

2019 Corn Grain Top 30 Performance Summary for Missouri North [MONO]

Early-Season Test

107 - 112 Day CRM

B2019MONOa

Top 30 of 42

For Gross Income (Sorted by Yield), (6) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Cairo No Results	Greentop	Novelty No Results	Palmyra No Results	St. Joseph	Trenton REJECTED
LEWIS	08DP739	VT2P,B	108	207.7	15.8	1	722	1		204.5			211.0	174.0
NUTECH	5FB-1111AM	AM,B	111	204.3	16.2	2	707	4		196.5			212.1	174.1
LG SEEDS	LG62C35VT2	VT2P	112	204.1	16.0	3	707	2		195.5			212.7	166.5
FS INVISION	FS 6194V RIB	VT2P,B	111	202.9	15.7	2	706	5		213.0			192.8	173.7
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	202.8	15.4	3	707	3		196.8			208.8	209.9
GREEN VALLEY	GV8282VT2PRORIB	VT2P,B	112	201.6	16.1	1	698	7		205.2			198.0	169.4
LEWIS	10DP719	VT2P,B	110	201.4	15.8	2	700	6		201.6			201.2	191.0
CHAMPION	61A19VT2PRORIB	VT2P,B	111	199.7	16.0	2	692	8		201.7			197.6	171.0
FEDERAL	6280VT2PRIB	VT2P,B	112	198.9	16.3	3	688	10		192.8			205.0	171.8
LEWIS	09DP720	VT2P,B	109	198.2	15.4	1	691	9		190.7			205.6	171.5
CHAMPION	62A18VT2PRORIB	VT2P,B	112	196.1	16.3	2	678	12		196.9			195.3	171.4
LEWIS	09DD740	VT2P,DG,B	109	195.8	15.6	3	681	11		193.5			198.2	171.5
GREEN VALLEY	GV8102VT2PRORIB	VT2P,B	111	195.1	16.2	1	675	14		205.9			184.3	171.7
DYNA-GRO	D51VC67	VT2P	110	194.8	15.7	3	677	13		193.6			196.0	171.6
DYNA-GRO	D52VC63	VT2P	112	194.2	16.0	4	673	16		194.6			193.8	171.1
DEKALB	DKC62-53RIB GC	VT2P,B	112	194.0	16.2	1	671	19		180.8			207.3	171.8
PIONEER	P1197AM GC	AM,B	111	193.9	15.6	1	675	15		183.9			203.8	212.2
NK BRAND	NK0821-3120A	3120,A,B	108	193.8	15.9	1	672	17		178.7			208.9	171.9
DYNA-GRO	D52VC15	VT2P	111	193.7	15.9	2	672	18		187.1			200.2	171.3
CHAMPION	60A20 VT2 PRO	VT2P,B	110	193.5	16.3	2	669	22		194.5			192.5	171.0
NUTECH	68B3AML	OL,B	108	193.1	15.9	2	670	20		185.6			200.5	171.5
LEWIS	12DP779	VT2P,B	112	192.8	15.7	3	670	21		192.6			193.0	212.1
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	190.1	16.2	4	658	24		192.4			187.7	171.6
FS INVISION	FS 60UV1 RIB	VT2P,B	110	189.7	15.9	2	658	23		185.7			193.6	117.3
GOLDEN HARVEST	G12U17-3010	3010	112	189.5	16.0	1	657	25		171.3			207.7	175.5
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	189.0	16.3	1	653	28		191.7			186.3	192.4
DEKALB	DKC60-88RIB GC	VT2P,B	110	188.5	15.8	1	655	27		174.8			202.2	121.4
NK BRAND	NK1205-3120-EZR	3120,B	112	188.2	16.0	3	652	30		184.6			191.7	169.3
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	188.0	15.5	5	655	26		186.6			189.3	132.9
FS INVISION	FS 59VL1 EZR	3220,B	109	187.9	15.8	1	653	29		191.4			184.4	186.1
PIONEER	P1366AM CK	AM,B	113	187.3	15.9	1	649	32		184.0			190.5	165.9
				Averages =	191.8	15.9	2	665		188.3			195.2	164.2
				LSD (0.10) =	9.0	0.2	ns			7.9			12.4	37.9
				LSD (0.25) =	4.7	0.1	ns			4.1			6.5	19.9

William Schelp

William Schelp

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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 2 reps for the site.

