

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

## 2020 Corn Grain Top 30 Harvest Report

Missouri North [MONO] GREENTOP, MO  
Terry Sevits, Schuyler County, MO 63546

<b>Early-Season Test</b>	107 - 112 Day CRM B2020MONO03a
<b>Top 30 of 44</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Sonic, Zidua, Glyphosate
<b>SOIL DESCRIPTION:</b>	Edina-Seymour silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, low P, medium K, 5.4 pH, 2.4% OM, 16.4 CEC
<b>PEST MANAGEMENT:</b>	Brawl 2, Roundup, Force 3g
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-50-100
<b>SEEDED - RATE - ROW:</b>	Apr 23 30.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 13 29.0 /A

### TEST COMMENTS:

The trial went in timely, planted into great soil conditions at the same time as the surrounding field. Stands were nice and even. It was a favorable growing season overall with a couple of hot and dry periods, not uncommon in Missouri. Stalk quality was excellent at harvest. Kernel depth was noticeably shallow, while most ears still filled out to the tip. Nice, representative, upland North Missouri trial.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HOEGEMEYER	8268Q GC	QR,B	112	<b>228.2</b>	16.2	1	28.6	789	1
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	<b>224.7</b>	15.6	1	28.8	782	2
PIONEER	P0977AM GC	AM,B	109	<b>222.6</b>	15.5	1	29.1	776	3
RENK	RK842VT2P	VT2P,B	112	<b>222.2</b>	15.5	1	29.2	774	4
NUTECH	72B7CYFR	QR	112	<b>221.9</b>	16.0	1	28.8	769	6
LEWIS	10DP719	VT2P,B	110	<b>221.2</b>	15.5	1	28.5	770	5
MIDLAND GENETICS	430PR RIB	VT2P,B	110	220.0	15.3	1	29.4	767	7
NK BRAND	NK1082-3330A-EZR	3330A,B	110	217.9	15.2	1	28.6	761	8
PIONEER	P1197AM GC	AM,B	111	217.7	15.5	1	29.4	759	9
DEKALB	DKC62-53RIB GC	VT2P,B	112	216.6	15.5	3	28.9	754	11
NUTECH	68A7AM	AM,B	107	216.0	15.0	1	29.2	756	10
AUGUSTA	1259	3330,B	109	214.8	14.6	2	29.0	752	12
RENK	RK866DGVT2P	VT2PDG	112	214.1	15.2	1	28.8	748	13
MIDLAND GENETICS	429PR RIB	VT2P,B	110	211.7	15.6	3	29.5	737	16
NUTECH	5FB-8808AM	AM,B	108	211.3	14.8	10	29.4	740	15
PIONEER	P1077AM GC	AM,AQ,B	110	209.8	15.3	1	28.2	732	18
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	209.6	15.6	1	29.0	730	19
FS INVISION	FS 6194V RIB	VT2P,B	111	209.3	14.9	2	29.2	733	17
RENK	RK882SSTX	STX	111	208.4	16.2	1	29.2	721	25
NK BRAND	NK0821-3120A-EZR	3120A,B	108	208.1	14.5	2	29.1	728	20
LEWIS	09DD740	VT2PDG,B	109	207.9	15.0	2	28.9	727	21
MIDLAND GENETICS	XP110-1PR	VT2P,B	110	207.6	15.3	1	28.7	724	22
HOEGEMEYER	8233AM GC	AM,AQ,B	112	207.5	16.5	1	29.3	715	26
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	207.1	15.2	2	29.0	723	23
FS INVISION	FS 5892V RIB	VT2P,B	108	206.7	15.0	1	28.1	723	24
DURACROP	3135	VT2P	112	205.6	15.6	2	28.0	715	27
NK BRAND	NK1205-3120-EZR	3120,B	112	204.4	15.5	1	30.3	712	28
BURRUS	POWER PLUS 4F71AM	AM,B	109	202.3	15.1	1	28.9	707	29
BURRUS	POWER PLUS 6Z43AM	AM,B	112	201.6	15.5	1	28.3	702	30
NUTECH	70A8AM	AM,B	110	201.3	15.4	10	29.9	702	31
PIONEER	P1138AM CK	AM	111	213.9	15.3	2	29.3	746	14

	Averages =	<b>204.8</b>	<b>15.4</b>	<b>3</b>	<b>29.0</b>	<b>711</b>
	LSD (0.10) =	15.7	0.3	5		
	LSD (0.25) =	8.2	0.2	2		
	C.V. =	8.4				
william.schelp@firstseedtests.com, (573) 819-7968					Historic yield: 180.2 bu/a, 8 yr(s)	

