

# 2014 Corn Grain Top 30 Harvest Report

Wisconsin Central [ WICE ] TOMAH  
Gene Baumgarten, Monroe County, WI 54660



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

PREV. CROP/HERB: Soybean / Roundup  
SOIL DESCRIPTION: Eleva/Meridian sandy loam, mod. well drained, minimum w/o fall till, non-irrigated  
SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 1.5% OM  
PEST MANAGEMENT: Harness, Roundup, Force  
FERTILITY - Applied N: 25 Spring, 120 Planter  
Applied N-P-K (units): 145-14-28  
SEEDED - RATE - ROW: May 18 37,500 /A 30" spacing  
HARVESTED - STAND: Nov 5 36,400 /A

## Early-Season Test

**93 - 98 Day CRM**  
B2014WICE47a

## 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
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	<b>224.9</b>	20.2	1	33.5	797	1
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	<b>221.0</b>	22.7	1	36.2	767	2
NK Brand	N35T-3110	3110	AVC,C5	95	<b>218.3</b>	22.0	1	36.2	762	3
NK Brand	N37R-3111	3111	AVC,C5	97	<b>218.0</b>	22.5	1	35.3	758	4
Viking	E52-95R	VT2P,B	AC,P2	95	217.0	22.2	1	37.2	756	5
Renk	RK522SSTX	STX,B	AC,P2	94	214.6	21.0	1	37.2	755	6
Renk	RK596SSTX	STX	AC,P2	98	214.3	21.6	1	36.2	750	8
Titan Pro	TP 48-93 2P	VT2P,B	AC,P2	93	214.0	21.0	1	35.3	753	7
Titan Pro	2M95-2P	VT2P,B	AC,P2	95	212.2	21.7	1	39.0	742	9
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	210.8	21.0	1	34.4	742	10
Great Lakes	4548STX	STX	AC,P5V	95	209.8	21.5	1	38.1	735	11
Latham	LH4455VT3PRORIB	VT3P,B	AC,P2	94	207.9	21.5	1	35.3	729	13
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	207.5	22.8	1	39.0	719	15
Latham	LH4859SSRIB	STX,B	AC,P5V	98	205.5	22.3	1	32.5	715	17
Integra	4342VT2PRIB	VT2P,B	AC,P5V	93	204.7	21.2	1	36.2	719	16
Channel	196-77STXRIB	STX,B	AC,P5V	96	204.2	21.8	1	36.2	714	18
Rob-See-Co	Innotech IC4654^	3111	CM,C2	96	203.7	20.4	1	32.6	721	14
NuTech/G2 Gen	5F-295^	AM,B	MQ,P5V	95	203.5	21.7	1	39.9	712	19
Dyna-Gro	D37SS60	STX	AC,P5V	97	201.1	21.0	1	38.1	708	22
Jung	7S449RIB	STX,B	AC,P5V	97	200.8	21.2	1	36.2	706	23
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96	199.8	21.2	1	39.0	702	25
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98	199.4	20.8	1	36.2	703	24
Kussmaul	SS-092	STX	AC,P2	92	199.4	20.9	1	39.0	702	26
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	199.3	21.8	1	37.2	697	28
Jung	7S381RIB	STX,B	AC,P5V	94	199.2	21.4	1	39.0	699	27
Stine	R9313VT2Pro	VT2P,B	AC,P2	95	198.9	19.2	1	35.3	711	20
FS InVISION	FS 43SV4 RIB	VT3P,B	AC,P2	93	198.5	19.1	1	33.5	710	21
Golden Harvest	G97X48-3111	3111	AVC,C5	97	198.5	22.6	1	33.5	689	30
LG Seeds	LG5460STX	STX	AC,P5V	97	197.9	21.0	1	37.1	697	29
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	194.8	21.5	1	34.4	683	31
Pioneer	P0062AM1 CK	AM1,AQ,B	MQ,P1V	100	209.1	22.0	1	36.2	730	12

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Test Average = **200.5**    **21.2**    **1**    **36.4**    **704**  
LSD (0.10) = 17.2    0.9    ns  
LSD (0.25) = 12.0    0.6    ns  
C.V. = 6.3    3.2

