

2017 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] ORCHARD FARM
Scott Boschert, St. Charles County, MO 63301



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

PREV. CROP/HERB: Soybean / Blanket, Ledger, Tomahawk 5, Roundup
SOIL DESCRIPTION: DeSioux loam, well drained, non-irrigated
SOIL CONDITION: Conventional w/ fall till, high P, very high K, 6.1 pH, 2.4% OM, 14.1 CEC
PEST MANAGEMENT: SureStart II, atrazine, Roundup, Force
FERTILITY - Applied N: 23 Fall, 60 Spring, 150 Sidedress
Applied N-P-K (units): 233-60-90
SEEDING - RATE - ROW: Apr 15 34,700 /A 30" spacing
HARVESTED - STAND: Sep 16 32,900 /A

All-Season Test
107 - 117 Day CRM
B2017MOCE06

Top 30 of 54

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
Lewis	16DP887	VT2P,B	116	271.6	20.5	10	33.6	779	2
MorCorn	MC4319VT2PRIB	VT2P,B	113	267.2	19.0	3	34.8	780	1
LG Seeds	LG5643VT2PRIB	VT2P,B	114	262.3	20.4	2	34.8	753	3
NuTech/G2 Gen	X5FN-1512^	OI	115	251.5	19.6	2	34.8	729	4
FS InVISION	FS 64SV1 RIB	VT2P,B	114	249.8	20.9	7	34.4	713	9
AgriGold	A645-10VT2RIB	VT2P,B	115	248.8	19.5	2	31.5	722	5
LG Seeds	LG5618STXRIB	STX,B	112	248.5	19.5	1	34.4	721	6
LG Seeds	LG5650VT2PRIB	VT2P,B	115	247.1	19.7	4	33.6	715	7
Lewis	11DP768	VT2P,B	111	247.1	20.0	2	31.1	713	10
AgriGold	A647-90VT2PRO	VT2P	117	246.1	21.9	2	30.7	694	19
AgriGold	A642-59STX	STX	112	244.7	19.0	1	32.4	715	8
FS InVISION	FS 66ZV1 RIB	VT2P,B	116	242.7	19.9	1	31.5	701	16
Pioneer	P1197AM GC	AM,B	111	241.9	18.4	7	32.4	711	12
Lewis	15DP878	VT2P,B	115	241.8	19.0	1	31.9	706	14
Lewis	R1414VT2P	VT2P,B	114	241.5	18.9	1	33.6	706	15
Pfister	X157137VH	PC	115	241.0	21.5	3	32.4	683	25
AgriGold	A6579STX	STX	114	240.9	20.2	5	33.6	693	20
NuTech/G2 Gen	5F-713^	AM,B	113	240.2	20.3	5	34.8	690	21
Pfister	68A1RR	RR2	108	240.0	17.6	2	33.2	713	11
Dekalb	DKC60-88RIB GC	VT2P,B	110	239.3	18.8	2	31.5	700	17
AgriGold	A640-77VT2PRO	VT2P	110	239.0	18.9	1	32.8	699	18
Lewis	RD1511VT2P	VT2P,DG,B	111	237.6	16.9	1	33.2	711	13
FS InVISION	FS 63ZV1 RIB	VT2P,B	113	236.4	20.1	2	33.6	681	26
Pfister	71C1PCR	PC,B	111	236.4	20.6	1	33.2	677	27
Golden Harvest	G16K01-3111	3111	116	236.3	20.8	4	31.9	675	28
AgriGold	A6499STXRIB	STX,B	112	236.0	19.2	1	33.6	687	23
MorCorn	MCXP1716	STX	114	234.5	18.5	1	32.8	689	22
Pfister	70A1SSR	STX,B	110	232.9	18.2	1	31.5	687	24
NuTech/G2 Gen	X5FN-0909^	OI	109	231.0	19.0	7	34.8	675	29
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	112	229.9	19.0	1	34.0	671	30

William C. Schelp

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Averages = **233.3** **19.4** **4** **32.9** **678**

LSD (0.10) = 13.3 1.2 6

LSD (0.25) = 7.0 0.6 3

C.V. = 5.4

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: Site got off to great start with excellent emergence and was planted timely. Plants were healthy. Overall decent weather during the growing season. Stalk quality was good. Little evidence of disease at harvest. Some hybrid specific lodging was noted during pre-harvest inspections and noted accordingly. Scott said, "Pretty good corn, but we could have caught another rain."

† 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: 9/19/2017 Revised:

2017 Corn Grain - Missouri Central [MOCE]



All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A640-77VT2PRO	VT2P	AC,P5V	110	Pfister	2874SSR	STX,B	CM,C5,Vi,In	113
AgriGold	A642-59STX	STX	AC,P5V	112	Pfister	3488PCR	PC,B	CM,C5,Vi,In	115
AgriGold	A645-10VT2RIB	VT2P,B	AC,P5V	115	Pfister	68A1RR	RR2	CM,C2	108
AgriGold	A647-90VT2PRO	VT2P	AC,P5V	117	Pfister	70A1SSR	STX,B	CM,C5,Vi,In	110
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	Pfister	71C1PCR	PC,B	CM,C5,Vi,In	111
AgriGold	A6579STX	STX	AC,P5V	114	Pfister	72C6SS	STX	CM,C1,Vi,In	112
Dekalb	DKC60-88RIB GC	VT2P,B	AC,P5V	110	Pfister	73A2SSR	STX,B	CM,C5,Vi,In	113
Epley	E2305RR	RR2	MQ	113	Pfister	X157137VH	PC	CM,C1,Vi,In	115
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109	Pioneer	P1197AM GC	AM,B	MQ,C2,R	111
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					
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	G10T63-3120-EZR	3120,B	AVC,C5,Vi	110					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Golden Harvest	G14R38-3120-EZR	3120,B	AVC,C5,Vi	114					
Golden Harvest	G16K01-3111	3111	AVC,C5,Vi	116					
Lewis	10DP747	VT2P,B	AC,P5V	110					
Lewis	11DP768	VT2P,B	AC,P5V	111					
Lewis	15DP878	VT2P,B	AC,P5V	115					
Lewis	16DP887	VT2P,B	AC,P5V	116					
Lewis	R1412VT2P	VT2P,B	AC,P5V	112					
Lewis	R1414VT2P	VT2P,B	AC,P5V	114					
Lewis	RD1511VT2P	VT2P,DG,B	AC,P5V	111					
Lewis	RD1613VT2P	VT2P,DG,B	AC,P5V	113					
LG Seeds	LG5590VT2P	VT2P	AC,P5V	110					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5643VT2PRIB	VT2P,B	AC,P5V	114					
LG Seeds	LG5650VT2PRIB	VT2P,B	AC,P5V	115					
MorCorn	MC3966VT2PRIB	VT2P,B	AC,P2	109					
MorCorn	MC4319VT2PRIB	VT2P,B	AC,P2	113					
MorCorn	MCXP1716	STX	AC,P5V	114					
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	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5FB-9016^	AM,B	MQ,P5V,R	116					
NuTech/G2 Gen	X5FN-0909^	OI	MQ,P1V,R	109					
NuTech/G2 Gen	X5FN-1211^	OI	MQ,P1V,R	112					
NuTech/G2 Gen	X5FN-1307^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1512^	OI	MQ,P1V,R	115					

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. VPMa [®] 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 [®] , VPMa [®] 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.