

# 2013 Corn Grain Top 30 Harvest Report

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



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

PREV. CROP/HERB: Wheat  
 SOIL DESCRIPTION: Loam, well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: High P, mod. high K, 6.4 pH, 3% OM  
 PEST MANAGEMENT: Roundup, Sharpen, Force  
 FERTILITY - Applied N: 14 Spring, 156 Planter  
 Applied N-P-K (units): 170-vrt-vrt  
 SEEDED - RATE - ROW: May 10 33,000 /A 30" spacing  
 HARVESTED - STAND: Oct 26 31,100 /A

## Early-Season Test

96 - 101 Day CRM  
 B2013MISO36a

## 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
Hyland	8505RA	STX,B	CM,C2	101	<b>253.0</b>	17.5	0	31.2	1,161	1
NuTech	5N-803	3000GT	MQ,C2	101	<b>247.8</b>	18.3	0	31.2	1,132	2
Steyer	9503VIP3111	3111	SStd	96	244.5	18.6	0	31.2	1,115	3
NK Brand	N45P-3011A	3011A	AVC,C5	101	243.0	18.0	0	30.6	1,112	4
NuTech	5N-9802	3000GT	MQ,C2	98	240.6	19.5	0	31.2	1,092	6
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	240.4	17.8	0	31.9	1,101	5
Renk	RK581SSTX	STX	AC,P2	100	238.6	18.2	0	32.6	1,090	7
Channel	197-33STXRIB	STX,B	AC,P5V	97	238.5	18.7	0	31.2	1,087	8
Stine	R9422VT3Pro	VT3P,B	AC,P2	96	238.0	18.5	0	30.6	1,086	9
Dairyland	DS9501SSX	STX	AVC,C2	100	236.2	18.7	0	31.2	1,076	10
Rupp	xrD00-27	VT2P,B	AC,P2	100	235.7	19.2	0	31.2	1,071	11
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	234.3	18.2	0	30.6	1,071	12
Pioneer	P0094AMX	AMX,B	MQ,P1V	100	233.5	18.2	0	30.6	1,067	13
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	231.8	17.4	0	31.2	1,064	14
Renk	RK598SSTX	STX,B	AC,P5V	100	230.0	18.1	0	32.6	1,052	15
Steyer	10102VT3PRO RIB	VT3P,B	SStd	101	229.3	17.6	0	30.6	1,051	16
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101	228.8	18.2	0	30.6	1,046	18
Rupp	xrJ98-11	STX,B	AC,P2	98	228.3	17.4	0	31.9	1,048	17
Dairyland	DS9898RA	STX,B	CM,C2	98	228.3	19.3	0	31.2	1,037	19
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	224.9	18.0	0	31.2	1,029	20
Rupp	xrD97-56	VT2P,B	AC,P2	97	221.9	18.4	0	31.9	1,013	21
Renk	RK633SSTX	STX	AC,P2	101	219.7	17.4	0	30.6	1,008	22
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	217.7	18.9	0	32.6	991	24
Steyer	10004GENSS RIB	STX,B	SStd	100	217.6	18.1	0	31.2	995	23
Steyer	9603VT2PRO RIB	VT2P,B	SStd	96	213.1	17.8	0	30.6	976	25
Integra	5151GSSRIB	STX,B	AC,P5V	101	212.9	17.7	0	30.6	976	26
NuTech	5N-001	3000GT	MQ,C2	101	212.8	18.0	0	30.6	974	27
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99	208.7	17.8	0	29.9	956	28
AgriGold	A6202VT3Pro	VT3P	AC,P5V	96	206.8	18.0	0	30.6	946	30
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	206.0	18.5	0	30.6	940	31
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100	209.5	18.8	0	32.6	954	29
Test Average =					<b>223.5</b>	<b>18.3</b>	<b>0</b>	<b>31.1</b>	<b>1,021</b>	
LSD (0.10) =					22.5	0.9	ns			
C.V. =					7.4	3.7				

