT:	Fulltime Nxt, Armezon, Atrazine, Force 6.5g
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-40-60
SEEDED - RATE - ROW:	May 5 32.4 /A 30" spacing
HARVESTED - STAND:	Sep 24 32.0 /A

TEST COMMENTS:

Planted into a good seedbed. Great emergence followed. The trial pollinated in mid-July, smack dab in the middle of 3.7" precipitation deficit compared to July averages here. Plant height and stalk quality differences were noted in small pockets during harvest. The water table is high in this location, close to the Missouri River. There were slight soil differences that may have caused some variability in these droughty conditions.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Taylor	8013 VT2PDGRIB ↗	VT2PDG	112	255.5	16.2	1	32.0	1266	1	
FS InVision	FS 6217X RIB ↗	STX	112	255.0	16.8	1	31.3	1259	2	
Midland Genetics	582TRE RIB ↗	TRE	111	254.2	17.0	1	32.0	1253	4	
Midland Genetics	570PR RIB ↗	VT2P	112	253.5	16.5	1	32.3	1253	5	
Integra	6162 VT2PRIB ↗	VT2P	111	252.8	15.7	1	32.0	1258	3	
Burrus	POWER PLUS 4C14AM ↗	AM	108	249.0	15.3	1	31.8	1242	6	
Green Valley	GV8212VT2PRIB ↗	VT2P	112	247.2	16.5	1	31.8	1223	9	
NuTech	68A7AM ↗	AM	108	246.9	15.3	1	32.0	1232	8	
FS InVision	FS 6107T RIB ↗	TRE	111	246.7	14.5	1	32.3	1234	7	
NuTech	72D4AM ↗	AM	112	243.2	16.0	1	32.8	1207	11	
NuTech	70A8AM ↗	AM	110	242.7	16.0	1	32.0	1205	12	
Wyffels	W7536DG ↗	VT2PDG	112	242.2	16.5	1	31.5	1199	13	
FS InVision	FS 6017V RIB ↗	VT2P	110	242.0	14.7	1	32.5	1210	10	
Lewis	12DT302 ↗	TRE	112	240.7	15.6	1	32.3	1199	14	
NK Brand	NK1188-3120 EZR ↗	3120	111	238.0	16.6	1	32.0	1177	16	
Integra	5802 VT2PRIB ↗	VT2P	108	237.0	14.6	1	32.5	1185	15	
Golden Harvest	G11V76-5122 EZR ↗	5122	111	233.7	15.9	1	32.7	1161	17	
Augusta	A1259-5222 ↗	5222	109	232.8	15.8	1	31.5	1157	18	
Taylor	9907 VT2P ↗	VT2P	107	231.4	14.9	1	32.0	1157	19	
Lewis	09DD740 ↗	VT2PDG	109	230.8	14.6	1	32.0	1154	20	
Taylor	EXP C-112-22 VT2P ↗	VT2P	112	230.2	15.2	1	32.3	1149	22	
Lewis	10DP719 ↗	VT2P	110	228.1	14.8	1	31.8	1140	23	
Renk	RK826VT2P ↗	VT2P	111	227.6	15.3	1	31.5	1136	24	
Green Valley	GV8102VT2PRIB ↗	VT2P	111	226.8	15.7	1	31.3	1128	26	
Burrus	POWER PLUS 5L44AM ↗	AM	110	226.6	15.5	1	31.8	1129	25	
Renk	RK821SSTX ↗	STX	111	225.1	15.2	1	32.0	1124	27	
Golden Harvest	G10D21-3330 EZR ↗	3330	110	224.4	15.9	1	31.8	1114	29	
Lewis	11DT912 ↗	TRE	111	223.3	14.7	1	31.5	1116	28	
FS InVision	FS 6106X RIB ↗	STX	111	221.8	14.6	1	32.5	1109	30	
NuTech	68B3AML ↗	AML	108	221.8	15.3	1	32.3	1106	31	
DeKalb	DKC62-89RIB CK	TRE	112	232.0	16.0	1	32.0	1152	21	
				Averages =	228.7	15.5	1	32.0	1139	
				LSD (0.10) =	15.6	0.6	ns			
				LSD (0.25) =	8.2	0.3	ns			
				C.V. =	7.5					
								Historic yield: 208.32 bu/a, 3 yr(s)		

William Schelp

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: 10/07/2021

† 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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Missouri North [MONO] ST. JOSEPH, MO
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Full-Season Test 113 - 116 Day CRM
B2021MONO01b

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybean / Authority Elite,
Roundup

