

# 2016 Corn Grain Top 30 Harvest Report

Iowa East Central [ IAEC ] VICTOR  
 Dan DeRycke, Poweshiek County, IA 52347



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

PREV. CROP/HERB: Soybean / Roundup, Prefix  
 SOIL DESCRIPTION: Downs silt loam, mod. well drained, non-irrigated  
 SOIL CONDITION: Minimum w/o fall till, moderate P, moderate K, 6.8 pH, 3.9% OM  
 PEST MANAGEMENT: Lumax, Force  
 FERTILITY - Applied N: 194 Fall  
 Applied N-P-K (units): 194-62-42  
 SEEDED - RATE - ROW: May 8 34,000 /A 30" spacing  
 HARVESTED - STAND: Oct 30 34,000 /A

**Early-Season Test**  
**105 - 110 Day CRM**  
 B2016IAEC25a

**Top 30 of 63**  
 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-709^	AM,AQ,B	109	<b>255.1</b>	16.5	2	33.9	723	1
Cornelius	C574DP	VT2P	107	<b>246.9</b>	15.8	1	34.8	706	2
NuTech/G2 Gen	5F-510^	AM,B	110	<b>242.7</b>	16.8	6	35.8	685	4
Renk	RK792SSTX	STX	108	<b>241.5</b>	15.9	3	35.8	690	3
Cornelius	C621SS	STX	110	240.3	16.3	1	33.9	683	5
NuTech/G2 Gen	5F-308^	AM,B	108	239.4	16.1	1	33.9	682	6
Channel	209-53STXRIB	STX,B	109	239.4	16.3	1	34.8	680	7
Renk	RK810SSTX	STX,B	110	239.2	16.3	1	33.9	680	8
Dekalb	DKC58-06RIB GC	STX,B	108	237.5	17.0	1	34.8	669	14
Kruger	K4R-9305	STX,B	105	237.4	15.7	1	33.4	680	9
Becks	5828AMX^	AMX,AQ,B	110	237.4	16.6	1	35.3	672	11
Cornelius	C585DP	VT2P	109	236.6	15.9	1	34.8	676	10
Kruger	K4R-9708	STX,B	108	235.2	16.0	1	33.9	671	12
Titan Pro	TP 66-10 2P	VT2P,B	110	234.9	16.3	2	35.8	668	15
Prairie Brand	5646SX	STX	106	234.2	16.5	1	32.9	664	17
Titan Pro	TP 58-10 SS	STX,B	110	233.9	16.2	1	33.9	666	16
Champion	CSX59A16SSRIB	STX,B	109	233.6	16.4	1	33.9	663	18
Pfister	68A1VX	HXT,RR2	108	233.5	16.4	1	33.9	663	19
Wyffels	W5448RIB	STX,B	108	233.2	16.3	1	34.8	663	20
Renk	RK776SSTX	STX,B	107	233.1	16.5	1	35.8	661	21
Latham	LH5885VT2ProRIB	VT2P,B	108	231.4	16.3	1	33.9	658	22
Augusta	A1108VT2ProRIB	VT2P,B	108	231.4	16.2	3	31.9	658	23
Steyer	10707GENSS	STX	107	230.6	16.0	1	32.9	658	24
Pfister	69B1VX	HXT,RR2	109	229.8	16.8	8	31.9	649	31
Latham	LH6045VT2ProRIB	VT2P,B	110	229.5	16.5	1	35.8	651	29
NuTech	X5V-0707	3111	107	229.1	15.5	1	32.9	658	25
LG Seeds	LG5554-3111	3111	108	228.8	15.6	2	33.9	656	26
Dairyland	DS-9110	STX	110	228.8	15.9	2	35.8	654	27
NuTech	5N-410	3000GT	110	228.5	16.0	1	34.8	652	28
Wyffels	W4796RIB	VT2P,B	106	227.1	15.6	1	35.8	651	30
Pioneer	P1197AMXT CK	AMXT,B	111	234.5	15.9	5	31.9	670	13

Averages = **225.8** **16.1** **2** **34.0** **643**

LSD (0.10) = 14.8 0.4 ns

LSD (0.25) = 10.3 0.2 ns

C.V. = 4.9 Prev. years average yield, 214.4 bu/a, 8 yrs

Randy Meinsma

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

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.037 Prices: GMO = \$2.89; non-GMO = \$2.89

**Test Comments:** This plot was planted into very good soil conditions and emerged well. Before ear emergence, this site received strong winds that caused greensnap, especially in the full-season test. Dan DeRycke, our host grower, had 20+% of plants greensnapped in the field around the plot where yield varied from 150 to 225 bpa. The check hybrid was greensnap impacted in the full- but not the early-season test.

