

# 2014 Corn Grain Top 30 Harvest Report

Michigan South [ MISO ] RIGA  
 Bill Bierman, Lenawee County, MI 49276



PREV. CROP/HERB: Alfalfa  
 SOIL DESCRIPTION: Silt loam, well drained, no-till, non-irrigated  
 SOIL CONDITION: High P, mod. high K, 6.4 pH, 3% OM  
 PEST MANAGEMENT: Roundup, Lumax, Force  
 FERTILITY - Applied N: 14 Spring, 156 Planter  
 Applied N-P-K (units): 170-18-0  
 SEEDED - RATE - ROW: May 28 34,000 /A 30" spacing  
 HARVESTED - STAND: Nov 10 32,200 /A

**Early-Season Test**  
**96 - 101 Day CRM**  
 B2014MISO37a

**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
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	<b>223.8</b>	22.0	0	32.2	744	1
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	<b>220.7</b>	23.7	0	32.9	724	3
Channel	197-68STXRIB	STX,B	AC,P5V	97	218.0	24.2	0	31.5	713	4
Pioneer	P0533AM1 GC	AM1,B	MQ,C2	105	216.7	24.2	1	32.9	709	6
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	216.7	24.7	0	32.2	706	9
M & W Seeds	45A38	STX	CM,C2	101	213.6	22.8	0	32.2	706	10
Rupp	xrJ97-17	STX,B	AC,P5V	97	213.2	22.3	0	30.9	707	8
Renk	RK605SSTX	STX	AC,P2	100	212.1	20.5	0	31.5	713	5
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96	212.1	21.4	0	32.9	708	7
Dairyland	DS9900SSX	STX	CM,C2	99	210.2	24.3	0	32.2	687	15
Rupp	xrT94-06	VT3P,B	AC,P2	94	209.2	20.6	0	32.2	703	11
NK Brand	N45P-3011A	3011A	AVC,C5	101	207.4	24.0	0	32.2	679	18
Integra	5151GSSRIB	STX,B	AC,P2	101	207.2	23.9	0	32.2	679	19
Renk	RK633SSTX	STX,B	AC,P2	101	207.0	23.3	0	32.2	682	17
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98	205.9	21.0	0	30.9	690	12
M & W Seeds	46T80	STX,B	AC,P5V	97	205.3	20.6	0	32.2	690	13
Renk	RK591GTCBLLRWBL^	3111A	CM,C2	99	204.9	20.5	0	31.5	689	14
Renk	RK581SSTX	STX,B	AC,P2	100	204.2	24.4	0	32.2	667	22
Hyland	8505RA	STX,B	CM,C2	101	203.5	25.2	0	33.5	660	26
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	203.3	22.4	1	32.2	674	20
Channel	199-54VT2PRIB	VT2P,B	AC,P5V	99	203.0	20.3	0	32.2	684	16
M & W Seeds	45M80	STX,B	AC,P5V	102	202.9	23.9	0	32.2	665	23
Hyland	8445	STX	CM,C2	99	201.5	23.7	0	32.2	661	25
Hyland	5510	HXT,RR2	CM,C2	101	200.3	23.8	0	31.5	657	31
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	199.2	21.5	0	31.5	665	24
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	198.8	22.6	0	32.2	658	29
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	196.6	18.4	1	31.5	671	21
NK Brand	N42Z-3111A	3111A	AVC,C5	99	195.5	20.4	1	32.9	658	30
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	195.3	19.9	0	31.5	660	27
M & W Seeds	46J11	VT2P,B	AC,P2	96	195.2	19.9	1	33.5	659	28
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	<b>223.3</b>	21.7	0	32.2	744	2
Test Average =					<b>204.2</b>	<b>22.3</b>	<b>1</b>	<b>32.2</b>	<b>678</b>	
LSD (0.10) =					15.4	1.5	2			
LSD (0.25) =					10.7	1.1	1			
C.V. =					5.5	5.0				

Rich Schleuning  
 firstnecb@hotmail.com, (815) 985-3577

**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:** *A little surprised that grain moistures were at this level considering the later planting date. The crop was standing well despite having disease infestations of gibberella stalk rot, anthracnose, some light diplodia ear rot and light leaf blight. Stands were reduced a bit more than normal due to the cool wet conditions this spring, but not a bad year for the weather conditions this season.*

† 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)

AgSCI Copyright 2014

Report date: 11/13/2014 Revised: 12/18/2014 Gross Income formula error revised, GI reranked, new products at rows 5 and 25

