

2014 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 / Liberty
 SOIL DESCRIPTION: Clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 2% OM
 PEST MANAGEMENT: Lumax, glyphosate, Force
 FERTILITY - Applied N: 27 Fall, 9 Planter, 140 Sidedress
 Applied N-P-K (units): 176-69-60
 SEEDED - RATE - ROW: May 29 36,000 /A 30" spacing
 HARVESTED - STAND: Nov 27 35,200 /A

Early-Season Test

96 - 101 Day CRM
 B2014MISO35a

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	5Y-196^	OIX	MQ,P1V,R	96	200.7	19.9	2	34.9	678	1
NK Brand	N45P-3011A	3011A	AVC,C5	101	194.2	25.2	0	35.5	630	2
Renk	RK605SSTX	STX	AC,P2	100	185.4	21.3	2	36.2	620	3
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	184.5	24.1	0	34.9	604	4
Rupp	xrJ97-17	STX,B	AC,P5V	97	182.5	23.7	0	35.5	599	5
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	181.9	25.4	13	36.2	589	6
M & W Seeds	45M80	STX,B	AC,P5V	102	177.3	24.4	12	34.9	579	8
Channel	199-54VT2PRIB	VT2P,B	AC,P5V	99	177.3	25.3	3	35.5	575	10
NK Brand	N42Z-3111A	3111A	AVC,C5	99	177.3	25.9	3	34.2	572	11
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	176.1	23.7	1	35.5	578	9
M & W Seeds	45A38	STX	CM,C2	101	174.3	25.8	3	35.5	563	14
M & W Seeds	46J11	VT2P,B	AC,P2	96	173.1	20.9	2	34.9	580	7
Channel	197-68STXRIB	STX,B	AC,P5V	97	172.9	23.0	0	35.5	571	12
Renk	RK633SSTX	STX,B	AC,P2	101	172.1	24.6	2	34.2	561	15
Renk	RK581SSTX	STX,B	AC,P2	100	171.5	25.4	0	35.5	556	16
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96	169.8	24.6	0	34.9	554	17
Hyland	5510	HXT,RR2	CM,C2	101	169.8	26.4	24	34.2	546	19
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98	168.2	19.8	0	34.2	569	13
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	168.2	25.8	3	35.5	543	20
Pioneer	P0533AM1 GC	AM1,B	MQ,C2	105	168.1	30.2	1	34.9	524	28
Integra	5151GSSRIB	STX,B	AC,P2	101	168.0	27.1	8	35.5	537	21
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	165.1	25.4	2	34.9	535	24
M & W Seeds	46T80	STX,B	AC,P5V	97	164.7	21.7	0	36.2	549	18
Integra	9482VT3PRIB	VT3P,B	AC,P2	98	164.5	24.4	0	34.9	537	22
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	162.6	25.0	2	35.5	528	25
Steyer	9801	GT	CM,C2	98	162.4	28.5	2	35.5	514	31
Rupp	xrT94-06	VT3P,B	AC,P2	94	162.1	22.5	1	35.5	537	23
Renk	RK591GTCBLRWBL^	3111A	CM,C2	99	161.9	26.1	9	35.5	522	29
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	161.2	24.7	0	35.5	525	27
Rupp	xrD97-56	VT2P,B	AC,P2	97	160.7	24.1	4	36.2	526	26
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	158.9	25.0	0	34.2	516	30

Test Average = **170.0** 25.1 3 35.2 552

LSD (0.10) = 22.5 3.5 11

LSD (0.25) = 15.7 2.5 8

C.V. = 9.7 10.3

Rich Schleuning

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

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

Test Comments: This site was planted later than normal due to wet conditions. The cooler than normal growing season slowed heat unit accumulation delaying crop maturation. A July 21 visit found anthracnose, gray leaf spot, northern corn leaf blight and some light slug feeding. This was a tough harvest due to rain, snow, soft cobs, lodged corn and high grain moisture.

† 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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 PEST MANAGEMENT: Lumax, glyphosate, Force
 FERTILITY - Applied N: 27 Fall, 9 Planter, 140 Sidedress
 Applied N-P-K (units): 176-69-60
 SEEDED - RATE - ROW: May 29 36,000 /A 30" spacing
 HARVESTED - STAND: Nov 27 35,200 /A

Full-Season Test

102 - 105 Day CRM

B2014MISO35b

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	xrD05-04	VT2P,B	AC,P2	105	172.7	25.6	2	35.5	559	1
Renk	RK699SSTX	STX,B	AC,P2	105	172.6	28.2	1	35.5	547	2
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	168.1	26.7	2	36.2	539	4
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	166.6	25.7	1	36.2	539	5
Dairyland	DS9305RA	STX,B	CM,C2	105	166.6	30.4	2	34.9	519	7
Channel	202-64STXRIB	STX,B	AC,P5V	102	165.9	24.3	1	34.9	542	3
NuTech/G2 Gen	5H-905^	HX,RR2	MQ,P5V	105	164.6	28.9	4	36.2	519	8
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	164.5	29.3	1	34.9	517	10
Dairyland	DS6805	STX	CM,C2	105	162.7	31.1	3	35.5	504	17
Dairyland	DS6905	STX	CM,C2	105	162.6	31.2	3	34.2	503	18
Select	3829VP RIB	VT3P,B	AC,P2	103	162.5	27.5	4	34.9	518	9
Great Lakes	5566STX	STX	AC,P5V	105	161.7	29.8	1	36.2	506	13
Hyland	8680RA	STX,B	CM,C2	105	160.6	36.0	17	35.5	478	23
Rupp	xrJ03-31	STX,B	AC,P5V	103	159.2	26.5	1	35.5	511	12
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	159.1	26.4	1	34.9	512	11
Select	4134SM RIB	STX,B	AC,P5V	104	158.8	27.8	1	34.2	505	15
Steyer	10403VT2PRIB	VT2P,B	CM,C2	104	158.3	27.3	2	33.5	505	16
AgriGold	A6351STX	STX	AC,P5V	105	157.0	26.0	1	34.9	506	14
AgriGold	A6358VT3PRIB	VT3P,B	AC,P5V	105	155.9	28.0	4	34.9	495	21
Renk	RK629VT3P	VT3P,B	AC,P2	101	155.3	25.7	2	35.5	502	19
Renk	RK752SSTX	STX,B	AC,P2	105	154.9	31.6	0	34.2	478	24
Renk	RK666SSTX	STX,B	AC,P2	102	154.0	26.9	0	34.9	493	22
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	153.6	25.4	14	36.2	498	20
Hyland	5597	HXT,RR2	CM,C2	105	152.2	33.3	10	34.9	463	26
Hyland	8598RA	STX,B	CM,C2	106	150.7	36.7	1	35.5	446	29
Hyland	8575RA	STX,B	CM,C2	104	149.3	33.6	0	34.2	453	28
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	148.3	31.5	10	36.2	458	27
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	148.2	29.1	1	35.5	466	25
M & W Seeds	44D82	STX,B	AC,P5V	105	147.7	34.4	4	34.9	445	31
M & W Seeds	45P88	VT3P	AC,P2	104	140.6	28.1	1	34.9	446	30
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	165.7	24.8	0	34.9	539	6

Test Average = 155.8 29.3 3 35.2 490

LSD (0.10) = 22.1 3.4 9

LSD (0.25) = 15.4 2.4 6

C.V. = 10.4 8.5

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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

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† 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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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	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.