

2014 Corn Grain Top 30 Harvest Report
 Michigan South [MISO] MARSHALL
 Jeff & Greg Fountain, Calhoun County, MI 49068



PREV. CROP/HERB: Soybean / glyphosate
 SOIL DESCRIPTION: Sandy clay, moderately drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.2 pH, 2% OM
 PEST MANAGEMENT: Halex GT, Force
 FERTILITY - Applied N: 100 Spring, 9 Planter, 84 Sidedress
 Applied N-P-K (units): 193-vrt-vrt
 SEEDING - RATE - ROW: May 29 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 20 32,900 /A

Early-Season Test
96 - 101 Day CRM
 B2014MISO36a

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
Renk	RK591GTCBLLRWBL	3111A	CM,C2	99	175.4	21.3	0	33.5	586	1
Pioneer	P0533AM1 GC	AM1,B	MQ,C2	105	173.4	22.1	1	34.2	576	2
Channel	199-54VT2PRIB	VT2P,B	AC,P5V	99	167.3	20.6	0	33.5	562	5
M & W Seeds	46J11	VT2P,B	AC,P2	96	166.8	19.3	0	30.8	566	3
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	166.7	20.8	0	33.5	559	6
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96	166.5	19.7	0	32.9	563	4
M & W Seeds	45M80	STX,B	AC,P5V	102	162.4	21.3	0	29.5	543	8
Steyer	9603VT2PRO RIB	VT2P,B	CM,C2	96	162.2	19.6	0	34.2	549	7
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	160.3	22.0	0	32.9	533	9
Renk	RK633SSTX	STX,B	AC,P2	101	158.7	21.7	0	34.2	529	10
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	157.0	21.2	0	31.5	525	12
NK Brand	N42Z-3111A	3111A	AVC,C5	99	156.0	20.9	0	34.2	523	13
Renk	RK581SSTX	STX,B	AC,P2	100	155.9	20.1	0	32.2	526	11
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	155.4	21.6	0	33.5	518	15
M & W Seeds	45A38	STX	CM,C2	101	154.5	19.8	0	31.5	522	14
Integra	5151GSSRIB	STX,B	AC,P2	101	153.4	21.7	0	32.9	511	16
Dairyland	DS9900SSX	STX	CM,C2	99	152.5	20.9	0	33.5	511	17
Hyland	8445	STX	CM,C2	99	150.9	21.1	1	32.2	505	23
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	150.7	20.8	1	32.9	506	22
Hyland	5510	HXT,RR2	CM,C2	101	150.6	22.3	0	33.5	500	24
Rupp	xrT94-06	VT3P,B	AC,P2	94	150.4	19.7	0	33.5	509	19
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98	150.0	19.8	0	33.5	507	20
Rupp	xrJ97-17	STX,B	AC,P5V	97	148.6	20.6	0	32.9	499	25
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	148.5	18.3	0	33.5	507	21
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	146.7	19.1	0	32.9	498	26
Channel	197-68STXRIB	STX,B	AC,P5V	97	146.1	21.2	0	32.2	489	28
NK Brand	N45P-3011A	3011A	AVC,C5	101	144.5	21.5	0	33.5	482	31
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	144.4	20.8	0	33.5	484	30
Renk	RK605SSTX	STX	AC,P2	100	144.1	19.5	0	32.9	488	29
M & W Seeds	46T80	STX,B	AC,P5V	97	143.9	18.6	0	30.9	491	27
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	152.3	20.9	0	32.2	511	18
Test Average =					153.6	20.8	0	32.9	515	
LSD (0.10) =					22.5	1.7	0			
LSD (0.25) =					15.7	1.2	0			
C.V. =					10.8	5.9				

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

Test Comments: A location visit in late July found crop in the V11 to V12 growth stage, some foliar disease pressure present in the top of plants and a lot of common smut. Some areas were starting to show a nitrogen deficiency. There was some sidewall compaction here too. Final stands were good and stalks were still holding up at harvest with light lodging.

