

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

2020 Corn Grain Top 30 Harvest Report

Missouri North [MONO] NOVELTY, MO

Brett & Kaley Wilkerson, Knox County, MO 63460

Early-Season Test	107 - 112 Day CRM B2020MONO04a
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Roundup, 2-4d, Authority Mtz, Parallel Pcs, Enlist, Warrant
SOIL DESCRIPTION:	Putman silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, high K, 6.1 pH, 2.5% OM, 14.5 CEC
PEST MANAGEMENT:	Parallel Plus, Mesotrione, Azoxypop Xtra, Force 3g
FERTILITY - Applied N:	130 Spring, 110 Sidedress
Applied N-P-K (units):	240-150-120
SEEDED - RATE - ROW:	May 3 30.4 /A 30" spacing
HARVESTED - STAND:	Oct 9 29.2 /A

TEST COMMENTS:

The planting window here was short-lived. The trial was planted within a couple days of the surrounding field. Sulfur, boron, and copper were applied with sidedress at v5. Plant health was exceptional at mid-summer. The test seemed to gain momentum as the season progressed. No significant foliar disease. This was a top-notch trial with exceptional yields to boot.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
LEWIS	10DP719	VT2P,B	110	292.3	22.1	1	29.2	950	2	
MIDLAND GENETICS	429PR RIB	VT2P,B	110	289.8	22.0	1	29.8	944	3	
RENK	RK842VT2P	VT2P,B	112	288.2	22.6	1	29.4	932	8	
MIDLAND GENETICS	570PR RIB	VT2P,B	112	287.4	22.9	1	29.4	926	12	
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	286.6	21.8	1	29.0	935	5	
NUTECH	70A8AM	AM,B	110	286.3	20.1	1	28.8	951	1	
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	285.8	21.9	1	28.8	931	9	
GREEN VALLEY	8282	VT2P,B	112	284.6	21.6	1	28.8	930	10	
FS INVISION	FS 6194V RIB	VT2P,B	111	284.0	21.0	1	29.2	934	7	
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	283.4	20.6	1	29.3	936	4	
BURRUS	POWER PLUS 4F71AM	AM,B	109	283.1	20.7	1	29.3	935	6	
GREEN VALLEY	8102	VT2P,B	111	282.1	22.8	1	28.4	911	16	
HOEGEMEYER	8268Q GC	QR,B	112	281.4	20.7	1	29.2	929	11	
DEKALB	DKC62-53RIB GC	VT2P,B	112	281.0	21.3	1	29.7	922	13	
NK BRAND	NK1205-3120-EZR	3120,B	112	280.7	21.2	1	29.3	922	14	
DURACROP	3135	VT2P	112	280.7	22.0	1	29.3	914	15	
MIDLAND GENETICS	XP110-1PR	VT2P,B	110	277.4	21.9	1	28.8	904	18	
BURRUS	POWER PLUS 6Z43AM	AM,B	112	277.4	21.7	1	28.8	906	17	
LEWIS	09DD740	VT2PDG,B	109	276.9	21.8	1	29.6	903	19	
RENK	RK882SSTX	STX	111	275.5	22.9	1	29.5	888	27	
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	274.7	23.6	1	29.0	879	31	
HOEGEMEYER	8233AM GC	AM,AQ,B	112	274.0	22.3	1	28.9	889	26	
NK BRAND	NK0821-3120A-EZR	3120A,B	108	273.7	21.9	1	28.9	892	24	
PIONEER	P1197AM GC	AM,B	111	273.4	21.8	1	29.8	892	25	
MIDLAND GENETICS	430PR RIB	VT2P,B	110	272.5	21.8	1	29.0	888	28	
NUTECH	68A7AM	AM,B	107	272.0	20.3	1	29.3	902	20	
LEWIS	08DP739	VT2P,B	108	272.0	22.6	1	28.9	880	30	
NK BRAND	NK1082-3330A-EZR	3330A,B	110	271.9	21.0	1	29.6	895	22	
FS INVISION	FS 6107T RIB	TRE,B	111	271.2	20.2	1	29.2	899	21	
NUTECH	68B3VYHR	OL,B	108	269.7	20.2	1	29.2	895	23	
PIONEER	P1138AM CK	AM	111	259.0	20.2	1	29.6	860	39	
				Averages =	273.9	21.5	1	29.2	897	
				LSD (0.10) =	8.3	0.7	ns			
				LSD (0.25) =	4.4	0.4	ns			
				C.V. =	3.3			Historic yield: 236.5 bu/a, 2 yr(s)		

