

# 2014 Corn Grain Top 30 Harvest Report

Michigan South [ MISO ] READING  
Tom Schroeder, Hillsdale County, MI 49274



PREV. CROP/HERB: Soybean / Warrant, Roundup PowerMax  
SOIL DESCRIPTION: Sandy clay, well drained, conventional w/ fall till, irrigated  
SOIL CONDITION: High P, high K, 6.4 pH, 1.9% OM  
PEST MANAGEMENT: Degree Xtra, TripleFLEX, Force  
FERTILITY - Applied N: 140 Spring, 22 Planter  
Applied N-P-K (units): 162-18-0  
SEEDED - RATE - ROW: May 25 34,000 /A 30" spacing  
HARVESTED - STAND: Oct 29 33,200 /A

**Early-Season Test**  
**96 - 101 Day CRM**  
B2014MISO38a

**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
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	<b>218.4</b>	24.7	0	33.5	711	1
Renk	RK633SSTX	STX,B	AC,P2	101	<b>212.0</b>	23.4	0	32.9	697	3
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	<b>211.7</b>	23.3	0	32.9	697	4
M & W Seeds	45A38	STX	CM,C2	101	<b>210.9</b>	22.6	1	32.9	698	2
NK Brand	N45P-3011A	3011A	AVC,C5	101	203.3	22.6	0	32.2	673	7
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	203.0	21.8	0	32.2	676	6
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	202.3	22.9	0	32.2	668	8
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	201.9	20.4	0	32.9	679	5
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98	200.7	21.8	0	32.9	668	9
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	198.6	23.3	0	33.5	654	14
Hyland	8445	STX	CM,C2	99	198.4	21.8	0	31.5	661	12
M & W Seeds	46J11	VT2P,B	AC,P2	96	198.1	21.3	0	33.5	662	11
Steyer	9801	GT	CM,C2	98	196.3	22.7	0	33.5	649	16
M & W Seeds	45M80	STX,B	AC,P5V	102	196.1	23.7	0	33.5	644	19
Rupp	xrT94-06	VT3P,B	AC,P2	94	196.0	21.4	0	33.5	655	13
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	195.8	23.1	0	32.2	646	17
Hyland	8505RA	STX,B	CM,C2	101	194.9	25.3	0	33.5	632	21
Hyland	5510	HXT,RR2	CM,C2	101	193.9	24.7	0	31.5	632	22
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	193.5	20.0	0	32.9	653	15
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96	193.2	21.5	0	33.5	645	18
Pioneer	P0533AM1 GC	AM1,B	MQ,C2	105	191.9	25.2	0	32.9	623	29
Channel	197-68STXRIB	STX,B	AC,P5V	97	191.5	23.5	0	33.5	630	23
Integra	5151GSSRIB	STX,B	AC,P2	101	191.5	23.9	0	34.2	628	25
Rupp	xrD97-56	VT2P,B	AC,P2	97	190.8	21.6	0	34.2	636	20
Renk	RK581SSTX	STX,B	AC,P2	100	190.8	24.3	0	33.5	623	30
Rupp	xrJ97-17	STX,B	AC,P5V	97	190.5	23.4	0	33.5	627	27
NK Brand	N42Z-3111A	3111A	AVC,C5	99	189.9	22.4	1	33.5	630	24
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	188.0	22.0	0	33.5	625	28
M & W Seeds	46T80	STX,B	AC,P5V	97	186.3	20.1	0	33.5	628	26
Steyer	9603VT2PRO RIB	VT2P,B	CM,C2	96	185.1	21.7	0	34.2	617	31
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	198.0	20.8	0	34.2	664	10
Test Average =					<b>195.1</b>	<b>22.7</b>	<b>0</b>	<b>33.2</b>	<b>645</b>	
LSD (0.10) =					13.0	1.6	ns			
LSD (0.25) =					9.1	1.1	ns			
C.V. =					4.9	5.2				

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<b>Yield &amp; Income Factors:</b>	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.025	Price =	\$3.50 Local GMO
				\$3.50	non-GMO

**Test Comments:** *Early this season, this location got good heat units as corn was pollinating on July 25. The grain moisture difference between the early- and late-season tests shows season heat unit accumulation was low. This crop was 10+ feet tall with ear placement at 5 to 6 feet. Tom stated how this is one of the best crops he has ever seen, but would be nice to see some dry weather so they can cut beans.*

