

2017 Corn Grain Top 30 Harvest Report

Iowa South [IASO] MORAVIA
Wilson Farms, Garrett Wilson, Appanoose County, IA 52571



Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Soybean / Round up
SOIL DESCRIPTION: Haig/Edina silty clay loam,
SOIL CONDITION: Minimum w/ fall till, very high P, low K, 5.6 pH, 2.9% OM, 19 CEC
PEST MANAGEMENT: Armozon pro, Round up, Atrazine, Force
FERTILITY - Applied N: 145 Fall
Applied N-P-K (units): 145-0-0
SEEDING - RATE - ROW: May 9 32,400 /A 30" spacing
HARVESTED - STAND: Nov 13 32,300 /A

Early-Season Test
105 - 110 Day CRM
B2017IASO36a

Top 30 of 42

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
HyPac	HY 4000	STL.B	108	218.8	16.5	1	31.8	527	1
HyPac	HY 4000 2 Gen	448.B	110	205.5	16.8	1	33.4	519	2
Triax Pro	TP 55-40-55	STL.B	110	202.1	17.1	1	32.9	508	3
FS 4000	FS 4000 1 RB	V7P.B	110	201.7	16.9	1	33.4	508	4
Golden Harvest	GH 445-2111	3111	108	200.1	16.7	1	33.4	504	5
Phosor	PH 311	447 RB2	108	199.5	17.1	1	31.9	501	6
HyPac	HY 4000 RB	V7P.DL.B	111	195.5	16.9	1	33.4	500	8
AgriGen	AG 38-46-12P60	V7P	108	195.4	16.9	1	31.9	501	8
FS 4000	FS 4000 1 RB	STL.B	110	193.5	16.9	1	33.4	501	10
FS 4000	FS 4000 1 RB	STL.B	110	192.9	16.9	1	33.4	500	11
Prime Brand	PR 311	STL.B	110	191.8	17.7	1	33.4	514	14
Chancellor	CH 217-2107 RB	STL.B	110	191.3	17.1	1	32.9	500	12
Chancellor	CH 219-2107 RB	STL.B	110	190.7	16.9	1	32.9	513	16
Phosor	PH 1000	STL.B	110	190.6	16.8	1	31.9	516	13
Latham	LH 3000 12P RB	V7P.B	108	190.0	16.9	1	33.4	513	16
HyPac	HY 4000 2 Gen	448.B	110	187.7	17.1	1	31.9	511	17
AgriGen	AG 38-46-12P60	V7P	108	187.2	17.2	1	31.9	509	18
Phosor	PH 311 RB 12 C	V7P.B	108	186.5	16.8	1	33.4	509	18
Ross	RS 3400 12P	V7P.DL.B	110	187.0	16.7	1	32.9	504	20
Phosor	PH 1000	STL.B	110	184.2	16.5	1	32.4	507	21
L.S. Seeds	LS 111	V7P	110	183.8	16.8	1	31.9	504	22
Latham	LH 3000 12P RB	V7P.B	108	182.7	16.8	1	31.4	501	23
Triax Pro	TP 71-40-55	STL.B	108	179.5	16.7	1	32.4	542	24
HyPac	HY 4000 2 Gen	448.B	108	179.3	17.4	1	33.4	538	26
Latham	LH 3000 12P RB	STL.B	108	177.7	16.7	1	32.4	538	26
Krugger	KR 311	STL.B	110	176.8	17.5	1	31.9	530	27
Phosor	PH 311 PC	PC	108	172.8	16.3	1	31.9	523	28
HyPac	HY 4000	STL.B	108	170.2	16.8	1	32.4	513	29
HyPac	HY 4000	3111	107	169.3	16.8	1	32.9	511	30
Prime Brand	PR 311 12P	3111	108	169.0	16.8	1	33.4	499	31
Triax Pro	TP 55-40-55	STL.B	110	168.7	16.9	1	33.4	501	32

