

## 2014 Corn Grain Top 30 Harvest Report

Michigan West Central [ MIWC ] CALEDONIA  
Wayne Rodgers, Kent County, MI 49316



Test by: F.I.R.S.T. NECB, Inc., Chadwick, IL

PREV. CROP/HERB: Corn, 2+ yr / Halex GT  
SOIL DESCRIPTION: Clay loam, well drained, minimum w/o fall till, non-irrigated  
SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 1.7% OM  
PEST MANAGEMENT: Halex GT, Roundup, Force,  
FERTILITY - Applied N: 121 Spring, 67 Sidedress  
Applied N-P-K (units): 188-0-0  
SEEDING - RATE - ROW: Jun 1 33,500 /A 30" spacing  
HARVESTED - STAND: Dec 3 31,600 /A

### All-Season Test

95 - 104 Day CRM

B2014MIWC45

### 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
Renk	RK596SSTX	STX	AC,P2	98	<b>235.1</b>	28.5	35	29.5	744	1
Integra	5151GSSRIB	STX,B	AC,P2	101	<b>235.0</b>	30.4	23	32.2	732	2
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	221.5	29.2	28	31.5	697	3
Rupp	xr8414	STX,B	AC,P2	100	220.0	28.5	12	33.5	696	4
Integra	5007GSSRIB	STX,B	AC,P2	100	215.9	30.6	33	32.2	671	8
Renk	RK629VT3P	VT3P,B	AC,P2	101	215.2	30.6	14	31.5	669	9
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102	213.9	29.3	52	32.2	672	7
Hyland	8505RA GC	STX,B	CM,C2	101	213.4	28.9	38	32.2	673	6
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	213.2	30.3	30	30.9	665	10
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	211.8	32.6	20	31.5	648	12
Seed Consultants	SCS 1015YHR^	OI,B	MQ,C2	102	210.8	24.9	28	31.5	686	5
Renk	RK581SSTX	STX,B	AC,P2	100	207.0	28.0	13	32.2	657	11
Channel	197-68STXRIB	STX,B	AC,P5V	97	203.3	32.2	11	32.9	624	17
Renk	RK605SSTX	STX	AC,P2	100	203.1	33.6	26	32.2	616	19
Seed Consultants	SCS 10HQ34^	HXT,RR2	MQ,C2	103	202.4	28.2	28	31.5	642	13
Rupp	xrJ03-31	STX,B	AC,P5V	103	202.4	31.7	8	32.2	624	18
Seed Consultants	SCS 10HR43^	HX,RR2	MQ,P1V	104	201.9	28.6	20	30.8	638	14
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	201.4	29.1	5	30.9	634	15
Renk	RK591GTCBLLRWBL^	3111A	CM,C2	99	198.4	27.9	33	32.2	630	16
Renk	RK633SSTX	STX,B	AC,P2	101	197.1	34.4	4	31.5	594	24
Steyer	9603VT2PRO RIB	VT2P,B	CM,C2	96	196.9	29.9	22	32.2	616	20
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	195.8	30.9	25	30.9	607	21
Great Lakes	4548STX	STX	AC,P5V	95	193.6	31.0	17	29.5	600	23
Great Lakes	5428STXRIB	STX,B	AC,P5V	104	193.5	32.7	12	31.5	592	26
Rupp	xrD99-30	VT2P,B	AC,P2	99	192.3	33.7	35	31.5	583	30
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	192.2	33.5	20	32.2	584	28
NK Brand	N45P-3011A	3011A	AVC,C5	101	189.4	27.4	15	31.5	604	22
NK Brand	N42Z-3111A GC	3111A	AVC,C5	99	188.9	31.3	23	29.5	584	29
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	186.9	29.5	10	31.5	586	27
NuTech/G2 Gen	5Z-295^	OI	MQ,P1V,R	95	184.2	26.1	33	31.5	594	25

Test Average = **195.3** **30.4** **24** **31.6** **609**

LSD (0.10) = 37.0 4.2 33

LSD (0.25) = 25.7 2.9 23

C.V. = 13.9 10.1

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#### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Price = \$3.50 Local GMO  
\$3.50 non-GMO

**Test Comments:** *There was some hail damage at growth stage V4 to V5 and some slug feeding on plants in this time frame. We had a very tough fall for harvest this year. Wet weather conditions and early season snow interrupted the harvest process. Lodging scores are high due to a 40 mph wind ahead of harvest. Some light disease infestations of gray leaf spot and northern corn leaf blight were present.*

† 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: 12/9/2014 Revised:



## 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. VPMaax® 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®, VPMaax® 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)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,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,RW,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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