

# 2014 Corn Grain Top 30 Harvest Report

Wisconsin Central [ WICE ] FOX LAKE  
Kirk Warmka, Dodge County, WI 53916



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Alfalfa / None  
SOIL DESCRIPTION: Plano/Lamira silt loam, well drained, conventional w/ fall till, non-irrigated  
SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 3% OM  
PEST MANAGEMENT: Roundup, Impact, Headline, Force  
FERTILITY - Applied N: 62 Fall, 200 Spring  
Applied N-P-K (units): 262-102-138  
SEEDED - RATE - ROW: May 18 35,100 /A 30" spacing  
HARVESTED - STAND: Nov 3 33,500 /A

## Early-Season Test

93 - 98 Day CRM  
B2014WICE43a

## Top 30 of 45

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	N35T-3110	3110	AVC,C5	95	<b>239.9</b>	22.9	1	33.5	831	1
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	<b>233.9</b>	21.0	1	33.5	823	2
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96	231.0	21.7	1	32.5	808	4
Great Lakes	4548STX	STX	AC,P5V	95	230.8	22.0	1	33.5	805	5
Dyna-Gro	D37SS60	STX	AC,P5V	97	230.2	22.1	1	34.4	803	6
LG Seeds	LG5460STX	STX	AC,P5V	97	229.3	21.9	1	34.4	801	7
FS InVISION	FS 43SV4 RIB	VT3P,B	AC,P2	93	228.8	20.3	1	34.4	810	3
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	228.0	23.3	1	34.4	787	8
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	225.7	23.3	1	37.1	779	15
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	225.4	21.9	1	31.6	787	9
Jung	7S381RIB	STX,B	AC,P5V	94	225.1	22.0	1	32.6	786	10
Golden Harvest	G95D32-3110	3110	AVC,C5	95	225.0	23.4	1	32.6	776	18
Channel	196-77STXRIB	STX,B	AC,P5V	96	224.2	22.1	1	34.4	782	12
Titan Pro	2M95-2P	VT2P,B	AC,P2	95	223.6	22.7	1	34.4	776	19
NuTech	5V-195	3111	CM,C2	95	223.4	21.5	1	33.5	783	11
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98	223.1	21.7	1	35.3	781	13
Stine	R9313VT2Pro	VT2P,B	AC,P2	95	223.0	21.8	1	30.7	780	14
Rob-See-Co	Innotech IC4654^	3111	CM,C2	96	222.9	22.0	1	32.6	778	16
NK Brand	N37R-3111	3111	AVC,C5	97	222.4	23.6	1	32.5	766	28
Dairyland	DS9093	3122	CM,C2	93	222.0	22.7	1	34.4	770	22
Viking	E52-95R	VT2P,B	AC,P2	95	222.0	22.7	1	32.5	770	23
Channel	195-58STXRIB	STX,B	AC,P5V	95	221.5	21.3	1	33.4	778	17
Golden Harvest	G97X48-3111	3111	AVC,C5	97	221.4	23.3	1	34.4	764	29
Latham	LH4859SSRIB	STX,B	AC,P5V	98	220.8	22.2	1	29.8	769	24
Renk	RK557SSTX	STX,B	AC,P2	95	220.3	22.8	1	33.5	764	30
Jung	7S449RIB	STX,B	AC,P5V	97	220.2	22.2	1	36.2	767	27
Integra	4342VT2PRIB	VT2P,B	AC,P5V	93	219.9	21.9	1	35.3	768	25
Latham	LH4455VT3PRORIB	VT3P,B	AC,P2	94	219.2	22.3	1	34.4	763	31
LG Seeds	LG5415STX	STX	AC,P5V	93	218.8	20.8	1	33.5	771	21
Kussmaul	SS-092	STX	AC,P2	92	218.6	21.2	1	31.6	768	26
Pioneer	P0062AM1 CK	AM1,AQ,B	MQ,P1V	100	222.5	22.2	1	28.8	775	20

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Test Average = **220.3**    **22.1**    **1**    **33.5**    **768**  
LSD (0.10) = 11.1    0.5    ns  
LSD (0.25) = 7.7    0.4    ns  
C.V. = 3.7    1.8

Yield & Income Factors: Base Moisture = 15.0%    Shrink = 1.3    Drying = \$0.030    Price =  $\frac{\$3.70}{\$3.70}$  Local GMO / non-GMO

