

2015 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, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: High P, high K, 6.4 pH, 4% OM
 PEST MANAGEMENT: Roundup, Force
 FERTILITY - Applied N: 135 Fall, 45 Spring
 Applied N-P-K (units): 180-0-0
 SEEDED - RATE - ROW: May 22 34,200 /A 30" spacing
 HARVESTED - STAND: Oct 22 33,900 /A

Early-Season Test
105 - 110 Day CRM
 B2015IAWC13a

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
Pfister	X12546S2R4	STX,B	107	260.9	15.0	1	32.9	965	1
Kruger	K4R-9511	STX,B	111	246.4	14.1	1	34.8	912	2
Pfister	2565SS	STX,B	108	244.5	13.6	2	33.9	905	3
Latham	LH5715VT2ProRIB	VT2P,B	107	243.4	13.6	9	35.8	901	4
Champion	CSX57A16VT2Pro	VT2P	107	243.1	14.0	13	35.8	899	5
Jacobsen Seed	JS9468SSRIB	STX,B	108	241.0	14.8	4	34.8	892	6
Renk	RK776SSTX	STX,B	107	234.7	14.8	5	34.8	868	7
Latham	LH5939SS	STX	109	234.1	13.2	1	32.9	866	8
Channel	209-53STXRIB	STX,B	109	234.1	14.0	1	33.9	866	9
LG Seeds	LG5565STXRIB	STX,B	108	234.0	14.0	2	34.8	866	10
Champion	CSX59A16SSRIB	STX,B	109	233.7	13.7	2	34.8	865	11
Champion	CSX58A13VT2ProRIB	VT2P,B	108	232.6	13.9	6	31.9	861	12
Great Lakes	5918STXRIB	STX,B	109	232.5	13.3	2	30.9	860	14
NuTech	5N-607	3000GT	107	231.9	14.4	2	33.9	858	15
Pfister	67A1	HXT,RR2	107	231.1	13.0	2	32.9	855	16
Augusta	A4959GT3110	3110	109	230.9	13.5	2	35.8	854	17
Renk	RK810SSTX	STX	109	230.5	13.8	4	35.8	853	18
Prairie Brand	5646SX	STX	106	229.9	14.1	13	33.9	851	19
Beck	XL 5828AMX^	AMX,AQ,B	110	229.4	13.9	7	33.9	849	20
LG Seeds	LG5548STXRIB	STX,B	109	229.3	14.0	2	33.9	848	21
Prairie Brand	6056SX	STX	110	228.6	14.5	1	31.9	846	22
Titan Pro	2M08-2P	VT2P,B	108	228.4	14.1	10	33.9	845	23
Renk	RK752SSTX	STX,B	108	228.1	13.0	2	31.9	844	24
Titan Pro	TP 59-08 SS	STX	108	228.0	13.6	7	31.9	844	25
Latham	LH6045VT2ProRIB	VT2P,B	110	226.6	14.1	18	33.9	838	26
Prairie Brand	5815RA	STX,B	107	225.8	13.5	2	32.9	835	27
Augusta	A4658GT3110	3110	108	225.7	13.7	7	35.8	835	28
NuTech/G2 Gen	5Z-308^	OI	108	225.6	13.8	1	33.9	835	29
Kruger	K4R-9708	STX,B	108	223.4	13.6	4	34.8	827	30
Champion	CSX60A13VT2ProRIB	VT2P,B	110	223.2	13.8	1	30.9	826	31
Pioneer	P1197CHR CK	OT	111	232.5	13.7	1	32.9	860	13
Averages =				222.1	13.7	4	33.9	822	
LSD (0.10) =				17.2	0.3	8			
LSD (0.25) =				12.0	0.2	6			
C.V. =				5.7	1.6				

Randy Meinsma
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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.70; non-GMO = \$3.70

Test Comments: Last year, this area received a strong storm that destroyed our tests. The area caught a break this year, harvesting very good yields. Plants were tall with high ear placement and weak ear shanks on most hybrids. Stalk quality was deteriorating, snapping just below the ear, noted in lodging scores. Leaf blight was present. Ears were well pollinated with strong cobs and dry grain making easy shelling.

† 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: High P, high K, 6.4 pH, 4% OM
 PEST MANAGEMENT: Roundup, Force
 FERTILITY - Applied N: 135 Fall, 45 Spring
 Applied N-P-K (units): 180-0-0
 SEEDED - RATE - ROW: May 22 34,200 /A 30" spacing
 HARVESTED - STAND: Oct 22 34,100 /A

