

2017 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] SLATER
Jason Krause, Story County, IA 50244



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

PREV. CROP/HERB: Soybean / Durango, Cadet
SOIL DESCRIPTION: Canisteo clay loam,
SOIL CONDITION: Minimum w/o fall till, very high P, medium K, 5 pH, 2.4% OM, 21.4 CEC
PEST MANAGEMENT: Harness Xtra, Roundup PowerMax, Force
FERTILITY - Applied N: 165 Fall
Applied N-P-K (units): 165-0-0
SEEDING - RATE - ROW: May 6 34,400 /A 30" spacing
HARVESTED - STAND: Nov 9 33,600 /A

Early-Season Test
105 - 110 Day CRM
B2017IAWC14a

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
LG Seeds	LG5530VT2P	VT2P	105	263.2	16.1	1	33.4	785	1
FS InVISION	FS 60LX1 RIB	STX,B	110	257.6	16.5	1	33.4	766	2
NuTech	5N-410	3000GT	110	249.6	16.4	1	32.9	743	3
Renk	RK776SSTX	STX,B	107	249.2	16.7	1	34.4	740	4
Wyffels	W6896	VT2P	110	245.5	16.3	1	33.9	731	5
Latham	LH6045VT2ProRIB	VT2P,B	110	242.9	16.2	5	34.4	724	6
NuTech/G2 Gen	5FB-1010^	AM,B	110	242.1	16.4	2	32.9	720	7
Channel	210-26STXRIB	STX,B	110	241.3	16.5	1	34.4	717	10
NK Brand	NK0760-3111	3111	107	239.9	15.7	2	33.4	718	8
Latham	LH5965VT2ProRIB	VT2P,B	109	239.7	15.6	3	33.4	718	9
FS InVISION	FS 60QV1 RIB	VT2P,B	110	239.7	16.1	2	34.4	715	11
Augusta	A4658GT3110	3110	108	237.8	16.2	1	32.9	709	13
Kruger	KR-4706	VT2P,B	106	237.4	16.1	1	33.4	708	14
Dyna-Gro	D50VC30	VT2P	110	237.3	15.8	1	33.9	710	12
FS InVISION	FS 59VL1 EZR	3220,B	109	235.7	16.4	1	33.9	701	15
LG Seeds	LG5548STXRIB	STX,B	109	235.3	16.4	1	33.9	700	16
Prairie Brand	5646RR	RR2	107	234.5	16.5	1	33.9	697	17
Latham	LH5885VT2ProRIB	VT2P,B	108	234.3	16.4	1	33.4	697	18
Champion	60A18VT2PRO	VT2P	110	232.5	16.2	1	33.4	693	19
Dairyland	DS-9508RA	STX,B	108	231.6	15.9	1	33.4	692	20
Champion	CSX59A16SSRIB	STX,B	109	231.5	16.4	1	33.4	689	21
Titan Pro	TP 66-10 2P	VT2P,B	110	230.0	16.3	1	33.9	685	22
Wyffels	W6946DGRIB	VT2P,DG,B	111	228.1	16.3	1	33.4	679	23
Pioneer	P0825AMXT GC	AMXT,B	108	226.2	15.5	1	33.9	678	25
LG Seeds	LG5565STXRIB	STX,B	108	225.9	16.3	1	33.4	673	26
Channel	208-23STXRIB	STX,B	108	225.6	16.3	1	33.4	672	27
Wyffels	W6198RIB	STX,B	109	225.2	16.0	1	33.9	672	28
Latham	LH5509SSRIB	STX,B	105	222.3	15.5	1	33.9	666	29
Channel	209-53STXRIB	STX,B	109	222.3	16.3	1	32.9	662	30
Pfister	65B1RR	RR2	105	222.0	16.4	1	33.4	660	31
Pioneer	P1197AMXT CK	AMXT,B	111	227.8	16.2	1	32.4	679	24

Averages = **225.2** **16.1** **1** **33.6** **672**

LSD (0.10) = 12.1 0.4 1

LSD (0.25) = 6.4 0.2 0

C.V. = 5.1 Prev. years average yield, 191.4 bu/a, 11 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: *Early maturity products struggled at this site more than later products. Jason, our host farmer, said that small isolated showers throughout the brought limited rainfall and yields reflect this. Plants in the early-season test were short with slender stalks and stubby girthy ears. Later hybrids were taller with thick stalks and long slender ears. At harvest, 16+ mph winds broke plants just below the ear.*