**Test Comments:** *This was an extremely uniform, high yielding site. Most of the growing season was ideal except for the cool summer. Plants emerged almost perfectly, and plant heights were consistent at the V5 growth stage. Pollination was good on all hybrids and ears were filled with little tip back. Kernel size was good, but test weight was slightly low. There was no evidence of any disease, and stalks were stong.*

† 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 DESCRIPTION: Plano/Lamira silt loam, well drained, conventional w/ fall till, non-irrigated  
SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 3% OM  
PEST MANAGEMENT: Roundup, Impact, Headline, Force  
FERTILITY - Applied N: 62 Fall, 200 Spring  
Applied N-P-K (units): 262-102-138  
SEEDED - RATE - ROW: May 18 35,100 /A 30" spacing  
HARVESTED - STAND: Nov 3 33,700 /A

**Full-Season Test**  
**99 - 102 Day CRM**  
B2014WICE43b

**Top 30 of 36**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech/G2 Gen	5F-399^	AM,B	MQ,P5V	99	<b>238.7</b>	24.9	1	31.6	812	1
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	<b>236.9</b>	25.5	1	31.6	802	2
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	224.8	24.2	1	32.5	770	3
Viking	T51-01R	GT,B	CM,C2	101	222.2	25.0	1	33.5	755	11
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100	222.1	23.7	1	34.4	764	5
Latham	LH4974-3111A	3111A	CM,C2	99	221.7	23.0	1	31.6	767	4
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	221.5	23.4	1	29.7	764	6
Jung	7S495RIB	STX,B	AC,P5V	99	221.4	23.8	1	35.3	761	8
Renk	RK666SSTX	STX,B	AC,P2	102	220.4	25.5	1	33.5	746	16
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	219.8	23.7	1	32.5	756	10
Jung	7S522RIB	STX,B	AC,P5V	101	219.4	24.8	1	34.4	747	14
Dairyland	DS9900SSX	STX	CM,C2	99	218.6	24.9	1	37.2	744	19
Renk	RK605SSTX	STX	AC,P2	100	218.4	22.6	1	35.3	758	9
Viking	D81-01RL	STX,B	AC,P5V	101	218.0	23.8	1	32.5	749	12
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	217.7	24.2	1	32.5	745	18
Stine	R9424SS	STX,B	AC,P2	99	217.1	23.3	1	32.5	749	13
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V	102	217.0	25.6	1	34.4	734	26
Channel	202-64STXRIB	STX,B	AC,P5V	102	216.1	23.2	1	31.6	746	17
Latham	LH5088SSRIB	STX,B	AC,P5V	100	215.6	24.0	1	35.3	740	22
NK Brand	N42Z-5222	5222,B	AVC,C5	99	215.5	23.8	1	34.4	740	23
Titan Pro	TP 35-01 2P	VT2P,B	AC,P2	101	215.5	24.0	1	36.2	739	24
Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99	215.4	22.8	1	31.6	747	15
FS InVISION	FS 49TX1 RIB	STX,B	AC,P5V	99	214.1	22.5	1	33.5	744	20
Latham	LH5186VT3PRORIB	VT3P,B	AC,P2	101	213.8	22.5	1	34.4	743	21
LG Seeds	LG5502STX	STX	AC,P5V	102	213.7	25.3	1	36.2	725	27
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	212.7	22.7	1	33.5	738	25
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	210.7	25.5	1	35.3	713	28
Golden Harvest	G01P52-3011A	3011A	AVC,C5	101	210.5	25.7	1	34.4	711	29
Renk	RK629VT3P	VT3P,B	AC,P2	101	210.0	25.6	1	33.5	710	31
Channel	201-39STXRIB	STX,B	AC,P5V	101	207.6	24.1	1	34.4	711	30
Pioneer	P0062AM1 CK	AM1,AQ,B	MQ,P1V	100	219.4	22.5	1	32.5	762	7

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Test Average = **217.0** **24.5** **1** **33.7** **741**  
LSD (0.10) = 10.9 0.9 ns  
LSD (0.25) = 7.6 0.6 ns  
C.V. = 3.7 2.6

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price =  $\frac{\$3.70}{\$3.70}$  Local GMO non-GMO

**Test Comments:** *This was an extremely uniform, high yielding site. Most of the growing season was ideal except for the cool summer. Plants emerged almost perfectly, and plant heights were consistent at the V5 growth stage. Pollination was good on all hybrids and ears were filled with little tip back. Kernel size was good, but test weight was slightly low. There was no evidence of any disease, and stalks were stong.*

