

2018 Corn Grain Top 30 Performance Summary for Missouri North [MONO]



Early-Season Test

107 - 112 Day CRM

B2018MONOa

Top 30 of 48

For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Blue Ridge	Greentop		Palmyra		
				Bu/A	%	%	\$/A	Rank	Chillicothe	Novelty	St. Joseph			
Lewis	10DP719	VT2P,B	110	219.1	16.2	3	703	2		178.2	180.6	242.4	290.5	203.6
NuTech/G2 Gen	5FB-9909	AM,B	109	218.8	15.8	3	705	1		176.2	178.8	254.7	298.7	185.4
Lewis	12DP779	VT2P,B	112	216.6	16.3	5	694	3		171.6	184.3	254.1	288.3	184.8
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	112	216.1	16.2	4	693	4		167.0	192.6	245.1	285.7	189.9
Lewis	11DP768	VT2P,B	111	215.1	17.1	3	683	7		165.7	178.0	244.8	297.9	189.3
Champion	61A19VT2ProRIB	VT2P	111	214.6	16.3	2	688	5		173.0	188.9	243.1	301.8	166.1
Dyna-Gro	D52VC15	VT2P	112	214.5	16.5	3	686	6		160.1	176.7	244.3	307.5	183.7
Green Valley	GV8282VT2PRORIB	VT2P,B	112	212.3	16.4	4	680	9		164.9	179.7	236.9	306.4	173.8
Pioneer	P1197AM GC	AM,B	111	211.8	16.0	1	681	8		150.3	172.8	229.1	315.5	191.5
Lewis	10DP747	VT2P,B	110	211.8	16.8	2	675	10		156.7	189.5	250.5	271.5	190.6
Wyffels	W7456RIB	VT2P,B	112	211.7	17.2	2	672	13		160.6	180.4	228.9	278.7	209.8
Champion	62A18VT2ProRIB	VT2P,B	112	209.8	16.4	2	672	14		159.2	184.5	247.1	273.7	184.5
NK Brand	NK0962-3220A-EZR	3220,A,B	109	209.6	15.9	3	675	11		155.2	181.7	227.2	290.3	193.7
FS InVISION	FS 60UX1 RIB	STX,B	110	208.9	16.4	4	669	16		153.2	176.8	232.1	281.2	201.0
Wyffels	W7576RIB	VT2P,B	112	208.9	16.5	2	668	17		148.4	176.6	248.7	275.0	195.8
Golden Harvest	G08M20-3010	3010	108	208.6	15.7	2	673	12		154.4	190.6	225.9	272.8	199.2
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	208.2	15.8	5	671	15		149.9	171.7	235.3	288.0	196.1
Renk	RK842SSTX	STX	112	208.0	16.4	2	666	18		141.9	185.6	234.0	296.1	182.4
Golden Harvest	G11A33-3111	3111	111	207.6	16.4	1	665	19		167.4	181.6	229.1	275.9	184.2
AgriGold	A642-59STXRIB	STX,B	112	207.5	16.4	2	664	20		155.3	186.5	220.7	287.4	187.4
LG Seeds	LG62C02STX	STX	112	207.3	16.5	1	663	21		151.1	184.2	238.9	284.6	177.7
FS InVISION	FS 62ZX1 RIB	STX,B	112	206.4	16.3	2	661	22		137.5	186.0	227.2	297.8	183.6
LG Seeds	LG5606STXRIB	STX,B	111	205.6	16.3	2	659	23		133.8	184.8	225.7	274.0	209.8
AgriGold	A638-74VT2PRO	VT2P	108	204.9	16.3	1	657	24		158.7	180.3	227.5	285.3	172.5
Epley	E2001GTCBLL	3010	110	204.5	16.0	1	657	25		156.2	186.8	238.8	263.5	177.2
LG Seeds	LG59C66VT2PRO	VT2P	109	204.4	16.4	1	654	26		142.9	177.7	236.9	285.3	179.2
AgriGold	A641-78STXRIB	STX,B	111	203.4	16.0	1	654	27		139.4	187.3	239.1	276.7	174.7
Dyna-Gro	D52SS63	STX	112	202.8	16.4	1	649	30		149.2	182.9	233.7	267.6	180.5
NuTech/G2 Gen	5FN-8808	OI	108	202.5	16.0	1	651	28		136.3	182.8	231.3	276.7	185.2
ProHarvest	8277StaxRIB	STX,B	112	202.1	16.1	2	649	31		161.3	171.4	223.7	281.8	172.4
Pioneer	P1366AM CK	AM,B	113	202.9	16.4	1	649	29		132.9	177.1	229.6	276.5	198.5
Averages =				203.9	16.3	2	653			151.1	180.5	230.2	275.8	182.1
LSD (0.10) =				9.5	0.3	2				19.0	11.5	9.9	18.0	16.7
LSD (0.25) =				5.0	0.2	1				9.9	6.0	5.2	9.4	8.8

Abandoned - severely drought stressed

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Previous years average yield for region, 174.2 bu/a, 7 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices = \$3.25 GMO; \$3.25 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Report Date: 11/07/2018

Revised:

