

2015 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] PALO
Jason Kwapil, Linn County, IA 52324



PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Kenyon loam, well drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.2 pH, 4% OM
PEST MANAGEMENT: Roundup, Halex GT, Force
FERTILITY - Applied N: 175 Fall
Applied N-P-K (units): 175-0-0
SEEDING - RATE - ROW: May 2 32,400 /A 30" spacing
HARVESTED - STAND: Nov 4 32,100 /A

Early-Season Test
105 - 110 Day CRM
B2015IAEC24a

Top 30 of 72

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
Channel	207-27STXRIB	STX,B	107	231.0	15.9	2	32.9	850	1
LG Seeds	LG5603STXRIB	STX,B	111	230.0	15.7	1	32.9	847	2
Champion	CSX57A16VT2Pro	VT2P	107	223.4	15.8	1	32.9	822	3
Dairyland	DS9508RA	STX,B	108	221.4	15.7	4	31.9	815	5
Steyer	11004GENSS RIB	STX,B	110	221.3	15.5	1	32.9	816	4
Latham	LH5715VT2ProRIB	VT2P,B	107	219.7	15.5	1	30.9	810	6
Channel	209-46STXRIB	STX,B	109	219.2	15.7	1	29.9	807	7
Prairie Brand	5825RA	STX,B	108	218.9	16.0	5	32.4	804	8
Latham	LH5947VT3ProRIB	VT3P,B	109	213.9	15.8	1	32.9	787	9
Pfister	X12546S2R4	STX,B	107	213.1	15.9	9	31.4	784	10
Beck	XL 5939AMXT^	AMXT,B	109	210.6	16.1	1	32.9	773	12
Wyffels	W7246	VT2P	111	210.3	15.8	2	31.4	774	11
Dairyland	DS9409RA	STX,B	109	210.0	15.9	1	32.9	772	13
Augusta	A4658GT3110	3110	108	207.3	15.7	1	32.4	763	14
Prairie Brand	6056SX	STX	110	206.3	15.8	1	32.4	759	15
Renk	RK776SSTX	STX,B	107	205.3	15.6	1	30.9	757	16
LG Seeds	LG5523STXRIB	STX,B	105	204.7	15.8	2	31.9	753	18
NuTech	5N-410	3000GT	110	204.4	15.5	1	31.9	754	17
Beck	5852	3111	108	203.8	15.8	1	30.9	750	19
Channel	209-53STXRIB	STX,B	109	203.5	15.6	1	31.9	750	20
Renk	RK810SSTX	STX	109	202.1	16.1	1	32.9	742	22
Pioneer	P0589AM GC	AM,AQ,B	105	201.6	15.5	1	32.9	743	21
NuTech/G2 Gen	5F-709^	AM,B	109	201.6	15.7	1	32.9	742	23
Dyna-Gro	D48SS38	STX	108	201.5	15.7	1	32.9	742	24
Titan Pro	2M07-SS	STX,B	107	201.0	15.7	1	31.9	740	25
Titan Pro	TP 58-10 SS	STX	110	198.6	15.7	2	31.9	731	27
LG Seeds	LG5548STXRIB	STX,B	109	198.3	15.6	4	31.9	731	28
Steyer	10904GENSSRIB	STX,B	109	197.6	15.7	1	32.9	728	29
Prairie Brand	5815RA	STX,B	107	196.7	15.6	1	32.9	725	30
Latham	LH6045VT2ProRIB	VT2P,B	110	196.1	15.8	1	31.9	722	31
Pioneer	P1197CHR CK	OT	111	199.8	15.9	1	31.9	735	26
Averages =				192.6	15.7	2	32.1	709	
LSD (0.10) =				19.1	0.3	3			
LSD (0.25) =				13.3	0.2	2			
C.V. =				7.3	1.5				

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: *Planting conditions were very good at this site along with emergence. Ears were short with some hybrids having some tip die-back but good overall kernel depth. Some green snap and stalk lodging was noted, breaking just below the ear. Jason stated that he has seen much yield variability across the field this year. Despite strong winds prior to harvest, most hybrids were still standing well.*

† 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: Moderate P, moderate K, 6.2 pH, 4% OM
PEST MANAGEMENT: Roundup, Halex GT, Force
FERTILITY - Applied N: 175 Fall
Applied N-P-K (units): 175-0-0
SEEDED - RATE - ROW: May 2 32,400 /A 30" spacing
HARVESTED - STAND: Nov 4 32,200 /A

