

2016 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, Cobra
SOIL DESCRIPTION: Clarion loam, well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, mod. high P, mod. high K, 6.4 pH, 3.5% OM
PEST MANAGEMENT: Harness Xtra, Roundup PowerMax, Force
FERTILITY - Applied N: 165 Spring
Applied N-P-K (units): 165-0-0
SEEDING - RATE - ROW: Apr 26 34,000 /A 30" spacing
HARVESTED - STAND: Oct 16 33,000 /A

Early-Season Test
105 - 110 Day CRM
B2016IAWC14a

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
Kruger	K4R-9608	STX,B	108	233.0	17.7	1	31.9	673	1
Pfister	68A1VX	HXT,RR2	108	228.9	18.2	1	33.9	657	2
NuTech	5N-607	3000GT	107	226.9	18.1	1	33.9	652	3
NuTech/G2 Gen	5F-510^	AM,B	110	225.5	18.8	1	33.9	643	8
Pioneer	P0825AMXT	AMXT,B	108	225.4	18.3	1	35.8	646	5
Titan Pro	TP 56-06 3110	3110	106	224.5	17.8	1	30.9	648	4
Wyffels	W6946DGRIB	VT2P,DG,B	111	223.9	18.6	1	33.9	640	9
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	223.8	18.0	1	29.9	644	6
Latham	LH5965VT2Pro	VT2P	109	223.1	17.8	1	30.9	644	7
Kruger	K4R-9708	STX,B	108	222.3	18.1	1	33.9	639	11
Becks	6076V2P	VT2P,B	110	222.2	18.0	1	33.9	640	10
NuTech/G2 Gen	5F-906^	AM,B	106	221.9	18.1	1	34.8	638	13
Titan Pro	TP 59-08 SS	STX,B	108	221.5	17.8	1	33.9	639	12
Titan Pro	TP 58-10 SS	STX,B	110	221.0	18.3	1	32.9	634	14
Jacobsen Seed	JS9306SSRIB	STX,B	106	220.5	18.3	1	29.9	632	15
Latham	LH6045VT2ProRIB	VT2P,B	110	219.9	18.2	1	32.9	631	16
Curry	729-96AM	AM,B	109	219.6	18.1	1	34.8	631	17
LG Seeds	LG5554-3111	3111	108	219.6	18.3	1	31.9	630	19
Kruger	K4R-9409	STX,B	109	219.5	18.7	1	34.8	626	22
Becks	5828AM^	AM,AQ,B	110	219.4	18.3	1	32.9	629	20
Dyna-Gro	D49VC39RIB	VT2P,B	109	218.9	18.3	1	32.9	628	21
FS InVISION	FS 57TX1	STX	107	218.3	17.7	1	32.9	631	18
Latham	LH5885VT2ProRIB	VT2P,B	108	217.1	18.5	1	31.9	621	24
Augusta	A1108VT2ProRIB	VT2P,B	108	216.7	18.4	1	31.9	621	25
FS InVISION	FS 60QV1 RIB	VT2P,B	110	215.8	18.5	1	30.9	617	27
Titan Pro	TP 66-10 2P	VT2P,B	110	215.7	17.9	1	30.9	622	23
NuTech	X5V-0707	3111	107	215.1	17.9	1	32.9	620	26
Champion	CSX56A13VT2ProRIB	VT2P,B	106	212.3	17.8	1	31.9	613	29
Wyffels	W4796RIB	VT2P,B	106	211.9	17.4	1	33.9	615	28
Jacobsen Seed	JS7503VT2PRORIB	VT2P,B	110	210.9	17.3	1	34.4	613	30
Pioneer	P1197AMXT CK	AMXT,B	111	203.3	18.6	1	34.8	581	56

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

Averages =	213.3	18.1	1	33.0	613
LSD (0.10) =	14.0	0.5	ns		
LSD (0.25) =	9.8	0.4	ns		
C.V. =	4.9	Prev. years average yield, 192.5 bu/a, 10 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.037 Prices: GMO = \$2.99; non-GMO = \$2.99

Test Comments: This was an outstanding looking plot that delivered very consistent yield results. May and June rainfall was slightly below normal but above normal rain returned July through September. Tall plants were standing strong with no stalk or root lodging noted. Well pollinated ears that pointed downward with strong shanks were filled with deep kernels. Leaf diseases were minimal. No weed escapes.