† 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: 10/31/2016 Revised:

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 PEST MANAGEMENT: Lumax, Force  
 FERTILITY - Applied N: 194 Fall  
 Applied N-P-K (units): 194-62-42  
 SEEDED - RATE - ROW: May 8 34,000 /A 30" spacing  
 HARVESTED - STAND: Oct 30 34,100 /A

**Full-Season Test**  
**111 - 114 Day CRM**  
 B2016IAEC25b

## Top 30 of 63

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	W7456RIB	VT2P,B	112	<b>255.2</b>	17.5	1	35.8	714	1
Steyer	11305GENSSRIB	STX,B	113	<b>252.0</b>	16.8	2	34.8	711	2
NuTech	5N-914	3000GT	114	<b>248.9</b>	18.2	1	34.8	690	4
LG Seeds	LG5643STX	STX	114	<b>245.9</b>	16.4	2	32.9	698	3
Kruger	K4R-9811	STX,B	111	244.0	16.8	1	34.8	689	5
Channel	213-19VT2PRIB	VT2P,B	113	243.9	17.3	1	33.9	684	9
FS InVISION	FS 61SX1 RIB	STX,B	111	243.8	16.7	1	33.9	689	6
Augusta	A5664GT3000	3000GT	114	243.8	18.3	2	32.9	675	11
Wyffels	W7108RIB	STX,B	111	241.9	16.2	1	33.9	688	7
Renk	RK935SSTX	STX,B	114	241.4	17.5	2	35.8	675	12
Cornelius	C712DGDP	VT2P,DG	112	240.7	15.9	2	33.9	688	8
Pfister	2770RASS	STX,B	113	240.1	16.9	2	34.8	677	10
Cornelius	C765SS	STX	114	238.1	17.3	2	34.8	668	14
Latham	LH6159SSRIB	STX,B	111	237.7	16.5	2	33.9	674	13
LG Seeds	LG5650STX	STX	114	237.1	17.6	1	32.9	662	17
FS InVISION	FS 63ZX1 RIB	STX,B	113	236.4	17.4	2	34.8	662	18
Kruger	KR-4313	VT2P,B	113	235.8	17.0	1	33.9	664	15
FS InVISION	FS 64SX1 RIB	STX,B	114	234.9	17.1	5	30.9	661	19
Titan Pro	TP 68-14 SS	STX	114	233.3	17.2	3	33.9	655	22
NuTech/G2 Gen	5F-811^	AM,B	111	233.3	17.4	2	34.8	654	24
Kruger	K4R-9511	STX,B	111	232.3	16.5	2	33.9	658	20
LG Seeds	LG5607VT2PRIB	VT2P,B	111	232.0	15.9	2	34.8	663	16
Prairie Brand	6247SX	STX	112	232.0	16.5	1	34.8	658	21
FS InVISION	FS 62VX1	STX	112	229.9	16.1	2	34.8	655	23
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	113	229.6	16.6	1	35.8	650	25
Dairyland	DS-9513	STX	113	228.6	16.4	9	34.8	649	26
Channel	214-45DGV2PRIB	VT2P,DG,B	114	227.5	16.3	2	35.8	647	28
Champion	CSX62A16VT2ProRIB	VT2P,B	112	227.3	16.5	1	32.9	644	30
Pfister	71C1VX	HXT,RR2	111	227.0	16.3	2	33.9	645	29
Champion	CSX63A17DGV2Pro	VT2P,DG	113	226.8	15.8	1	33.9	649	27
Pioneer	P1197AMXT CK	AMXT,B	111	197.2	16.6	22	33.9	558	57

