

2014 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] BRECKENRIDGE

Josh Humm, Gratiot County, MI 48847



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

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 30,900 /A

All-Season Test

92 - 101 Day CRM

B2014MITH43

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
Hyland	5510	HXT,RR2	CM,C2	101	174.0	22.3	0	32.2	577	1
Channel	197-68STXRIB	STX,B	AC,P5V	97	166.5	21.5	0	31.5	556	2
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	166.4	22.9	0	31.5	550	3
Renk	RK581SSTX	STX,B	AC,P2	100	163.3	22.6	0	30.2	541	4
Steyer	9801	GT	CM,C2	98	158.0	22.5	0	31.5	523	8
Rupp	xrD90-64	3220,B	CM,C2	90	157.8	20.8	0	31.5	529	5
Dairyland	DS9900SSX	STX	CM,C2	99	157.7	22.6	0	31.5	522	9
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	157.4	23.7	0	30.2	517	11
Rupp	xrD97-56	VT2P,B	AC,P2	97	156.7	20.2	0	30.9	528	6
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	155.4	21.3	0	32.2	519	10
Renk	RK557SSTX	STX,B	AC,P2	95	155.3	21.9	0	30.9	517	12
Integra	5151GSSRIB	STX,B	AC,P2	101	154.7	22.8	0	32.9	511	16
Channel	200-91VT3PRIB	VT3P,B	AC,P5V	100	154.3	19.1	0	30.9	524	7
Channel	196-06VT3PRIB	VT3P,B	AC,P5V	96	154.2	22.3	0	30.2	512	15
Rupp	xrT94-06	VT3P,B	AC,P2	94	154.1	21.2	0	29.5	515	14
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	153.7	20.4	0	30.2	517	13
Great Lakes	4548STX	STX	AC,P5V	95	148.0	22.5	0	32.2	490	17
Hyland	4425	3000GT	CM,C2	98	147.5	22.1	0	30.2	490	18
Dairyland	DS9694RA	STX,B	CM,C2	94	147.5	22.0	1	31.5	490	19
Renk	RK591GTCBLLRWBL^	3111A	CM,C2	99	147.5	23.6	0	32.9	485	20
NK Brand	N45P-3011A GC	3011A	AVC,C5	101	146.4	23.8	0	30.8	480	23
Dairyland	DS9791RA	STX,B	CM,C2	91	143.7	21.0	0	32.2	481	21
Rupp	xrD99-30	VT2P,B	AC,P2	99	143.7	21.3	0	30.9	480	24
Renk	RK522SSTX	STX,B	AC,P2	94	143.7	21.6	0	30.8	479	25
Rupp	xrJ97-17	STX,B	AC,P5V	97	143.1	20.6	1	31.5	481	22
Renk	RK492SSTX	STX,B	AC,P2	93	141.0	19.1	0	30.9	479	26
Renk	RK568VT3P	VT3P,B	AC,P2	95	140.6	21.6	0	31.5	469	28
Hyland	8315RA	STX,B	CM,C2	92	140.2	23.1	0	30.9	462	30
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	140.0	19.1	0	31.5	476	27
M & W Seeds	46J11 GC	VT2P,B	AC,P2	96	138.5	21.1	0	30.2	464	29

Test Average = **143.4** **21.6** **0** **30.9** **478**

LSD (0.10) = 22.4 2.0 ns

LSD (0.25) = 15.6 1.4 ns

C.V. = 11.5 6.7

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: *The heavy rains this year made for a later planting, tough ground conditions and light ponding resulting in final stand reduction. Light disease of northern corn leaf 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

Additional reports available at www.firstseedtests.com

AgSCI Copyright 2014

Report date: 11/24/2014 Revised:

2014 Corn Grain - Michigan Thumb [MITH]



All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Channel	196-06VT3PRIB	VT3P,B	AC,P5V	96	Steyer	9203VT2PRIB	VT2P,B	CM,C2	92
Channel	197-68STXRIB	STX,B	AC,P5V	97	Steyer	9603VT2PRO RIB	VT2P,B	CM,C2	96
Channel	200-91VT3PRIB	VT3P,B	AC,P5V	100	Steyer	9801	GT	CM,C2	98
Channel	201-39STXRIB	STX,B	AC,P5V	101					
Dairyland	DS9694RA	STX,B	CM,C2	94					
Dairyland	DS9791RA	STX,B	CM,C2	91					
Dairyland	DS9900SSX	STX	CM,C2	99					
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98					
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103					
Great Lakes	4250STX	STX	AC,P5V	92					
Great Lakes	4548STX	STX	AC,P5V	95					
Great Lakes	4879STXRIB	STX,B	AC,P5V	98					
Great Lakes	5015STXRIB	STX,B	AC,P5V	100					
Hyland	4425	3000GT	CM,C2	98					
Hyland	5510	HXT,RR2	CM,C2	101					
Hyland	8315RA	STX,B	CM,C2	92					
Hyland	8445	STX	CM,C2	99					
Hyland	8450RA	STX,B	CM,C2	100					
Integra	5151GSSRIB	STX,B	AC,P2	101					
Integra	9482VT3PRIB	VT3P,B	AC,P2	98					
M & W Seeds	46J11 GC	VT2P,B	AC,P2	96					
NK Brand	N45P-3011A GC	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	5F-399^	AM,B	MQ,P5V	99					
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98					
NuTech/G2 Gen	5X-894^	HXT,RR2	MQ,P5V	94					
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96					
NuTech/G2 Gen	5Z-295^	OI	MQ,P1V,R	95					
Renk	RK492SSTX	STX,B	AC,P2	93					
Renk	RK522SSTX	STX,B	AC,P2	94					
Renk	RK557SSTX	STX,B	AC,P2	95					
Renk	RK568VT3P	VT3P,B	AC,P2	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					
Rupp	xr8414	STX,B	AC,P2	100					
Rupp	xrD90-64	3220,B	CM,C2	90					
Rupp	xrD97-56	VT2P,B	AC,P2	97					
Rupp	xrD99-30	VT2P,B	AC,P2	99					
Rupp	xrJ97-17	STX,B	AC,P5V	97					
Rupp	xrT94-06	VT3P,B	AC,P2	94					
Steyer	10004GENSS RIB	STX,B	CM,C2	100					
Steyer	10102VT2PRIB	VT2P,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. 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.