Full-Season Test
111 - 114 Day CRM
B2015IAEC24b

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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	6305RA	STX,B	113	238.2	16.6	1	31.9	872	1
Titan Pro	TP 55-11 2P	VT2P	111	236.9	16.3	1	31.9	869	2
NuTech/G2 Gen	5F-713^	AM,B	113	229.8	16.3	1	31.4	843	3
Augusta	A5664GT3000	3000GT	114	228.7	16.0	2	31.9	840	4
Pfister	3366RA	STX,B	112	228.7	16.5	1	31.4	838	5
Dairyland	DS9412RA	STX,B	112	227.3	16.4	1	32.9	833	7
Prairie Brand	x1571SX	STX	113	226.9	15.7	1	31.4	836	6
Dyna-Gro	D52SS91	STX	112	224.6	16.0	1	32.9	825	8
Dairyland	DS9911	STX	111	223.9	16.1	1	32.9	822	10
Pfister	X14677S2	STX	112	223.3	15.6	1	32.9	823	9
Kruger	KR-4913	VT2P,B	113	223.1	15.7	1	31.9	822	11
Augusta	A5063VT2Pro	VT2P	113	223.0	16.2	1	32.9	818	12
NuTech	5N-914	3000GT	114	219.9	16.5	1	31.9	805	15
FS InVISION	FS 62SX1 RIB	STX,B	112	219.5	15.9	1	32.9	807	13
Kruger	K4R-9313	STX,B	113	219.4	16.1	1	31.4	806	14
Latham	LH6317VT2Pro	VT2P	113	219.2	16.2	1	32.9	804	16
Steyer	11407VT3PRO RIB	VT3P,B	114	216.3	16.2	1	32.9	794	17
Wyffels	W7456	VT2P	112	214.5	16.8	1	32.9	784	19
Dyna-Gro	D51SS54	STX	111	213.7	16.0	1	32.4	785	18
Dekalb	DKC64-89RIB GC	VT2P,B	114	212.5	15.7	1	31.9	783	20
Augusta	A6465VT2Pro	VT2P	115	212.0	16.4	5	31.9	777	21
Cornelius	C733SS	STX	113	211.3	15.9	1	31.9	777	22
Titan Pro	TP 57-13 SS	STX	113	211.3	17.1	5	32.9	771	24
Latham	LH6236-3000GT	3000GT	112	211.1	16.0	1	32.4	776	23
Steyer	11103GENSS RIB	STX,B	111	209.7	16.2	1	31.9	770	25
Renk	RK935SSTX	STX,B	114	209.3	15.8	1	32.9	770	26
Pfister	73A1SS	STX	113	209.2	16.3	3	31.4	767	28
Channel	214-45STXRIB	STX,B	114	208.6	15.8	1	31.9	768	27
Wyffels	W7888RIB	STX,B	114	208.6	16.1	1	31.9	766	29
Latham	LH6359SSRIB	STX,B	113	208.1	16.1	1	32.9	764	30
Pioneer	P1197CHR CK	OT	111	202.5	15.9	1	30.9	745	36
Averages =				204.7	16.1	2	32.2	751	
LSD (0.10) =				27.2	1.7	10			
LSD (0.25) =				19.0	1.2	7			
C.V. =				9.8	7.6				

