

2017 Corn Grain Top 30 Harvest Report
 Michigan Thumb [MITH] MIDLAND
 K & H Farms, Chad Histed, Midland County, MI 48642



PREV. CROP/HERB: Soybean / Authority, Sencor
 SOIL DESCRIPTION: Londo-Poseyville sandy loam, mod. well drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 7.3 pH, 2.4% OM, 14.2 CEC
 PEST MANAGEMENT: atrazine, Roundup, Force
 FERTILITY - Applied N: 44 Planter, 135 Sidedress
 Applied N-P-K (units): 179-48-2
 SEEDING - RATE - ROW: May 13 34,500 /A 30" spacing
 HARVESTED - STAND: Oct 21 34,800 /A

All-Season Test
92 - 101 Day CRM
 B2017MITH84

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
Renk	RK612SSTX	STX,B	100	193.4	19.1	1	35.3	595	1
Rupp	xrD00-51	VT2P,B	100	190.4	19.0	1	35.3	586	3
Dyna-Gro	D39DC43 GC	VT2P,DG	99	189.7	18.5	1	32.5	587	2
Dekalb	DKC52-68RIB GC	VT2P,B	102	188.4	20.3	1	33.5	573	4
Renk	RK608DGV2P	VT2P,DG,B	100	182.3	18.4	1	33.5	565	6
Integra	CX701097	VT2P	97	181.3	16.5	2	36.2	572	5
FS InVISION	FS 50VX1 RIB	STX,B	100	180.9	17.6	2	34.4	565	7
NuTech/G2 Gen	5F-701^	AM,AQ,B	101	180.9	18.4	1	31.6	560	8
Great Lakes	4988VT2PRO	VT2P	99	179.9	18.4	1	34.4	557	9
Golden Harvest	G95D32-3110	3110	95	177.6	17.9	1	36.2	553	10
Pioneer	P0157AMX GC	AMX,AQ,B	101	176.4	19.1	1	34.4	543	13
Rupp	xrT94-06	VT3P,B	94	175.1	16.9	1	36.2	550	11
Great Lakes	4728VT2PRO	VT2P	97	174.9	17.3	1	35.3	548	12
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	174.1	19.2	1	35.3	535	19
NuTech/G2 Gen	5F-196^	AM,B	96	173.7	17.5	1	35.3	543	14
Dekalb	DKC50-84RIB GC	VT2P,B	100	173.7	18.4	1	34.4	538	16
Rupp	xrD97-95	VT2P	97	172.7	18.0	2	38.1	537	17
M & W Seeds	47J66	VT2P,B	94	172.5	16.9	1	34.4	542	15
M & W Seeds	46L43	VT2P,B	96	171.0	17.1	1	37.2	536	18
FS InVISION	FS 49ZX1 RIB	STX,B	99	170.0	18.6	1	33.5	526	22
Rupp	xrJ99-70	STX,B	99	169.8	18.9	1	36.2	523	23
NuTech/G2 Gen	5FN-6097^	OI	97	169.5	17.7	1	33.5	529	21
Renk	RK629VT3P	VT3P,B	101	168.8	18.5	1	35.3	522	24
Great Lakes	4548VT2RIB	VT2P,B	95	168.4	16.7	5	35.3	530	20
Integra	4902VT2PRIB	VT2P	99	168.3	19.1	1	34.4	518	26
Renk	RK595SSTX	STX,B	99	167.5	17.8	1	31.6	522	25
Pioneer	P9929AMXT GC	AMXT,B	99	166.5	17.9	1	34.4	518	27
NuTech	5G-293	3010	93	165.3	17.2	1	34.4	518	28
Golden Harvest	G96V99-3120-EZR	3120,B	96	165.1	17.5	4	36.2	516	29
Dairyland	DS-9701RA	STX,B	101	164.4	17.7	1	33.5	513	30

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Averages =	172.7	18.0	1	34.8	537
LSD (0.10) =	10.8	0.4	1		
LSD (0.25) =	5.7	0.2	1		
C.V. =	5.9	Prev. years average yield, 188.0 bu/a, 2 yrs			

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

Test Comments: *This plot was part of the Michigan disaster declaration area, receiving approximately 20" of rain in late June. Nevertheless stands were not affected after excellent establishment and early growth. Like most of the Thumb, excellent early yield potential was lost from N being flushed away, followed by a very dry grain fill period. All things considered, good management produced some good yields.*

† 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: 10/24/2017 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.