

2014 Corn Grain Top 30 Harvest Report

Michigan West Central [MIWC] AURELIUS
Tony Igl, Ingham County, MI 48845



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

PREV. CROP/HERB: Soybean / Liberty
SOIL DESCRIPTION: Sandy loam, well drained, minimum w/o fall till, irrigated
SOIL CONDITION: Moderate P, moderate K, 6.2 pH, 3.2% OM
PEST MANAGEMENT: Lumax, glyphosate, Force
FERTILITY - Applied N: 27 Fall, 9 Planter, 140 Sidedress
Applied N-P-K (units): 176-69-60
SEDED - RATE - ROW: May 30 34,000 /A 30" spacing
HARVESTED - STAND: Nov 21 30,600 /A

All-Season Test
95 - 104 Day CRM
B2014MIWC50

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
Steyer	9801	GT	CM,C2	98	211.8	23.1	5	33.5	698	1
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	195.7	22.3	3	34.2	649	2
Great Lakes	5428STXRIB	STX,B	AC,P5V	104	190.0	26.1	0	33.5	612	4
Renk	RK596SSTX	STX	AC,P2	98	183.7	19.4	3	29.5	623	3
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	183.4	25.2	0	31.5	595	6
Integra	5441GSSRIB	STX,B	AC,P2	104	181.9	25.8	9	34.2	588	8
NuTech/G2 Gen	5Z-295^	OI	MQ,P1V,R	95	181.4	21.6	2	33.5	605	5
Seed Consultants	SCS 10HR43^	HX,RR2	MQ,P1V	104	181.3	26.0	4	32.9	585	9
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98	180.2	23.8	0	33.5	591	7
Channel	197-68STXRIB	STX,B	AC,P5V	97	177.4	23.8	0	31.5	582	10
Specialty	29A263	STX,B	AC,P5V	99	176.7	26.8	0	33.5	566	13
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	170.1	22.8	0	31.5	562	15
NK Brand	N42Z-3111A GC	3111A	AVC,C5	99	169.7	24.5	3	32.9	554	16
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	169.5	17.6	1	28.8	582	11
Great Lakes	4548STX	STX	AC,P5V	95	169.5	20.8	4	28.8	569	12
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	166.9	19.9	0	28.8	564	14
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102	166.2	24.9	1	32.2	541	18
Renk	RK591GTCBLLRWBL^	3111A	CM,C2	99	165.7	27.9	5	31.5	527	22
Steyer	10004GENSS RIB	STX,B	CM,C2	100	165.1	24.2	0	32.9	540	19
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	165.0	25.3	5	29.5	535	20
NK Brand	N45P-3011A	3011A	AVC,C5	101	164.1	22.0	0	29.5	546	17
Integra	5007GSSRIB	STX,B	AC,P2	100	163.3	24.3	1	32.2	534	21
Hyland	8505RA GC	STX,B	CM,C2	101	162.7	27.3	0	30.2	519	25
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	160.9	25.8	5	30.2	520	24
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	160.5	25.7	9	30.2	519	26
Renk	RK633SSTX	STX,B	AC,P2	101	160.2	27.1	6	30.2	512	27
Renk	RK605SSTX	STX	AC,P2	100	157.4	21.4	0	30.9	526	23
Seed Consultants	SCS 1015YHR^	OI,B	MQ,C2	102	156.7	24.3	4	30.8	512	28
Rupp	xrJ03-31	STX,B	AC,P5V	103	155.6	25.3	0	30.2	505	30
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	154.5	23.9	0	30.8	506	29

Test Average = **162.2** **24.0** **2** **30.6** **531**

LSD (0.10) = 26.0 3.4 6

LSD (0.25) = 18.1 2.4 4

C.V. = 11.8 10.5

Rich Schleuning

firstnecb@hotmail.com, (815) 985-3577

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$3.50 Local GMO
\$3.50 non-GMO

Test Comments: *This site got off to rough start like everybody else this season. Cool wet conditions resulted in poor uneven seedling emergence. At harvest, crop height varied widely. Some plants had ears positioned only 2.5 feet above the ground. Stalk quality was weak here, just like the surrounding field which was mostly lodged.*

† 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: 11/24/2014 Revised:

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All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Channel	197-68STXRIB	STX,B	AC,P5V	97					
Channel	202-64STXRIB	STX,B	AC,P5V	102					
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98					
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103					
Great Lakes	4548STX	STX	AC,P5V	95					
Great Lakes	4879STXRIB	STX,B	AC,P5V	98					
Great Lakes	5015STXRIB	STX,B	AC,P5V	100					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Great Lakes	5428STXRIB	STX,B	AC,P5V	104					
Hyland	8505RA GC	STX,B	CM,C2	101					
Integra	5007GSSRIB	STX,B	AC,P2	100					
Integra	5151GSSRIB	STX,B	AC,P2	101					
Integra	5441GSSRIB	STX,B	AC,P2	104					
Integra	9482VT3PRIB	VT3P,B	AC,P2	98					
NK Brand	N42Z-3111A GC	3111A	AVC,C5	99					
NK Brand	N45P-3011A	3011A	AVC,C5	101					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98					
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100					
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102					
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98					
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96					
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102					
NuTech/G2 Gen	5Z-295^	OI	MQ,P1V,R	95					
Renk	RK581SSTX	STX,B	AC,P2	100					
Renk	RK591GTCBLLRWBLA	3111A	CM,C2	99					
Renk	RK596SSTX	STX	AC,P2	98					
Renk	RK605SSTX	STX	AC,P2	100					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Renk	RK633SSTX	STX,B	AC,P2	101					
Renk	RK666SSTX	STX,B	AC,P2	102					
Rupp	xr8414	STX,B	AC,P2	100					
Rupp	xrD97-56	VT2P,B	AC,P2	97					
Rupp	xrD99-30	VT2P,B	AC,P2	99					
Rupp	xrJ03-31	STX,B	AC,P5V	103					
Rupp	xrJ97-17	STX,B	AC,P5V	97					
Seed Consultants	SCS 1015YHR^	OI,B	MQ,C2	102					
Seed Consultants	SCS 10HQ34^	HXT,RR2	MQ,C2	103					
Seed Consultants	SCS 10HR43^	HX,RR2	MQ,P1V	104					
Specialty	29A263	STX,B	AC,P5V	99					
Steyer	10004GENSS RIB	STX,B	CM,C2	100					
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101					
Steyer	10403VT2PRIB	VT2P,B	CM,C2	104					
Steyer	9603VT2PRO RIB	VT2P,B	CM,C2	96					
Steyer	9801	GT	CM,C2	98					

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.