† 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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**Early-Season Test Products (45 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Channel	195-58STXRIB	STX,B	AC,P5V	95					
Channel	196-77STXRIB	STX,B	AC,P5V	96					
Dairyland	DS9093	3122	CM,C2	93					
Dairyland	DS9694RA	STX,B	CM,C2	94					
Dyna-Gro	D37SS60	STX	AC,P5V	97					
FS InVISION	FS 43SV4 RIB	VT3P,B	AC,P2	93					
Golden Harvest	G93H90-3000GT	3000GT	AVC,C5	93					
Golden Harvest	G95D32-3110	3110	AVC,C5	95					
Golden Harvest	G97X48-3111	3111	AVC,C5	97					
Great Lakes	4548STX	STX	AC,P5V	95					
Great Lakes	4879STXRIB	STX,B	AC,P5V	98					
Integra	4342VT2PRIB	VT2P,B	AC,P5V	93					
Integra	9482VT3PRIB	VT3P,B	AC,P2	98					
Jung	7S381RIB	STX,B	AC,P5V	94					
Jung	7S429RIB	STX,B	AC,P5V	96					
Jung	7S449RIB	STX,B	AC,P5V	97					
Kussmaul	SS-092	STX	AC,P2	92					
Latham	LH4455VT3PRORIB	VT3P,B	AC,P2	94					
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96					
Latham	LH4679SSRIB	STX,B	AC,P5V	96					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100					
LG Seeds	LG5415STX	STX	AC,P5V	93					
LG Seeds	LG5460STX	STX	AC,P5V	97					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
NK Brand	N31H-3000GT	3000GT	AVC,C5	93					
NK Brand	N35T-3110	3110	AVC,C5	95					
NK Brand	N37R-3111	3111	AVC,C5	97					
NuTech	5V-195	3111	CM,C2	95					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98					
NuTech/G2 Gen	5F-295^	AM,B	MQ,P5V	95					
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98					
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96					
Pioneer	P0062AM1 CK	AM1,AQ,B	MQ,P1V	100					
Pioneer	P9917AM1	AM1,B	MQ,P1V	99					
Renk	RK522SSTX	STX,B	AC,P2	94					
Renk	RK557SSTX	STX,B	AC,P2	95					
Renk	RK568VT3P	VT3P,B	AC,P2	95					
Renk	RK596SSTX	STX	AC,P2	98					
Rob-See-Co	Innotech IC4654^	3111	CM,C2	96					
Stine	R9313VT2Pro	VT2P,B	AC,P2	95					
Titan Pro	2M95-2P	VT2P,B	AC,P2	95					
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98					
Titan Pro	TP 48-93 2P	VT2P,B	AC,P2	93					
Viking	E52-95R	VT2P,B	AC,P2	95					

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**Full-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Channel	201-39STXRIB	STX,B	AC,P5V	101					
Channel	202-64STXRIB	STX,B	AC,P5V	102					
Dairyland	DS9900SSX	STX	CM,C2	99					
FS InVISION	FS 49TX1 RIB	STX,B	AC,P5V	99					
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100					
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101					
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V	102					
Golden Harvest	G01P52-3011A	3011A	AVC,C5	101					
Great Lakes	5015STXRIB	STX,B	AC,P5V	100					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Jung	7S495RIB	STX,B	AC,P5V	99					
Jung	7S522RIB	STX,B	AC,P5V	101					
Latham	LH4974-3111A	3111A	CM,C2	99					
Latham	LH5088SSRIB	STX,B	AC,P5V	100					
Latham	LH5186VT3PRORIB	VT3P,B	AC,P2	101					
Latham	LH5219SSRIB	STX,B	AC,P5V	102					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5502STX	STX	AC,P5V	102					
NK Brand	N42Z-5222	5222,B	AVC,C5	99					
NuTech	5N-803	3000GT	CM,C2	101					
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100					
NuTech/G2 Gen	5F-399^	AM,B	MQ,P5V	99					
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102					
Pioneer	P0062AM1 CK	AM1,AQ,B	MQ,P1V	100					
Renk	RK581SSTX	STX,B	AC,P2	100					
Renk	RK605SSTX	STX	AC,P2	100					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Renk	RK666SSTX	STX,B	AC,P2	102					
Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99					
Stine	R9424SS	STX,B	AC,P2	99					
Titan Pro	TP 35-01 2P	VT2P,B	AC,P2	101					
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100					
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102					
Viking	D81-01RL	STX,B	AC,P5V	101					
Viking	T51-01R	GT,B	CM,C2	101					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. 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®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
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)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

A	Allegiance®	L	Lorsban®
AC	Acceleron® 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® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

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