† 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

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Report date: 11/2/2014 Revised:

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FERTILITY - Applied N: 140 Spring, 22 Planter  
Applied N-P-K (units): 162-18-0  
SEEDED - RATE - ROW: May 25 34,000 /A 30" spacing  
HARVESTED - STAND: Oct 29 33,000 /A

**Full-Season Test**  
**102 - 105 Day CRM**  
B2014MISO38b

**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
Rupp	xrJ03-31	STX,B	AC,P5V	103	<b>223.3</b>	26.1	0	31.5	720	1
Steyer	10502VIP3111	3111	CM,C2	105	218.5	24.0	0	32.9	716	2
Great Lakes	5566STX	STX	AC,P5V	105	214.5	25.3	0	32.9	696	4
Channel	202-64STXRIB	STX,B	AC,P5V	102	213.1	28.6	0	33.5	673	11
M & W Seeds	45P88	VT3P	AC,P2	104	212.5	23.5	0	32.2	699	3
Hyland	8575RA	STX,B	CM,C2	104	212.0	26.4	0	33.5	682	7
Select	4534SM RIB	STX,B	AC,P5V	106	211.9	26.8	0	34.2	679	9
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	211.1	25.2	0	34.2	685	5
Steyer	10403VT2PRIB	VT2P,B	CM,C2	104	210.4	25.6	0	32.9	681	8
Dairyland	DS6905	STX	CM,C2	105	209.8	24.7	0	33.5	683	6
Renk	RK629VT3P	VT3P,B	AC,P2	101	209.4	26.5	0	32.9	673	12
M & W Seeds	44D82	STX,B	AC,P5V	105	209.4	26.7	0	33.5	672	13
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	206.5	23.4	0	33.5	679	10
M & W Seeds	44V21	STX,B	AC,P2	105	206.1	25.9	0	32.9	665	15
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	206.0	24.8	0	32.9	671	14
Dairyland	DS9305RA	STX,B	CM,C2	105	205.3	26.1	0	33.5	662	16
Rupp	xrD05-04	VT2P,B	AC,P2	105	203.1	25.4	0	33.5	658	17
Renk	RK666SSTX	STX,B	AC,P2	102	203.1	27.2	0	32.9	649	20
Renk	RK699SSTX	STX,B	AC,P2	105	201.2	25.3	0	32.9	652	19
Dairyland	DS6805	STX	CM,C2	105	199.9	24.4	0	32.9	653	18
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	199.8	25.9	0	32.9	645	21
M & W Seeds	45J99	VT2P,B	AC,P2	104	199.7	25.9	0	33.5	645	22
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	199.1	25.9	0	33.5	643	23
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	198.1	26.0	0	33.5	639	24
Hyland	8598RA	STX,B	CM,C2	106	196.9	26.9	0	33.5	631	26
AgriGold	A6358VT3PRIB	VT3P,B	AC,P5V	105	195.0	27.6	0	33.5	621	30
Select	4134SM RIB	STX,B	AC,P5V	104	194.4	23.9	0	33.5	637	25
NuTech/G2 Gen	5H-905^	HX,RR2	MQ,P5V	105	193.0	25.2	0	32.2	626	27
Select	3829VP RIB	VT3P,B	AC,P2	103	192.2	25.6	0	32.2	622	29
AgriGold	A6351STX	STX	AC,P5V	105	190.2	23.8	2	32.2	624	28
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	190.7	27.8	0	31.5	606	33
Test Average =					<b>202.2</b>	<b>25.9</b>	<b>0</b>	<b>33.0</b>	<b>653</b>	
LSD (0.10) =					17.5	3.3	1			
LSD (0.25) =					12.2	2.3	0			
C.V. =					6.4	9.4				

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<b>Yield &amp; Income Factors:</b>	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.025	Price = $\frac{\$3.50 \text{ Local GMO}}{\$3.50 \text{ non-GMO}}$
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**Early-Season Test Products (36 Total)**

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

Company/Brand	Product/Brand	Technol.	Seed Trt	RM

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. VPMa <sup>x</sup> ® 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®, VPMa <sup>x</sup> ® 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.