† 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: 10/18/2016 Revised:

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PEST MANAGEMENT: Harness Xtra, Roundup PowerMax, Force
FERTILITY - Applied N: 165 Spring
Applied N-P-K (units): 165-0-0
SEEDING - RATE - ROW: Apr 26 34,000 /A 30" spacing
HARVESTED - STAND: Oct 16 33,300 /A

Full-Season Test
111 - 114 Day CRM
B2016IAWC14b

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
Wyffels	W7888RIB	STX,B	114	251.2	19.2	1	34.8	712	1
Titan Pro	TP 55-11 2P	VT2P,B	111	247.5	18.3	1	29.9	710	2
Wyffels	W7456RIB	VT2P,B	112	247.0	19.1	1	32.9	701	4
LG Seeds	LG5618STXRIB	STX,B	112	245.0	19.1	1	34.8	695	5
Jacobsen Seed	JS7748VT2PRO	VT2P	114	242.2	19.5	1	34.8	684	8
Wyffels	W8266	VT2P	114	242.1	17.4	1	34.8	702	3
Latham	LH6175VT2ProRIB	VT2P,B	111	239.6	18.3	1	32.9	687	6
Kruger	KR-4313	VT2P,B	113	238.7	18.3	1	34.8	685	7
FS InVISION	FS 63ZX1 RIB	STX,B	113	238.3	19.2	1	34.8	675	9
Pfister	2770RASS	STX,B	113	237.7	20.0	1	31.9	667	15
Renk	RK924DGV2P	VT2P,DG,B	114	236.4	19.1	1	31.9	671	11
Stine	R9732VT3Pro GC	VT3P,B	111	235.0	18.8	1	33.9	670	12
Champion	CSX61A17DGV2Pro	VT2P,DG	111	234.7	18.2	1	31.9	674	10
Becks	6165AM^	AM,B	111	233.2	18.5	1	32.9	667	16
Renk	RK941SSTX	STX,B	114	233.0	18.6	1	35.8	666	18
Renk	RK871VT2P	VT2P,B	111	232.8	18.2	1	33.9	669	14
Titan Pro	TP 57-13 SS	STX,B	113	232.3	18.7	1	34.8	663	20
Pfister	3366RASS	STX,B	112	232.2	18.6	1	31.9	663	21
Pfister	71C1VX	HXT,RR2	111	232.0	17.8	1	31.9	670	13
NuTech/G2 Gen	5F-311^	AM,AQ,B	111	231.9	18.5	1	33.9	663	22
Prairie Brand	6305RA	STX,B	113	231.3	18.5	1	35.8	662	23
Champion	CSX63A17DGV2Pro	VT2P,DG	113	230.0	17.4	1	35.8	667	17
Jacobsen Seed	JS7611VT2PRO	VT2P	112	229.9	17.5	1	31.9	666	19
Kruger	K4R-9913	STX,B	113	229.3	17.9	1	31.9	661	24
Kruger	K4R-9811	STX,B	111	228.4	18.9	1	33.9	650	27
Latham	EX6425VT2Pro	VT2P	114	227.9	18.3	1	31.9	654	25
NuTech/G2 Gen	5F-811^	AM,B	111	227.7	19.5	1	32.9	643	30
Prairie Brand	6247SX	STX	112	225.9	17.8	1	32.9	652	26
FS InVISION	FS 61SX1 RIB	STX,B	111	225.5	18.3	1	33.9	647	28
LG Seeds	LG5607VT2PRIB	VT2P,B	111	222.3	17.5	1	32.9	644	29
Pioneer	P1197AMXT CK	AMXT,B	111	207.4	18.2	1	30.9	596	54

