

2017 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] OAKLAND
 Mark & Keith Bentley, Pottawattamie County, IA 51560



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Marshall silty clay loam,
 SOIL CONDITION: No-till, high P, high K, 6.6 pH, 3.6% OM, 18 CEC
 PEST MANAGEMENT: Accuron, Power Max, Dicamba, Force
 FERTILITY - Applied N: 173 Spring
 Applied N-P-K (units): 173-0-0
 SEEDING - RATE - ROW: Apr 27 32,400 /A 30" spacing
 HARVESTED - STAND: Nov 6 33,600 /A

Early-Season Test
105 - 110 Day CRM
 B2017IAWC13a

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
Champion	CSX59A16SSRIB	STX,B	109	249.5	15.4	4	33.4	749	1
Renk	RK776SSTX	STX,B	107	246.9	15.6	2	33.4	739	2
Dyna-Gro	D50VC30	VT2P	110	244.8	15.7	3	33.9	733	4
Latham	LH5965VT2ProRIB	VT2P,B	109	244.5	15.4	3	33.9	734	3
Channel	210-26STXRIB	STX,B	110	244.1	15.6	4	34.4	731	5
LG Seeds	LG5590VT2P	VT2P	110	241.6	15.5	1	33.9	724	6
Channel	207-27STXRIB	STX,B	107	241.0	15.5	1	33.9	722	7
NuTech/G2 Gen	5FB-1010^	AM,B	110	235.8	15.4	14	33.9	707	8
Wyffels	W6946DGRIB	VT2P,DG,B	111	234.7	15.7	6	33.4	702	9
Latham	LH5885VT2ProRIB	VT2P,B	108	232.3	15.3	10	33.4	697	10
Four Star	6D55RIB	VT2P,B	110	232.2	15.3	6	33.4	697	11
Latham	LH6045VT2ProRIB	VT2P,B	110	232.1	15.6	7	33.4	695	12
Champion	CSX57A16VT2PRORIB	VT2P,B	107	230.8	15.4	10	33.9	692	13
Renk	RK810SSTX	STX,B	110	230.1	15.5	9	32.9	690	14
LG Seeds	LG5530VT2P	VT2P	105	227.3	15.8	5	33.9	680	16
LG Seeds	LG5548STXRIB	STX,B	109	227.2	15.5	9	33.9	681	15
NuTech	5N-410	3000GT	110	226.5	16.0	6	32.9	676	17
FS InVISION	FS 60LX1 RIB	STX,B	110	223.6	15.6	2	33.9	670	18
Channel	209-53STXRIB	STX,B	109	223.3	15.8	3	33.4	668	20
Wyffels	W6198RIB	STX,B	109	223.2	15.5	3	33.4	669	19
Augusta	A4658GT3110	3110	108	222.4	15.4	8	33.4	667	21
NK Brand	NK0760-3111	3111	107	221.8	15.1	2	33.9	667	22
Four Star	6D49RIB	VT2P,B	109	221.4	15.3	13	33.9	665	23
NuTech/G2 Gen	5F-308^	AM,B	108	221.3	15.6	10	33.4	663	24
Pfister	66Y3PC	PC	106	220.4	14.9	2	32.9	663	25
Kruger	K4R-9610	STX,B	110	218.4	15.8	2	33.4	653	26
Titan Pro	TP 58-10 SS	STX,B	110	217.6	15.6	1	33.4	652	29
FS InVISION	FS 60QV1 RIB	VT2P,B	110	217.4	15.2	7	33.4	653	28
Pfister	70A1SSR	STX,B	110	216.1	15.4	6	33.4	648	30
Dairyland	DS-6106	RR2	106	216.1	15.5	8	33.9	648	31
Pioneer	P1197AMXT CK	AMXT,B	111	218.1	15.6	19	33.4	653	27

Averages = **220.2** **15.5** **8** **33.6** **660**

LSD (0.10) = 13.0 0.2 9

LSD (0.25) = 6.8 0.1 5

C.V. = 5.6 Prev. years average yield, 199.8 bu/a, 6 yrs

Randy Meinsma

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

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.01; non-GMO = \$3.01

Test Comments: *Planting conditions were very good. At harvest, plants were very tall with well pollinated ears having kernels with good depth and sturdy cobs. Stalk breakage just below the ear and dropped ears (weak ear shanks) were a problem here. Mark, our host grower, mentioned that stalk lodging was an area problem and dropped ears were a big concern. Recent harvest delays only make these issues worse.*

† 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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 SOIL CONDITION: No-till, high P, high K, 6.6 pH, 3.6% OM, 18 CEC
 PEST MANAGEMENT: Accuron, Power Max, Dicamba, Force
 FERTILITY - Applied N: 173 Spring
 Applied N-P-K (units): 173-0-0
 SEEDING - RATE - ROW: Apr 27 32,400 /A 30" spacing
 HARVESTED - STAND: Nov 6 33,700 /A

