

2013 Corn Grain Top 30 Harvest Report

Michigan South [MISO] READING
Tom Schroeder, Hillsdale County, MI 49274



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

PREV. CROP/HERB: Soybean / Extreme, Roundup, Citron
SOIL DESCRIPTION: Sandy loam, well drained, conventional w/ fall till, irrigated
SOIL CONDITION: High P, high K, 6.4 pH, 2.2% OM
PEST MANAGEMENT: Degree, TripleFlex, Force
FERTILITY - Applied N: 90 Spring, 5 Planter, 69 Side
Applied N-P-K (units): 164-vrt-vrt
SEEDED - RATE - ROW: May 9 32,000 /A 30" spacing
HARVESTED - STAND: Oct 26 30,900 /A

Early-Season Test

96 - 101 Day CRM
B2013MISO35a

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-001	3000GT	MQ,C2	101	291.8	17.6	0	31.2	1,338	1
NuTech	5N-803	3000GT	MQ,C2	101	280.9	19.0	0	30.6	1,278	3
Integra	5151GSSRIB	STX,B	AC,P5V	101	280.2	17.7	0	31.9	1,284	2
Dairyland	DS9501SSX	STX	AVC,C2	100	277.4	17.7	0	29.2	1,271	4
Renk	RK633SSTX	STX	AC,P2	101	276.2	17.8	0	31.9	1,265	5
NK Brand	N45P-3011A	3011A	AVC,C5	101	274.9	18.0	0	29.9	1,258	6
Steyer	10102VT3PRO RIB	VT3P,B	SStd	101	273.3	17.1	0	30.6	1,256	7
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	270.6	17.9	0	29.9	1,239	8
Pioneer	P0094AMX	AMX,B	MQ,P1V	100	270.5	18.8	0	30.6	1,232	10
Dairyland	DS9898RA	STX,B	CM,C2	98	269.1	18.6	0	31.9	1,227	12
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	268.5	16.6	0	30.6	1,238	9
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101	267.6	18.5	0	31.2	1,221	13
NuTech	5N-197	3000GT	MQ,C2	97	267.5	17.4	0	30.6	1,228	11
Hyland	8486RA	STX,B	CM,C2	100	266.9	18.1	0	29.9	1,220	14
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	262.9	18.7	0	29.9	1,198	15
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	258.7	18.3	0	31.2	1,182	17
Rupp	xrD97-56	VT2P,B	AC,P2	97	258.4	16.8	0	29.2	1,190	16
Integra	9482VT3PRO	VT3P	AC,P2	98	255.1	16.6	0	30.6	1,176	18
Channel	197-33STXRIB	STX,B	AC,P5V	97	254.6	17.6	0	30.6	1,167	19
Steyer	10004GENSS RIB	STX,B	SStd	100	253.3	18.5	0	31.2	1,156	20
Steyer	9503VIP3111	3111	SStd	96	251.4	17.6	0	31.2	1,153	21
Renk	RK581SSTX	STX	AC,P2	100	250.9	18.3	0	30.6	1,146	22
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	249.9	18.4	0	31.2	1,141	24
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	249.6	18.4	0	30.6	1,139	25
Steyer	9603VT2PRO RIB	VT2P,B	SStd	96	247.8	17.7	0	31.9	1,136	26
Hyland	8505RA	STX,B	CM,C2	101	247.3	19.9	0	30.6	1,120	28
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99	244.2	17.1	0	31.9	1,123	27
Rupp	xrJ98-11	STX,B	AC,P2	98	240.0	18.8	0	31.9	1,093	29
AgriGold	A6202VT3Pro	VT3P	AC,P5V	96	236.8	16.9	0	29.9	1,090	30
NuTech	5N-9802	3000GT	MQ,C2	98	235.1	17.1	0	30.6	1,081	31
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100	249.6	17.5	0	31.2	1,145	23
Test Average =					256.7	17.9	0	30.9	1,175	
LSD (0.10) =					24.3	0.8	ns			
C.V. =					7.0	3.4				

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

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

Test Comments: One extreme followed by another. Last year this test site averaged 134 bu per acre. This year yield is 100 bu per acre higher with a new record high so far. This is Michigan so of course there was some deer damage. Disease present include Anthracnose, rust and Diplodia stalk rot. The crop was standing well at harvest, but a pinch and bump test showed quality detracting as stalk would bend.