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$3.50; non-GMO = \$3.50

Report Date: 10/12/2020

† 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

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Missouri North [MONO] NOVELTY, MO
Brett & Kaley Wilkerson, Knox County, MO 63460

Full-Season Test 113 - 116 Day CRM
B2020MONO04b

Top 30 of 44 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybean / Roundup, 2-4d,
Authority Mtz, Parallel Pcs,
Enlist, Warrant

SOIL DESCRIPTION: Putman silt loam, moderately
drained, non-irrigated

SOIL CONDITION: Minimum W/O Fall Till, very high
P, high K, 6.1 pH, 2.5% OM,
14.5 CEC

PEST MANAGEMENT: Parallel Plus, Mesotrione,
Azoxypop Xtra, Force 3g

FERTILITY - Applied N: 130 Spring, 110 Sidedress

Applied N-P-K (units): 240-150-120

SEEDED - RATE - ROW: May 3 30.4 /A 30" spacing

HARVESTED - STAND: Oct 9 29.1 /A

TEST COMMENTS:

The planting window here was short-lived. The trial was planted within a couple days of the surrounding field. Sulfur, boron, and copper were applied with sidedress at v5. Plant health was exceptional at mid-summer. The test seemed to gain momentum as the season progressed. No significant foliar disease. This was a top-notch trial with exceptional yields to boot.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LEWIS	15DP899	VT2P,B	115	293.5	24.1	1	29.0	934	2
NUTECH	74B6AM	AM,B	114	288.7	23.0	1	29.1	930	3
MIDLAND GENETICS	801PR RIB	VT2P,B	117	288.2	23.6	1	29.0	922	4
LEWIS	16DP850	VT2P,B	116	287.2	24.1	1	29.6	913	7
FS INVISION	FS 6306T RIB	TRE,B	113	287.1	21.7	1	29.5	938	1
DYNA-GRO	D54VC34	VT2P	114	287.0	24.2	1	29.4	912	8
LEWIS	16DP887	VT2P,B	116	286.6	24.6	1	29.7	907	9
FS INVISION	FS 6595V RIB	VT2P,B	115	286.1	25.6	1	29.1	895	16
MIDLAND GENETICS	721PR RIB	VT2P,B	115	284.9	22.6	1	29.2	922	5
LEWIS	14DD849	VT2PDG,B	114	281.5	23.5	1	29.5	902	11
DEKALB	DKC65-95RIB GC	VT2P,B	115	281.5	23.9	1	27.7	897	13
GREEN VALLEY	8392	VT2P,B	113	281.2	21.8	1	29.2	917	6
MIDLAND GENETICS	660PR DG RIB	VT2PDG,B	113	280.6	23.7	1	29.7	896	14
WYFFELS	W7876RIB	VT2P,B	114	280.1	24.5	1	28.6	887	19
FS INVISION	FS 6606T RIB	TRE,B	116	279.9	28.0	1	29.1	853	36
NK BRAND	NK1239-5122-EZR	5122,B	112	279.8	23.9	1	29.7	892	17
PIONEER	P1464AML GC	AM	114	278.1	23.0	1	29.3	896	15
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	277.9	24.1	1	29.3	885	21
GREEN VALLEY	8472	VT2P,B	114	277.6	23.3	1	29.4	891	18
WYFFELS	W8936DGRIB	VT2PDG,B	117	277.3	24.2	1	29.6	882	22
WYFFELS	W7956RIB	VT2P,B	114	276.7	24.9	1	29.1	873	27
RENK	RK945DGVT2P	VT2PDG,B	115	276.4	24.5	1	29.2	876	25
RENK	RK937VT2P	VT2P,B	113	275.9	21.4	1	29.7	904	10
PIONEER	P1380AM GC	AM	113	275.7	24.0	1	29.4	878	24
NUTECH	75G1AM	AM,B	115	275.6	24.6	1	29.0	872	28
NUTECH	E74C1AM	AM,B	114	275.5	25.2	1	28.3	866	32
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	275.5	24.4	1	29.6	874	26
NUTECH	E74D3AM	AM,B	114	275.5	23.0	1	29.4	887	20
DURACROP	3148	3000GT	114	274.8	24.4	1	28.5	872	29
DYNA-GRO	D53VC33	VT2P	113	274.2	21.3	1	29.2	899	12
PIONEER	P1138AM CK	AM	111	257.1	21.6	1	29.5	841	39

