

2013 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, 6.4 pH, 1.8% OM
 PEST MANAGEMENT: Halex GT, Force, Quadris
 FERTILITY - Applied N: 18 Fall, 120 Spring, 3 Planter, 35 Side
 Applied N-P-K (units): 176-59-63
 SEEDING - RATE - ROW: May 11 33,000 /A 30" spacing
 HARVESTED - STAND: Oct 27 29,800 /A

Early-Season Test
96 - 101 Day CRM
 B2013MISO31a

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	236.6	24.8	0	30.6	1,042	3
Dairyland	DS9898RA	STX,B	CM,C2	98	236.1	24.4	0	28.6	1,042	4
NuTech	5N-9802	3000GT	MQ,C2	98	235.0	22.1	0	29.9	1,051	1
Hyland	8486RA	STX,B	CM,C2	100	232.2	21.4	0	29.2	1,043	2
NuTech	5N-803	3000GT	MQ,C2	101	232.2	26.1	0	29.9	1,015	7
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101	231.9	24.8	0	29.9	1,022	6
Integra	9482VT3PRO	VT3P	AC,P2	98	231.4	22.2	0	29.2	1,034	5
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	227.7	23.3	0	29.9	1,012	9
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	226.4	21.8	0	29.2	1,014	8
Rupp	xrD00-27	VT2P,B	AC,P2	100	224.8	24.0	0	31.2	995	10
Steyer	10102VT3PRO RIB	VT3P,B	SStd	101	222.7	22.4	0	29.2	994	11
Stine	R9422VT3Pro	VT3P,B	AC,P2	96	221.0	22.0	0	29.9	989	12
Dairyland	DS9501SSX	STX	AVC,C2	100	220.0	23.5	0	30.6	976	13
Steyer	10004GENSS RIB	STX,B	SStd	100	217.5	25.2	0	29.9	956	16
Renk	RK581SSTX	STX	AC,P2	100	217.2	23.1	0	28.6	966	14
Steyer	9503VIP3111	3111	SStd	96	215.1	25.4	0	31.9	944	17
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99	214.4	25.2	0	30.6	942	18
Integra	5151GSSRIB	STX,B	AC,P5V	101	213.5	21.7	0	29.9	957	15
NuTech	5N-001	3000GT	MQ,C2	101	212.3	24.8	0	28.6	935	21
Channel	197-33STXRIB	STX,B	AC,P5V	97	211.9	23.6	0	31.2	940	20
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	211.9	25.6	0	29.9	929	23
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	210.8	22.5	0	27.9	941	19
AgriGold	A6202VT3Pro	VT3P	AC,P5V	96	207.8	22.3	0	29.9	928	24
Pioneer	P0094AMX	AMX,B	MQ,P1V	100	207.8	24.8	0	31.2	915	28
Rupp	xrD97-56	VT2P,B	AC,P2	97	207.3	22.4	0	28.6	926	25
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	206.0	22.8	0	29.2	918	27
Rupp	xrJ98-11	STX,B	AC,P2	98	205.6	21.9	0	29.9	921	26
Hyland	8515RA	STX,B	CM,C2	101	201.0	24.9	0	31.2	885	31
Channel	201-39STXRIB	STX,B	AC,P5V	101	199.0	22.3	0	30.6	889	30
Steyer	9603VT2PRO RIB	VT2P,B	SStd	96	198.8	21.7	0	29.2	891	29
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100	210.4	24.2	0	30.6	930	22
Test Average =					214.8	23.6	0	29.8	953	
LSD (0.10) =					19.6	2.0	ns			
C.V. =					6.7	6.1				

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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: *Corn stand was reduced from the wet spring weather. On June 13, corn had purple leaves due in part to the stress from the wet conditions. Mid-season diseases seen were corn leaf blight, Anthracnose & rust with some light insect feeding on grain. Early August, some plants were seen with ears hanging downward. A few plants were dug and discovered root systems with extensive rootworm feeding.*

† 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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 FERTILITY - Applied N: 18 Fall, 120 Spring, 3 Planter, 35 Side
 Applied N-P-K (units): 176-59-63
 SEEDING - RATE - ROW: May 11 33,000 /A 30" spacing
 HARVESTED - STAND: Oct 27 29,600 /A

Full-Season Test
102 - 105 Day CRM
 B2013MISO31b

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	229.3	36.0	0	29.9	946	4
AgriGold	A6389VT3PRIB	VT3P,B	AC,P5V	105	229.2	29.3	0	29.2	984	1
Hyland	8521RA	STX,B	CM,C2	105	227.1	29.0	0	29.2	977	2
Rupp	xr8034	3000GT	CM,C2	105	226.8	29.7	0	31.2	971	3
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	218.0	27.8	0	29.2	944	5
Rupp	xrJ03-31	STX	AC,P2	103	215.6	28.8	0	29.9	928	7
Seed Consultants	SCS 10HR43 GC	HX,RR2	MQ,P1V	104	214.3	29.3	0	29.2	920	9
AgriGold	A6267STX	STX	AC,P5V	102	213.8	27.5	0	30.5	927	8
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	212.9	28.7	0	29.2	917	10
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	212.1	30.2	0	29.9	906	11
Hyland	8575RA	STX,B	CM,C2	104	211.1	29.3	0	31.2	906	12
Renk	RK752SSTX	STX,B	AC,P5V	105	209.0	31.9	0	28.5	884	14
Hyland	8636RA	STX,B	CM,C2	105	208.9	31.7	0	28.5	884	15
Steyer	10403VT3PRO RIB	VT3P,B	SStd	104	208.5	27.2	0	30.5	906	13
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103	202.5	30.5	0	29.9	863	20
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102	202.0	26.1	0	28.5	883	16
Seed Consultants	SCS 1032AM1 GC	AM1,B	MQ,P1V	102	201.0	28.5	0	28.5	867	18
Renk	RK629VT3P	VT3P	AC,P2	102	200.6	27.0	0	28.5	873	17
Integra	5441GSSRIB	STX,B	AC,P2	104	199.0	27.1	0	31.2	865	19
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	198.3	33.4	0	28.5	831	25
Stine	9425SS	STX	AC,P2	102	197.3	28.0	0	28.5	853	21
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	197.2	28.5	0	29.9	850	22
Dairyland	DS9305SSX	STX	CM,C2	105	196.4	33.6	0	28.5	822	27
Channel	205-38STXRIB	STX,B	AC,P5V	105	194.7	34.5	0	29.9	810	29
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102	193.6	25.7	0	30.5	848	23
Dairyland	DS9604SSX	STX	CM,C2	103	191.7	28.7	0	31.2	826	26
Renk	RK666SSTX	STX	AC,P2	102	191.6	26.3	0	29.9	837	24
Renk	RK699SSTX	STX	AC,P2	105	190.3	29.3	0	29.2	817	28
Golden Harvest	G05T82-3122	3122,B	AVC,C5	105	190.3	31.9	0	28.5	804	30
Row intentionally blank										
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100	216.0	27.9	0	30.5	935	6
Test Average =					206.6	29.4	0	29.6	886	
LSD (0.10) =					22.4	3.8	ns			
C.V. =					7.9	9.5				

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: *Corn stand was reduced from the wet spring weather. On June 13, corn had purple leaves due in part to the stress from the wet conditions. Mid-season diseases seen were corn leaf blight, Anthracnose & rust with some light insect feeding on grain. Early August, some plants were seen with ears hanging downward. A few plants were dug and discovered root systems with extensive rootworm feeding.*

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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.