Full-Season Test
111 - 114 Day CRM
 B2017IAWC13b

Top 30 of 60

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
Prairie Brand	6388SX	STX	113	266.0	16.2	6	33.9	793	1
FS InVISION	FS 63ZX1 RIB	STX,B	113	265.4	16.5	1	34.8	789	2
Wyffels	W7888RIB	STX,B	114	264.4	16.1	1	33.9	789	3
Wyffels	W7976RIB	VT2P,B	113	255.1	16.0	2	33.9	761	4
Prairie Brand	6247PWRA	PC,B	112	254.4	16.5	4	33.4	756	6
Rob-See-Co	Innotech IC6260^	3000GT	112	254.1	16.1	3	33.9	758	5
Titan Pro	TP 71-12 DG2P	VT2P,DG,B	112	251.4	16.0	2	33.4	750	7
LG Seeds	LG5618STXRIB	STX,B	112	250.3	16.9	1	32.9	742	10
Wyffels	W7696RIB	VT2P,B	113	249.7	15.6	33	33.9	748	8
Kruger	K4R-9811	STX,B	111	249.2	15.9	1	34.4	744	9
Dyna-Gro	D54VC52	VT2P	114	248.4	16.6	3	32.9	738	11
Pfister	71C1PCR	PC,B	111	248.1	16.4	4	33.4	738	12
FS InVISION	FS 64SX1 RIB	STX,B	114	247.6	16.4	39	34.4	737	14
Channel	214-45STXRIB	STX,B	114	247.1	16.2	22	34.4	736	15
FS InVISION	FS 61SX1 RIB	STX,B	111	246.9	15.9	4	33.4	738	13
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	113	246.8	16.5	1	33.9	734	16
Wyffels	W7456RIB	VT2P,B	112	246.3	16.6	6	33.9	732	18
Kruger	K4R-9111	STX,B	111	246.2	16.1	3	33.4	734	17
Latham	LH6224-3120	3120	112	245.9	16.3	1	33.9	732	19
NuTech	X5NN-1212	3000GT	112	245.3	16.5	2	33.4	729	21
Channel	213-19STXRIB	STX,B	113	245.1	16.6	2	33.4	728	23
Champion	CSX64A17SSRIB	STX,B	114	244.7	16.3	9	33.4	729	22
NuTech/G2 Gen	X5FN-1305^	OI	113	244.2	15.8	4	33.9	730	20
Kruger	K4R-9511	STX,B	111	243.4	16.0	1	33.9	727	24
Four Star	6D75RIB	VT2P,B	114	242.9	16.9	3	34.4	720	27
FS InVISION	FS 62R44	3000GT	112	242.3	16.3	1	33.9	721	26
Golden Harvest	G12J11-3111A	3111,A	112	241.9	15.6	2	33.4	724	25
Golden Harvest	G12W66-3000GT	3000GT	112	240.1	16.5	1	33.4	714	29
NuTech/G2 Gen	X5FN-1306^	OI	113	239.8	16.0	26	34.4	716	28
LG Seeds	LG5643STXRIB	STX,B	114	238.4	15.8	2	33.9	713	30
Pioneer	P1197AMXT CK	AMXT,B	111	213.5	15.6	15	33.4	639	56