Averages = **274.8** **23.9** **1** **29.1** **876**

LSD (0.10) = 7.5 1.0 ns

LSD (0.25) = 3.9 0.5 ns

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C.V. = 3.0

Historic yield: 236.5 bu/a, 2 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$3.50; non-GMO = \$3.50

2020 Corn - Missouri North [MONO]

Early-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1259	3330,B	109	AVC,C5
BURRUS	6G34 VT2P	VT2P,B	112	BPS
BURRUS	POWER PLUS 4F71AM	AM,B	109	BPS
BURRUS	POWER PLUS 6Z43AM	AM,B	112	BPS
DEKALB	DKC62-53RIB GC	VT2P,B	112	NA
DURACROP	3135	VT2P	112	CM,C2,Vi
FS INVISION	FS 5704V RIB	VT2P,B	107	AC,P5V
FS INVISION	FS 5892V RIB	VT2P,B	108	AC,P5V
FS INVISION	FS 6107T RIB	TRE,B	111	AC,P5V
FS INVISION	FS 6194V RIB	VT2P,B	111	AC,P5V
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	AC,P2
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	AVC,C5,Vi
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	AVC,C5,Vi
GOLDEN HARVEST	G12U17-3120-EZR	3120,B	112	AVC,C5,Vi
GREEN VALLEY	8102	VT2P,B	111	AC250
GREEN VALLEY	8282	VT2P,B	112	AC250
HOEGEMEYER	7955AML GC	AML,B	109	Lum,P5V
HOEGEMEYER	8233AM GC	AM,AQ,B	112	Lum,P1V
HOEGEMEYER	8268Q GC	QR,B	112	Lum,P1V
LEWIS	07DT081	TRE,B	107	NA
LEWIS	08DP739	VT2P,B	108	NA
LEWIS	09DD740	VT2PDG,B	109	NA
LEWIS	10DP719	VT2P,B	110	NA
LEWIS	12DT371	TRE,B	112	NA
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	CM,C2,Vi
MIDLAND GENETICS	429PR RIB	VT2P,B	110	AC
MIDLAND GENETICS	430PR RIB	VT2P,B	110	AC
MIDLAND GENETICS	570PR RIB	VT2P,B	112	AC
MIDLAND GENETICS	XP110-1PR	VT2P,B	110	AC
NK BRAND	NK0821-3120A-EZR	3120A,B	108	AVC,C5,Vi
NK BRAND	NK1082-3330A-EZR	3330A,B	110	AVC,C5,Vi
NK BRAND	NK1205-3120-EZR	3120,B	112	AVC,C5,Vi
NUTECH	5FB-8808AM	AM,B	108	P1V,RN
NUTECH	68A7AM	AM,B	107	P1V,RN
NUTECH	68B3VYHR	OL,B	108	P1V,RN
NUTECH	70A8AM	AM,B	110	P1V,RN

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
NUTECH	72B7CYFR	QR	112	P1V,RN
PIONEER	P0977AM GC	AM,B	109	NA
PIONEER	P1077AM GC	AM,AQ,B	110	NA
PIONEER	P1138AM CK	AM	111	NA
PIONEER	P1197AM GC	AM,B	111	NA
RENK	RK842VT2P	VT2P,B	112	AC,P2
RENK	RK866DGVT2P	VT2PDG	112	AC,P2
RENK	RK882SSTX	STX	111	AC,P5V