† See last page for abbreviation descriptions. Dark colored row identifies the check product used 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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 FERTILITY - Applied N: 100 Spring, 9 Planter, 84 Sidedress
 Applied N-P-K (units): 193-vrt-vrt
 SEEDED - RATE - ROW: May 29 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 20 32,900 /A

Full-Season Test
102 - 105 Day CRM
 B2014MISO36b

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/G2 Gen	5H-905^	HX,RR2	MQ,P5V	105	177.4	23.4	0	32.2	584	1
Rupp	xrJ03-31	STX,B	AC,P5V	103	170.8	22.2	0	32.9	567	2
Select	4534SM RIB	STX,B	AC,P5V	106	170.4	24.1	0	33.5	558	3
Dairyland	DS6905	STX	CM,C2	105	169.1	25.5	0	32.2	547	6
Dairyland	DS9305RA	STX,B	CM,C2	105	166.5	25.3	0	32.9	540	10
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	165.6	22.4	0	34.2	549	4
Select	3829VP RIB	VT3P,B	AC,P2	103	164.8	23.0	0	32.9	544	7
Steyer	10403VT2PRIB	VT2P,B	CM,C2	104	164.4	21.6	0	33.5	548	5
Hyland	8598RA	STX,B	CM,C2	106	164.3	23.0	0	32.2	542	9
AgriGold	A6351STX	STX	AC,P5V	105	164.1	22.7	0	30.8	543	8
Select	4134SM RIB	STX,B	AC,P5V	104	162.6	23.0	0	33.5	537	11
Dairyland	DS6805	STX	CM,C2	105	161.9	23.4	0	32.9	533	12
Hyland	8680RA	STX,B	CM,C2	105	161.5	25.3	0	32.9	524	18
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	161.1	23.7	0	33.5	529	14
M & W Seeds	45J99	VT2P,B	AC,P2	104	161.0	24.0	0	34.2	527	17
Great Lakes	5566STX	STX	AC,P5V	105	160.2	23.0	0	33.5	529	15
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	160.0	23.0	0	32.2	528	16
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	158.7	24.0	0	33.5	520	21
Rupp	xrD05-04	VT2P,B	AC,P2	105	158.6	22.8	0	32.9	524	19
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	157.8	22.6	0	32.2	522	20
M & W Seeds	45P88	VT3P	AC,P2	104	156.8	23.2	0	32.9	517	22
Renk	RK752SSTX	STX,B	AC,P2	105	156.0	25.6	0	33.5	505	26
Renk	RK666SSTX	STX,B	AC,P2	102	154.6	22.5	0	32.9	512	23
Steyer	10502VIP3111	3111	CM,C2	105	154.4	23.7	0	33.5	507	25
M & W Seeds	44V21	STX,B	AC,P2	105	154.0	24.2	0	34.2	504	27
Renk	RK699SSTX	STX,B	AC,P2	105	154.0	24.4	0	30.9	503	28
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	153.5	22.6	0	31.5	508	24
AgriGold	A6358VT3PRIB	VT3P,B	AC,P5V	105	153.1	23.8	0	34.2	502	29
Channel	202-32STXRIB	STX,B	AC,P5V	104	150.8	23.2	0	31.5	497	30
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	149.5	21.9	1	32.2	497	31
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	159.1	21.1	0	34.2	533	13
Test Average =					158.0	23.4	0	32.9	520	
LSD (0.10) =					19.4	1.5	0			
LSD (0.25) =					13.5	1.0	0			
C.V. =					9.0	4.6				

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 location visit in late July found crop in the V11 to V12 growth stage, some foliar disease pressure present in the top of plants and a lot of common smut. Some areas were starting to show a nitrogen deficiency. There was some sidewall compaction here too. Final stands were good and stalks were still holding up at harvest with light lodging.

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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.