Full-Season Test
111 - 114 Day CRM
 B2015IAWC13b

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	W7158RIB	STX,B	111	263.8	15.3	25	33.9	974	1
Golden Harvest	G14V04-3010	3010	114	259.3	15.4	28	33.9	957	2
Prairie Brand	x1571SX	STX	113	254.2	15.8	2	32.9	935	3
Augusta	A4564GENSS	STX	114	252.7	15.0	28	32.9	935	4
Pioneer	P1023AMX GC	AMX,B	110	252.5	15.8	51	35.8	929	5
Beck	XL 6165^	OIX	111	248.9	15.0	6	34.8	921	6
NuTech	5N-914	3000GT	114	248.9	15.9	7	31.9	915	8
Curry	732-99AM	AM,B	112	248.6	14.5	1	33.9	920	7
LG Seeds	LG5622STXRIB	STX,B	113	246.2	16.0	12	33.9	905	9
Pioneer	P1142AMX GC	AMX,B	111	244.5	15.2	28	33.9	903	11
Jacobsen Seed	JS7668VT2PRO	VT2P	112	244.2	14.7	17	35.8	904	10
Titan Pro	TP 55-11 2P	VT2P	111	241.4	14.7	2	34.8	893	12
Wyffels	W7888RIB	STX,B	114	240.5	14.4	4	31.9	890	13
Augusta	A5664GT3000	3000GT	114	240.3	15.1	4	34.8	889	14
Pfister	3366RA	STX,B	112	239.8	15.4	2	29.9	885	15
Beck	6347VR	3110	113	239.3	14.9	12	32.9	885	16
Renk	RK941SSTX	STX,B	114	239.0	15.9	5	33.9	879	17
Golden Harvest	G11K47-3010 GC	3010	111	237.5	15.5	2	34.8	876	19
NuTech/G2 Gen	5F-811AM^	AM,B	111	237.5	15.5	5	34.8	876	20
Pfister	X14677S2	STX	112	237.3	15.7	5	32.9	874	21
Dyna-Gro	CX15115	VT2P	115	235.7	14.9	1	33.9	872	22
Champion	CSX63A16VT2Pro	VT2P	113	234.8	15.1	5	33.9	868	23
Beck	XL 6365AM^	AM,B	113	234.5	14.8	11	32.9	868	24
Champion	CSX64A15VT2Pro	VT2P	114	234.5	15.1	1	33.9	867	25
Champion	CSX62A13SSRIB	STX,B	112	234.1	14.3	28	33.9	866	26
Champion	CSX62A16SS	STX	112	233.4	14.8	25	32.9	864	27
Dyna-Gro	D52SS91	STX	112	233.4	15.3	22	33.9	862	28
Kruger	K4R-9512	STX,B	112	232.7	15.0	28	34.8	861	29
LG Seeds	LG5612STXRIB	STX,B	112	232.0	15.7	29	35.8	854	30
Renk	RK871VT2P	VT2P	111	230.9	15.3	9	34.8	853	31
Pioneer	P1197CHR CK	OT	111	236.9	13.9	3	34.8	877	18
Averages =				228.1	15.2	12	34.1	842	
LSD (0.10) =				15.4	1.1	30			
LSD (0.25) =				10.7	0.8	21			
C.V. =				5.0	5.3				

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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	A4658GT3110	3110	AC,P2	108	Prairie Brand	5646SX	STX	CM,C5,Vi,In	106
Augusta	A4959GT3110	3110	AVC,C5	109	Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	107
Beck	XL 5665^	OIX	Es,P1V	106	Prairie Brand	6056SX	STX	CM,C5,Vi,In	110
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	Renk	RK752SSTX	STX,B	AC,P5V	108
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	Renk	RK776SSTX	STX,B	AC,P5V	107
Champion	CSX57A16VT2Pro	VT2P	CM,C2	107	Renk	RK791SSTX	STX,B	AC,P5V	108
Champion	CSX58A13VT2ProRIB	VT2P,B	CM,C2	108	Renk	RK810SSTX	STX	AC,P5V	109
Champion	CSX59A16SSRIB	STX,B	CM,C2	109	Titan Pro	2M08-2P	VT2P,B	AC,P2	108
Champion	CSX60A13VT2ProRIB	VT2P,B	CM,C2	110	Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105
Channel	209-53STXRIB	STX,B	AC,P5V	109	Titan Pro	TP 56-06 3110	3110	AVC,C5	106
Curry	729-96AM	AM,B	MQ,P5V,R	109	Titan Pro	TP 59-08 SS	STX	AC,P5V	108
Curry	XC-1506	OI	MQ,P1V,R	106	Wyffels	W4968RIB	STX,B	AC,P5V	107
Dyna-Gro	D50SS43	STX	AC,P5V	111	Wyffels	W5138RIB	STX,B	AC,P5V	108
Epley	E1625RR	RR2	MQ	106	Wyffels	W6818	STX	AC,P5V	110
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	Wyffels	W7246	VT2P	AC,P5V	111
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
Great Lakes	5918STXRIB	STX,B	AC,P5V	109					
Jacobsen Seed	JS9306SSRIB	STX,B	AC,P5V	106					
Jacobsen Seed	JS9468SSRIB	STX,B	AC,P5V	108					
Kruger	K4R-9511	STX,B	AC,P5V	111					
Kruger	K4R-9708	STX,B	AC,P5V	108					
Kruger	K4R-9910	STX,B	AC,P5V	110					
Kruger	K4R-9911	STX,B	AC,P5V	111					
Latham	LH5715VT2ProRIB	VT2P,B	AC,P2	107					
Latham	LH5939SS	STX	AC,P5V	109					
Latham	LH5947VT3ProRIB	VT3P,B	AC,P2	109					
Latham	LH6045VT2ProRIB	VT2P,B	AC,P2	110					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5603STXRIB	STX,B	AC,P5V	111					
NuTech	5N-410	3000GT	MQ,P5V	110					
NuTech	5N-607	3000GT	MQ,P5V	107					
NuTech/G2 Gen	5F-709^	AM,B	MQ,P5V	109					
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106					
NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108					
NuTech/G2 Gen	5Z-906^	OI	MQ,P1V	106					
Pfister	2447RA	STX,B	CM,C5,Vi,In	106					
Pfister	2565SS	STX,B	CM,C5,Vi,In	108					
Pfister	67A1	HXT,RR2	CM,C5,Vi,In	107					
Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107					
Pioneer	P0533AM1 GC	AM1,B	MQ,C2	105					
Pioneer	P0589AM GC	AM,AQ,B	MQ,C2,R,Lu	105					
Pioneer	P1197CHR CK	OT	MQ,C2	111					

