

2014 Corn Grain Top 30 Harvest Report
 Michigan West Central [MIWC] BRECKENRIDGE
 Josh Humm, Gratiot County, MI 48847



PREV. CROP/HERB: Soybean / glyphosate
 SOIL DESCRIPTION: Loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 3.3% OM
 PEST MANAGEMENT: atrazine, glyphosate, Force
 FERTILITY - Applied N: 150 Spring, 40 Planter
 Applied N-P-K (units): 190-0-0
 SEEDING - RATE - ROW: May 30 35,000 /A 30" spacing
 HARVESTED - STAND: Nov 21 31,100 /A

All-Season Test
95 - 104 Day CRM
 B2014MIWC46

Top 30 of 45
 For Gross Income (Sorted by Yield)
 Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102	176.6	21.8	0	30.2	588	1
Channel	197-68STXRIB	STX,B	AC,P5V	97	172.3	21.8	0	32.2	574	3
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98	171.3	19.9	0	33.2	579	2
Steyer	9801	GT	CM,C2	98	168.1	21.0	0	30.2	563	4
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	165.9	21.8	0	32.2	552	6
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98	164.9	19.0	0	30.2	561	5
Renk	RK629VT3P	VT3P,B	AC,P2	101	163.8	20.2	0	30.2	552	7
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	163.4	21.2	0	28.1	547	8
Rupp	xrJ03-31	STX,B	AC,P5V	103	163.2	21.1	0	31.2	546	9
Integra	5151GSSRIB	STX,B	AC,P2	101	161.6	22.1	0	31.2	537	11
Renk	RK633SSTX	STX,B	AC,P2	101	160.5	20.6	0	31.2	539	10
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	159.6	21.8	0	30.2	531	16
Seed Consultants	SCS 1015YHR^	OI,B	MQ,C2	102	159.2	20.8	0	31.2	534	13
Integra	5441GSSRIB	STX,B	AC,P2	104	159.0	23.3	0	30.2	524	24
Great Lakes	4548STX	STX	AC,P5V	95	158.6	19.8	0	32.2	536	12
Specialty	29A263	STX,B	AC,P5V	99	158.3	20.4	0	31.2	533	14
NK Brand	N45P-3011A	3011A	AVC,C5	101	158.3	21.3	0	31.2	529	18
Renk	RK666SSTX	STX,B	AC,P2	102	158.3	22.4	0	32.2	525	23
NuTech/G2 Gen	5Z-295^	OI	MQ,P1V,R	95	157.6	19.7	0	32.2	533	15
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	157.3	20.4	0	31.2	529	19
Seed Consultants	SCS 10HR43^	HX,RR2	MQ,P1V	104	157.3	22.6	0	33.2	521	26
Hyland	8505RA GC	STX,B	CM,C2	101	157.2	21.1	0	32.2	526	22
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	156.7	20.4	0	33.2	527	21
Renk	RK605SSTX	STX	AC,P2	100	156.5	19.9	0	31.2	529	20
Rupp	xrD99-30	VT2P,B	AC,P2	99	156.4	21.1	0	33.2	524	25
Renk	RK581SSTX	STX,B	AC,P2	100	156.3	19.3	0	32.2	530	17
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	156.2	21.6	0	30.2	521	27
Steyer	10004GENSS RIB	STX,B	CM,C2	100	156.2	22.3	1	31.2	518	28
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	155.9	22.8	0	31.2	515	29
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	153.1	22.4	0	32.2	508	30

Test Average = **154.3** **21.1** **0** **31.1** **516**

LSD (0.10) = 23.9 2.0 ns

LSD (0.25) = 16.6 1.4 ns

C.V. = 9.2 5.7

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

Test Comments: *The heavy rains this year made for a later planting, tough ground conditions and light ponding resulting in final stand reduction. One replication was removed from the summary to minimize yield impact from these conditions. Light disease of blight and gray leaf spot was noticed on a July 22 visit at crop stage V10 to V11. Crop was standing nice at harvest with good stalk quality and ear retention.*

† 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
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

Company/Brand	Product/Brand	Technol.	Seed Trt	RM

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.