

2017 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] WESTON
Jeff Gaskill, Platte County, MO 64098



PREV. CROP/HERB: Soybean / Authority First, Roundup, Warrant
SOIL DESCRIPTION: Modale silt loam, moderately drained, non-irrigated
SOIL CONDITION: Minimum w/ fall till, low P, low K, 5.3 pH, 2.8% OM, 21.4 CEC
PEST MANAGEMENT: Degree Xtra, Impact, Roundup, Force
FERTILITY - Applied N: 30 Fall, 160 Spring
Applied N-P-K (units): 190-44-0
SEEDED - RATE - ROW: Apr 21 34,700 /A 30" spacing
HARVESTED - STAND: Sep 23 31,800 /A

All-Season Test
107 - 117 Day CRM
B2017MOCE01

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
FS InVISION	FS 66ZV1 RIB	VT2P,B	116	225.4	15.6	1	30.2	685	1
AgriGold	A6499STXRIB	STX,B	112	216.5	15.5	2	32.6	659	2
AgriGold	A647-90VT2PRO	VT2P	117	216.3	16.7	1	30.6	649	4
MorCorn	MC4319VT2PRIB	VT2P,B	113	215.1	16.7	1	31.4	645	7
Lewis	R1414VT2P	VT2P,B	114	214.6	15.4	1	32.7	654	3
AgriGold	A645-10VT2RIB	VT2P,B	115	214.0	15.9	2	31.7	648	5
Lewis	16DP887	VT2P,B	116	213.9	16.1	4	32.7	646	6
Pfister	71C1PCR	PC,B	111	209.9	15.5	2	32.7	639	8
FS InVISION	FS 64R44	3000GT	114	209.0	15.8	2	31.9	634	9
AgriGold	A6579STX	STX	114	208.5	15.6	1	31.2	634	10
Golden Harvest	G16K01-3111	3111	116	207.7	16.3	1	29.9	626	16
Golden Harvest	G14R38-3120-EZR	3120,B	114	207.5	16.5	1	32.9	624	18
LG Seeds	LG5618STXRIB	STX,B	112	207.4	15.9	2	32.7	628	13
FS InVISION	FS 60QV1 RIB	VT2P,B	110	206.6	14.6	3	31.3	632	11
Dekalb	DKC60-88RIB GC	VT2P,B	110	206.5	14.6	1	29.9	632	12
LG Seeds	LG5643VT2PRIB	VT2P,B	114	206.2	15.8	2	32.4	625	17
LG Seeds	LG5650VT2PRIB	VT2P,B	115	205.3	16.2	1	31.7	620	19
Epley	E2305RR	RR2	113	205.1	15.1	1	33.0	627	14
Lewis	RD1613VT2P	VT2P,DG,B	113	205.0	15.0	1	30.3	627	15
Pfister	73A2SSR	STX,B	113	203.9	16.4	1	32.7	614	22
NuTech/G2 Gen	X5FN-1211^	OI	112	202.3	15.6	1	31.7	615	21
Pfister	70A1SSR	STX,B	110	201.7	14.3	1	32.2	617	20
LG Seeds	LG5590VT2P	VT2P	110	201.1	15.5	1	31.0	612	25
NuTech/G2 Gen	X5FN-1512^	OI	115	200.9	15.8	1	32.0	609	26
Golden Harvest	G10T63-3120-EZR	3120,B	110	200.5	14.9	1	31.3	614	23
NuTech/G2 Gen	X5FN-0909^	OI	109	200.2	14.3	1	33.0	613	24
FS InVISION	FS 59VL1 EZR	3220,B	109	199.9	15.4	1	30.7	609	27
Lewis	15DP878	VT2P,B	115	199.5	15.5	1	30.5	607	28
Golden Harvest	G12W66-3000GT	3000GT	112	199.0	15.5	1	32.6	605	29
AgriGold	A642-59STX	STX	112	198.2	15.5	1	29.3	603	30

William C. Schelp

William (Bill) Schelp

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Averages = **200.2** **15.5** **1** **31.8** **608**

LSD (0.10) = 12.7 0.7 1

LSD (0.25) = 6.7 0.4 1

C.V. = 6.0 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: Sulfur was applied. Off to a good start with uniform plant stand. Jeff noted, "We just didn't get a lot of rain". Since January 1st this site received 22.9" of precipitation, versus 39.8" just 20 miles north. Mild August temperatures helped. Plants were not especially tall and stood well at harvest. Jeff's thoughts at harvest time, "It's as dry in this area as it's been for over 10 years".

† 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: 9/24/2017 Revised:

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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. 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 [®] 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 [®]	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.