

2013 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] PECK

Mark Johnston, Sanilac County, MI 48466



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

PREV. CROP/HERB: Sugarbeet
 SOIL DESCRIPTION: Clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, moderate K, 6.3 pH, 3.6% OM
 PEST MANAGEMENT: Atrazine, Roundup, Force, Headline
 FERTILITY - Applied N: 120 Fall, 3 Spring, 75 Planter
 Applied N-P-K (units): 198-96-107
 SEEDED - RATE - ROW: May 12 34,500 /A 30" spacing
 HARVESTED - STAND: Oct 29 32,900 /A

All-Season Test
92 - 101 Day CRM
 B2013MITH37

Top 30 of 54
 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	3F-198AM	AM-R,B	MQ,C2	98	278.1	19.9	0	33.9	1,259	1
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99	258.4	18.4	0	32.9	1,180	2
Integra	9482VT3PRO	VT3P	AC,P2	98	256.5	18.4	0	30.9	1,171	3
NuTech/G2 Gen	5X-193	HXT,RR2	MQ,C2	93	253.7	19.4	0	32.9	1,152	4
Dairyland	DS9501SSX	STX	AVC,C2	100	247.1	20.8	0	33.9	1,113	5
Renk	RK633SSTX	STX	AC,P2	101	246.0	21.7	0	31.9	1,103	6
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	242.8	21.5	0	32.9	1,090	9
NuTech	5N-9802	3000GT	MQ,C2	98	241.8	19.9	0	32.9	1,095	7
Renk	RK581SSTX	STX	AC,P2	100	241.7	22.8	0	31.9	1,077	12
NK Brand	N45P-3011A	3011A	AVC,C5	101	241.1	19.7	0	33.9	1,093	8
Hyland	8450RA	STX,B	CM,C2	97	240.2	23.1	0	32.9	1,068	16
Steyer	9503VIP3111	3111	SStd	96	238.4	20.3	0	33.9	1,077	13
Seed Consultants	SCS 10HQ02 GC	HXT,RR2	MQ,P1V	100	238.1	22.7	0	33.9	1,061	17
NuTech/G2 Gen	5X-795	HXT,RR2	MQ,C2	94	237.5	17.9	0	31.9	1,087	10
NuTech/G2 Gen	5Z-9605	OI	MQ,P1V,R	96	237.3	18.7	0	33.9	1,081	11
Steyer	9603VT2PRO RIB	VT2P,B	SStd	96	237.2	19.8	0	32.9	1,075	14
Channel	195-58STXRIB	STX,B	AC,P5V	95	234.6	18.4	0	32.9	1,071	15
Hyland	8505RA	STX,B	CM,C2	101	234.1	22.9	0	32.9	1,042	22
Renk	RK598SSTX	STX,B	AC,P5V	100	233.9	20.1	0	33.9	1,058	18
Rupp	xrJ98-11	STX,B	AC,P2	98	233.5	20.9	0	33.9	1,051	20
Steyer	10004GENSS RIB	STX,B	SStd	100	231.9	21.3	0	32.9	1,042	23
Hyland	8315RA	STX,B	CM,C2	92	231.7	18.7	0	31.9	1,056	19
Integra	5151GSSRIB	STX,B	AC,P5V	101	230.1	20.1	0	32.9	1,041	25
Rupp	xrD90-64	3220,B	CM,C2	90	230.0	18.3	1	32.9	1,051	21
Integra	9455VT3PRO	VT3P	AC,P2	95	229.7	19.5	0	32.9	1,042	24
Rupp	xrD00-27	VT2P,B	AC,P2	100	229.0	20.7	0	32.9	1,032	29
Hyland	8486RA	STX,B	CM,C2	100	228.3	20.6	0	33.9	1,030	30
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	228.0	18.7	0	33.9	1,039	26
Renk	RK568VT3P	VT3P	AC,P2	95	227.8	19.7	0	31.9	1,033	28
Dairyland	DS9791RA	STX,B	CM,C2	92	226.6	18.3	0	31.9	1,035	27

Test Average = **226.5** **19.6** **0** **32.9** **1,027**

Rich Schleuning

LSD (0.10) = 31.1 2.2 ns

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C.V. = 7.8 6.3

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

Test Comments: *Well, it is Michigan, as there was light damage from deer that was mostly lodging and some damage from a John Deere chopper on two passes (replication removed). Nice emergence as stand was close to target population. Corn leaf blight was high at this site. Stalk and ear retention was good with nice kernel depth, grain fill grain drydown and no ear tip die-back. Area yields are better than expected.*

† 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:

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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.