

2016 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: Judson-Marshall silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: No-till, high P, high K, 6.3 pH, 4.1% OM
 PEST MANAGEMENT: Armezon Pro, atrazine, Force
 FERTILITY - Applied N: 190 Fall
 Applied N-P-K (units): 190-0-0
 SEEDING - RATE - ROW: Apr 17 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 5 33,300 /A

Early-Season Test
105 - 110 Day CRM
 B2016IAWC13a

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
Curry	729-96AM	AM,B	109	259.8	15.1	1	33.9	776	1
NuTech/G2 Gen	5F-906^	AM,B	106	253.9	14.9	1	34.4	759	3
Latham	LH5885VT2ProRIB	VT2P,B	108	251.6	15.0	1	34.4	752	4
Prairie Brand	5646SX	STX	106	250.3	14.9	1	31.4	748	5
NuTech	X5V-0707	3111	107	248.7	14.8	1	35.8	744	6
Wyffels	W6946DGRIB	VT2P,DG,B	111	246.9	15.0	1	32.9	738	7
NuTech/G2 Gen	5F-308^	AM,B	108	245.2	15.2	1	34.4	731	8
Titan Pro	TP 66-10 2P	VT2P,B	110	244.7	15.1	1	34.8	731	9
Pfister	69B1VX	HXT,RR2	109	244.5	15.1	1	33.9	730	10
Curry	826-64AMX	AMX,B	106	243.9	15.1	1	33.4	728	11
NuTech/G2 Gen	5F-510^	AM,B	110	243.7	15.1	1	34.8	728	12
Pioneer	P0825AMXT	AMXT,B	108	243.3	14.8	1	33.4	727	13
Augusta	A1108VT2ProRIB	VT2P,B	108	242.2	15.0	1	33.9	724	14
FS InVISION	FS 58QX1 RIB	STX,B	108	241.6	14.9	1	34.4	722	15
Champion	CSX57A17SSRIB	STX,B	107	238.5	15.2	1	33.4	711	16
Latham	LH5965VT2Pro	VT2P	109	238.0	15.1	1	31.9	711	17
Renk	RK776SSTX	STX,B	107	237.1	15.3	1	32.9	706	18
Mycogen	2V709 GC	STX,B	110	236.2	14.9	1	32.4	706	19
Becks	5883SX	STX	108	235.5	15.1	1	33.4	703	20
FS InVISION	FS 60QV1 RIB	VT2P,B	110	234.7	15.1	1	31.4	701	21
Titan Pro	TP 58-10 SS	STX,B	110	233.9	15.2	1	32.4	698	23
LG Seeds	LG5548STXRIB	STX,B	108	233.8	15.0	1	34.4	699	22
LG Seeds	LG5554-3111	3111	108	233.0	14.9	1	33.9	697	24
Dyna-Gro	D49VC39RIB	VT2P,B	109	232.8	14.9	1	34.8	696	25
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	232.0	15.3	1	32.4	691	26
Titan Pro	TP 56-06 3110	3110	106	231.1	14.9	1	32.4	691	27
Renk	RK792SSTX	STX	108	228.3	15.2	1	33.4	681	29
Titan Pro	TP 59-08 SS	STX,B	108	228.0	15.0	1	31.9	682	28
Renk	6-798VT2P	VT2P,B	109	227.6	15.1	1	32.9	680	30
NuTech	5N-410	3000GT	110	227.5	14.8	1	34.4	680	31
Pioneer	P1197AMXT CK	AMXT,B	111	255.5	14.8	1	32.9	764	2

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

Averages =	225.8	15.0	1	33.3	674
LSD (0.10) =	22.8	ns	ns		
LSD (0.25) =	15.9	ns	ns		
C.V. =	7.5	Prev. years average yield, 197.6 bu/a, 5 yrs			

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

Test Comments: *Foliar diseases were greater, ears were shorter with smaller diameter and incomplete kernel sets in the early-season test vs. the full-season test. Some ear/cob rot was noted in the early test too. Full-season plants stood well at harvest. Mark Bentley, our host grower, mentioned that his early corn was inferior to fuller season hybrids and area yields exceed grain storage capacity, delaying harvest.*

