

2013 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] MIDLAND

Jim & Dave Terwillegar / Terwillegar Farms, Bay County, MI 48640



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

PREV. CROP/HERB: Sugarbeet
 SOIL DESCRIPTION: Sandy clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 3.2% OM
 PEST MANAGEMENT: Atrazine, Glyphosate, Force
 FERTILITY - Applied N: 175 Spring, 3 Planter
 Applied N-P-K (units): 178-vrt-vrt
 SEEDING - RATE - ROW: May 14 35,000 /A 30" spacing
 HARVESTED - STAND: Oct 30 32,500 /A

All-Season Test
92 - 101 Day CRM
 B2013MITH41

Top 30 of 54
 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
NuTech	5N-001	3000GT	MQ,C2	101	236.2	21.1	0	32.6	1,062	1
Hyland	8450RA	STX,B	CM,C2	97	233.4	21.8	0	33.2	1,046	2
NK Brand	N45P-3011A	3011A	AVC,C5	101	228.1	19.5	0	33.2	1,035	3
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	227.1	21.2	0	31.9	1,021	4
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99	225.6	21.2	0	31.9	1,014	8
<i>NuTech</i>	<i>5N-803</i>	<i>3000GT</i>	<i>MQ,C2</i>	<i>101</i>	<i>225.5</i>	<i>23.8</i>	<i>0</i>	<i>33.9</i>	<i>999</i>	<i>10</i>
Integra	9482VT3PRO	VT3P	AC,P2	98	223.9	19.3	0	30.6	1,017	7
Steyer	10102VT3PRO RIB	VT3P,B	SStd	101	222.6	17.9	0	32.6	1,019	6
Rupp	xrT94-06	VT3P	AC,P2	94	221.8	17.0	0	31.9	1,020	5
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	220.1	18.8	0	33.2	1,003	9
Great Lakes	4206STXRIB	STX,B	AC,P5V	92	217.4	17.7	0	32.6	996	11
Dairyland	DS9501SSX	STX	AVC,C2	100	215.8	18.5	0	31.9	985	12
Renk	RK581SSTX	STX	AC,P2	100	215.2	19.5	0	32.6	976	13
Steyer	10004GENSS RIB	STX,B	SStd	100	212.8	19.1	0	32.6	968	14
Seed Consultants	SCS 10HQ02 GC	HXT,RR2	MQ,P1V	100	212.2	21.4	3	31.2	953	16
Renk	RK633SSTX	STX	AC,P2	101	211.0	22.4	0	31.9	942	20
NuTech	5N-9802	3000GT	MQ,C2	98	210.0	19.4	0	32.6	953	17
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98	209.4	17.8	0	31.9	959	15
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	209.2	18.7	0	31.9	953	18
Hyland	4398	3000GT	CM,C2	96	209.1	18.8	0	33.2	952	19
Hyland	8505RA	STX,B	CM,C2	101	207.3	22.7	0	30.6	924	27
Dairyland	DS9898RA	STX,B	CM,C2	98	206.8	20.3	0	33.2	934	23
Hyland	HLCVR68	VT3	CM,C2	97	206.7	19.4	0	32.6	938	21
Integra	9412VT2PRIB	VT2P,B	AC,P2	92	204.2	17.5	0	31.9	937	22
Steyer	9203VT3PRO RIB	VT3P,B	SStd	92	204.1	18.1	0	33.9	933	24
Dairyland	DS9694SSX	STX	CM,C2	94	203.6	19.9	0	31.9	922	28
Channel	195-58STXRIB	STX,B	AC,P5V	95	203.5	18.0	0	31.9	931	25
Rupp	xrD90-64	3220,B	CM,C2	90	200.9	16.7	0	31.9	926	26
NuTech/G2 Gen	5Z-9605	OI	MQ,P1V,R	96	200.1	18.0	0	31.9	915	29
Steyer	9503VIP3111	3111	SStd	96	200.1	18.5	0	32.6	913	30