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:** *Ideal conditions at planting made for good emergence. Crop was completely intact at harvest with ears hanging down. Light disease pressure included Anthracnose, corn leaf blight and rust. The full-season test showed more disease pressure than the early-season test. Plants had good root mass and prolific brace root development. Corn grain quality was good with a bright yellow color.*

† 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

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PREV. CROP/HERB: Wheat  
 SOIL DESCRIPTION: Loam, well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: High P, mod. high K, 6.4 pH, 3% OM  
 PEST MANAGEMENT: Roundup, Sharpen, Force  
 FERTILITY - Applied N: 14 Spring, 156 Planter  
 Applied N-P-K (units): 170-vrt-vrt  
 SEEDED - RATE - ROW: May 10 33,000 /A 30" spacing  
 HARVESTED - STAND: Oct 26 30,800 /A

**Full-Season Test**  
**102 - 105 Day CRM**  
 B2013MISO36b

**Top 30 of 30**  
 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
Dairyland	DS9305SSX	STX	CM,C2	105	<b>267.3</b>	19.7	0	30.5	1,212	1
Channel	205-38STXRIB	STX,B	AC,P5V	105	<b>263.4</b>	20.1	0	30.5	1,191	2
Steyer	10403VT3PRO RIB	VT3P,B	SStd	104	<b>263.4</b>	21.5	0	31.2	1,182	3
Hyland	8521RA	STX,B	CM,C2	105	261.6	20.2	0	30.5	1,182	4
Integra	5441GSSRIB	STX,B	AC,P2	104	257.8	23.0	0	30.5	1,147	5
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103	256.1	21.9	0	30.5	1,147	6
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	245.3	21.3	0	31.9	1,102	7
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	242.4	21.3	0	30.5	1,089	9
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	242.3	20.5	0	30.5	1,093	8
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	240.8	21.5	0	30.5	1,081	11
Stine	9425SS	STX	AC,P2	102	239.8	21.8	0	31.2	1,074	15
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102	239.2	20.1	0	30.5	1,082	10
Renk	RK752SSTX	STX,B	AC,P5V	105	236.4	18.8	0	31.9	1,077	13
AgriGold	A6267STX	STX	AC,P5V	102	236.1	18.8	0	31.2	1,075	14
Golden Harvest	G05T82-3122	3122,B	AVC,C5	105	235.8	21.5	0	29.9	1,058	20
Hyland	8575RA	STX,B	CM,C2	104	235.4	20.5	0	30.5	1,062	19
Renk	RK629VT3P	VT3P	AC,P2	102	235.3	20.3	0	31.2	1,063	18
Rupp	xr8034	3000GT	CM,C2	105	234.5	18.7	0	30.5	1,069	16
Hyland	4687	3000GT	CM,C2	105	233.7	18.6	0	30.5	1,066	17
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	233.1	20.4	0	30.5	1,052	21
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102	232.8	20.4	0	29.9	1,051	22
Rupp	xrJ03-31	STX	AC,P2	103	229.2	22.8	0	30.5	1,021	24
AgriGold	A6389VT3PRIB	VT3P,B	AC,P5V	105	227.3	21.6	0	30.5	1,019	26
Seed Consultants	SCS 1032AM1 GC	AM1,B	MQ,P1V	102	226.8	21.1	0	31.9	1,020	25
Hyland	8636RA	STX,B	CM,C2	105	226.8	21.5	0	31.2	1,018	27
Dairyland	DS9604SSX	STX	CM,C2	103	226.2	19.6	0	31.2	1,026	23
Renk	RK699SSTX	STX	AC,P2	105	225.1	21.0	0	31.9	1,013	28
Seed Consultants	SCS 10HR43 GC	HX,RR2	MQ,P1V	104	217.1	20.5	0	31.2	980	29
Renk	RK666SSTX	STX	AC,P2	102	209.7	19.9	0	30.5	949	30
Row intentionally blank										
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100	239.0	20.0	0	29.2	1,081	12
Test Average =					<b>238.7</b>	<b>20.6</b>	<b>0</b>	<b>30.8</b>	<b>1,076</b>	
LSD (0.10) =					24.1	ns	ns			
C.V. =					7.4	10.6				

