

# 2013 Corn Grain Top 30 Harvest Report

Michigan South [ MISO ] MASON

Tony Igl, Ingham County, MI 48845



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

PREV. CROP/HERB: Soybean / Glyphosate  
 SOIL DESCRIPTION: Clay loam, mod. well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 2% OM  
 PEST MANAGEMENT: Lumax, Force  
 FERTILITY - Applied N: 27 Fall, 3 Planter, 140 Side  
 Applied N-P-K (units): 170-69-120  
 SEEDED - RATE - ROW: May 14 33,500 /A 30" spacing  
 HARVESTED - STAND: Nov 11 31,300 /A

## Early-Season Test

96 - 101 Day CRM

B2013MISO32a

## 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
NuTech	5N-9802	3000GT	MQ,C2	98	<b>206.4</b>	17.1	0	31.9	949	1
Steyer	10102VT3PRO RIB	VT3P,B	SStd	101	196.8	17.6	0	31.2	902	2
NuTech	5N-197	3000GT	MQ,C2	97	196.2	19.2	0	31.9	892	3
Dairyland	DS9898RA	STX,B	CM,C2	98	195.3	18.3	0	31.2	892	4
Channel	197-33STXRIB	STX,B	AC,P5V	97	192.3	17.6	0	30.6	882	5
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	190.8	16.0	0	31.2	882	6
Dairyland	DS9501SSX	STX	AVC,C2	100	190.6	18.2	0	30.6	871	7
NuTech	5N-001	3000GT	MQ,C2	101	189.6	17.5	0	31.9	870	8
NK Brand	N45P-3011A	3011A	AVC,C5	101	188.8	17.7	0	30.6	865	10
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	188.3	17.1	0	31.9	866	9
Stine	R9422VT3Pro	VT3P,B	AC,P2	96	188.1	17.2	0	31.2	864	11
Renk	RK633SSTX	STX	AC,P2	101	187.7	17.0	0	31.9	863	12
AgriGold	A6202VT3Pro	VT3P	AC,P5V	96	187.4	17.4	0	31.2	860	13
Pioneer	P0094AMX	AMX,B	MQ,P1V	100	185.4	18.2	0	30.6	847	14
Steyer	10004GENSS RIB	STX,B	SStd	100	185.1	19.5	0	31.2	840	19
Steyer	9503VIP3111	3111	SStd	96	183.9	17.1	0	31.9	845	15
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	183.4	16.9	0	31.2	844	16
Channel	201-39STXRIB	STX,B	AC,P5V	101	183.4	17.3	0	31.9	842	17
Rupp	xrD97-56	VT2P,B	AC,P2	97	182.9	17.0	0	31.9	841	18
Hyland	8515RA	STX,B	CM,C2	101	182.9	19.8	0	31.9	829	20
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101	180.3	17.5	0	31.2	827	22
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99	180.2	17.0	0	31.2	829	21
Hyland	8505RA	STX,B	CM,C2	101	178.3	19.3	0	31.9	810	25
Steyer	9603VT2PRO RIB	VT2P,B	SStd	96	177.5	16.7	0	31.2	818	23
Integra	9482VT3PRO	VT3P	AC,P2	98	176.9	17.4	0	31.2	812	24
Integra	5151GSSRIB	STX,B	AC,P5V	101	176.0	18.5	0	31.9	803	27
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	175.6	18.2	0	31.2	802	29
Renk	RK598SSTX	STX,B	AC,P5V	100	174.9	16.4	0	30.6	807	26
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	174.3	17.1	0	30.6	801	30
Rupp	xrD00-27	VT2P,B	AC,P2	100	173.4	18.0	0	31.9	793	31
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100	175.9	18.4	0	31.9	803	28
Test Average =					<b>182.4</b>	<b>17.9</b>	<b>0</b>	<b>31.3</b>	<b>835</b>	
LSD (0.10) =					18.8	1.9	ns			
C.V. =					7.6	7.7				

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

**Test Comments:** Excessive early season moisture led to some ponding which hurt some plots. Ear size ranged from 16 to 20 kernel rows around and 28 to 32 kernels long with shallow kernel depth. Corn plants showed signs of nitrogen deficiency due in part to a dry spell and lack of moisture for nutrient uptake. The crop stood nicely at harvest but stalk quality was poor.