Test Average = **203.5** **19.1** **0** **32.5** **925**

Rich Schleuning

LSD (0.10) = 25.6 1.9 ns

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C.V. = 9.3 7.2

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$4.65}{n/a}$ Local GMO non-GMO

Test Comments: *Crop got off to a good start with a nice uniform emergence. In July, the area had hail that streamed all the leaves at corn growth stage V6. Strong winds in another late season storm caused a couple of plots to gooseneck in the saturated soil. Overall stalk quality was good with low disease pressure. Good quality dry grain and ears sized 14-16 kernels around and 32-38 kernels long were noted.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

Additional reports and searchable database available at www.firstseedtests.com

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Report date: 11/3/2013 Revised:

2013 Corn Grain - Michigan Thumb [MITH]



All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Channel	195-58STXRIB	STX,B	AC,P5V	95	Rupp	xrT94-06	VT3P	AC,P2	94
Dairyland	DS9501SSX	STX	AVC,C2	100	Seed Consultants	SCS 10HQ02 GC	HXT,RR2	MQ,P1V	100
Dairyland	DS9694SSX	STX	CM,C2	94	Steyer	10004GENSS RIB	STX,B	SStd	100
Dairyland	DS9791RA	STX,B	CM,C2	92	Steyer	10102VT3PRO RIB	VT3P,B	SStd	101
Dairyland	DS9898RA	STX,B	CM,C2	98	Steyer	9203VT3PRO RIB	VT3P,B	SStd	92
Great Lakes	4206STXRIB	STX,B	AC,P5V	92	Steyer	9503VIP3111	3111	SStd	96
Great Lakes	4567VT3PRIB	VT3P,B	AC,P5V	95	Steyer	9603VT2PRO RIB	VT2P,B	SStd	96
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	Stine	R9311VT3Pro	VT3P,B	AC,P2	93
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	Stine	R9422VT3Pro	VT3P,B	AC,P2	96
Hyland	4398	3000GT	CM,C2	96					
Hyland	8315RA	STX,B	CM,C2	92					
Hyland	8450RA	STX,B	CM,C2	97					
Hyland	8486RA	STX,B	CM,C2	100					
Hyland	8505RA	STX,B	CM,C2	101					
Hyland	8515RA	STX,B	CM,C2	101					
Hyland	HLCVR68	VT3	CM,C2	97					
Integra	5151GSSRIB	STX,B	AC,P5V	101					
Integra	9412VT2PRIB	VT2P,B	AC,P2	92					
Integra	9455VT3PRO	VT3P	AC,P2	95					
Integra	9482VT3PRO	VT3P	AC,P2	98					
NK Brand	N45P-3011A	3011A	AVC,C5	101					
NuTech	5N-001	3000GT	MQ,C2	101					
NuTech	5N-197	3000GT	MQ,C2	97					
NuTech	5N-803	3000GT	MQ,C2	101					
NuTech	5N-9404	3000GT	MQ,C2	94					
NuTech	5N-9802	3000GT	MQ,C2	98					
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98					
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99					
NuTech/G2 Gen	5X-193	HXT,RR2	MQ,C2	93					
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98					
NuTech/G2 Gen	5X-795	HXT,RR2	MQ,C2	94					
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94					
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100					
NuTech/G2 Gen	5Z-9605	OI	MQ,P1V,R	96					
Renk	RK522SSTX	STX	AC,P2	94					
Renk	RK557SSTX	STX	AC,P2	95					
Renk	RK568VT3P	VT3P	AC,P2	95					
Renk	RK581SSTX	STX	AC,P2	100					
Renk	RK585VT3P	VT3P	AC,P2	95					
Renk	RK598SSTX	STX,B	AC,P5V	100					
Renk	RK633SSTX	STX	AC,P2	101					
Rupp	xr8414	STX,B	AC,P2	100					
Rupp	xrD00-27	VT2P,B	AC,P2	100					
Rupp	xrD90-64	3220,B	CM,C2	90					
Rupp	xrJ98-11	STX,B	AC,P2	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. VPMaXX® 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®, VPMaXX® 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 F.I.R.S.T. 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,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.