Averages = **237.5** **16.2** **10** **33.7** **708**

LSD (0.10) = 13.2 0.1 12

LSD (0.25) = 6.9 0.1 6

C.V. = 5.3 Prev. years average yield, 199.8 bu/a, 6 yrs

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Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A4658GT3110	3110	CM,C2	108	Renk	RK792SSTX	STX,B	AC,P5V	108
Champion	60A18VT2PRO	VT2P	AC,P5V	110	Renk	RK810SSTX	STX,B	AC,P5V	110
Champion	CSX57A16VT2PRORIB	VT2P,B	AC,P2	107	Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110
Champion	CSX59A16SSRIB	STX,B	AC,P5V	109	Titan Pro	TP 66-10 2P	VT2P,B	AC,P5V	110
Channel	207-27STXRIB	STX,B	AC,P5V	107	Titan Pro	TP 77-06 SS	STX	AC,P5V	106
Channel	208-23STXRIB	STX,B	AC,P5V	108	Wyffels	W5448RIB	STX,B	AC,P5V	108
Channel	209-53STXRIB	STX,B	AC,P5V	109	Wyffels	W6198RIB	STX,B	AC,P5V	109
Channel	210-26STXRIB	STX,B	AC,P5V	110	Wyffels	W6896	VT2P	AC,P5V	110
Dairyland	DS-6106	RR2	CM,C5,Vi,In	106	Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111
Dairyland	DS-9508RA	STX,B	CM,C5,Vi,In	108					
Dyna-Gro	D49VC39	VT2P	AC,P5V	109					
Dyna-Gro	D50VC30	VT2P	AC,P5V	110					
Four Star	6D49RIB	VT2P,B	AC,P2	109					
Four Star	6D55RIB	VT2P,B	AC,P2	110					
Four Star	EX7029RIB	STX,B	AC,P5V	107					
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	G05B91-3010	3010	AVC,C2,Vi	105					
Kruger	K4R-9610	STX,B	AC,P5V	110					
Kruger	KR-4706	VT2P,B	AC,P5V	106					
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	LG5530VT2P	VT2P	AC,P5V	105					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5590VT2P	VT2P	AC,P5V	110					
NK Brand	NK0760-3111	3111	AVC,C2,Vi	107					
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	5F-709^	AM,AQ,B	MQ,P5V,R	109					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
Pfister	2545RASS	STX,B	CM,C5,Vi,In	107					
Pfister	65B1RR	RR2	CM,C5,Vi,In	105					
Pfister	66Y3PC	PC	CM,C5,Vi,In	106					
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	5646RR	RR2	CM,C2,Vi	107					
Renk	RK776SSTX	STX,B	AC,P5V	107					

2017 Corn Grain - Iowa West Central [IAWC]



Full-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Champion	62A18VT2PRO	VT2P	AC,P5V	112	Prairie Brand	6388SX	STX	CM,C1,Vi,In	113
Champion	CSX63A17DGV2PRO	VT2P,DG	AC,P2	113	Prairie Brand	6394SX	STX	CM,C5,Vi,In	114
Champion	CSX64A15DGV2PRORIB	VT2P,DG,B	AC,P2	114	Renk	RK842SSTX	STX	AC,P5V	112
Champion	CSX64A17SSRIB	STX,B	AC,P5V	114	Renk	RK859DGV2P	VT2P,DG	AC,P5V	112
Channel	212-48STXRIB	STX,B	AC,P5V	112	Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114
Channel	213-19STXRIB	STX,B	AC,P5V	113	Renk	RK941SSTX	STX,B	AC,P5V	114
Channel	214-45STXRIB	STX,B	AC,P5V	114	Rob-See-Co	Innotech IC6260^	3000GT	AVC,C5,Vi	112
Dyna-Gro	D52SS63	STX	AC,P5V	112	Rob-See-Co	RC6201-3000GT	3000GT	AVC,C5,Vi	112
Dyna-Gro	D54VC52	VT2P	AC,P5V	114	Titan Pro	TP 68-14 SS	STX,B	AC,P5V	114
Four Star	6D60RIB	VT2P,B	AC,P2	111	Titan Pro	TP 71-12 DG2P	VT2P,DG,B	AC,P2	112
Four Star	6D75RIB	VT2P,B	AC,P2	114	Titan Pro	TP 74-12 SS	STX	AC,P5V	112
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111	Wyffels	W7456RIB	VT2P,B	AC,P2	112
FS InVISION	FS 62R44	3000GT	AVC,C5,Vi	112	Wyffels	W7696RIB	VT2P,B	AC,P2	113
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113	Wyffels	W7888RIB	STX,B	AC,P5V	114
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114	Wyffels	W7976RIB	VT2P,B	AC,P2	113
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-9511	STX,B	AC,P5V	111					
Kruger	K4R-9811	STX,B	AC,P5V	111					
Latham	LH6159SSRIB	STX,B	AC,P5V	111					
Latham	LH6175VT2ProRIB	VT2P,B	AC,P2	111					
Latham	LH6224-3120	3120	AVC,C5	112					
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	AC,P2	113					
LG Seeds	LG5606STX	STX	AC,P5V	111					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5624STX	STX	AC,P5V	113					
LG Seeds	LG5643STXRIB	STX,B	AC,P5V	114					
Miller Hybrids	M14-28BRG	3000GT	CM,C2	114					
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-1305^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1306^	OI	MQ,P1V,R	113					
Pfister	2874SSR	STX,B	CM,C5,Vi,In	113					
Pfister	71C1PCR	PC,B	CM,C5,Vi,In	111					
Pfister	72C6SS	STX	CM,C1,Vi,In	112					
Pfister	73A2SSR	STX,B	CM,C5,Vi,In	113					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111					
Pioneer	P1257AMXT GC	AMXT,B	MQ,P1V	112					
Pioneer	P1311AMXT GC	AMXT,B	MQ,C2	113					
Pioneer	P1417AMX GC	AMX,B	MQ,C2	114					
Prairie Brand	6247PWRA	PC,B	CM,C5,Vi,In	112					

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. VPMaxx [®] 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 [®] , VPMaxx [®] 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.