

2013 Corn Grain Top 30 Harvest Report

Michigan South [MISO] CHARLOTTE

Jim & Dennis Orr, Eaton County, MI 49068



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

PREV. CROP/HERB: Soybean / Prefix, Extreme, Glyphosate
 SOIL DESCRIPTION: Clay loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Mod. High P, moderate K, 6.1 pH, 1.5% OM
 PEST MANAGEMENT: Bicep II Magnum, Callisto, Force
 FERTILITY - Applied N: 84 Fall, 100 Spring
 Applied N-P-K (units): 184-82-68
 SEEDING - RATE - ROW: May 14 33,000 /A 30" spacing
 HARVESTED - STAND: Nov 10 30,800 /A

Early-Season Test

96 - 101 Day CRM

B2013MISO33a

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
Steyer	10102VT3PRO RIB	VT3P,B	SStd	101	224.4	16.9	0	29.9	1,033	1
NuTech	5N-9802	3000GT	MQ,C2	98	222.7	16.9	0	30.6	1,025	2
Pioneer	P0094AMX	AMX,B	MQ,P1V	100	216.2	18.2	0	31.9	988	3
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	212.2	16.5	0	31.2	979	4
NuTech	5N-803	3000GT	MQ,C2	101	206.5	18.9	0	31.2	940	6
NuTech	5N-001	3000GT	MQ,C2	101	205.6	18.1	0	30.6	940	7
Dairyland	DS9898RA	STX,B	CM,C2	98	205.4	18.2	0	31.9	939	8
Rupp	xrD97-56	VT2P,B	AC,P2	97	204.9	17.3	0	31.9	941	5
NK Brand	N45P-3011A	3011A	AVC,C5	101	204.4	18.1	0	31.2	935	9
Channel	197-33STXRIB	STX,B	AC,P5V	97	202.0	17.2	0	30.6	928	10
Stine	R9422VT3Pro	VT3P,B	AC,P2	96	200.4	16.5	0	31.2	924	11
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99	200.1	17.2	0	31.2	919	12
Renk	RK633SSTX	STX	AC,P2	101	198.8	18.0	0	31.2	910	13
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101	198.2	18.1	0	30.6	906	15
Channel	201-39STXRIB	STX,B	AC,P5V	101	197.4	17.2	0	30.6	907	14
Hyland	8486RA	STX,B	CM,C2	100	197.3	17.3	0	31.9	906	16
Integra	9482VT3PRO	VT3P	AC,P2	98	195.7	17.3	0	31.2	899	17
Steyer	9503VIP3111	3111	SStd	96	195.0	18.4	0	29.9	890	19
Integra	5151GSSRIB	STX,B	AC,P5V	101	193.3	16.6	0	31.2	891	18
NuTech	5N-197	3000GT	MQ,C2	97	193.2	17.9	0	31.2	884	20
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	192.3	17.8	0	30.6	881	22
Dairyland	DS9501SSX	STX	AVC,C2	100	192.0	16.8	0	30.6	884	21
Steyer	10004GENSS RIB	STX,B	SStd	100	190.1	17.7	0	21.3	871	23
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	189.1	17.4	0	31.2	868	24
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	188.2	17.6	0	30.6	863	26
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	185.4	17.5	0	29.9	851	28
Steyer	9603VT2PRO RIB	VT2P,B	SStd	96	185.0	16.7	0	30.6	852	27
Hyland	8515RA	STX,B	CM,C2	101	183.7	18.9	0	31.9	836	30
AgriGold	A6202VT3Pro	VT3P	AC,P5V	96	182.8	17.1	0	30.6	840	29
Rupp	xrD00-27	VT2P,B	AC,P2	100	182.6	17.8	0	31.2	836	31
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100	189.7	18.5	0	31.9	866	25
Test Average =					194.7	17.6	0	30.8	893	
LSD (0.10) =					22.7	0.8	ns			
C.V. =					8.6	3.2				

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

Test Comments: This area went from abundant spring rain to dry mid-season then ample late-season rain. Some seed products had high disease pressure above the ear leaf in August. Digging up a few corn plants revealed corn rootworm feeding. Ear size ranged from 16 to 18 kernel rows around and kernel rows ranging from 23 to 28 long. Ear tip die-back was observed, up to 2 inches in length.