† 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, 6.3 pH, 4.1% OM
 PEST MANAGEMENT: Armezon Pro, atrazine, Force
 FERTILITY - Applied N: 190 Fall
 Applied N-P-K (units): 190-0-0
 SEEDING - RATE - ROW: Apr 17 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 5 33,700 /A

Full-Season Test
111 - 114 Day CRM
 B2016IAWC13b

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
Jacobsen Seed	JS5706DGVT2P	VT2P,DG,B	114	277.4	15.0	1	31.9	829	1
Wyffels	W7696RIB	VT2P,B	113	276.1	15.0	1	33.9	826	2
Kruger	K4R-9913	STX,B	113	274.2	15.0	1	35.8	820	3
Champion	CSX64A15DGVT2ProRIB	VT2P,DG,B	114	270.1	14.9	1	32.9	808	4
Pfister	2770RASS	STX,B	113	267.9	14.9	1	34.8	801	5
Wyffels	W7456RIB	VT2P,B	112	266.4	15.5	1	35.8	792	7
Jacobsen Seed	JS7748VT2PRO	VT2P	114	266.0	15.5	1	33.9	790	9
Curry	732-99AM	AM,B	112	265.5	14.9	1	32.9	794	6
NuTech/G2 Gen	5F-713^	AM,B	113	264.4	14.9	1	34.8	791	8
Becks	6365AM^	AM,B	113	258.5	14.9	1	32.9	773	10
Titan Pro	TP 68-14 SS	STX	114	257.9	15.4	1	33.9	767	12
Augusta	A1565GTCBLL	GT/CB/LL	115	256.5	15.4	1	30.9	763	14
LG Seeds	LG5643STX	STX	114	256.2	15.2	1	30.9	764	13
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	113	253.8	15.1	1	32.9	758	15
Renk	RK924DGVT2P	VT2P,DG,B	114	252.1	15.0	1	34.8	754	16
Champion	CSX62A16VT2ProRIB	VT2P,B	112	250.8	15.0	1	34.8	750	17
Renk	RK935SSTX	STX,B	114	250.7	15.2	1	32.9	748	18
FS InVISION	FS 64SX1 RIB	STX,B	114	249.6	15.1	2	35.8	745	19
LG Seeds	LG5650STX	STX	114	249.5	15.4	1	34.8	742	21
Wyffels	W8266	VT2P	114	249.0	15.0	1	33.9	745	20
LG Seeds	LG5618STXRIB	STX,B	112	247.2	15.2	1	33.9	737	22
Becks	6165AM^	AM,B	111	246.1	15.0	1	34.4	736	23
Pfister	71C1VX	HXT,RR2	111	245.2	14.7	1	32.9	733	24
Kruger	K4R-9511	STX,B	111	245.0	14.9	1	34.8	733	25
Jacobsen Seed	JS7611VT2PRO	VT2P	112	244.1	14.9	1	34.8	730	26
FS InVISION	FS 62VX1	STX	112	243.8	15.2	1	32.9	727	27
Kruger	K4R-9811	STX,B	111	243.4	15.1	1	32.9	727	28
FS InVISION	FS 63ZX1 RIB	STX,B	113	243.4	15.4	1	32.9	724	29
Champion	CSX63A17DGVT2Pro	VT2P,DG	113	242.0	14.7	1	35.8	724	30
Latham	LH6175VT2ProRIB	VT2P,B	111	241.9	15.0	1	32.9	723	31
Pioneer	P1197AMXT CK	AMXT,B	111	257.3	14.8	1	32.9	769	11

Averages = **242.2** **15.0** **1** **33.7** **723**

LSD (0.10) = 18.3 0.3 ns

LSD (0.25) = 12.8 0.2 ns

C.V. = 5.6 Prev. years average yield, 197.6 bu/a, 5 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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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					
Dyna-Gro	D49VC39RIB	VT2P,B	AC,P2	109					
FS InVISION	FS 57TX1	STX	AC,P5V	107					
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108					
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 Boreer	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.