2018 Corn Grain Top 30 Performance Summary for Missouri North [MONO]



Full-Season Test

113 - 116 Day CRM

B2018MONOb

Top 30 of 48

For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Blue Ridge	Greentop		Palmyra		
				Bu/A	%	%	\$/A	Rank	Chillicothe	Novelty	St. Joseph			
Lewis	15DP899	VT2P,B	115	222.9	17.3	1	706	2		150.7	199.9	258.0	297.0	208.7
AgriGold	A6572VT2RIB	VT2P,B	114	222.4	17.0	2	707	1		166.1	187.0	258.1	298.0	203.0
Renk	RK945DGV2P	VT2P,DG	115	220.4	17.4	1	698	3		153.9	194.1	250.3	298.3	205.4
NuTech/G2 Gen	5FN-2213	OI	113	217.7	16.9	2	693	4	Abandoned - severely drought stressed	161.9	182.8	253.0	286.6	204.1
Lewis	16DP887	VT2P,B	116	213.1	17.7	1	672	6		163.8	179.6	247.0	281.0	194.2
Lewis	14DP857	VT2P,B	114	212.9	16.6	1	680	5		162.6	182.4	237.4	274.7	207.2
LG Seeds	LG5650VT2RIB	VT2P,B	115	210.7	17.1	1	669	7		159.6	190.2	236.9	283.1	183.5
Renk	RK937SSTX	STX	113	208.8	16.4	1	668	8		135.3	190.6	239.1	288.5	190.6
Lewis	R1414VT2P	VT2P,B	114	208.7	17.1	2	663	10		140.1	190.9	253.0	266.2	193.2
FS InVISION	FS 64SV1 RIB	VT2P,B	114	208.6	16.6	4	666	9		139.5	181.9	238.2	287.6	196.0
FS InVISION	FS 63ZV1 RIB	VT2P,B	113	206.1	17.2	2	654	11		159.7	171.7	240.0	266.1	192.9
FS InVISION	FS 66ZV1 RIB	VT2P,B	116	205.4	17.1	3	652	13		146.5	173.0	237.4	275.6	194.6
Great Heart	HT-7302VT2PRIB	VT2P,B	113	205.1	16.8	1	654	12		123.7	190.3	237.0	277.0	197.3
LG Seeds	LG5643VT2RIB	VT2P,B	114	204.6	17.9	1	644	17		107.5	188.7	240.5	287.1	199.2
Dyna-Gro	D55VC45	VT2P	115	204.4	17.1	1	649	14		116.9	196.1	246.5	275.1	187.4
LG Seeds	LG5663VT2RIB	VT2P,B	115	204.4	17.2	3	649	15		140.7	187.2	245.4	256.7	191.8
Green Valley	GV8452VT2PRODGRIB	VT2P,DG,B	114	203.6	17.5	1	644	18		168.7	176.7	232.6	243.7	196.1
Wyffels	W7976RIB	VT2P,B	113	203.4	17.3	1	645	16		111.0	182.6	250.2	269.3	204.0
NuTech/G2 Gen	5FB-6313	AM,B	113	203.2	17.3	1	644	19	150.5	180.4	212.8	272.3	199.8	
NK Brand	NK1573-3110	3110	115	201.9	16.7	3	644	20	132.1	184.5	223.0	270.4	199.6	
Dekalb	DKC64-35RIB GC	VT2P,B	114	201.8	17.0	1	642	21	148.4	175.9	251.6	259.9	173.2	
AgriGold	A6544VT2RIB	VT2P,B	113	201.4	17.8	2	635	23	106.2	182.4	244.9	270.9	202.8	
Renk	RK961VT2P	VT2P,B	116	201.3	17.2	2	639	22	132.7	186.6	239.8	256.6	190.7	
AgriGold	A646-12STXRIB	STX,B	116	199.8	17.3	4	633	25	145.0	194.8	233.5	244.3	181.4	
Champion	66A18VT2ProRIB	VT2P,B	116	199.5	17.5	3	631	27	128.1	167.6	246.9	269.1	186.0	
Great Heart	HT-7381VT2PRIB	VT2P,B	113	199.2	17.3	3	631	28	127.6	171.7	229.3	273.5	193.7	
Golden Harvest	G15L32-3110	3110	115	199.0	16.8	2	634	24	139.6	177.1	244.9	249.5	184.0	
Champion	CSX64A15DGV2ProRIB	VT2P,DG,B	114	198.9	17.7	1	628	29	161.8	183.8	238.2	231.2	179.3	
Champion	CSX65A17VT2ProRIB	VT2P,B	115	197.6	17.0	2	628	30	133.0	186.6	247.9	244.1	176.4	
Champion	CSX63A17DGV2ProRIB	VT2P,DG,B	113	197.2	16.2	1	633	26	135.0	174.7	228.3	270.8	177.3	
Pioneer	P1366AM CK	AM,B	113	194.6	16.4	1	623	32	137.4	177.5	219.7	237.0	201.5	
				Averages =	199.8	17.2	2	634		136.1	180.7	234.8	259.0	188.3
				LSD (0.10) =	11.2	0.6	2			23.9	14.4	11.8	20.7	15.6
				LSD (0.25) =	5.9	0.3	1			12.5	7.6	6.2	10.8	8.2

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Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks 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 (CB,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
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)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
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

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

Corn Seed Treatments**

?	information not provided	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
A	Allegiance®	Es	Escalate®	R	Raxil®
AC	Acceleron® fungicide products	HC	Hefty Complete	Sa	Sativa™
AL2500	Alert 2500	In	Intego™ Solo	Se	Sebring™
At	Actellic®	L	Lorsban®	Sn	Senator™
AVC	Avicta® Complete Corn	Lu	Lumivia™	Sp	Spirato™
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®	SC	SHIELDCoat™
CE	Cruiser Xtreme®	MQ	Maxim Quattro®	V	Votivo®
CM	CruiserMaxx® Corn	None	untreated	Vi	Vibrance®

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