2020 Corn - Missouri North [MONO]

Full-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
DEKALB	DKC65-95RIB GC	VT2P,B	115	NA
DURACROP	3142	PC,E	114	AC,P5
DURACROP	3148	3000GT	114	CM,C2,Vi
DURACROP	3150	VT2P	115	CM,C2,Vi
DYNA-GRO	D53VC33	VT2P	113	AC,P5V,EDC-B
DYNA-GRO	D54VC34	VT2P	114	AC,P5V,EDC-B
FS INVISION	FS 6306T RIB	TRE,B	113	AC,P5V
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	AC,P5V
FS INVISION	FS 6406X RIB	STX,B	114	AC,P5V
FS INVISION	FS 6595V RIB	VT2P,B	115	AC,P5V
FS INVISION	FS 6606T RIB	TRE,B	116	AC,P5V
GOLDEN HARVEST	G13T41-3120-EZR	3120,B	113	AVC,C5,Vi
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	AVC,C5,Vi
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	AVC,C5,Vi
GREEN VALLEY	8392	VT2P,B	113	AC250
GREEN VALLEY	8472	VT2P,B	114	AC250
HOEGEMEYER	8490AM GC	AM,AQ,B	114	Lum,P5V
LEWIS	14DD849	VT2PDG,B	114	NA
LEWIS	15DP899	VT2P,B	115	NA
LEWIS	15DT890	TRE,B	115	NA
LEWIS	16DP850	VT2P,B	116	NA
LEWIS	16DP887	VT2P,B	116	NA
MIDLAND GENETICS	656PR RIB	VT2P,B	113	AC
MIDLAND GENETICS	660PR DG RIB	VT2PDG,B	113	AC
MIDLAND GENETICS	721PR RIB	VT2P,B	115	AC
MIDLAND GENETICS	770PR DG RIB	VT2PDG,B	115	AC
MIDLAND GENETICS	801PR RIB	VT2P,B	117	AC
NK BRAND	NK1239-5122-EZR	5122,B	112	AVC,C5,Vi
NK BRAND	NK1523-3220-EZR	3220,B	115	AVC,C5,Vi
NUTECH	5FB-2213AM	AM,B	113	P1V,RN
NUTECH	74B6AM	AM,B	114	P1V,RN
NUTECH	75G1AM	AM,B	115	P1V,RN
NUTECH	E74C1AM	AM,B	114	P1V,RN
NUTECH	E74D3AM	AM,B	114	P1V,RN
PIONEER	P1138AM CK	AM	111	NA
PIONEER	P1380AM GC	AM	113	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
PIONEER	P1464AML GC	AM	114	NA
RENK	RK937VT2P	VT2P,B	113	AC,P2
RENK	RK945DGV2P	VT2PDG,B	115	AC,P2
RENK	RK965VT2P	VT2P,B	116	AC,P2
WYFFELS	W7726RIB	VT2P,B	113	AC250
WYFFELS	W7876RIB	VT2P,B	114	AC250
WYFFELS	W7956RIB	VT2P,B	114	AC250
WYFFELS	W8936DGRIB	VT2PDG,B	117	AC250

Footnotes and Abbreviations Descriptions

Brand Footnotes

^ Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT Agrisure® 3000GT
 3120 Agrisure® 3120 (CB,HX,LL,GT)
 3120A Agrisure® Artesian® 3120 (CB,HX,LL,GT)
 3220 Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
 3220A Agrisure® Artesian® Viptera® 3220
 (Vip,CB,HX,LL,GT)
 3330 Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
 3330A Agrisure® Artesian® Viptera® 3330 (Vip,CB,LL,GT)
 5122 Agrisure® Duracade™ 5122
 5222 Agrisure® Duracade™ 5222
 5222A Agrisure® Duracade™ Artesian® 5222
 AM Optimum® AcreMax®
 AML Optimum® AcreMax® Leptra®
 (Vip,YGCB,HX,LL,RR2)
 AQ Optimum® AQUAmax®
 B Blend, Refuge in a Bag (RIB) or EZ-Refuge
 E Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
 OL Optimum® Leptra®
 PC PowerCore™
 QR Qrome™
 STX SmartStax®
 TRE Genuity® Trecepta™
 VT2P Genuity® VT Double PRO®
 VT2PDG Genuity® VT Double PRO® DroughtGard®

*The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

NA	Not Available
AC	Accelaron®, unspecified
AC250	Accelaron 250
AC,P2	Accelaron, Poncho 250
AC,P5	Accelaron, Poncho 500
AC,P5V	Accelaron, Poncho 500/Votivo
AC,P5V,EDC-B	Accelaron, Basic Poncho 500/Votivo with Enhanced Disease Control
AVC,C5	Avicta Complete 500
AVC,C5,Vi	Avicta Complete 500, Vibrance
BPS	Burrus PowerShield
CM,C2,Vi	CruiserMaxx 250 with Vibrance
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
P1V,RN	Poncho 1250/Votivo, Rancona®

** Seed treatments may include unspecified plant health promoting components.