Averages = **224.4** **18.6** **1** **33.3** **641**

LSD (0.10) = 14.0 0.5 ns

LSD (0.25) = 9.7 0.4 ns

C.V. = 4.6 Prev. years average yield, 192.5 bu/a, 10 yrs

Randy Meinsma

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.037 Prices: GMO = \$2.99; non-GMO = \$2.99

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2016 Corn Grain - Iowa West Central [IAWC]



Early-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108	Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	108
Augusta	A4658GT3110	3110	AC,P2	108	Prairie Brand	5825RA	STX,B	CM,C5,Vi,In	108
Becks	5828AM^	AM,AQ,B	Es	110	Prairie Brand	6056SX	STX	CM,C5,Vi,In	110
Becks	5883SX	STX	Es	108	Renk	6-798VT2P	VT2P,B	AC,P2	109
Becks	6076V2P	VT2P,B	Es	110	Renk	RK776SSTX	STX,B	AC,P5V	107
Champion	CSX56A13VT2ProRIB	VT2P,B	AC,P2	106	Renk	RK792SSTX	STX	AC,P5V	108
Champion	CSX57A16VT2ProRIB	VT2P,B	AC,P2	107	Renk	RK810SSTX	STX,B	AC,P5V	110
Champion	CSX57A17SSRIB	STX,B	CM,C2	107	Titan Pro	TP 56-06 3110	3110	CM,C2	106
Champion	CSX59A16SSRIB	STX,B	AC,P2V	109	Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110
Curry	729-96AM	AM,B	MQ,P5V,R	109	Titan Pro	TP 59-08 SS	STX,B	AC,P5V	108
Curry	826-64AMX	AMX,B	MQ,P5V,R	106	Titan Pro	TP 66-10 2P	VT2P,B	AC,P2	110
Curry	XC-1605YHR	OI	MQ,P1V,R	105	Wyffels	W4796RIB	VT2P,B	AC,P2	106
Dyna-Gro	D49VC39RIB	VT2P,B	AC,P2	109	Wyffels	W5448RIB	STX,B	AC,P5V	108
FS InVISION	FS 57TX1	STX	AC,P5V	107	Wyffels	W6198	STX	AC,P5V	109
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108	Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111
FS InVISION	FS 60LX1	STX	AC,P5V	110					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
Jacobsen Seed	JS7503VT2PRORIB	VT2P,B	AC,P5V	110					
Jacobsen Seed	JS9306SSRIB	STX,B	AC,P5V	106					
Kruger	K4R-9305	STX,B	AC,P5V	105					
Kruger	K4R-9409	STX,B	AC,P5V	109					
Kruger	K4R-9608	STX,B	AC,P5V	108					
Kruger	K4R-9708	STX,B	AC,P5V	108					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
Latham	LH5885VT2ProRIB	VT2P,B	AC,P2	108					
Latham	LH5965VT2Pro	VT2P	AC,P5V	109					
Latham	LH6045VT2ProRIB	VT2P,B	AC,P2	110					
LG Seeds	LG5520STX	STX	AC,P5V	105					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5554-3111	3111	AVC,C5,Vi	108					
Mycogen	2V709 GC	STX,B	CM,C2	110					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
NuTech	5N-607	3000GT	MQ,P5V,R	107					
NuTech	X5V-0707	3111	AVC,C2,Vi	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	5F-906^	AM,B	MQ,P5V,R	106					
Pfister	2545RASS	STX,B	CM,C5,Vi,In	107					
Pfister	68A1VX	HXT,RR2	CM,C5,Vi,In	108					
Pfister	69B1VX	HXT,RR2	CM,C1,Vi,In	109					
Pfister	70A1SSR	STX	CM,C1,Vi,In	110					
Pioneer	P0825AMXT	AMXT,B	MQ,P1V	108					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111					
Prairie Brand	5646SX	STX	CM,C5,Vi,In	106					