DATA REJECTED

Randy Meinsma
randym@firstseedtests.com, (815) 238-8007

Averages =	174.5	15.9	1	32.3	527
LSD (0.10) =	ns	ns	ns		
LSD (0.25) =	ns	ns	ns		
C.V. =	26.5			New test site, no yield history	

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.06; non-GMO = \$3.06

Test Comments: Getting this site planted was a challenge as wet conditions gave a very narrow window of opportunity. After planting, this area received more rain that caused drown out in portions of the plot. In mid-June, a drought set in. Garrett, our host farmer, indicated the site was among the areas driest. Area yields vary based on planting date and rainfall received. Test results are variable and unreliable.

† 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

Additional reports available at www.firstseedtests.com

©2017, all rights reserved by Elite Field Genetics, LLC

Report Date: 11/14/2017 Revised:

2017 Corn Grain Top 30 Harvest Report

Iowa South [IASO] MORAVIA
Wilson Farms, Garrett Wilson, Appanoose County, IA 52571



Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Soybean / Round up
SOIL DESCRIPTION: Haig/Edina silty clay loam,
SOIL CONDITION: Minimum w/ fall till, very high P, low K, 5.6 pH, 2.9% OM, 19 CEC
PEST MANAGEMENT: Armozon pro, Round up, Atrazine, Force
FERTILITY - Applied N: 145 Fall
Applied N-P-K (units): 145-0-0
SEEDED - RATE - ROW: May 9 32,400 /A 30" spacing
HARVESTED - STAND: Nov 13 32,400 /A

Full-Season Test
111 - 116 Day CRM
B2017IASO36b

Top 30 of 63

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
LG Seeds	LG3880T1	ST1	111	203.3	18.1	1	32.9	585	1
Chancellor	215-7507-488B	ST1.B	115	208.8	17.9	1	32.9	584	2
FS seedstock	FS 63211-488	ST1.B	113	209.1	17.9	1	33.4	577	3
Federal	62802T1A	ST1	112	218.8	17.9	1	33.4	554	4
Golden Harvest	512111-2111A	2111A	112	217.9	17.9	1	33.4	551	5
AgLife	W72P488	V72P.B	113	217.8	18.1	1	31.4	550	6
Rain	RR34100T1	ST1.B	114	217.9	18.1	1	32.9	548	7
Pharos	720488	ST1	112	216.7	18.1	1	32.9	548	8
Dura-Gro	DS21180	V72P	112	214.2	18.1	1	32.9	541	9
Rain	RR34100-V72P	V72P.DS.B	114	214.0	18.2	1	32.9	538	10
Dura-Gro	DS41132	V72P	114	213.9	18.1	1	32.9	538	11
Champion	CS4334-1700-V72P488	V72P.DS	114	212.9	18.1	1	32.9	534	12
Triax Pro	TP 14-12-88	ST1	112	211.7	18.1	1	32.9	530	13
Champion	CS4334-1700-V72P488B	V72P.DS.B	114	209.1	18.1	1	32.9	521	14
LG Seeds	LG3880T1-488	ST1.B	112	209.1	18.1	1	32.9	520	15
LG Seeds	LG3880T1-488	ST1.B	114	209.1	18.1	1	32.4	517	16
AgLife	AG4880T1-488	ST1	112	209.1	17.7	1	33.4	514	17
FS seedstock	FS 63211-488	V72P.B	113	209.1	18.0	1	31.9	512	18
Champion	CS4334-1700-488	ST1.B	114	204.8	17.9	1	33.4	511	19
Krugger	KAR-8011	ST1	111	203.5	17.9	1	33.9	508	20
Rain	RR34100	V72P	118	203.5	17.9	1	32.9	508	21
Pharos	712-1488	ST1	111	203.2	17.7	1	32.9	508	22
Golden Harvest	511711-2111A	2111A	111	201.8	17.3	1	32.4	508	23
Pharos	287408	ST1.B	112	200.1	17.7	1	32.9	500	24
AgLife	AG372111	V72P.B	114	199.3	17.8	1	32.4	500	25
Augusta	AG3847	3880T	114	199.2	18.0	1	32.4	507	26
Latham	LH42111	V72P	114	198.8	17.7	1	32.9	504	28
Triax Pro	TP 14-14-88	ST1.B	114	197.1	18.0	1	33.4	500	27
LG Seeds	LG3880T1-488	V72P.B	115	195.5	17.9	1	33.9	504	30
Krugger	KAR-8011	ST1.B	111	194.9	17.3	1	33.4	501	29
Pharos	712-1488	ST1	111	193.7	17.3	1	32.9	501	31

