

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

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C.V. = 3.3

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

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	Acceleron®, unspecified
AC250	Acceleron 250
AC,P2	Acceleron, Poncho 250
AC,P5	Acceleron, Poncho 500
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, 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.