

2017 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] REESE
Robert Rau, Tuscola County, MI 48757



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Tappa-Londo loam, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 5 pH, 1.9% OM, 15.8 CEC
PEST MANAGEMENT: atrazine, Roundup, Force
FERTILITY - Applied N: 161 Spring
Applied N-P-K (units): 161-0-120
SEEDING - RATE - ROW: May 12 34,500 /A 30" spacing
HARVESTED - STAND: Oct 10 33,400 /A

All-Season Test
92 - 101 Day CRM
B2017MITH79

Top 30 of 36

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech/G2 Gen	5FN-6097^	OI	97	213.3	25.0	4	30.7	619	1
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	207.3	23.5	19	33.5	610	2
Dekalb	DKC50-84RIB GC	VT2P,B	100	206.0	26.3	6	32.5	589	5
Integra	CX701097	VT2P	97	203.8	23.3	8	34.4	601	3
Dekalb	DKC52-68RIB GC	VT2P,B	102	201.9	28.8	13	31.6	562	15
NuTech/G2 Gen	5FN-5096^	OI	96	200.2	26.1	7	35.3	574	10
NuTech	5G-293	3010	93	198.7	23.0	7	32.5	588	7
Golden Harvest	G90Y04-3110A	3110,A	92	196.6	21.3	11	34.4	592	4
Golden Harvest	G96V99-3120-EZR	3120,B	96	196.6	21.8	36	33.5	589	6
Great Lakes	4548VT2RIB	VT2P,B	95	196.3	24.0	25	33.5	575	9
Pioneer	P0157AMX GC	AMX,AQ,B	101	194.4	24.2	4	35.3	568	12
Pioneer	P9929AMXT GC	AMXT,B	99	194.1	23.5	14	33.5	572	11
M & W Seeds	45M21	VT2P,B	100	194.1	25.1	4	34.4	562	16
Renk	RK608DGV2P	VT2P,DG,B	100	193.8	25.2	6	33.5	561	17
Dyna-Gro	D39DC43 GC	VT2P,DG	99	192.7	28.0	6	36.2	541	22
FS InVISION	FS 50VX1 RIB	STX,B	100	192.6	24.1	6	33.5	564	14
M & W Seeds	46L43	VT2P,B	96	192.0	25.6	4	31.6	553	20
M & W Seeds	47J66	VT2P,B	94	191.7	21.5	12	34.4	576	8
Great Lakes	4988VT2PRO	VT2P	99	191.2	24.3	6	34.4	558	18
Rupp	xrJ99-70	STX,B	99	190.3	25.9	12	31.6	547	21
NuTech/G2 Gen	5F-196^	AM,B	96	189.3	23.9	23	35.3	555	19
NuTech/G2 Gen	5F-701^	AM,AQ,B	101	188.7	21.9	26	34.4	565	13
NuTech	5N-800	3011,A	100	186.4	26.0	18	33.5	535	27
Rupp	xrD97-95	VT2P	97	185.9	26.3	7	34.4	532	29
Dairyland	DS-9701RA	STX,B	101	185.8	24.9	14	33.5	539	23
Renk	RK595SSTX	STX,B	99	185.6	25.4	8	32.5	536	25
FS InVISION	FS 49ZX1 RIB	STX,B	99	181.6	23.9	7	31.6	533	28
Great Lakes	4728VT2PRO	VT2P	97	181.6	24.4	11	32.5	530	30
Rupp	xrT94-06	VT3P,B	94	181.2	22.7	13	34.4	538	24
Dairyland	DS-7294	3110	94	178.8	21.7	16	32.5	536	26

Jason Beyers
beyers@frontiernet.net, (815) 985-7369

Averages = **190.7** **24.5** **13** **33.4** **556**

LSD (0.10) = 11.9 2.1 11

LSD (0.25) = 6.2 1.1 6

C.V. = 5.9 New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

Test Comments: *Conditions for emergence and development through pollination were favorable but the plot received almost no rain in September and October. At the V5 stage, corn was uniform but showing some phosphorus deficiency symptoms, most likely because starter fertilizer was not applied. Extreme late season dryness likely contributed to some stalk quality issues, which allowed disease to move in.*

† 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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Report Date: 10/11/2017 Revised:

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All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-7294	3110	CM,C5,Vi,In	94					
Dairyland	DS-9701RA	STX,B	CM,C5,Vi,In	101					
Dekalb	DKC50-84RIB GC	VT2P,B	AC,P2	100					
Dekalb	DKC52-68RIB GC	VT2P,B	AC,P2	102					
Dyna-Gro	D39DC43 GC	VT2P,DG	AC,P5V	99					
FS InVISION	FS 49ZX1 RIB	STX,B	AC,P5V	99					
FS InVISION	FS 50VX1 RIB	STX,B	AC,P5V	100					
Golden Harvest	G01P52-3011A	3011,A	CM,C2	101					
Golden Harvest	G90Y04-3110A	3110,A	AVC,C2,Vi	92					
Golden Harvest	G95D32-3110	3110	AVC,C2,Vi	95					
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96					
Great Lakes	4548VT2RIB	VT2P,B	AC,P5V	95					
Great Lakes	4728VT2PRO	VT2P	AC,P5V	97					
Great Lakes	4988VT2PRO	VT2P	AC,P5V	99					
Integra	4902VT2PRIB	VT2P	AC,P2	99					
Integra	CX701097	VT2P	AC,P5V	97					
M & W Seeds	45M21	VT2P,B	AC,P2	100					
M & W Seeds	46L43	VT2P,B	AC,P2	96					
M & W Seeds	47J66	VT2P,B	AC,P2	94					
NuTech	5G-293	3010	MQ,P5V,R	93					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V,R	96					
NuTech/G2 Gen	5F-601^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5F-701^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5FN-5096^	OI	MQ,P1V,R	96					
NuTech/G2 Gen	5FN-6097^	OI	MQ,P1V,R	97					
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,P1V	101					
Pioneer	P9929AMXT GC	AMXT,B	MQ,C2,R,Lu	99					
Renk	RK595SSTX	STX,B	AC,P5V	99					
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100					
Renk	RK612SSTX	STX,B	AC,P5V	100					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Rupp	xrD00-51	VT2P,B	AC,P2	100					
Rupp	xrD97-95	VT2P	AC,P5V	97					
Rupp	xrJ99-70	STX,B	AC,P2	99					
Rupp	xrT94-06	VT3P,B	AC,P2	94					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPMa [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPMa [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix [®] are trademarks of Syngenta.
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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information unavailable	In	Intego™ Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Acceleron [®] fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	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 [®]
CM	CruiserMaxx [®] Corn	SC	SHIELDCoat™
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

** Seed treatments may include unspecified plant health promoting components.