DATA REJECTED

Randy Meinsma
randym@firstseedtests.com, (815) 238-8007

Averages =	191.7	17.6	1	32.4	573
LSD (0.10) =	ns	ns	ns		
LSD (0.25) =	ns	ns	ns		
C.V. =	19.8			New test site, no yield history	

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.06; non-GMO = \$3.06

Test Comments: Getting this site planted was a challenge as wet conditions gave a very narrow window of opportunity. After planting, this area received more rain that caused drown out in portions of the plot. In mid-June, a drought set in. Garrett, our host farmer, indicated the site was among the areas driest. Area yields vary based on planting date and rainfall received. Test results are variable and unreliable.

† 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
Additional reports available at www.firstseedtests.com ©2017, all rights reserved by Elite Field Genetics, LLC
Report Date: 11/14/2017 Revised:

2017 Corn Grain - Iowa South [IASO]



Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A639-40VT2PRO	VT2P	AC,P5V	109					
AgriGold	A640-77VT2PRO	VT2P	AC,P5V	110					
Augusta	A4658GT3110	3110	CM,C2	108					
Channel	207-27STXRIB	STX,B	AC,P5V	107					
Channel	208-23STXRIB	STX,B	AC,P5V	108					
Channel	210-26STXRIB	STX,B	AC,P5V	110					
Dyna-Gro	D50VC30	VT2P	AC,P5V	110					
Federal	6080VT2P	VT2P	AC,P5V	110					
FS InVISION	FS 57TX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109					
FS InVISION	FS 60LX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
Golden Harvest	G09A86-3111	3111	AVC,C5,Vi	109					
Kruger	K4R-9610	STX,B	AC,P5V	110					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
Latham	LH5885VT2ProRIB	VT2P,B	AC,P2	108					
Latham	LH5965VT2ProRIB	VT2P,B	AC,P2	109					
Latham	LH6045VT2ProRIB	VT2P,B	AC,P2	110					
LG Seeds	LG5590VT2P	VT2P	AC,P5V	110					
NK Brand	NK0576-3010	3010	AVC,C2,Vi	105					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
NuTech	5VN-4707	3111	MQ,P1V,R	107					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
Pfister	66Y3PC	PC	CM,C5,Vi,In	106					
Pfister	68A1RR	RR2	CM,C2	108					
Pfister	69D3VX	HXT,RR2	CM,C5,Vi,In	109					
Pfister	70A1SSR	STX,B	CM,C5,Vi,In	110					
Pioneer	P0825AMXT GC	AMXT,B	MQ,C2,Lu	108					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111					
Prairie Brand	6097RA	STX,B	CM,C5,Vi,In	110					
Renk	RK792SSTX	STX,B	AC,P5V	108					
Renk	RK794DGV2P	VT2P,DG,B	AC,P2	108					
Renk	RK810SSTX	STX,B	AC,P5V	110					
Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110					
Titan Pro	TP 66-10 2P	VT2P,B	AC,P5V	110					
Titan Pro	TP 77-06 SS	STX	AC,P5V	106					
Wyffels	W5448RIB	STX,B	AC,P5V	108					
Wyffels	W6198RIB	STX,B	AC,P5V	109					
Wyffels	W6896	VT2P	AC,P5V	110					
Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111					