2016 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
Augusta	A1565GTCBLL	GT/CB/LL	AVC,C5	115	Prairie Brand	6247SX	STX	CM,C1,Vi,In	112
Augusta	A5664GT3000	3000GT	CM,C1	114	Prairie Brand	6305RA	STX,B	CM,C5,Vi,In	113
Becks	6165AM^	AM,B	Es	111	Renk	RK871VT2P	VT2P,B	AC,P2	111
Becks	6365AM^	AM,B	Es	113	Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114
Champion	CSX61A17DGV2Pro	VT2P,DG	AC,P2	111	Renk	RK935SSTX	STX,B	AC,P5V	114
Champion	CSX62A16VT2ProRIB	VT2P,B	AC,P2	112	Renk	RK941SSTX	STX,B	AC,P5V	114
Champion	CSX63A17DGV2Pro	VT2P,DG	AC,P2	113	Stine	R9732VT3Pro GC	VT3P,B	AC,P2	111
Champion	CSX64A15DGV2ProRIB	VT2P,DG,B	AC,P2	114	Titan Pro	TP 55-11 2P	VT2P,B	AC,P2	111
Curry	732-99AM	AM,B	MQ,P5V,R	112	Titan Pro	TP 56-14 2P	VT2P,B	AC,P2	114
Dyna-Gro	D51SS54	STX	AC,P5V	111	Titan Pro	TP 57-13 SS	STX,B	AC,P5V	113
Dyna-Gro	D54VC52	VT2P	AC,P5V	114	Titan Pro	TP 68-14 SS	STX	AC,P5V	114
Epley	E2305RR	RR2	MQ	113	Wyffels	W7456RIB	VT2P,B	AC,P2	112
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111	Wyffels	W7696RIB	VT2P,B	AC,P2	113
FS InVISION	FS 62VX1	STX	AC,P5V	112	Wyffels	W7888RIB	STX,B	AC,P5V	114
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113	Wyffels	W8266	VT2P	AC,P2	114
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114					
Jacobsen Seed	JS5706DGV2P	VT2P,DG,B	AC,P5V	114					
Jacobsen Seed	JS7611VT2PRO	VT2P	AC,P5V	112					
Jacobsen Seed	JS7668VT2PRORIB	VT2P,B	AC,P5V	112					
Jacobsen Seed	JS7748VT2PRO	VT2P	AC,P5V	114					
Kruger	K4R-9511	STX,B	AC,P5V	111					
Kruger	K4R-9811	STX,B	AC,P5V	111					
Kruger	K4R-9913	STX,B	AC,P5V	113					
Kruger	KR-4313	VT2P,B	AC,P5V	113					
Latham	EX6425VT2Pro	VT2P	AC,P5V	114					
Latham	LH6159SSRIB	STX,B	AC,P5V	111					
Latham	LH6175VT2ProRIB	VT2P,B	AC,P2	111					
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	AC,P2	113					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5643STX	STX	AC,P5V	114					
LG Seeds	LG5650STX	STX	AC,P5V	114					
Mycogen	2C799 GC	STX,B	CM,C2	113					
NuTech	5N-914	3000GT	MQ,P5V,R	114					
NuTech/G2 Gen	5F-311^	AM,AQ,B	MQ,P5V,R	111					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	5F-811^	AM,B	MQ,P5V,R	111					
Pfister	2770RASS	STX,B	CM,C5,Vi,In	113					
Pfister	3366RASS	STX,B	CM,C5,Vi,In	112					
Pfister	71C1VX	HXT,RR2	CM,C1,Vi,In	111					
Pfister	73A2SS	STX	CM,C1,Vi,In	113					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111					
Pioneer	P1257AMXT GC	AMXT,B	MQ,P1V	112					
Pioneer	P1417AMX GC	AMX,B	MQ,P1V	114					
Prairie Brand	6097SX	STX	AC,P5V	110					

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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	Accelaron® fungicide products	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	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

** Seed treatments may include unspecified plant health promoting components.