

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

## 2019 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] MIDLAND, MI  
K & H Farms Chad Histed, Midland County, MI 48642

<b>All-Season Test</b>	93 - 103 Day CRM B2019MITH84
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Landis, atrazine
<b>SOIL DESCRIPTION:</b>	Tappan-Poseyville/Selfridge loamy sand, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, medium K, 7.8 pH, 2.0% OM, 12.7 CEC
<b>PEST MANAGEMENT:</b>	Landis, Atrazine, Glyphosate, Force
<b>FERTILITY - Applied N:</b>	34 Spring, 5 Planter, 110 Sidedress
<b>Applied N-P-K (units):</b>	149-17-0
<b>SEEDED - RATE - ROW:</b>	May 31 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 18 32.1 /A

### TEST COMMENTS:

*A late planted corn on corn plot. Good stands and good plant health and standability. However, yield potential was sharply reduced by late planting, particularly for the fuller season hybrids. Moisture was still very high at 11/18 harvest.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RENK	RK579DGV2P	VT2P,DG,B	98	<b>153.8</b>	27.8	1	33.9	510	1
RUPP	XR D97-95	VT2P,B	97	<b>152.2</b>	28.3	1	33.9	502	3
RUPP	XR J94-91	STX,B	94	<b>150.3</b>	25.6	1	33.1	508	2
LOCAL SEED CO	ZS9598 3220EZ	3220	95	<b>148.8</b>	26.2	1	30.4	501	4
RENK	RK593VT2P	VT2P	96	<b>147.7</b>	27.4	1	33.9	492	5
INTEGRA	5280	STX,B	102	<b>146.4</b>	31.2	1	33.9	471	13
DAIRYLAND	DS-3715AM	AM,B	98	<b>146.0</b>	27.6	1	33.9	485	7
INTEGRA	4509	VT2P,B	95	<b>145.4</b>	26.9	1	33.1	486	6
INTEGRA	4782	VT2P,B	97	144.9	28.0	1	32.2	480	9
LOCAL SEED CO	ZS9796 3220EZ	3220	97	144.7	27.2	1	30.3	483	8
RENK	RK587VT2P	VT2P,B	97	144.6	27.7	1	32.2	480	10
FS INVISION	FS 51QX1 RIB	STX,B	101	144.3	31.2	1	32.1	464	15
DAIRYLAND	DS-3519AM	AM,B	96	142.6	27.1	1	30.4	476	11
INTEGRA	5081	VT2P,DG,B	100	142.4	30.2	1	33.1	462	16
M & W SEEDS	46P76	VT2P,B	97	142.1	27.3	1	33.0	473	12
DAIRYLAND	DS-4018AM	AM,AQ,B	101	141.4	31.5	1	32.1	453	23
FS INVISION	FS 5098X RIB	STX,B	100	140.2	30.2	1	30.4	455	22
DAIRYLAND	DS-3750AM	AM	97	140.0	27.6	1	33.0	465	14
M & W SEEDS	45T56	VT2P,B	100	139.5	29.1	1	33.9	457	20
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	138.7	30.7	1	33.1	448	24
RUPP	XR D01-90	VT2P,B	101	138.5	31.0	1	33.0	446	25
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95	138.4	27.4	1	34.8	460	17
LOCAL SEED CO	LC0297 SSX	STX	102	138.2	31.8	1	30.4	442	26
LOCAL SEED CO	LC9888 VT2PRIB	VT2P,B	98	138.1	28.3	1	33.1	456	21
FS INVISION	FS 45SV1 RIB	VT2P,B	95	136.9	26.8	1	33.9	458	18
DAIRYLAND	DS-3550AM	AM	95	136.4	26.5	1	33.9	458	19
GOLDEN HARVEST	G00H12-3010	3010	100	134.4	29.6	1	32.2	438	29
RENK	RK608DGV2P	VT2P,DG,B	100	134.0	29.7	1	32.1	437	30
NK BRAND	NK9852-3120-EZR	3120,B	98	133.4	28.1	1	30.4	441	28
FS INVISION	FS 47TV1 RIB	VT2P,B	97	133.0	27.6	1	29.5	442	27

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Averages =	<b>137.4</b>	<b>29.5</b>	<b>1</b>	<b>32.1</b>	<b>449</b>
LSD (0.10) =	7.5	0.6	ns		
LSD (0.25) =	3.9	0.3	ns		
C.V. =	5.2				

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.70; non-GMO = \$3.75

## 2019 Corn - Michigan Thumb [ MITH ]

### All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM
DAIRYLAND	DS-3519AM	AM,B	96
DAIRYLAND	DS-3550AM	AM	95
DAIRYLAND	DS-3715AM	AM,B	98
DAIRYLAND	DS-3750AM	AM	97
DAIRYLAND	DS-4018AM	AM,AQ,B	101
DAIRYLAND	DS-4019AM	AM,B	99
DAIRYLAND	DS-4310AM	AM	103
DEKALB	DKC52-68RIB GC	VT2P,B	102
FS INVISION	FS 45SV1 RIB	VT2P,B	95
FS INVISION	FS 47TV1 RIB	VT2P,B	97
FS INVISION	FS 5098X RIB	STX,B	100
FS INVISION	FS 51QX1 RIB	STX,B	101
FS INVISION	FS 53ZX1 RIB	STX,B	103
GOLDEN HARVEST	G00H12-3010	3010	100
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102
GOLDEN HARVEST	G03R40-3110	3110	103
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95
INTEGRA	4509	VT2P,B	95
INTEGRA	4782	VT2P,B	97
INTEGRA	5081	VT2P,DG,B	100
INTEGRA	5280	STX,B	102
LOCAL SEED CO	LC0057 SSSRIB	STX,B	100
LOCAL SEED CO	LC0297 SSX	STX	102
LOCAL SEED CO	LC9888 VT2PRIB	VT2P,B	98
LOCAL SEED CO	ZS0398 3110	3110	103
LOCAL SEED CO	ZS9598 3220EZ	3220	95
LOCAL SEED CO	ZS9796 3220EZ	3220	97
M & W SEEDS	45R69	VT2P,B	103
M & W SEEDS	45T56	VT2P,B	100
M & W SEEDS	46P76	VT2P,B	97
MYCOGEN	REV 1327AMXT	AMXT,B	103
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK9852-3120-EZR	3120,B	98
PIONEER	P0157AMXT GC	AMXT,AQ,B	101
PIONEER	P0339AMXT GC	AMXT,AQ,B	103
RENK	RK579DGVT2P	VT2P,DG,B	98

Company/Brand	Brand/Product	Technology	RM
RENK	RK587VT2P	VT2P,B	97
RENK	RK593VT2P	VT2P	96
RENK	RK604SSTX	STX,B	102
RENK	RK608DGVT2P	VT2P,DG,B	100
RENK	RK621VT2P	VT2P	102
RENK	RK642VT2P	VT2P,B	103
RUPP	XR D01-90	VT2P,B	101
RUPP	XR D97-95	VT2P,B	97
RUPP	XR J94-91	STX,B	94

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

### Corn Technologies\*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

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