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2019 Corn Grain Top 30 Performance Summary for Missouri North [MONO]

Full-Season Test

113 - 116 Day CRM

B2019MONOb

Top 30 of 42

For Gross Income (Sorted by Yield), (6) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Cairo No Results	Greentop	Novelty No Results	Palmyra No Results	St. Joseph	Trenton REJECTED
LEWIS	15DP899	VT2P,B	115	215.2	16.7	1	740	1		220.9			209.5	209.3
LEWIS	16DP850	VT2P,B	116	209.2	17.0	1	718	2		213.0			205.4	199.3
LEWIS	14DD849	VT2P,DG,B	114	205.9	16.5	1	710	3		213.8			198.0	219.1
RENK	9-115SSTX	STX	115	205.3	16.6	1	707	4		214.1			196.6	186.1
LG SEEDS	LG5643VT2RIB	VT2P,B	113	204.9	16.6	2	706	5		202.1			207.6	191.2
CHAMPION	64A20 VT2 PRO	VT2P,B	114	204.7	16.8	2	704	7		213.7			195.7	167.6
WYFFELS	W7878	STX	114	204.6	16.6	1	705	6		210.6			198.6	224.3
FEDERAL	6500TRE	TRE	115	204.4	16.9	1	702	9		201.5			207.3	212.2
RENK	RK965VT2P	VT2P,B	116	203.7	16.5	2	703	8		200.1			207.3	197.7
LEWIS	16DP887	VT2P,B	116	203.6	17.7	3	694	13		208.5			198.7	212.6
FS INVISION	FS 6595V RIB	VT2P,B	115	203.1	16.8	1	698	10		205.3			200.9	212.0
GREEN VALLEY	GV8472VT2PRORIB	VT2P,B	114	201.4	17.2	1	690	16		207.7			195.2	212.0
RENK	RK937VT2P	VT2P,B	113	201.2	16.4	1	695	11		212.8			189.6	197.7
WYFFELS	W7696RIB	VT2P,B	113	201.1	16.4	1	694	12		213.0			189.2	212.3
RENK	RK945DGV2P	VT2P,DG,B	115	200.4	16.6	1	691	14		211.1			189.7	197.3
FEDERAL	6680VT2PRIB	VT2P,B	116	200.3	17.2	1	686	18		201.6			199.1	197.2
NK BRAND	NK1573-3330-EZR	3330,B	115	199.9	16.3	4	691	15		197.9			201.9	197.5
FS INVISION	FS 64SV1 RIB	VT2P,B	114	199.4	16.2	3	690	17		214.6			184.1	197.3
WYFFELS	W8646RIB	VT2P,B	116	198.6	16.9	1	682	19		204.8			192.3	197.3
NUTECH	75D2AM	AM,B	115	197.2	16.5	2	680	20		205.9			188.4	197.9
NUTECH	75G1AM	AM,B	115	195.3	17.0	2	670	23		195.5			195.1	197.3
GREEN VALLEY	GV8392VT2PRORIB	VT2P,B	113	195.2	16.2	2	675	21		199.6			190.8	197.3
NUTECH	5FB-6313AM	AM,B	113	195.1	16.4	1	673	22		200.1			190.0	197.3
FS INVISION	FS 66ZV1 RIB	VT2P,B	116	194.6	17.2	1	666	26		197.5			191.7	195.1
FEDERAL	6580VT2PRIB	VT2P,B	115	194.2	16.8	1	668	24		198.4			189.9	166.2
GOLDEN HARVEST	G13H15-3120-EZR	3120,B	113	193.2	16.5	2	666	27		198.5			187.8	169.9
LEWIS	R1414VT2P	VT2P,B	114	192.9	16.3	1	667	25		192.9			193.0	189.8
LG SEEDS	LG64C30TRE	TRE,B	114	192.9	16.5	1	665	28		202.5			183.2	205.2
RENK	RK961VT2P	VT2P,B	116	191.3	16.1	1	663	29		197.7			184.9	196.1
CHAMPION	63A13 VT2 PRO GC	VT2P,B	113	190.0	16.2	1	657	30		196.7			183.2	194.5
PIONEER	P1366AM CK	AM,B	113	183.9	16.1	1	637	39		184.1			183.6	199.1

Plant and replant attempts failed.

Not planted due to weather delays.

Abandoned due to ponding and poor stands.

Data rejected - Not in Summary

William Schelp

Averages =	196.2	16.6	1	676		200.8		191.6	188.9
LSD (0.10) =	10.1	0.3	ns			9.8		12.3	35.3
LSD (0.25) =	5.3	0.1	ns			5.1		6.4	18.5

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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 2 reps for the site.

