

2014 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] BROWN CITY

Dwight Bartle, Lapeer County, MI 48416



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

PREV. CROP/HERB: Soybean / glyphosate
 SOIL DESCRIPTION: Clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 7 pH, 3.1% OM
 PEST MANAGEMENT: Lexar, Force
 FERTILITY - Applied N: 165 Spring, 23 Planter
 Applied N-P-K (units): 188-0-0
 SEEDING - RATE - ROW: May 24 35,000 /A 30" spacing
 HARVESTED - STAND: Nov 15 34,900 /A

All-Season Test

92 - 101 Day CRM

B2014MITH41

Top 30 of 48

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
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	243.5	21.9	0	36.2	810	1
Hyland	4425	3000GT	CM,C2	98	239.7	20.3	1	33.5	807	2
Channel	197-68STXRIB	STX,B	AC,P5V	97	237.3	22.1	0	34.2	788	4
Rupp	xrD90-64	3220,B	CM,C2	90	232.2	17.9	4	34.9	796	3
Renk	RK591GTCBLLRWBL†	3111A	CM,C2	99	227.8	21.1	2	34.9	763	9
Renk	RK605SSTX	STX	AC,P2	100	226.7	19.1	0	34.2	770	5
Renk	RK568VT3P	VT3P,B	AC,P2	95	226.5	19.9	1	35.5	765	8
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	224.0	20.3	4	34.9	754	12
Channel	196-06VT3PRIB	VT3P,B	AC,P5V	96	223.5	17.8	1	34.9	767	6
Great Lakes	4250STX	STX	AC,P5V	92	223.5	17.9	0	34.9	766	7
Steyer	9203VT2PRIB	VT2P,B	CM,C2	92	223.4	19.6	1	35.5	756	11
Rupp	xrT94-06	VT3P,B	AC,P2	94	223.2	19.4	1	35.5	757	10
Great Lakes	4548STX	STX	AC,P5V	95	221.5	20.3	0	34.2	746	15
NuTech/G2 Gen	5Z-295^	OI	MQ,P1V,R	95	220.3	19.1	2	35.5	748	13
Channel	200-91VT3PRIB	VT3P,B	AC,P5V	100	220.0	21.8	0	34.9	733	18
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	218.0	17.9	0	34.9	747	14
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	217.3	18.3	1	35.5	743	16
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	217.1	20.0	2	34.9	733	19
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	216.8	21.3	1	32.9	725	21
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	214.6	19.6	1	35.5	726	20
NuTech/G2 Gen	5X-894^	HXT,RR2	MQ,P5V	94	214.3	18.0	2	36.2	734	17
Hyland	5510	HXT,RR2	CM,C2	101	214.0	24.1	3	34.2	700	28
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98	212.6	19.3	1	35.5	721	22
Dairyland	DS9694RA	STX,B	CM,C2	94	211.2	20.6	1	34.9	710	23
Rupp	xr8414	STX,B	AC,P2	100	209.0	21.1	0	34.2	700	29
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98	208.1	20.5	0	34.9	700	30
Hyland	8315RA	STX,B	CM,C2	92	208.0	19.6	1	34.9	704	25
M & W Seeds	46J11 GC	VT2P,B	AC,P2	96	206.3	18.4	2	34.2	705	24
Rupp	xrD97-56	VT2P,B	AC,P2	97	206.1	18.3	1	34.9	704	26
Renk	RK492SSTX	STX,B	AC,P2	93	205.9	18.6	1	35.5	702	27

Test Average = **210.4** **20.3** **1** **34.9** **709**

LSD (0.10) = 24.7 1.6 2

LSD (0.25) = 17.2 1.1 1

C.V. = 8.6 5.7

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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: *A nice uniform seedling emergence her due to some nice showers. A dry spell in July made for good deep roots. A nice 2 inch rain over two days came in early July. On a July 23 visit at crop stage V15 to V17, some light diseases, consisting of northern corn leaf blight, rust and gray leaf spot, were observed.*

† 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: 11/23/2014 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.