† 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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 PEST MANAGEMENT: Bicep II Magnum, Callisto, Force
 FERTILITY - Applied N: 84 Fall, 100 Spring
 Applied N-P-K (units): 184-82-68
 SEEDED - RATE - ROW: May 14 33,000 /A 30" spacing
 HARVESTED - STAND: Nov 10 31,100 /A

Full-Season Test

102 - 105 Day CRM
 B2013MISO33b

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For Gross Income (Sorted by Yield)

Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Rupp	xr8034	3000GT	CM,C2	105	225.9	21.1	0	30.9	1,016	2
Steyer	10403VT3PRO RIB	VT3P,B	SStd	104	225.6	18.6	0	31.9	1,029	1
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102	222.9	19.4	0	30.9	1,012	3
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	217.7	22.0	0	30.9	974	4
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	214.6	20.9	0	30.9	966	5
Dairyland	DS9305SSX	STX	CM,C2	105	212.8	22.0	0	31.9	952	8
Renk	RK629VT3P	VT3P	AC,P2	102	211.1	19.5	0	31.9	958	6
Seed Consultants	SCS 1032AM1 GC	AM1,B	MQ,P1V	102	210.5	20.0	0	31.9	953	7
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	209.3	19.3	0	31.9	951	9
Hyland	8521RA	STX,B	CM,C2	105	207.4	21.6	0	31.9	930	10
Hyland	4687	3000GT	CM,C2	105	206.0	26.5	0	31.9	899	14
AgriGold	A6389VT3PRIB	VT3P,B	AC,P5V	105	204.8	21.7	0	29.9	918	12
Golden Harvest	G05T82-3122	3122,B	AVC,C5	105	204.1	20.9	0	30.9	919	11
Rupp	xrJ03-31	STX	AC,P2	103	201.7	20.1	0	30.9	912	13
Renk	RK752SSTX	STX,B	AC,P5V	105	195.7	22.0	0	30.9	876	17
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	194.9	19.0	0	30.9	887	15
Hyland	8575RA	STX,B	CM,C2	104	193.4	19.7	0	30.9	877	16
Seed Consultants	SCS 10HR43 GC	HX,RR2	MQ,P1V	104	191.5	19.9	0	30.9	867	18
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102	190.2	19.4	0	30.9	864	19
Hyland	8636RA	STX,B	CM,C2	105	189.6	23.9	0	30.9	839	22
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	187.9	22.9	0	30.9	837	23
Stine	9425SS	STX	AC,P2	102	186.6	18.4	0	30.9	852	20
AgriGold	A6267STX	STX	AC,P5V	102	185.2	18.9	0	30.9	843	21
Renk	RK699SSTX	STX	AC,P2	105	185.0	20.5	0	31.9	835	24
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103	180.7	20.8	0	29.9	814	27
Integra	5441GSSRIB	STX,B	AC,P2	104	180.4	18.6	0	30.9	823	25
Renk	RK666SSTX	STX	AC,P2	102	178.7	18.6	0	30.9	815	26
Channel	205-38STXRIB	STX,B	AC,P5V	105	174.5	20.8	0	30.9	786	28
Dairyland	DS9604SSX	STX	CM,C2	103	171.6	19.9	0	30.9	777	29
Row intentionally blank										
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100	171.1	20.1	0	31.9	774	30
Test Average =					197.7	20.6	0	31.1	892	
LSD (0.10) =					24.2	2.0	ns			
C.V. =					7.2	5.8				

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: This area went from abundant spring rain to dry mid-season then ample late-season rain. Some seed products had high disease pressure above the ear leaf in August. Digging up a few corn plants revealed corn rootworm feeding. Ear size ranged from 16 to 18 kernel rows around and kernel rows ranging from 23 to 28 long. Ear tip die-back was observed, up to 2 inches in length.

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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.