

2017 Corn Grain Top 30 Harvest Report
 Missouri North [MONO] NOVELTY
 Brett & Kaley Wilkerson, Knox County, MO 63460



PREV. CROP/HERB: Soybean / Authority, Dual II Magnum, Roundup, Warrant
 SOIL DESCRIPTION: Putnam silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, high P, medium K, 5.7 pH, 2.1% OM, 15.6 CEC
 PEST MANAGEMENT: Trizar, Azoxypop Xtra, Force
 FERTILITY - Applied N: 30 Fall, 135 Spring, 60 Sidedress
 Applied N-P-K (units): 225-145-175
 SEEDING - RATE - ROW: Apr 24 31,200 /A 30" spacing
 HARVESTED - STAND: Sep 29 28,100 /A

Early-Season Test
107 - 112 Day CRM
 B2017MONO05a

Top 30 of 45
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Champion	62A18VT2PRO	VT2P	112	262.1	22.0	1	27.1	738	3
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	112	261.7	20.6	1	30.0	750	1
Renk	RK877DGV2P	VT2P,DG,B	111	260.5	21.4	1	27.9	739	2
Renk	RK842SSTX	STX	112	257.1	21.5	1	28.9	728	5
Lewis	11DP768	VT2P,B	111	256.6	22.5	1	29.3	718	8
Pfister	71C1PCR	PC,B	111	256.6	23.1	1	28.9	712	9
Wyffels	W6946DGRIB	VT2P,DG,B	111	255.0	21.3	1	28.8	724	6
NuTech/G2 Gen	X5FN-0909^	OI	109	253.4	20.2	1	29.2	729	4
ProHarvest	8277Stax	STX	112	251.6	20.7	1	27.9	720	7
LG Seeds	LG5618STXRIB	STX,B	112	250.6	22.2	1	26.8	704	13
AgriGold	A642-59STX	STX	112	250.4	21.3	1	28.5	711	11
Lewis	10DP747	VT2P,B	110	250.1	21.5	1	27.1	708	12
Wyffels	W6898	STX	112	248.0	22.0	1	30.3	698	16
Renk	RK859DGV2P	VT2P,DG	112	247.4	22.0	1	28.5	696	17
AgriGold	A641-78STX	STX	111	246.5	20.9	1	27.5	703	15
Dekalb	DKC60-88RIB GC	VT2P,B	110	244.5	20.2	1	26.3	704	14
Lewis	R1409VT2P	VT2P,B	109	243.6	21.4	1	29.0	691	18
Taylor	EXP C-112-14	VT2P	112	243.6	22.8	1	27.2	679	20
Taylor	8012VT2ProDGRIB	VT2P,DG,B	112	243.5	23.1	1	27.5	676	21
Renk	RK871VT2P	VT2P,B	111	237.1	20.4	1	28.6	681	19
Pioneer	P1197AM GC	AM,B	111	236.3	21.3	1	28.6	671	23
NuTech/G2 Gen	X5FN-1211^	OI	112	235.2	21.4	1	28.3	667	24
Lewis	RD1511VT2P	VT2P,DG,B	111	234.4	21.2	1	28.0	666	25
Pfister	70A1SSR	STX,B	110	233.2	21.6	1	28.2	660	29
NuTech/G2 Gen	5FB-1010^	AM,B	110	232.6	20.9	1	28.2	664	27
Taylor	8808VT2ProRIB	VT2P,B	108	232.5	20.8	1	29.6	664	28
FS InVISION	FS 59VL1 EZR	3220,B	109	232.4	20.7	1	24.9	665	26
Golden Harvest	G07F23-3111	3111	107	231.8	19.2	1	30.3	675	22
MorCorn	MC3966VT2PRIB	VT2P,B	109	231.4	21.0	1	27.3	659	31
LG Seeds	LG5590VT2P	VT2P	110	230.3	20.5	1	26.3	660	30
MorCorn	MC4319VT2PRIB CK	VT2P,B	113	252.7	21.9	1	28.3	712	10