# 2014 Corn Grain Top 30 Harvest Report

Michigan South [ MISO ] RIGA  
 Bill Bierman, Lenawee County, MI 49276



PREV. CROP/HERB: Alfalfa  
 SOIL DESCRIPTION: Silt loam, well drained, no-till, non-irrigated  
 SOIL CONDITION: High P, mod. high K, 6.4 pH, 3% OM  
 PEST MANAGEMENT: Roundup, Lumax, Force  
 FERTILITY - Applied N: 14 Spring, 156 Planter  
 Applied N-P-K (units): 170-18-0  
 SEEDED - RATE - ROW: May 28 34,000 /A 30" spacing  
 HARVESTED - STAND: Nov 10 32,300 /A

**Full-Season Test**  
**102 - 105 Day CRM**  
 B2014MISO37b

**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
M & W Seeds	45P88	VT3P	AC,P2	104	218.3	24.9	0	30.9	710	1
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	216.5	25.0	0	32.9	704	3
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	216.2	24.3	1	32.2	706	2
Hyland	8680RA	STX,B	CM,C2	105	212.9	28.1	0	32.9	675	11
M & W Seeds	45J99	VT2P,B	AC,P2	104	211.8	25.3	0	32.9	687	5
Channel	202-32STXRIB	STX,B	AC,P5V	104	210.6	26.3	0	31.5	678	10
Dairyland	DS6905	STX	CM,C2	105	210.6	29.4	0	32.2	661	19
Select	4534SM RIB	STX,B	AC,P5V	106	210.4	26.8	1	32.2	674	12
Renk	RK629VT3P	VT3P,B	AC,P2	101	209.8	24.9	0	32.2	682	7
Select	3829VP RIB	VT3P,B	AC,P2	103	209.1	24.5	0	30.9	682	8
Channel	202-64STXRIB	STX,B	AC,P5V	102	209.1	25.1	0	32.2	679	9
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	208.3	26.7	0	31.5	668	15
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	207.3	27.3	0	33.5	662	18
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	206.7	26.2	0	30.9	666	16
Renk	RK666SSTX	STX,B	AC,P2	102	206.6	25.2	0	32.2	670	14
Rupp	xrJ03-31	STX,B	AC,P5V	103	206.1	26.0	0	33.5	665	17
Select	4134SM RIB	STX,B	AC,P5V	104	205.7	26.4	0	32.2	661	20
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	205.5	21.2	0	31.5	687	6
Renk	RK699SSTX	STX,B	AC,P2	105	204.0	26.9	0	32.2	653	24
Rupp	xrD05-04	VT2P,B	AC,P2	105	203.9	25.7	1	32.2	659	21
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	203.6	22.8	1	31.5	673	13
M & W Seeds	44D82	STX,B	AC,P5V	105	203.5	27.6	0	32.2	648	25
AgriGold	A6351STX	STX	AC,P5V	105	203.0	25.8	0	34.2	656	23
Great Lakes	5566STX	STX	AC,P5V	105	201.9	28.6	0	34.2	638	26
NuTech/G2 Gen	5H-905^	HX,RR2	MQ,P5V	105	201.4	24.3	0	31.5	658	22
Hyland	5597	HXT,RR2	CM,C2	105	199.7	28.1	0	32.9	634	27
Hyland	8598RA	STX,B	CM,C2	106	197.9	28.4	0	32.9	626	29
Renk	RK752SSTX	STX,B	AC,P2	105	195.8	28.4	0	32.2	620	31
AgriGold	A6358VT3PRIB	VT3P,B	AC,P5V	105	193.4	24.5	0	32.2	631	28
Steyer	10403VT2PRIB	VT2P,B	CM,C2	104	192.1	24.7	0	32.2	626	30
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	211.9	22.2	0	33.5	704	4

Test Average = **203.6** **26.1** **0** **32.3** **656**

LSD (0.10) = 16.0 1.4 1

LSD (0.25) = 11.1 1.0 0

C.V. = 5.8 3.9

Rich Schleuning  
 firstnecb@hotmail.com, (815) 985-3577

**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:** *A little surprised that grain moistures were at this level considering the later planting date. The crop was standing well despite having disease infestations of gibberella stalk rot, anthracnose, some light diplodia ear rot and light leaf blight. Stands were reduced a bit more than normal due to the cool wet conditions this spring, but not a bad year for the weather conditions this season.*

† 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)

AgSCI Copyright 2014

Report date: 11/13/2014 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® TRIsect® (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	Acceleron® 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.