† 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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 SOIL DESCRIPTION: Clay loam, mod. well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 2% OM  
 PEST MANAGEMENT: Lumax, Force  
 FERTILITY - Applied N: 27 Fall, 3 Planter, 140 Side  
 Applied N-P-K (units): 170-69-120  
 SEEDED - RATE - ROW: May 14 33,500 /A 30" spacing  
 HARVESTED - STAND: Nov 11 31,200 /A

**Full-Season Test**  
**102 - 105 Day CRM**  
 B2013MISO32b

**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
Hyland	4687	3000GT	CM,C2	105	<b>225.1</b>	22.9	0	31.9	1,002	1
AgriGold	A6389VT3PRIB	VT3P,B	AC,P5V	105	207.8	20.2	0	30.5	939	2
Renk	RK629VT3P	VT3P	AC,P2	102	198.2	17.8	0	29.9	908	3
Seed Consultants	SCS 10HR43 GC	HX,RR2	MQ,P1V	104	197.9	18.4	0	30.5	903	4
Hyland	8521RA	STX,B	CM,C2	105	196.6	19.0	0	31.9	895	6
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102	196.1	18.0	1	30.5	897	5
Stine	9425SS	STX	AC,P2	102	194.9	18.8	0	31.9	888	9
Renk	RK666SSTX	STX	AC,P2	102	194.8	18.0	0	31.9	891	7
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	194.1	17.4	0	31.9	891	8
Renk	RK699SSTX	STX	AC,P2	105	192.5	20.9	0	31.2	867	12
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102	191.3	18.3	0	31.9	874	10
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103	190.0	17.2	0	30.5	873	11
Dairyland	DS9305SSX	STX	CM,C2	105	188.0	18.3	0	31.2	859	14
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	187.8	17.9	0	31.9	860	13
Hyland	8636RA	STX,B	CM,C2	105	187.8	19.7	0	30.5	851	15
Channel	205-38STXRIB	STX,B	AC,P5V	105	185.5	18.9	3	30.5	844	16
Golden Harvest	G05T82-3122	3122,B	AVC,C5	105	185.2	21.1	0	31.2	833	21
Rupp	xrJ03-31	STX	AC,P2	103	185.0	19.2	0	31.2	841	17
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	184.4	18.5	0	31.2	841	18
Dairyland	DS9604SSX	STX	CM,C2	103	183.5	20.7	0	30.5	827	23
Steyer	10403VT3PRO RIB	VT3P,B	SStd	104	182.3	17.6	0	31.9	836	19
Integra	5441GSSRIB	STX,B	AC,P2	104	182.2	17.7	0	31.2	835	20
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	181.4	17.5	0	31.2	832	22
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100	180.2	18.1	0	31.2	824	24
AgriGold	A6267STX	STX	AC,P5V	102	179.6	18.0	0	31.9	822	25
Hyland	8575RA	STX,B	CM,C2	104	179.2	18.5	0	31.2	818	26
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	176.9	18.7	0	31.9	806	27
Renk	RK752SSTX	STX,B	AC,P5V	105	176.6	18.6	0	31.2	805	28
Seed Consultants	SCS 1032AM1 GC	AM1,B	MQ,P1V	102	174.0	18.1	0	31.2	796	29
Rupp	xr8034	3000GT	CM,C2	105	172.7	19.5	0	30.5	784	30

Test Average = **188.4** **18.8** **0** **31.2** **858**

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LSD (0.10) = 19.9 2.0 ns

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C.V. = 7.7 8.0

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:** Excessive early season moisture led to some ponding which hurt some plots. Ear size ranged from 16 to 20 kernel rows around and 28 to 32 kernels long with shallow kernel depth. Corn plants showed signs of nitrogen deficiency due in part to a dry spell and lack of moisture for nutrient uptake. The crop stood nicely at harvest but stalk quality was poor.

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**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.