William C. Schelp
 William (Bill) Schelp

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

Averages = **239.9** **21.3** **1** **28.1** **681**

LSD (0.10) = 9.7 1.1 ns

LSD (0.25) = 5.1 0.6 ns

C.V. = 3.9 New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$3.06; non-GMO = \$3.06

Test Comments: Trial was planted a couple days ahead of a cold, wet period in late April. Seedling emergence and final stand were good, considering the challenging weather early. Kernel depth was very good. Significantly below average temperatures in August surely helped this crop. Very little disease was observed. Stalk quality at harvest was excellent. Sulfur, boron, zinc, and copper was applied.

† 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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Report Date: 10/03/2017 Revised:

2017 Corn Grain Top 30 Harvest Report

Missouri North [MONO] NOVELTY

Brett & Kaley Wilkerson, Knox County, MO 63460



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

PREV. CROP/HERB: Soybean / Authority, Dual II Magnum, Roundup, Warrant
 SOIL DESCRIPTION: Putnam silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, high P, medium K, 5.7 pH, 2.1% OM, 15.6 CEC
 PEST MANAGEMENT: Trizar, Azoxypop Xtra, Force
 FERTILITY - Applied N: 30 Fall, 135 Spring, 60 Sidedress
 Applied N-P-K (units): 225-145-175
 SEEDING - RATE - ROW: Apr 24 31,200 /A 30" spacing
 HARVESTED - STAND: Sep 29 27,300 /A

Full-Season Test
113 - 116 Day CRM
 B2017MONO05b

Top 30 of 45

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVISION	FS 64R44	3000GT	114	258.3	22.4	1	27.3	723	1
FS InVISION	FS 64SV1 RIB	VT2P,B	114	254.8	23.2	1	27.3	707	3
Champion	CSX64A15DGVT2PRORIB	VT2P,DG,B	114	254.4	24.3	1	27.9	696	9
Renk	RK961VT2P	VT2P,B	116	254.1	23.0	1	27.3	706	4
Lewis	R1414VT2P	VT2P,B	114	254.0	22.8	1	29.0	708	2
Wyffels	W7696RIB	VT2P,B	113	252.9	23.2	1	28.0	701	5
Lewis	16DP887	VT2P,B	116	252.7	23.3	1	27.8	700	6
AgriGold	A6572VT2RIB	VT2P,B	114	252.3	23.3	1	28.8	699	7
Renk	RK924DGV2P	VT2P,DG,B	114	252.2	23.8	1	26.6	694	10
LG Seeds	LG5643VT2PRIB	VT2P,B	114	251.6	23.1	1	28.2	699	8
Wyffels	W7976RIB	VT2P,B	113	251.6	23.6	1	29.3	694	11
AgriGold	A6652VT2RIB	VT2P,B	116	250.9	23.7	1	27.5	691	12
Golden Harvest	G14R38-3120-EZR	3120,B	114	248.3	23.2	1	28.3	689	13
MorCorn	MC4377DGV2PRIB	VT2P,DG,B	113	248.0	23.3	1	27.1	687	14
FS InVISION	FS 66ZV1 RIB	VT2P,B	116	246.7	23.0	1	25.8	686	15
Champion	CSX65A17VT2PRO	VT2P	115	246.5	23.7	1	26.1	679	18
NuTech/G2 Gen	X5FN-1512^	OI	115	245.3	23.9	1	27.3	674	22
Dyna-Gro	D55VC45	VT2P	115	245.0	23.7	1	29.0	675	21
NuTech/G2 Gen	X5FN-1306^	OI	113	244.1	23.5	1	28.8	674	23
Wyffels	W7456RIB	VT2P,B	112	243.6	22.4	1	25.8	682	17
Taylor	EXP F-115-14	VT2P	115	242.3	22.4	1	26.8	679	19
NuTech/G2 Gen	5FB-9016^	AM,B	116	242.3	22.7	1	28.5	676	20
Renk	RK965SSTX	STX	116	242.3	24.0	1	27.1	665	30
Renk	RK941SSTX	STX,B	114	242.0	23.5	1	28.2	669	29
Lewis	RD1613VT2P	VT2P,DG,B	113	241.9	21.6	1	27.1	684	16
AgriGold	A6544VT2RIB	VT2P,B	113	241.3	23.0	1	26.1	671	26
Dyna-Gro	D58VC65	VT2P	118	239.0	21.9	1	25.9	674	24
MorCorn	MCXP1716	STX	114	238.9	22.1	1	28.5	672	25
LG Seeds	LG5650VT2PRIB	VT2P,B	115	237.2	21.6	1	26.5	671	27
Epley	E2305RR	RR2	113	237.0	21.6	1	25.6	670	28
MorCorn	MC4319VT2PRIB CK	VT2P,B	113	242.0	24.5	1	26.8	660	32