Averages = **222.0** **16.8** **5** **34.1** **627**

LSD (0.10) = 22.6 0.3 7

LSD (0.25) = 15.7 0.2 5

C.V. = 7.5 Prev. years average yield, 214.4 bu/a, 8 yrs

Randy Meinsma

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**Early-Season Test Products (63 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	5646SX	STX	CM,C5,Vi,In	106
Becks	5828AMX^	AMX,AQ,B	Es	110	Prairie Brand	5825RA	STX,B	CM,C5,Vi,In	108
Becks	5883SX	STX	Es	108	Prairie Brand	6056SX	STX	CM,C5,Vi,In	110
Becks	6076SX	STX,B	Es	110	Renk	6-798VT2P	VT2P,B	AC,P2	109
Champion	CSX56A13VT2ProRIB	VT2P,B	AC,P2	106	Renk	RK776SSTX	STX,B	AC,P5V	107
Champion	CSX57A16VT2ProRIB	VT2P,B	AC,P2	107	Renk	RK792SSTX	STX	AC,P5V	108
Champion	CSX57A17SSRIB	STX,B	CM,C2	107	Renk	RK810SSTX	STX,B	AC,P5V	110
Champion	CSX59A16SSRIB	STX,B	AC,P2V	109	Steyer	10503GENSSRIB	STX,B	CM,C2	105
Channel	207-27STXRIB	STX,B	AC,P5V	107	Steyer	10707GENSS	STX	AC,P5V	107
Channel	209-53STXRIB	STX,B	AC,P5V	109	Steyer	10806GENSSRIB	STX,B	CM,C2	108
Cornelius	C574DP	VT2P	CM,C2	107	Titan Pro	TP 56-06 3110	3110	CM,C2	106
Cornelius	C585DP	VT2P	CM,C2	109	Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110
Cornelius	C621SS	STX	AC,P5V	110	Titan Pro	TP 59-08 SS	STX,B	AC,P5V	108
Dairyland	DS-9110	STX	CM,C1,Vi,In	110	Titan Pro	TP 66-10 2P	VT2P,B	AC,P2	110
Dairyland	DS-9508RA	STX,B	CM,C2	108	Wyffels	W4796RIB	VT2P,B	AC,P2	106
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108	Wyffels	W5448RIB	STX,B	AC,P5V	108
Dyna-Gro	D46SS62	STX	AC,P5V	106	Wyffels	W6198	STX	AC,P5V	109
Epley	E1612SS	STX	AC,P5V	106	Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111
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					
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					
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-710^	AM,B	MQ,P5V,R	110					
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	P1197AMXT CK	AMXT,B	MQ,P1V	111					

**Full-Season Test Products (63 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	6186RA	STX,B	CM,C5,Vi,In	111
Augusta	A5062GT3110	3110	AVC,C5	112	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	6165AMX^	AMX,B	Es	111	Prairie Brand	6367SX	STX	CM,C1,Vi,In	113
Becks	6365AMX^	AMX,B	Es	113	Renk	RK871VT2P	VT2P,B	AC,P2	111
Champion	CSX61A17DGV2Pro	VT2P,DG	AC,P2	111	Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114
Champion	CSX62A16VT2ProRIB	VT2P,B	AC,P2	112	Renk	RK935SSTX	STX,B	AC,P5V	114
Champion	CSX63A17DGV2Pro	VT2P,DG	AC,P2	113	Renk	RK941SSTX	STX,B	AC,P5V	114
Champion	CSX64A15DGV2ProRIB	VT2P,DG,B	AC,P2	114	Steyer	11305GENSSRIB	STX,B	CM,C2	113
Channel	213-19VT2PRIB	VT2P,B	AC,P5V	113	Steyer	11409VT2PRO	VT2P	CM,C2	114
Channel	214-45DGV2PRIB	VT2P,DG,B	AC,P5V	114	Titan Pro	TP 55-11 2P	VT2P,B	AC,P2	111
Cornelius	C634SS	STX	AC,P5	111	Titan Pro	TP 56-14 2P	VT2P,B	AC,P2	114
Cornelius	C712DGDGP	VT2P,DG	CM,C2	112	Titan Pro	TP 57-13 SS	STX,B	AC,P5V	113
Cornelius	C765SS	STX	AC,P5	114	Titan Pro	TP 68-14 SS	STX	AC,P5V	114
Dairyland	DS-9412RA	STX,B	CM,C5,Vi,In	112	Wyffels	W7108RIB	STX,B	AC,P5V	111
Dairyland	DS-9513	STX	CM,C1,Vi,In	113	Wyffels	W7456RIB	VT2P,B	AC,P2	112
Dairyland	DS-9911	STX	CM,C5,Vi,In	111	Wyffels	W7696RIB	VT2P,B	AC,P2	113
Dyna-Gro	D51SS54	STX	AC,P5V	111	Wyffels	W7888RIB	STX,B	AC,P5V	114
Dyna-Gro	D52SS91	STX	AC,P5V	112					
Epley	E2305RR	RR2	MQ	113					
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62VX1	STX	AC,P5V	112					
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64SX1 RIB	STX,B	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					
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					

## 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.