† 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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Report date: 10/28/2013 Revised:

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SOIL CONDITION: High P, high K, 6.4 pH, 2.2% OM
PEST MANAGEMENT: Degree, TripleFlex, Force
FERTILITY - Applied N: 90 Spring, 5 Planter, 69 Side
Applied N-P-K (units): 164-vrt-vrt
SEEDED - RATE - ROW: May 9 32,000 /A 30" spacing
HARVESTED - STAND: Oct 26 30,400 /A

Full-Season Test
102 - 105 Day CRM
B2013MISO35b

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
Renk	RK752SSTX	STX,B	AC,P5V	105	306.6	21.5	0	30.5	1,376	1
Hyland	4687	3000GT	CM,C2	105	285.7	24.7	0	31.2	1,259	3
Integra	5441GSSRIB	STX,B	AC,P2	104	282.7	20.3	0	30.5	1,277	2
Channel	205-38STXRIB	STX,B	AC,P5V	105	277.2	21.2	0	30.5	1,246	5
AgriGold	A6267STX	STX	AC,P5V	102	276.2	20.3	0	30.5	1,248	4
Hyland	8636RA	STX,B	CM,C2	105	275.4	22.8	0	29.9	1,227	8
Golden Harvest	G05T82-3122	3122,B	AVC,C5	105	275.0	21.2	0	28.5	1,236	7
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	273.8	20.1	0	30.5	1,238	6
Rupp	xr8034	3000GT	CM,C2	105	273.7	23.2	0	31.2	1,217	9
AgriGold	A6389VT3PRIB	VT3P,B	AC,P5V	105	271.6	22.2	0	31.9	1,214	10
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	269.0	21.4	0	29.9	1,208	12
Seed Consultants	SCS 10HR43 GC	HX,RR2	MQ,P1V	104	269.0	21.5	0	31.2	1,207	13
Rupp	xrJ03-31	STX	AC,P2	103	268.4	20.6	0	28.5	1,210	11
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103	267.8	21.6	0	31.2	1,201	14
Steyer	10403VT3PRO RIB	VT3P,B	SStd	104	262.1	20.0	0	29.9	1,186	15
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	260.6	20.2	0	29.9	1,178	16
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102	260.3	20.5	0	29.9	1,175	17
Hyland	8575RA	STX,B	CM,C2	104	258.5	21.1	0	29.9	1,163	19
Dairyland	DS9604SSX	STX	CM,C2	103	258.3	20.6	0	31.2	1,165	18
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	258.3	21.5	0	30.5	1,159	20
Hyland	8521RA	STX,B	CM,C2	105	257.4	21.6	0	28.5	1,154	22
Seed Consultants	SCS 1032AM1 GC	AM1,B	MQ,P1V	102	255.9	19.8	0	31.2	1,159	21
Dairyland	DS9305SSX	STX	CM,C2	105	252.5	22.8	0	31.9	1,125	27
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102	251.4	20.0	0	31.9	1,138	24
Stine	9425SS	STX	AC,P2	102	251.3	19.3	0	31.2	1,142	23
Renk	RK629VT3P	VT3P	AC,P2	102	251.0	20.5	0	29.9	1,133	25
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	249.2	20.0	0	29.2	1,128	26
Renk	RK699SSTX	STX	AC,P2	105	247.4	21.8	0	29.2	1,108	30
Renk	RK666SSTX	STX	AC,P2	102	245.2	20.0	0	31.2	1,110	28
Row intentionally blank										
Seed Consultants	SCS 10HQ02 CK	HXT,RR2	MQ,P1V	100	243.7	19.0	0	29.2	1,109	29
Test Average =					264.5	21.0	0	30.4	1,190	
LSD (0.10) =					22.8	1.4	ns			
C.V. =					6.8	4.9				

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: *One extreme followed by another. Last year this test site averaged 134 bu per acre. This year yield is 100 bu per acre higher with a new record high so far. This is Michigan so of course there was some deer damage. Disease present include Anthracnose, rust and Diplodia stalk rot. The crop was standing well at harvest, but a pinch and bump test showed quality detracting as stalk would bend.*

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Report date: 10/28/2013 Revised: 11/6/2013 All Test Average values incorrect (row above LSD row), all values revised.

2013 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	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.