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

Report Date: 10/17/2020

† 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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<b>Full-Season Test</b>	113 - 116 Day CRM B2020MONO03b
<b>Top 30 of 44</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Sonic, Zidua, Glyphosate
<b>SOIL DESCRIPTION:</b>	Edina-Seymour silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, low P, medium K, 5.4 pH, 2.4% OM, 16.4 CEC
<b>PEST MANAGEMENT:</b>	Brawl 2, Roundup, Force 3g
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-50-100
<b>SEEDED - RATE - ROW:</b>	Apr 23 30.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 13 29.1 /A

### TEST COMMENTS:

The trial went in timely, planted into great soil conditions at the same time as the surrounding field. Stands were nice and even. It was a favorable growing season overall with a couple of hot and dry periods, not uncommon in Missouri. Stalk quality was excellent at harvest. Kernel depth was noticeably shallow, while most ears still filled out to the tip. Nice, representative, upland North Missouri trial.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LEWIS	16DP850	VT2P,B	116	<b>254.9</b>	16.7	1	30.3	877	1
DURACROP	3148	3000GT	114	<b>250.4</b>	17.2	1	29.0	857	3
DEKALB	DKC65-95RIB GC	VT2P,B	115	<b>250.1</b>	16.7	1	29.0	860	2
DYNA-GRO	D54VC34	VT2P	114	<b>248.6</b>	17.1	1	28.4	852	6
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	247.9	16.7	1	29.3	853	5
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	247.6	16.7	1	29.3	852	7
PIONEER	P1380AM GC	AM	113	245.7	15.3	1	28.9	857	4
LEWIS	14DD849	VT2PDG,B	114	244.3	16.5	1	29.6	842	9
WYFFELS	W7956RIB	VT2P,B	114	244.1	17.0	1	28.9	837	13
NK BRAND	NK1239-5122-EZR	5122,B	112	243.8	15.8	1	28.9	846	8
NUTECH	74B6AM	AM,B	114	243.1	16.1	1	28.9	842	10
MIDLAND GENETICS	801PR RIB	VT2P,B	117	242.8	16.5	1	29.5	837	14
DURACROP	3142	PC,E	114	242.7	17.8	1	29.0	825	22
RENK	RK965VT2P	VT2P,B	116	241.7	17.3	1	29.2	826	20
WYFFELS	W7876RIB	VT2P,B	114	241.5	15.7	1	29.6	840	12
NUTECH	5FB-2213AM	AM,B	113	241.2	15.9	1	29.1	836	15
FS INVISION	FS 6406X RIB	STX,B	114	241.2	16.7	1	29.3	830	17
LEWIS	15DP899	VT2P,B	115	241.0	16.2	1	28.5	834	16
GREEN VALLEY	8392	VT2P,B	113	240.6	15.1	2	28.7	842	11
WYFFELS	W8936DGRIB	VT2PDG,B	117	240.6	16.7	1	29.2	828	19
FS INVISION	FS 6595V RIB	VT2P,B	115	239.8	16.6	1	28.4	826	21
NUTECH	E74C1AM	AM,B	114	239.7	16.2	1	29.2	829	18
HOEGEMEYER	8490AM GC	AM,AQ,B	114	237.9	16.2	1	28.7	823	23
PIONEER	P1464AML GC	AM	114	237.7	16.3	1	29.5	821	24
NUTECH	E74D3AM	AM,B	114	236.7	15.9	1	28.9	821	25
LEWIS	16DP887	VT2P,B	116	236.7	17.4	1	29.3	809	27
NK BRAND	NK1523-3220-EZR	3220,B	115	235.1	16.8	1	28.8	808	29
RENK	RK945DGVT2P	VT2PDG,B	115	234.8	17.2	1	29.7	803	31
FS INVISION	FS 6606T RIB	TRE,B	116	234.6	16.9	1	29.4	805	30
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	232.6	15.6	1	29.2	809	28
PIONEER	P1138AM CK	AM	111	234.8	15.6	1	29.1	817	26

	Averages =	<b>237.9</b>	<b>16.4</b>	<b>1</b>	<b>29.1</b>	<b>821</b>
	LSD (0.10) =	10.7	0.5	ns		
	LSD (0.25) =	5.6	0.2	ns		
william.schelp@firstseedtests.com, (573) 819-7968	C.V. =	4.9				Historic yield: 180.2 bu/a, 8 yr(s)

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

Report Date: 10/17/2020

† 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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## 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

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^ 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\*

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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\*\*

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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®

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