† 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: 11/12/2017 Revised: 11/13/2017 Updated applied fertilizer and pesticides

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PEST MANAGEMENT: *Harness Xtra, Roundup PowerMax, Force*
FERTILITY - Applied N: 165 Fall
Applied N-P-K (units): 165-0-0
SEEDING - RATE - ROW: May 6 34,400 /A 30" spacing
HARVESTED - STAND: Nov 9 33,600 /A

Full-Season Test
111 - 114 Day CRM
B2017IAWC14b

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
NuTech/G2 Gen	5F-713^	AM,B	113	268.4	17.4	1	33.4	792	1
Kruger	K4R-9111	STX,B	111	258.7	17.7	1	32.9	761	2
Golden Harvest	G12J11-3111A	3111,A	112	255.5	17.2	1	34.4	755	3
Titan Pro	TP 71-12 DG2P	VT2P,DG,B	112	255.4	17.2	1	33.4	755	4
FS InVISION	FS 63ZX1 RIB	STX,B	113	252.7	17.3	1	33.9	746	5
LG Seeds	LG5643STXRIB	STX,B	114	251.9	16.9	1	33.4	746	6
Wyffels	W7696RIB	VT2P,B	113	250.4	17.8	3	32.9	736	7
Prairie Brand	6247PWRA	PC,B	112	249.9	17.7	2	33.4	735	8
Dyna-Gro	D54VC52	VT2P	114	249.0	18.3	4	33.9	729	11
FS InVISION	FS 62R44	3000GT	112	248.8	18.1	1	33.4	730	10
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	113	247.9	17.8	1	33.9	729	12
Champion	62A18VT2PRO	VT2P	112	247.3	17.2	1	33.9	731	9
Channel	213-19STXRIB	STX,B	113	245.5	17.4	1	33.9	724	14
Pioneer	P1417AMX GC	AMX,B	114	245.0	17.6	1	32.9	722	15
FS InVISION	FS 64SX1 RIB	STX,B	114	244.6	18.3	2	33.9	716	20
Titan Pro	TP 74-12 SS	STX	112	244.1	16.6	2	33.4	725	13
LG Seeds	LG5618STXRIB	STX,B	112	243.7	17.3	1	33.9	720	17
Wyffels	W7976RIB	VT2P,B	113	243.5	16.9	1	34.4	721	16
Kruger	K4R-9811	STX,B	111	243.5	17.4	1	33.9	718	18
Pfister	71C1PCR	PC,B	111	243.4	17.6	1	33.9	717	19
NuTech/G2 Gen	X5FN-1305^	OI	113	242.6	17.5	1	33.4	715	23
Pfister	73A2SSR	STX,B	113	242.2	17.2	1	32.9	716	21
Four Star	6D75RIB	VT2P,B	114	241.9	18.1	1	33.4	709	26
FS InVISION	FS 61SX1 RIB	STX,B	111	241.6	17.0	1	32.4	715	24
Channel	214-45STXRIB	STX,B	114	240.5	17.6	2	32.9	708	28
Golden Harvest	G11F16-3111A	3111,A	111	240.4	16.3	1	33.9	716	22
Renk	RK859DGV2P	VT2P,DG	112	239.4	16.9	1	33.4	709	27
Dyna-Gro	D52SS63	STX	112	239.3	16.8	2	33.4	710	25
NuTech/G2 Gen	X5FN-1306^	OI	113	238.6	16.9	1	33.9	707	29
LG Seeds	LG5606STX	STX	111	238.4	17.2	4	34.4	704	30
Pioneer	P1197AMXT CK	AMXT,B	111	228.9	15.7	1	34.4	685	37

Averages = **235.8** **17.3** **1** **33.6** **696**

LSD (0.10) = 12.0 0.2 1

LSD (0.25) = 6.3 0.1 1

C.V. = 4.8 Prev. years average yield, 191.4 bu/a, 11 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. 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.