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 is a good heavy soil type for the area, and was on the crest of a hill allowing for good drainage. Good timely rains this season made for some really good yields at this location. Emergence was excellent for most hybrids, followed by a great pollination. Ears were of good size and girth, kernel set was deep and there was little evidence of any diseases. Corn was several points drier than in years past.*

† 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: Eleva/Meridian sandy loam, mod. well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 1.5% OM  
 PEST MANAGEMENT: Harness, Roundup, Force  
 FERTILITY - Applied N: 25 Spring, 120 Planter  
 Applied N-P-K (units): 145-14-28  
 SEEDED - RATE - ROW: May 18 37,500 /A 30" spacing  
 HARVESTED - STAND: Nov 5 36,800 /A

## Full-Season Test

99 - 102 Day CRM

B2014WICE47b

## 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
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	<b>224.0</b>	25.1	1	39.0	761	1
Renk	RK605SSTX	STX	AC,P2	100	213.7	22.1	1	37.2	745	2
Viking	D81-01RL	STX,B	AC,P5V	101	213.3	23.1	1	37.2	737	4
Latham	LH4974-3111A	3111A	CM,C2	99	213.1	22.2	1	39.0	742	3
Renk	RK629VT3P	VT3P,B	AC,P2	101	213.1	24.4	1	34.4	728	8
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	213.0	24.3	1	38.1	729	7
NK Brand	N42Z-5222	5222,B	AVC,C5	99	209.5	22.1	1	34.4	731	5
Latham	LH5186VT3PRORIB	VT3P,B	AC,P2	101	209.4	22.1	1	37.2	730	6
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	208.3	22.8	1	30.7	722	9
Golden Harvest	G01P52-3011A	3011A	AVC,C5	101	208.3	23.9	1	38.1	715	10
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	208.1	26.5	1	38.1	698	15
Channel	201-39STXRIB	STX,B	AC,P5V	101	205.2	23.6	1	34.4	706	12
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	203.5	24.4	1	38.1	696	16
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	202.9	23.2	1	39.0	701	13
Jung	7S522RIB	STX,B	AC,P5V	101	201.4	23.4	1	38.1	694	17
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	201.0	22.0	1	32.5	701	14
Latham	LH5219SSRIB	STX,B	AC,P5V	102	199.4	30.1	1	37.2	647	31
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	199.0	23.0	1	37.2	689	18
LG Seeds	LG5502STX	STX	AC,P5V	102	197.5	24.0	1	39.0	677	20
Channel	202-64STXRIB	STX,B	AC,P5V	102	196.5	23.4	1	36.2	678	19
NuTech	5N-803	3000GT	CM,C2	101	195.2	25.4	1	37.2	661	28
Latham	LH5088SSRIB	STX,B	AC,P5V	100	195.1	22.9	1	39.0	676	21
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100	195.1	22.9	1	37.2	676	22
Dairyland	DS9900SSX	STX	CM,C2	99	195.0	23.3	1	39.0	673	23
Renk	RK666SSTX	STX,B	AC,P2	102	194.6	25.3	1	38.1	660	30
Jung	7S495RIB	STX,B	AC,P5V	99	194.4	23.1	1	36.2	672	24
Viking	T51-01R	GT,B	CM,C2	101	192.8	23.3	1	35.3	665	26
Titan Pro	TP 35-01 2P	VT2P,B	AC,P2	101	192.2	22.2	1	38.1	670	25
Renk	RK581SSTX	STX,B	AC,P2	100	191.3	23.1	1	40.9	661	29
FS InVISION	FS 49TX1 RIB	STX,B	AC,P5V	99	189.4	21.6	1	38.1	663	27
Pioneer	P0062AM1 CK	AM1,AQ,B	MQ,P1V	100	204.7	22.3	1	33.5	713	11

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Test Average = **199.9** **23.6** **1** **36.8** **688**

LSD (0.10) = 18.6 1.2 ns

LSD (0.25) = 12.9 0.8 ns

C.V. = 6.8 3.6

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 is a good heavy soil type for the area, and was on the crest of a hill allowing for good drainage. Good timely rains this season made for some really good yields at this location. Emergence was excellent for most hybrids, followed by a great pollination. Ears were of good size and girth, kernel set was deep and there was little evidence of any diseases. Corn was several points drier than in years past.*

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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.