

2020 Corn Grain Top 30 Performance Summary for Missouri North [MONO]

Early-Season Test

107 - 112 Day CRM

B2020MONOa

Top 30 of 44

For Gross Income (Sorted by Yield), (19) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Greentop	Maryville *	Novelty	Palmyra	St. Joseph
HOEGEMEYER	8268Q GC	QR,B	112	253.3	20.6	2	835	1	203.4	270.1	281.4	254.2	257.2
LEWIS	10DP719	VT2P,B	110	249.7	20.4	2	824	2	197.2	263.0	292.3	247.2	248.9
MIDLAND GENETICS	XP110-1PR	VT2P,B	110	245.0	20.2	2	810	4	185.1	275.1	277.4	229.2	258.1
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	244.7	20.7	3	805	5	200.3	264.1	286.6	223.8	248.8
NUTECH	70A8AM	AM,B	110	244.1	19.5	6	813	3	179.4	273.3	286.3	219.3	262.1
PIONEER	P1197AM GC	AM,B	111	243.0	20.6	1	800	7	194.0	264.6	273.4	245.1	238.1
RENK	RK842VT2P	VT2P,B	112	242.4	21.1	5	793	14	198.0	260.9	288.2	210.0	254.6
DEKALB	DKC62-53RIB GC	VT2P,B	112	241.9	20.3	2	799	10	193.0	269.9	281.0	219.5	246.0
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	241.6	19.9	2	802	6	184.6	267.9	283.4	224.5	247.7
AUGUSTA	1259	3330,B	109	241.2	20.5	4	795	12	191.4	263.1	268.8	235.1	247.8
RENK	RK882SSTX	STX	111	241.1	21.8	1	782	21	185.7	268.9	275.5	221.5	254.0
LEWIS	12DT371	TRE,B	112	240.6	21.5	1	784	20	179.5	259.3	265.5	243.6	255.0
GREEN VALLEY	8102	VT2P,B	111	240.3	20.5	4	791	17	167.6	267.0	282.1	227.1	257.9
MIDLAND GENETICS	570PR RIB	VT2P,B	112	240.1	21.6	2	781	22	172.6	265.4	287.4	223.5	251.5
NUTECH	68A7AM	AM,B	107	239.7	19.3	3	800	8	192.5	273.5	272.0	208.2	252.3
NUTECH	72B7CYFR	QR	112	239.4	20.8	2	788	18	197.8	267.3	254.3	237.2	240.7
FS INVISION	FS 6194V RIB	VT2P,B	111	239.2	19.2	2	799	9	186.5	263.6	284.0	229.3	232.8
BURRUS	POWER PLUS 6Z43AM	AM,B	112	239.1	20.7	2	786	19	179.6	259.3	277.4	234.0	245.3
LEWIS	09DD740	VT2PDG,B	109	239.0	19.7	2	794	13	185.3	263.8	276.9	222.6	246.6
NK BRAND	NK1082-3330A-EZR	3330A,B	110	239.0	20.0	2	792	15	194.2	257.2	271.9	221.0	250.5
BURRUS	POWER PLUS 4F71AM	AM,B	109	238.5	19.8	1	791	16	180.3	262.8	283.1	224.2	242.3
PIONEER	P0977AM GC	AM,B	109	238.4	19.5	2	795	11	198.4	248.6	264.7	244.2	236.1
HOEGEMEYER	8233AM GC	AM,AQ,B	112	237.6	20.8	5	781	23	185.0	261.7	274.0	222.8	244.6
MIDLAND GENETICS	430PR RIB	VT2P,B	110	236.0	20.3	1	780	24	196.1	253.9	272.5	213.1	244.3
MIDLAND GENETICS	429PR RIB	VT2P,B	110	235.5	20.8	5	773	29	188.7	257.6	289.8	198.8	242.8
GREEN VALLEY	8282	VT2P,B	112	235.0	20.5	4	773	28	174.3	260.8	284.6	209.8	245.7
RENK	RK866DGV2P	VT2PDG	112	234.3	19.9	4	776	26	190.8	267.6	269.6	189.9	253.7
PIONEER	P1077AM GC	AM,AQ,B	110	233.7	20.0	2	774	27	187.0	258.0	265.9	211.9	245.8
FS INVISION	FS 6107T RIB	TRE,B	111	232.9	19.1	3	778	25	174.3	264.1	271.2	207.5	247.2
NK BRAND	NK0821-3120A-EZR	3120A,B	108	231.7	19.6	4	770	30	185.5	256.1	273.7	212.9	230.4
PIONEER	P1138AM CK	AM	111	227.3	19.3	6	759	36	190.6	255.9	259.0	203.5	

William Schelp

Averages =	235.7	20.2	3	779		182.5	259.4	273.9	219.3	243.9
LSD (0.10) =	9.1	0.6	ns			14.0	10.1	8.3	14.9	8.4
LSD (0.25) =	4.8	0.3	ns			7.3	5.3	4.4	7.8	4.4

william.schelp@firstseedtests.com, (573) 819-7968

Prev. years average yield for region: 207.8 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.50; non-GMO = \$3.50

† 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. *There were 3 reps for the site.

