

## 2014 Corn Grain Top 30 Harvest Report

Michigan South [ MISO ] CHARLOTTE  
Jim & Dennis Orr, Eaton County, MI 49068



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

PREV. CROP/HERB: Soybean / glyphosate  
SOIL DESCRIPTION: Clay loam, moderately drained, no-till, non-irrigated  
SOIL CONDITION: Mod. High P, moderate K, 6.1 pH, 1.5% OM  
PEST MANAGEMENT: Lumax, glyphosate, Force  
FERTILITY - Applied N: 84 Fall, 100 Spring  
Applied N-P-K (units): 184-0-0  
SEEDED - RATE - ROW: May 29 34,000 /A 30" spacing  
HARVESTED - STAND: Nov 20 33,100 /A

### Early-Season Test

**96 - 101 Day CRM**  
B2014MISO33a

### Top 30 of 36

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
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	187.8	22.0	2	33.5	624	1
Rupp	xrJ97-17	STX,B	AC,P5V	97	185.2	21.0	1	32.2	620	4
Steyer	9801	GT	CM,C2	98	183.7	19.3	2	32.9	623	3
Steyer	9603VT2PRO RIB	VT2P,B	CM,C2	96	182.5	20.8	0	31.5	612	7
M & W Seeds	45A38	STX	CM,C2	101	181.6	19.4	2	32.2	616	5
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96	181.6	20.3	0	33.5	612	8
Channel	197-68STXRIB	STX,B	AC,P5V	97	181.3	20.6	1	33.5	609	9
Renk	RK605SSTX	STX	AC,P2	100	180.2	18.9	8	33.5	613	6
Integra	5151GSSRIB	STX,B	AC,P2	101	179.3	21.8	4	32.2	597	12
Renk	RK591GTCBLLRWBL/3111A	CM,C2	CM,C2	99	178.8	19.1	5	32.2	607	10
Renk	RK633SSTX	STX,B	AC,P2	101	178.0	20.4	1	32.9	599	11
NK Brand	N45P-3011A	3011A	AVC,C5	101	175.5	19.7	1	33.5	594	13
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	173.8	19.2	5	32.2	590	14
Renk	RK581SSTX	STX,B	AC,P2	100	172.4	21.9	12	33.5	574	16
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	171.1	19.9	12	33.5	578	15
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	170.8	21.4	0	33.5	570	17
Rupp	xrT94-06	VT3P,B	AC,P2	94	168.6	20.3	2	33.5	568	18
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	168.3	21.1	2	32.9	563	19
Pioneer	P0533AM1 GC	AM1,B	MQ,C2	105	167.9	21.1	6	33.5	562	20
Hyland	8445	STX	CM,C2	99	166.3	19.8	2	33.5	562	21
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	166.2	21.4	1	32.2	555	22
Hyland	8450RA	STX,B	CM,C2	100	166.0	21.7	3	33.5	553	24
NK Brand	N42Z-3111A	3111A	AVC,C5	99	164.4	21.0	7	33.5	551	26
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	163.9	20.3	5	33.5	552	25
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	163.2	19.1	2	33.5	554	23
M & W Seeds	46T80	STX,B	AC,P5V	97	161.1	21.3	3	34.2	538	28
Channel	199-54VT2PRIB	VT2P,B	AC,P5V	99	160.1	19.6	3	32.2	542	27
Hyland	8505RA	STX,B	CM,C2	101	159.6	22.0	7	31.5	531	30
Rupp	xrD97-56	VT2P,B	AC,P2	97	158.6	20.5	3	34.2	533	29
M & W Seeds	46J11	VT2P,B	AC,P2	96	154.4	18.7	2	32.9	526	31
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	185.3	20.2	1	34.2	624	2
Test Average =					<b>169.1</b>	<b>20.5</b>	<b>4</b>	<b>33.1</b>	<b>569</b>	
LSD (0.10) =					23.6	2.3	8			
LSD (0.25) =					16.4	1.6	6			
C.V. =					10.3	8.1				

Rich Schleuning

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

**Test Comments:** At harvest, stalk quality was weak, snow and lodging from high winds made corn hard to pick up with the combine head. Disease pressure was observed from anthracnose, light amount of pythium stalk rot, leaf blight and some ear mold. This area had more than it's share or rain this spring. The field surrounding the tests averaged 160 bu. per acre.

