

2017 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] BROWN CITY
Dwight Bartle, Sanilac County, MI 48416



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

PREV. CROP/HERB: Wheat/Clover / None
SOIL DESCRIPTION: Capac sandy loam, mod. well drained, non-irrigated
SOIL CONDITION: Conventional w/ fall till, very high P, high K, 6.4 pH, 2.1% OM, 11 CEC
PEST MANAGEMENT: Lexar, Force
FERTILITY - Applied N: 165 Spring
Applied N-P-K (units): 165-0-90
SEEDING - RATE - ROW: Apr 29 34,500 /A 30" spacing
HARVESTED - STAND: Oct 19 32,600 /A

All-Season Test
92 - 101 Day CRM
B2017MITH82

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
Dyna-Gro	D39DC43 GC	VT2P,DG	99	241.4	24.0	1	35.3	707	1
Rupp	xrD97-95	VT2P	97	231.4	22.2	1	36.2	690	2
<i>Dekalb</i>	<i>DKC52-68RIB GC</i>	<i>VT2P,B</i>	<i>102</i>	<i>226.7</i>	<i>25.1</i>	<i>1</i>	<i>35.3</i>	<i>657</i>	<i>10</i>
Rupp	xrD00-51	VT2P,B	100	226.4	22.2	1	33.5	676	3
M & W Seeds	46L43	VT2P,B	96	226.2	22.4	1	34.4	674	4
Integra	CX701097	VT2P	97	226.0	22.3	1	34.4	674	5
Great Lakes	4728VT2PRO	VT2P	97	223.1	22.9	1	30.7	661	7
Rupp	xrT94-06	VT3P,B	94	222.7	22.7	1	33.5	661	8
Golden Harvest	G95D32-3110	3110	95	221.3	22.2	1	29.7	660	9
Renk	RK608DGV2P	VT2P,DG,B	100	220.9	23.6	1	35.3	650	14
Dekalb	DKC50-84RIB GC	VT2P,B	100	220.8	23.8	1	31.6	648	17
FS InVISION	FS 50VX1 RIB	STX,B	100	220.2	23.0	1	32.5	652	13
Pioneer	P9929AMXT GC	AMXT,B	99	220.1	22.5	1	29.7	655	11
Golden Harvest	G90Y04-3110A	3110,A	92	219.2	22.9	1	35.3	649	16
Dairyland	DS-7294	3110	94	219.1	21.0	1	35.3	662	6
Golden Harvest	G96V99-3120-EZR	3120,B	96	218.5	22.0	3	29.7	653	12
Renk	RK629VT3P	VT3P,B	101	217.5	22.0	2	34.4	650	15
Renk	RK612SSTX	STX,B	100	216.4	22.7	1	34.4	642	19
Renk	RK595SSTX	STX,B	99	215.6	22.4	1	35.3	642	20
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	214.0	24.1	3	32.5	626	24
NuTech/G2 Gen	5F-196^	AM,B	96	213.6	21.3	5	31.6	643	18
Great Lakes	4988VT2PRO	VT2P	99	212.8	22.9	1	31.6	631	21
Integra	4902VT2PRIB	VT2P	99	211.7	22.6	3	34.4	629	23
NuTech/G2 Gen	5FN-6097^	OI	97	211.4	22.2	1	27.9	631	22
NuTech/G2 Gen	5FN-5096^	OI	96	210.0	22.7	2	32.5	623	25
Rupp	xrJ99-70	STX,B	99	208.1	21.8	1	32.5	623	26
NuTech	5N-800	3011,A	100	207.0	23.5	1	28.8	610	27
Dairyland	DS-9701RA	STX,B	101	206.4	23.1	1	32.5	610	28
M & W Seeds	45M21	VT2P,B	100	206.3	23.8	1	31.6	606	29
FS InVISION	FS 49ZX1 RIB	STX,B	99	202.1	21.8	1	29.7	605	30

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

Averages =	214.1	22.7	2	32.6	636
LSD (0.10) =	11.4	1.4	1		
LSD (0.25) =	6.0	0.7	1		
C.V. =	5.1				Prev. years average yield, 195.7 bu/a, 6 yrs

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

Test Comments: *A really nice, consistent plot with nice girthy ears, filled to the tip. It went through a 10-day period of very good wet conditions immediately following planting and Dwight, our host grower, helped preserve the stand by rotary hoeing twice. A good cold emergence test. Stands were good but yield might have been higher if the final stand was closer to the seeding rate. Standability was good.*

† 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: 10/21/2017 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. VPMaxx [®] 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 [®] , VPMaxx [®] 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.