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Averages = **241.2** **23.2** **1** **27.3** **669**

LSD (0.10) = 10.2 1.3 ns

LSD (0.25) = 5.3 0.7 ns

C.V. = 4.0 New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$3.06; non-GMO = \$3.06

Test Comments: Trial was planted a couple days ahead of a cold, wet period in late April. Seedling emergence and final stand were good, considering the challenging weather early. Kernel depth was very good. Significantly below average temperatures in August surely helped this crop. Very little disease was observed. Stalk quality at harvest was excellent. Sulfur, boron, zinc, and copper was applied.

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2017 Corn Grain - Missouri North [MONO]



Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A641-78STX	STX	AC,P5V	111					
AgriGold	A642-59STX	STX	AC,P5V	112					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Champion	62A18VT2PRO	VT2P	AC,P5V	112					
Champion	CSX57A16VT2PRORIB	VT2P,B	AC,P2	107					
Dekalb	DKC60-88RIB GC	VT2P,B	AC,P5V	110					
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
FS InVISION	FS 61SV1 RIB	VT2P,B	AC,P2	111					
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	AC,P2	112					
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107					
Golden Harvest	G10T63-3120-EZR	3120,B	AVC,C5,Vi	110					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Lewis	10DP747	VT2P,B	AC,P5V	110					
Lewis	11DP768	VT2P,B	AC,P5V	111					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
Lewis	RD1511VT2P	VT2P,DG,B	AC,P5V	111					
LG Seeds	LG5590VT2P	VT2P	AC,P5V	110					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
MorCorn	MC3966VT2PRIB	VT2P,B	AC,P2	109					
MorCorn	MC4319VT2PRIB CK	VT2P,B	AC,P2	113					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
NuTech	5VN-4707	3111	MQ,P1V,R	107					
NuTech	X5NN-1212	3000GT	MQ,P5V,R	112					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5FN-0909^	OI	MQ,P1V,R	109					
NuTech/G2 Gen	X5FN-1211^	OI	MQ,P1V,R	112					
Pfister	68A1RR	RR2	CM,C2	108					
Pfister	70A1SSR	STX,B	CM,C5,Vi,ln	110					
Pfister	71C1PCR	PC,B	CM,C5,Vi,ln	111					
Pfister	72C6SS	STX	CM,C1,Vi,ln	112					
Pioneer	P1197AM GC	AM,B	MQ,C2,R	111					
ProHarvest	8277Stax	STX	AC,P5V	112					
Renk	RK842SSTX	STX	AC,P5V	112					
Renk	RK859DGV2P	VT2P,DG	AC,P5V	112					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Stine	9734-20 GC	3110	CM,C2	111					
Taylor	8012VT2ProDGRIB	VT2P,DG,B	AC,P2	112					
Taylor	8808VT2ProRIB	VT2P,B	AC,P2	108					
Taylor	8821VT2ProRIB	VT2P,B	AC,P2	110					
Taylor	EXP C-112-14	VT2P	AC,P2	112					
Wyffels	W6898	STX	AC,P5V	112					
Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111					