† 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](http://www.firstseedtests.com)

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Report date: 11/24/2014 Revised: 11/25/2014 Gross Income rank incorrectly assigned. New products at rows 14, 19, 24 & 28

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SOIL CONDITION: Mod. High P, moderate K, 6.1 pH, 1.5% OM  
PEST MANAGEMENT: Lumax, glyphosate, Force  
FERTILITY - Applied N: 84 Fall, 100 Spring  
Applied N-P-K (units): 184-0-0  
SEEDED - RATE - ROW: May 29 34,000 /A 30" spacing  
HARVESTED - STAND: Nov 20 31,200 /A

**Full-Season Test**  
**102 - 105 Day CRM**  
B2014MISO33b

**Top 30 of 36**  
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	5283STXRIB	STX,B	AC,P5V	102	<b>191.0</b>	23.4	2	32.2	628	1
Renk	RK752SSTX	STX,B	AC,P2	105	<b>186.4</b>	22.6	3	31.5	617	2
Renk	RK629VT3P	VT3P,B	AC,P2	101	181.4	21.1	22	30.8	607	4
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	181.0	19.7	7	31.5	612	3
Renk	RK699SSTX	STX,B	AC,P2	105	180.4	21.5	1	30.2	602	5
Great Lakes	5566STX	STX	AC,P5V	105	177.1	22.2	5	31.5	588	6
Select	4534SM RIB	STX,B	AC,P5V	106	175.9	23.5	1	30.9	578	8
Channel	202-32STXRIB	STX,B	AC,P5V	104	174.7	23.7	3	30.9	573	9
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	172.5	20.7	9	30.8	579	7
Hyland	8598RA	STX,B	CM,C2	106	170.6	21.8	2	31.5	568	10
AgriGold	A6358VT3PRIB	VT3P,B	AC,P5V	105	168.9	21.3	6	31.5	565	11
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	168.0	21.9	1	32.2	559	13
Dairyland	DS6805	STX	CM,C2	105	167.3	21.2	6	32.2	560	12
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	165.6	20.3	36	30.2	558	14
AgriGold	A6351STX	STX	AC,P5V	105	165.6	20.7	4	30.9	556	15
M & W Seeds	44D82	STX,B	AC,P5V	105	163.8	20.9	15	31.5	549	16
Steyer	10403VT2PRIB	VT2P,B	CM,C2	104	162.0	20.9	6	31.5	543	17
Rupp	xrD05-04	VT2P,B	AC,P2	105	161.4	21.3	15	30.9	539	19
Select	4134SM RIB	STX,B	AC,P5V	104	161.2	22.0	1	30.2	536	20
Dairyland	DS9305RA	STX,B	CM,C2	105	160.1	22.0	39	32.2	532	21
Steyer	10502VIP3111	3111	CM,C2	105	159.7	22.5	2	31.5	529	22
Channel	202-64STXRIB	STX,B	AC,P5V	102	158.6	21.8	2	30.9	528	23
M & W Seeds	44V21	STX,B	AC,P2	105	157.1	22.0	1	31.5	522	24
Hyland	8575RA	STX,B	CM,C2	104	156.3	23.5	10	30.8	514	26
Select	3829VP RIB	VT3P,B	AC,P2	103	155.1	22.2	3	30.2	515	25
NuTech/G2 Gen	5H-905^	HX,RR2	MQ,P5V	105	152.8	20.4	3	29.5	514	27
Renk	RK666SSTX	STX,B	AC,P2	102	152.4	22.2	3	32.9	506	28
M & W Seeds	45P88	VT3P	AC,P2	104	149.0	23.2	6	31.5	491	30
Hyland	8680RA	STX,B	CM,C2	105	147.9	20.9	3	30.2	496	29
Rupp	xrJ03-31	STX,B	AC,P5V	103	146.0	21.6	6	31.5	487	31
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	161.9	21.5	4	31.5	540	18
Test Average =					<b>162.0</b>	<b>21.7</b>	<b>7</b>	<b>31.2</b>	<b>540</b>	
LSD (0.10) =					22.2	2.4	17			
LSD (0.25) =					15.5	1.7	12			
C.V. =					10.1	8.2				

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

**Test Comments:** At harvest, stalk quality was weak, snow and lodging from high winds made corn hard to pick up with the combine head. Disease pressure was observed from anthracnose, light amount of pythium stalk rot, leaf blight and some ear mold. This area had more than it's share or rain this spring. The field surrounding the tests averaged 160 bu. per acre.