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Full-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A4564GENSS	STX	AC,P5V	114	Pioneer	P1197CHR CK	OT	MQ,C2	111
Augusta	A5565VT2Pro	VT2P	CM,C1	115	Pioneer	P1311AMXT GC	AMXT,B	MQ,C2	113
Augusta	A5664GT3000	3000GT	CM,C1	114	Prairie Brand	6305RA	STX,B	CM,C5,Vi,In	113
Beck	6347VR	3110	Es,P1V	113	Prairie Brand	R2362RRHXT	HXT,RR2	CM,C5,Vi,In	112
Beck	XL 6165^	OIX	Es,P1V	111	Prairie Brand	x1571SX	STX	AC,P5V	113
Beck	XL 6365AM^	AM,B	Es,P1V	113	Renk	RK871VT2P	VT2P	AC,P2	111
Champion	CSX62A13SSRIB	STX,B	CM,C2	112	Renk	RK935SSTX	STX,B	AC,P5V	114
Champion	CSX62A16SS	STX	CM,C2	112	Renk	RK941SSTX	STX,B	AC,P5V	114
Champion	CSX63A16VT2Pro	VT2P	CM,C2	113	Titan Pro	TP 55-11 2P	VT2P	AC,P2	111
Champion	CSX64A15VT2Pro	VT2P	CM,C2	114	Titan Pro	TP 56-14 2P	VT2P	AC,P2	114
Channel	214-45STXRIB	STX,B	AC,P5V	114	Titan Pro	TP 57-13 SS	STX	AC,P5V	113
Curry	732-99AM	AM,B	MQ,P5V,R	112	Wyffels	W7108RIB	STX,B	AC,P5V	111
Curry	733-13AM	AM,AQ,B	MQ,P5V,R	113	Wyffels	W7158RIB	STX,B	AC,P5V	111
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	Wyffels	W7456	VT2P	AC,P5V	112
Dyna-Gro	CX15115	VT2P	AC,P5V	115	Wyffels	W7888RIB	STX,B	AC,P5V	114
Dyna-Gro	D52SS91	STX	AC,P5V	112					
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
Golden Harvest	G11K47-3010 GC	3010	AVC,C5,Vi	111					
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114					
Golden Harvest	G14V04-3010	3010	AVC,C5,Vi	114					
Great Lakes	6462STXRIB	STX,B	AC,P5V	114					
Jacobsen Seed	JS7668VT2PRO	VT2P	AC,P5V	112					
Jacobsen Seed	JS9503SSRIB	STX,B	AC,P5V	110					
Kruger	K4R-9313	STX,B	AC,P5V	113					
Kruger	K4R-9512	STX,B	AC,P5V	112					
Kruger	K4R-9613	STX,B	AC,P5V	113					
Kruger	KR-4913	VT2P,B	AC,P5V	113					
Latham	LH6159SSRIB	STX,B	AC,P5V	111					
Latham	LH6175VT2Pro	VT2P	AC,P5V	111					
Latham	LH6317VT2Pro	VT2P	AC,P5V	113					
Latham	LH6359SSRIB	STX,B	AC,P5V	113					
LG Seeds	LG5612STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5622STXRIB	STX,B	AC,P5V	113					
NuTech	5N-914	3000GT	MQ,P5V	114					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
Pfister	2770RA	STX,B	CM,C5,Vi,In	113					
Pfister	3366RA	STX,B	CM,C5,Vi,In	112					
Pfister	73A1SS	STX	CM,C1	113					
Pfister	X14677S2	STX	AC,P5V	112					
Pioneer	P1023AMX GC	AMX,B	MQ,P1V	110					
Pioneer	P1142AMX GC	AMX,B	MQ,C2	111					

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. 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®, 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
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
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)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	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**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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