2020 Corn Grain Top 30 Performance Summary for Missouri North [MONO]



Full-Season Test

113 - 116 Day CRM

B2020MONOb

Top 30 of 44

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Greentop	Maryville	Novelty	Palmyra	St. Joseph
NUTECH	74B6AM	AM,B	114	255.4	21.4	1	834	1	216.7	278.7	288.7	241.9	251.1
LEWIS	14DD849	VT2PDG,B	114	254.0	22.9	1	816	2	217.7	269.6	281.5	238.6	262.5
LEWIS	15DP899	VT2P,B	115	253.7	22.8	1	816	3	214.8	278.3	293.5	224.8	257.1
DYNA-GRO	D54VC34	VT2P	114	252.4	23.0	1	811	5	221.5	267.2	287.0	224.1	262.2
FS INVISION	FS 6595V RIB	VT2P,B	115	251.8	24.3	1	797	12	213.8	264.0	286.1	236.3	258.8
MIDLAND GENETICS	801PR RIB	VT2P,B	117	250.2	22.5	1	808	6	216.4	264.6	288.2	245.6	236.2
WYFFELS	W7876RIB	VT2P,B	114	248.1	22.2	1	802	8	215.3	265.3	280.1	221.8	258.0
DEKALB	DKC65-95RIB GC	VT2P,B	115	248.1	23.1	1	796	13	222.9	248.3	281.5	228.9	259.0
NUTECH	E74C1AM	AM,B	114	247.7	22.4	1	800	10	213.6	268.3	275.5	226.4	254.6
MIDLAND GENETICS	660PR DG RIB	VT2PDG,B	113	247.5	21.7	2	804	7	204.7	272.1	280.6	225.3	254.7
WYFFELS	W8936DGRIB	VT2PDG,B	117	247.4	22.8	1	797	11	214.4	253.9	277.3	237.7	254.0
FS INVISION	FS 6306T RIB	TRE,B	113	246.3	20.5	1	812	4	201.0	274.5	287.1	220.1	248.9
WYFFELS	W7956RIB	VT2P,B	114	245.2	23.4	1	784	24	217.6	258.0	276.7	227.6	246.2
NUTECH	5FB-2213AM	AM,B	113	244.9	21.4	1	800	9	215.0	255.5	272.8	239.4	241.8
NK BRAND	NK1239-5122-EZR	5122,B	112	244.4	22.4	1	790	19	217.3	265.0	279.8	226.9	233.0
RENK	RK965VT2P	VT2P,B	116	244.3	23.4	1	782	25	215.4	260.3	273.7	226.2	245.8
GREEN VALLEY	8472	VT2P,B	114	244.1	22.4	1	789	20	205.6	258.7	277.6	226.1	252.5
LEWIS	16DP887	VT2P,B	116	243.4	23.1	5	781	26	211.0	252.2	286.6	224.2	243.0
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	243.3	21.9	1	790	18	207.3	255.8	277.9	225.5	250.0
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	242.9	22.3	1	786	22	220.7	257.9	275.5	223.4	237.0
PIONEER	P1380AM GC	AM	113	242.5	21.6	2	791	16	219.0	241.8	275.7	231.6	244.1
NUTECH	E74D3AM	AM,B	114	242.3	21.0	3	795	14	210.9	269.1	275.5	212.5	243.5
PIONEER	P1464AML GC	AM	114	242.1	22.2	1	784	23	211.9	253.1	278.1	216.5	251.1
MIDLAND GENETICS	721PR RIB	VT2P,B	115	241.9	21.8	1	787	21	204.9	252.3	284.9	229.7	237.7
FS INVISION	FS 6406X RIB	STX,B	114	241.4	22.9	2	777	30	215.0	258.1	270.5	212.6	251.0
GREEN VALLEY	8392	VT2P,B	113	241.2	20.7	1	794	15	214.4	257.2	281.2	210.8	242.6
DURACROP	3148	3000GT	114	241.0	22.4	1	779	27	223.1	255.4	274.8	215.5	236.2
RENK	RK945DGV2P	VT2PDG,B	115	240.3	22.3	1	777	29	209.2	251.8	276.4	222.6	241.6
RENK	RK937VT2P	VT2P,B	113	239.3	20.3	1	791	17	203.5	259.8	275.9	225.9	231.3
DYNA-GRO	D53VC33	VT2P	113	235.8	20.4	2	779	28	199.8	248.0	274.2	214.2	242.8
PIONEER	P1138AM CK	AM	111	233.1	20.3	2	771	34	209.3	246.5	257.1	219.4	

William Schelp

Averages =	242.5	22.4	2	784	212.0	257.2	274.8	223.5	245.1
LSD (0.10) =	6.3	0.7	2		9.6	11.3	7.5	12.0	9.3
LSD (0.25) =	3.3	0.4	1		5.0	5.9	3.9	6.3	4.9

william.schelp@firstseedtests.com, (573) 819-7968

Prev. years average yield for region: 207.8 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.50; non-GMO = \$3.50

† 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.

2020 Corn Grain - 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	RK866DGV2P	VT2PDG	112	AC,P2
RENK	RK882SSTX	STX	111	AC,P5V

2020 Corn Grain - 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 Grain 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 Grain 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.