SOIL DESCRIPTION: Waldron silty clay loam,
moderately drained, non-
irrigated

SOIL CONDITION: Conventional W/O Fall Till, high
P, very high K, 7.8 pH, 2.3%
OM, 25.9 CEC

PEST MANAGEMENT: Fulltime Nxt, Armezon, Atrazine,
Force 6.5g

FERTILITY - Applied N: 200 Spring

Applied N-P-K (units): 200-40-60

SEEDED - RATE - ROW: May 5 32.4 /A 30" spacing

HARVESTED - STAND: Sep 24 31.9 /A

TEST COMMENTS:

Planted into a good seedbed. Great emergence followed. The trial pollinated in mid-July, smack dab in the middle of 3.7" precipitation deficit compared to July averages here. Plant height and stalk quality differences were noted in small pockets during harvest. The water table is high in this location, close to the Missouri River. There were slight soil differences that may have caused some variability in these droughty conditions.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	EXP C-114-22 VT2P ↗	VT2P	114	243.5	14.8	1	32.3	1217	1
NuTech	77A5AM ↗	AM	117	240.8	17.5	1	31.3	1183	3
FS InVision	FS 6406X RIB ↗	STX	114	237.4	15.1	1	31.8	1186	2
Taylor	8824 VT2PRIB ↗	VT2P	113	236.0	15.3	1	31.8	1178	4
Lewis	15DP899 ↗	VT2P	115	234.3	16.0	1	32.3	1163	5
Integra	6695 TRERIB ↗	TRE	116	231.9	16.8	1	32.0	1144	9
Integra	6410 VT2PRIB ↗	VT2P	114	231.4	16.1	1	32.0	1148	7
Wyffels	W7956RIB ↗	VT2P	114	231.4	15.7	1	31.0	1151	6
Burrus	POWER PLUS 6J92AM ↗	AM	113	230.1	15.4	1	32.3	1147	8
Renk	RK915VT2P ↗	VT2P	115	229.2	15.5	1	31.3	1142	10
Renk	RK907SSTX ↗	STX	115	227.0	15.6	1	32.3	1131	11
Dyna-Gro	D54VC34 ↗	VT2P	114	226.1	15.7	2	32.3	1125	12
Lewis	15DT512 ↗	TRE	115	224.0	15.2	5	32.0	1119	13
FS InVision	FS 6606T RIB ↗	TRE	116	223.3	16.3	3	31.8	1106	14
Midland Genetics	782PR RIB ↗	VT2P	115	223.3	16.5	1	31.5	1105	15
Midland Genetics	621PR RIB ↗	VT2P	114	222.4	15.9	1	31.8	1105	16
Hoegemeyer	8447AM GC ↗	AM	114	222.0	15.8	1	31.8	1104	17
NuTech	74A9AM ↗	AM	114	219.0	14.9	1	31.5	1095	18
Lewis	16DP850 ↗	VT2P	116	219.0	15.5	2	32.0	1091	20
Golden Harvest	G13D55-3220 EZR ↗	3220	113	218.9	15.1	1	31.5	1094	19
NK Brand	NK1661-3120A EZR ↗	3120A	116	217.4	16.9	1	30.5	1072	24
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	216.7	16.2	1	32.0	1075	22
FS InVision	FS 6595V RIB ↗	VT2P	115	216.5	16.2	1	31.3	1074	23
Integra	6641 VT2PRIB ↗	VT2P	116	216.5	16.9	2	32.5	1068	25
Integra	6342 TRERIB ↗	TRE	113	216.3	14.7	1	32.0	1082	21
Golden Harvest	G15J91-3220 EZR ↗	3220	115	215.3	16.4	1	31.8	1066	26
Burrus	7K64 DGVT2P ↗	VT2PDG	115	215.0	16.4	1	32.0	1064	28
Wyffels	W8936DGRIB ↗	VT2PDG	117	214.3	16.2	1	31.0	1062	30
Taylor	9915 VT2P ↗	VT2P	115	214.2	15.8	3	32.0	1065	27
Lewis	13DT272 ↗	TRE	113	212.7	14.7	2	32.3	1064	29
DeKalb	DKC62-89RIB CK	TRE	112	209.4	14.7	1	31.5	1047	36
				Averages =	217.3	15.7	1	31.9	1078
				LSD (0.10) =	15.0	1.0	ns		
				LSD (0.25) =	7.9	0.5	ns		
william.schelp@firstseedtests.com, (573) 819-7968				C.V. =	7.6	Historic yield: 208.32 bu/a, 3 yr(s)			

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