2017 Corn Grain - Iowa South [IASO]



Full-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	Pfister	2874SSR	STX,B	CM,C5,Vi,In	113
AgriGold	A6572VT2RIB	VT2P,B	AC,P5V	114	Pfister	71C1PCR	PC,B	CM,C5,Vi,In	111
AgriGold	A6579STX	STX	AC,P5V	114	Pfister	72C6SS	STX	CM,C1,Vi,In	112
Augusta	A5162GT3000	3000GT	AVC,C5	112	Pfister	73A2SSR	STX,B	CM,C5,Vi,In	113
Augusta	A5664GT3000	3000GT	CM,C1	114	Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111
Champion	CSX63A13VT2PRORIB	VT2P,B	AC,P2	113	Prairie Brand	6388SX	STX	CM,C1,Vi,In	113
Champion	CSX63A17DGV2T2PRO	VT2P,DG	AC,P2	113	Renk	RK924DGV2T2P	VT2P,DG,B	AC,P2	114
Champion	CSX64A15DGV2T2PRORIB	VT2P,DG,B	AC,P2	114	Renk	RK941SSTX	STX,B	AC,P5V	114
Champion	CSX64A17SSRIB	STX,B	AC,P5V	114	Renk	RK961VT2P	VT2P,B	AC,P2	116
Channel	212-48STXRIB	STX,B	AC,P5V	112	Renk	RK965SSTX	STX	AC,P5V	116
Channel	213-19STXRIB	STX,B	AC,P5V	113	Titan Pro	TP 56-14 2P	VT2P,DG,B	AC,P5V	114
Channel	215-75STXRIB	STX,B	AC,P5V	115	Titan Pro	TP 68-14 SS	STX,B	AC,P5V	114
Channel	216-36STXRIB	STX,B	AC,P5V	116	Titan Pro	TP 71-12 DG2P	VT2P,DG,B	AC,P2	112
Dyna-Gro	D52VC63	VT2P	AC,P5V	112	Titan Pro	TP 74-12 SS	STX	AC,P5V	112
Dyna-Gro	D54VC52	VT2P	AC,P5V	114	Wyffels	W7456RIB	VT2P,B	AC,P2	112
Federal	6280SSTAX	STX	AC,P5V	112	Wyffels	W7696RIB	VT2P,B	AC,P2	113
Federal	6460SSTAXRIB	STX,B	AC,P5V	114	Wyffels	W7976RIB	VT2P,B	AC,P2	113
Federal	6580SSTAX	STX	AC,P5V	115	Wyffels	W8268RIB	STX,B	AC,P5V	116
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64R44	3000GT	AVC,C5,Vi	114					
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114					
FS InVISION	FS 66ZV1 RIB	VT2P,B	AC,P2	116					
Golden Harvest	G11F16-3111A	3111,A	AVC,C5,Vi	111					
Golden Harvest	G12J11-3111A	3111,A	AVC,C5,Vi	112					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Golden Harvest	G14R38-3000GT	3000GT	AVC,C5,Vi	114					
Kruger	K4R-9111	STX,B	AC,P5V	111					
Kruger	K4R-9116	STX,B	AC,P5V	116					
Kruger	K4R-9715	STX,B	AC,P5V	115					
Kruger	K4R-9811	STX,B	AC,P5V	111					
Latham	LH6187VT2ProDG	VT2P,DG	AC,P5V	111					
Latham	LH6224-3120	3120	AVC,C5	112					
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	AC,P2	113					
Latham	LH6425VT2Pro	VT2P	AC,P5V	114					
LG Seeds	LG5606STX	STX	AC,P5V	111					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5643STXRIB	STX,B	AC,P5V	114					
LG Seeds	LG5650VT2PRIB	VT2P,B	AC,P5V	115					
Miller Hybrids	M15-14BRG	3000GT	CM,C2	115					
NK Brand	NK1284-3000GT	3000GT	AVC,C5,Vi	112					
NuTech	X5NN-1212	3000GT	MQ,P5V,R	112					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	X5FN-1306^	OI	MQ,P1V,R	113					
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 [®] 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.