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2019 Corn Grain - Missouri North [MONO]

Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RM
CHAMPION	58A18VT2PRORIB	VT2P,B	108
CHAMPION	60A20 VT2 PRO	VT2P,B	110
CHAMPION	61A19VT2PRORIB	VT2P,B	111
CHAMPION	62A18VT2PRORIB	VT2P,B	112
DEKALB	DKC60-88RIB GC	VT2P,B	110
DEKALB	DKC62-53RIB GC	VT2P,B	112
DYNA-GRO	D51VC67	VT2P	110
DYNA-GRO	D52VC15	VT2P	111
DYNA-GRO	D52VC63	VT2P	112
FEDERAL	6280VT2PRIB	VT2P,B	112
FS INVISION	FS 57ZV1 RIB	VT2P,B	107
FS INVISION	FS 59VL1 EZR	3220,B	109
FS INVISION	FS 60UV1 RIB	VT2P,B	110
FS INVISION	FS 6194V RIB	VT2P,B	111
FS INVISION	FS 62ZV1 RIB	VT2P,B	112
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110
GOLDEN HARVEST	G12U17-3010	3010	112
GREEN VALLEY	GV7992VT2PRORIB	VT2P,B	109
GREEN VALLEY	GV8102VT2PRORIB	VT2P,B	111
GREEN VALLEY	GV8282VT2PRORIB	VT2P,B	112
LEWIS	08DP739	VT2P,B	108
LEWIS	09DD740	VT2P,DG,B	109
LEWIS	09DP720	VT2P,B	109
LEWIS	10DP719	VT2P,B	110
LEWIS	12DP779	VT2P,B	112
LG SEEDS	LG62C02VT2RIB	VT2P,B	112
LG SEEDS	LG62C35VT2	VT2P	112
NK BRAND	NK0821-3120A	3120,A,B	108
NK BRAND	NK1082-3330A-EZR	3330,A,B	110
NK BRAND	NK1205-3120-EZR	3120,B	112
NUTECH	5FB-1111AM	AM,B	111
NUTECH	5FB-8808AM	AM,B	108
NUTECH	68B3AML	OL,B	108
NUTECH	69A6Q	QR,B	109
NUTECH	70B2Q	QR,B	110

Company/Brand	Brand/Product	Technology	RM
PIONEER	P1138AM GC	AM	111
PIONEER	P1197AM GC	AM,B	111
PIONEER	P1298AM GC	AM	112
PIONEER	P1366AM CK	AM,B	113
RENK	RK807SSTX	STX	111
RENK	RK842SSTX	STX,B	112

2019 Corn Grain - Missouri North [MONO]

Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RM
CHAMPION	63A13 VT2 PRO GC	VT2P,B	113
CHAMPION	64A15 DG VT2	VT2P,DG,B	114
CHAMPION	64A20 VT2 PRO	VT2P,B	114
CHAMPION	66A18VT2PRORIB	VT2P,B	116
FEDERAL	6500TRE	TRE	115
FEDERAL	6580VT2PRIB	VT2P,B	115
FEDERAL	6680VT2PRIB	VT2P,B	116
FS INVISION	FS 63ZV1 RIB	VT2P,B	113
FS INVISION	FS 64SV1 RIB	VT2P,B	114
FS INVISION	FS 64SX1 RIB	STX,B	114
FS INVISION	FS 6595V RIB	VT2P,B	115
FS INVISION	FS 66ZV1 RIB	VT2P,B	116
GOLDEN HARVEST	G13H15-3120-EZR	3120,B	113
GOLDEN HARVEST	G13T41-3120-EZR	3120,B	113
GOLDEN HARVEST	G15L32-3330-EZR	3330,B	115
GREEN VALLEY	GV8392VT2PRORIB	VT2P,B	113
GREEN VALLEY	GV8472VT2PRORIB	VT2P,B	114
LEWIS	14DD849	VT2P,DG,B	114
LEWIS	15DP899	VT2P,B	115
LEWIS	16DP850	VT2P,B	116
LEWIS	16DP887	VT2P,B	116
LEWIS	R1414VT2P	VT2P,B	114
LG SEEDS	LG5643VT2RIB	VT2P,B	113
LG SEEDS	LG5650VT2RIB	VT2P,B	115
LG SEEDS	LG64C30TRE	TRE,B	114
NK BRAND	NK1354-3220-EZR	3220,B	113
NK BRAND	NK1433-3120-EZR	3120,B	114
NK BRAND	NK1573-3330-EZR	3330,B	115
NUTECH	5FB-2213AM	AM,B	113
NUTECH	5FB-6313AM	AM,B	113
NUTECH	74J1AML	OL,B	114
NUTECH	75D2AM	AM,B	115
NUTECH	75G1AM	AM,B	115
PIONEER	P1366AM CK	AM,B	113
RENK	9-115SSTX	STX	115
RENK	RK937VT2P	VT2P,B	113

Company/Brand	Brand/Product	Technology	RM
RENK	RK945DGVT2P	VT2P,DG,B	115
RENK	RK961VT2P	VT2P,B	116
RENK	RK965VT2P	VT2P,B	116
WYFFELS	W7696RIB	VT2P,B	113
WYFFELS	W7878	STX	114
WYFFELS	W8646RIB	VT2P,B	116

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*

3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure® Artesian®	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum® AcreMax® TRIssect (HX,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure® Rootworm
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax® (VT3P,HXT,RR2,LL)
AQ	Optimum® AQUAMax®	TRE	Genuity® Trecepta™
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)		

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