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Early-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A4658GT3110	3110	AC,P2	108	NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108
Augusta	A4959GT3110	3110	AVC,C5	109	NuTech/G2 Gen	5Z-906^	OI	MQ,P1V	106
Beck	5852	3111	Es,P1V	108	Pfister	2447RA	STX,B	CM,C5,Vi,In	106
Beck	XL 5665^	OIX	Es,P1V	106	Pfister	2565SS	STX,B	CM,C5,Vi,In	108
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	Pfister	67A1	HXT,RR2	CM,C5,Vi,In	107
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107
Champion	CSX56A13VT2Pro	VT2P	CM,C2	106	Pioneer	P0589AM GC	AM,AQ,B	MQ,C2,R,Lu	105
Champion	CSX57A13SSRIB	STX,B	CM,C2	107	Pioneer	P1197CHR CK	OT	MQ,C2	111
Champion	CSX57A16VT2Pro	VT2P	CM,C2	107	Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	107
Champion	CSX59A16SSRIB	STX,B	CM,C2	109	Prairie Brand	5825RA	STX,B	CM,C5,Vi,In	108
Channel	207-27STXRIB	STX,B	AC,P5V	107	Prairie Brand	6056SX	STX	CM,C5,Vi,In	110
Channel	209-46STXRIB	STX,B	AC,P5V	109	Renk	RK752SSTX	STX,B	AC,P5V	108
Channel	209-53STXRIB	STX,B	AC,P5V	109	Renk	RK776SSTX	STX,B	AC,P5V	107
Cornelius	C533SS	STX	AC,P5V	106	Renk	RK791SSTX	STX,B	AC,P5V	108
Cornelius	C574SS	STX	AC,P5V	107	Renk	RK810SSTX	STX	AC,P5V	109
Cornelius	C576SS	STX	AC,P5V	108	Steyer	10806GENSSRIB	STX,B	CM,C2	108
Cornelius	C621SS	STX	AC,P5V	110	Steyer	10904GENSSRIB	STX,B	CM,C2	109
Dairyland	DS9307RA	STX,B	CM,C5,Vi,In	107	Steyer	11004GENSS RIB	STX,B	CM,C2	110
Dairyland	DS9409RA	STX,B	CM,C5,Vi,In	109	Steyer	11005GENSSRIB	STX,B	CM,C2	110
Dairyland	DS9508RA	STX,B	CM,C2	108	Titan Pro	2M07-SS	STX,B	AC,P5V	107
Dekalb	DKC61-55RIB GC	VT2P,DG,B	AC,P2	111	Titan Pro	TP 37-06 SS	STX,B	AC,P5V	106
Dyna-Gro	D48SS38	STX	AC,P5V	108	Titan Pro	TP 58-10 SS	STX	AC,P5V	110
Epley	E1625RR	RR2	MQ	106	Titan Pro	TP 59-08 SS	STX	AC,P5V	108
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	Wyffels	W4968RIB	STX,B	AC,P5V	107
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	Wyffels	W5138RIB	STX,B	AC,P5V	108
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108	Wyffels	W6818	STX	AC,P5V	110
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	Wyffels	W7246	VT2P	AC,P5V	111
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Great Lakes	5918STXRIB	STX,B	AC,P5V	109					
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	LG5523STXRIB	STX,B	AC,P5V	105					
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					

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Full-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A5063VT2Pro	VT2P	AC,P5	113	Pfister	X14677S2	STX	AC,P5V	112
Augusta	A5664GT3000	3000GT	CM,C1	114	Pioneer	P1197CHR CK	OT	MQ,C2	111
Augusta	A6465VT2Pro	VT2P	AC,P2	115	Pioneer	P1311AMXT GC	AMXT,B	MQ,C2	113
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	Prairie Brand	6305RA	STX,B	CM,C5,Vi,In	113
Beck	XL 6165^	OIX	Es,P1V	111	Prairie Brand	6394RA	STX,B	CM,C5,Vi,In	114
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	Prairie Brand	x1571SX	STX	AC,P5V	113
Champion	CSX62A13SSRIB	STX,B	CM,C2	112	Renk	RK871VT2P	VT2P	AC,P2	111
Champion	CSX62A16SS	STX	CM,C2	112	Renk	RK935SSTX	STX,B	AC,P5V	114
Champion	CSX63A16VT2Pro	VT2P	CM,C2	113	Renk	RK941SSTX	STX,B	AC,P5V	114
Champion	CSX64A15VT2Pro	VT2P	CM,C2	114	Steyer	11103GENSS RIB	STX,B	CM,C2	111
Channel	211-33VT2PRIB	VT2P,B	AC,P5V	111	Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114
Channel	213-26VT2PRIB	VT2P,B	AC,P5V	113	Titan Pro	TP 55-11 2P	VT2P	AC,P2	111
Channel	214-45STXRIB	STX,B	AC,P5V	114	Titan Pro	TP 56-14 2P	VT2P	AC,P2	114
Cornelius	C733SS	STX	AC,P5V	113	Titan Pro	TP 57-13 SS	STX	AC,P5V	113
Cornelius	C744SS	STX	AC,P5V	113	Wyffels	W7108RIB	STX,B	AC,P5V	111
Dairyland	DS9412RA	STX,B	CM,C5,Vi,In	112	Wyffels	W7158RIB	STX,B	AC,P5V	111
Dairyland	DS9911	STX	CM,C5,Vi,In	111	Wyffels	W7456	VT2P	AC,P5V	112
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	Wyffels	W7888RIB	STX,B	AC,P5V	114
Dekalb	DKC64-89RIB GC	VT2P,B	AC,P2	114					
Dyna-Gro	D51SS54	STX	AC,P5V	111					
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	6185STXRIB	STX,B	AC,P5V	111					
Great Lakes	6462STXRIB	STX,B	AC,P5V	114					
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	LH6236-3000GT	3000GT	CM,C2	112					
Latham	LH6317VT2Pro	VT2P	AC,P5V	113					
Latham	LH6359SSRIB	STX,B	AC,P5V	113					
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					

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.