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:** *Ideal conditions at planting made for good emergence. Crop was completely intact at harvest with ears hanging down. Light disease pressure included Anthracnose, corn leaf blight and rust. The full-season test showed more disease pressure than the early-season test. Plants had good root mass and prolific brace root development. Corn grain quality was good with a bright yellow color.*

† 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

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2013 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	A6202VT3Pro	VT3P	AC,P5V	96					
AgriGold	A6252STXRIB	STX,B	AC,P5V	100					
AgriGold	A6257STXRIB	STX,B	AC,P5V	100					
Channel	197-33STXRIB	STX,B	AC,P5V	97					
Channel	201-39STXRIB	STX,B	AC,P5V	101					
Dairyland	DS9501SSX	STX	AVC,C2	100					
Dairyland	DS9898RA	STX,B	CM,C2	98					
Great Lakes	4879STXRIB	STX,B	AC,P5V	98					
Great Lakes	5015STXRIB	STX,B	AC,P5V	100					
Hyland	8486RA	STX,B	CM,C2	100					
Hyland	8505RA	STX,B	CM,C2	101					
Hyland	8515RA	STX,B	CM,C2	101					
Integra	5151GSSRIB	STX,B	AC,P5V	101					
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-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	5Z-0105	OI	MQ,P1V,R	101					
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100					
Pioneer	P0094AMX	AMX,B	MQ,P1V	100					
Renk	RK581SSTX	STX	AC,P2	100					
Renk	RK598SSTX	STX,B	AC,P5V	100					
Renk	RK633SSTX	STX	AC,P2	101					
Rupp	xrD00-27	VT2P,B	AC,P2	100					
Rupp	xrD97-56	VT2P,B	AC,P2	97					
Rupp	xrJ98-11	STX,B	AC,P2	98					
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100					
Steyer	10004GENSS RIB	STX,B	SStd	100					
Steyer	10102VT3PRO RIB	VT3P,B	SStd	101					
Steyer	9503VIP3111	3111	SStd	96					
Steyer	9603VT2PRO RIB	VT2P,B	SStd	96					
Stine	R9422VT3Pro	VT3P,B	AC,P2	96					

2013 Corn Grain - Michigan South [ MISO ]



**Full-Season Test Products (30 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6267STX	STX	AC,P5V	102					
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105					
AgriGold	A6389VT3PRIB	VT3P,B	AC,P5V	105					
Channel	205-38STXRIB	STX,B	AC,P5V	105					
Dairyland	DS9305SSX	STX	CM,C2	105					
Dairyland	DS9604SSX	STX	CM,C2	103					
Golden Harvest	G05T82-3122	3122,B	AVC,C5	105					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103					
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105					
Hyland	4687	3000GT	CM,C2	105					
Hyland	8521RA	STX,B	CM,C2	105					
Hyland	8575RA	STX,B	CM,C2	104					
Hyland	8636RA	STX,B	CM,C2	105					
Integra	5441GSSRIB	STX,B	AC,P2	104					
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102					
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105					
Renk	RK629VT3P	VT3P	AC,P2	102					
Renk	RK666SSTX	STX	AC,P2	102					
Renk	RK699SSTX	STX	AC,P2	105					
Renk	RK752SSTX	STX,B	AC,P5V	105					
Rupp	xr8034	3000GT	CM,C2	105					
Rupp	xrJ03-31	STX	AC,P2	103					
Seed Consultants	SCS 1032AM1 GC	AM1,B	MQ,P1V	102					
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100					
Seed Consultants	SCS 10HR43 GC	HX,RR2	MQ,P1V	104					
Steyer	10403VT3PRO RIB	VT3P,B	SSid	104					
Stine	9425SS	STX	AC,P2	102					

## 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.