2017 Corn Grain - Missouri North [MONO]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6544VT2RIB	VT2P,B	AC,P5V	113					
AgriGold	A6572VT2RIB	VT2P,B	AC,P5V	114					
AgriGold	A6652VT2RIB	VT2P,B	AC,P5V	116					
Champion	66A18VT2PRO	VT2P	AC,P2	116					
Champion	CSX63A17DGV2PRO	VT2P,DG	AC,P2	113					
Champion	CSX64A15DGV2PRORIB	VT2P,DG,B	AC,P2	114					
Champion	CSX65A17VT2PRO	VT2P	AC,P5V	115					
Dyna-Gro	D55VC45	VT2P	AC,P5V	115					
Dyna-Gro	D58VC65	VT2P	AC,P5V	118					
Epley	E2305RR	RR2	MQ	113					
FS InVISION	FS 63ZV1 RIB	VT2P,B	AC,P2	113					
FS InVISION	FS 64R44	3000GT	AVC,C5,Vi	114					
FS InVISION	FS 64SV1 RIB	VT2P,B	AC,P2	114					
FS InVISION	FS 66ZV1 RIB	VT2P,B	AC,P2	116					
Golden Harvest	G14R38-3120-EZR	3120,B	AVC,C5,Vi	114					
Lewis	15DP878	VT2P,B	AC,P5V	115					
Lewis	16DP887	VT2P,B	AC,P5V	116					
Lewis	R1414VT2P	VT2P,B	AC,P5V	114					
Lewis	RD1613VT2P	VT2P,DG,B	AC,P5V	113					
LG Seeds	LG5643VT2PRIB	VT2P,B	AC,P5V	114					
LG Seeds	LG5650VT2PRIB	VT2P,B	AC,P5V	115					
MorCorn	MC4319VT2PRIB CK	VT2P,B	AC,P2	113					
MorCorn	MC4377DGV2PRIB	VT2P,DG,B	AC,P2	113					
MorCorn	MCXP1716	STX	AC,P5V	114					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	5FB-9016^	AM,B	MQ,P5V,R	116					
NuTech/G2 Gen	X5FN-1306^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1512^	OI	MQ,P1V,R	115					
Pfister	2874SSR	STX,B	CM,C5,Vi,In	113					
Pfister	3488PCR	PC,B	CM,C5,Vi,In	115					
Pfister	73A2SSR	STX,B	CM,C5,Vi,In	113					
Pfister	X157137VH	PC	CM,C1,Vi,In	115					
Pioneer	P1311AMXT GC	AMXT,B	MQ,C2	113					
Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Renk	RK961VT2P	VT2P,B	AC,P2	116					
Renk	RK965SSTX	STX	AC,P5V	116					
Stine	9742-20 GC	3110	CM,C2	113					
Taylor	8835VT2Pro	VT2P	AC,P2	114					
Taylor	EXP F-115-14	VT2P	AC,P2	115					
Taylor	T5515	STX	AC,P5V	115					
Wyffels	W7456RIB	VT2P,B	AC,P2	112					
Wyffels	W7696RIB	VT2P,B	AC,P2	113					
Wyffels	W7976RIB	VT2P,B	AC,P2	113					
Wyffels	W8646	VT2P	AC,P5V	116					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix [®] are trademarks of Syngenta.
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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (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 [®] TRIsect (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 [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

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

Corn Seed Treatments**

?	information unavailable	In	Intego™ Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Acceleron [®] fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	M	Maxim XL [®]
At	Actellic [®]	MQ	Maxim Quattro [®]
AVC	Avicta [®] Complete Corn	None	untreated
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme [®]	R	Raxil [®]
CM	CruiserMaxx [®] Corn	SC	SHIELDCoat™
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

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