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Report date: 11/24/2014 Revised:

2014 Corn Grain - Michigan South [ MISO ]



Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96					
AgriGold	A6252STXRIB	STX,B	AC,P5V	100					
AgriGold	A6257STXRIB	STX,B	AC,P5V	100					
Channel	197-68STXRIB	STX,B	AC,P5V	97					
Channel	199-54VT2PRIB	VT2P,B	AC,P5V	99					
Dairyland	DS9900SSX	STX	CM,C2	99					
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98					
Great Lakes	4879STXRIB	STX,B	AC,P5V	98					
Great Lakes	5015STXRIB	STX,B	AC,P5V	100					
Hyland	5510	HXT,RR2	CM,C2	101					
Hyland	8445	STX	CM,C2	99					
Hyland	8450RA	STX,B	CM,C2	100					
Hyland	8505RA	STX,B	CM,C2	101					
Integra	5151GSSRIB	STX,B	AC,P2	101					
Integra	9482VT3PRIB	VT3P,B	AC,P2	98					
M & W Seeds	45A38	STX	CM,C2	101					
M & W Seeds	45M80	STX,B	AC,P5V	102					
M & W Seeds	46J11	VT2P,B	AC,P2	96					
M & W Seeds	46T80	STX,B	AC,P5V	97					
NK Brand	N42Z-3111A	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	5X-698^	HXT,RR2,AC	MQ,P5V	98					
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96					
Pioneer	P0533AM1 GC	AM1,B	MQ,C2	105					
Renk	RK581SSTX	STX,B	AC,P2	100					
Renk	RK591GTCBLLRWBLA	3111A	CM,C2	99					
Renk	RK605SSTX	STX	AC,P2	100					
Renk	RK633SSTX	STX,B	AC,P2	101					
Rupp	xrD97-56	VT2P,B	AC,P2	97					
Rupp	xrJ97-17	STX,B	AC,P5V	97					
Rupp	xrT94-06	VT3P,B	AC,P2	94					
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101					
Steyer	9603VT2PRO RIB	VT2P,B	CM,C2	96					
Steyer	9801	GT	CM,C2	98					

2014 Corn Grain - Michigan South [ MISO ]



**Full-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6267STXRIB	STX,B	AC,P5V	102					
AgriGold	A6351STX	STX	AC,P5V	105					
AgriGold	A6358VT3PRIB	VT3P,B	AC,P5V	105					
Channel	202-32STXRIB	STX,B	AC,P5V	104					
Channel	202-64STXRIB	STX,B	AC,P5V	102					
Dairyland	DS6805	STX	CM,C2	105					
Dairyland	DS6905	STX	CM,C2	105					
Dairyland	DS9305RA	STX,B	CM,C2	105					
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Great Lakes	5566STX	STX	AC,P5V	105					
Hyland	5597	HXT,RR2	CM,C2	105					
Hyland	8575RA	STX,B	CM,C2	104					
Hyland	8598RA	STX,B	CM,C2	106					
Hyland	8680RA	STX,B	CM,C2	105					
M & W Seeds	44D82	STX,B	AC,P5V	105					
M & W Seeds	44V21	STX,B	AC,P2	105					
M & W Seeds	45J99	VT2P,B	AC,P2	104					
M & W Seeds	45P88	VT3P	AC,P2	104					
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105					
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5H-905^	HX,RR2	MQ,P5V	105					
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Renk	RK666SSTX	STX,B	AC,P2	102					
Renk	RK699SSTX	STX,B	AC,P2	105					
Renk	RK752SSTX	STX,B	AC,P2	105					
Rupp	xrD05-04	VT2P,B	AC,P2	105					
Rupp	xrJ03-31	STX,B	AC,P5V	103					
Select	3829VP RIB	VT3P,B	AC,P2	103					
Select	4134SM RIB	STX,B	AC,P5V	104					
Select	4534SM RIB	STX,B	AC,P5V	106					
Steyer	10403VT2PRIB	VT2P,B	CM,C2	104					
Steyer	10502VIP3111	3111	CM,C2	105					
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102					
TA Seeds	TA544-28RIB	STX,B	CM,C2	104					

## 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 FIRST when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,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)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

\*\* Seed treatments may include unspecified plant health promoting components.