

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

## 2019 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] SILVERWOOD, MI  
John Ferkowicz, Lapeer County, MI 48760

<b>All-Season Test</b>	93 - 103 Day CRM B2019MITH80
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Cadet, Roundup
<b>SOIL DESCRIPTION:</b>	Menominee-Breckenridge sandy loam, mod. well drained, non- irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, very high K, 5.5 pH, 2.9% OM, 10.0 CEC
<b>PEST MANAGEMENT:</b>	Zidua Pro, Atrazine, Roundup, Force
<b>FERTILITY - Applied N:</b>	150 Spring, 5 Planter
<b>Applied N-P-K (units):</b>	155-17-120
<b>SEEDED - RATE - ROW:</b>	May 16 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 8 33.0 /A

### TEST COMMENTS:

*Planting conditions were favorable here this spring, but this plot was hit by flooding rains at emergence. Growing conditions were favorable until July and August when rain totaled less than 3 inches, but lack of heat helped it. Considering the adversity it performed well. Stalk quality and standability were good and disease pressure was light.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RENK	RK587VT2P	VT2P,B	97	<b>230.0</b>	22.0	1	34.8	803	1
PIONEER	P0339AMXT GC	AMXT,AQ,B	103	<b>225.9</b>	24.7	1	31.3	770	3
FS INVISION	FS 53ZX1 RIB	STX,B	103	<b>225.9</b>	24.5	1	34.8	771	2
RENK	RK642VT2P	VT2P,B	103	<b>223.6</b>	24.1	1	33.1	766	4
RUPP	XR D01-90	VT2P,B	101	<b>223.3</b>	24.4	1	33.9	763	5
INTEGRA	5280	STX,B	102	<b>222.4</b>	24.4	1	33.1	760	6
LOCAL SEED CO	LC0297 SSX	STX	102	217.9	24.2	1	33.9	746	7
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	217.8	25.3	1	33.9	739	9
DAIRYLAND	DS-4018AM	AM,AQ,B	101	215.3	24.6	1	31.3	735	10
NK BRAND	NK0243-3120-EZR	3120,B	102	214.2	24.5	1	33.1	731	14
LOCAL SEED CO	LC0057 SSSXRIB	STX,B	100	213.0	23.4	1	32.2	734	11
FS INVISION	FS 47TV1 RIB	VT2P,B	97	211.8	21.6	1	31.3	742	8
GOLDEN HARVEST	G03R40-3110	3110	103	211.3	23.8	1	33.9	726	16
DAIRYLAND	DS-4019AM	AM,B	99	211.1	22.7	1	32.2	732	13
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102	210.9	25.0	1	33.1	717	19
RENK	RK608DGV2P	VT2P,DG,B	100	210.0	24.0	1	31.3	720	18
RENK	RK579DGV2P	VT2P,DG,B	98	209.6	22.5	1	32.2	728	15
DAIRYLAND	DS-4310AM	AM	103	209.5	26.3	1	32.2	704	27
M & W SEEDS	45T56	VT2P,B	100	208.9	24.4	1	34.8	714	20
GOLDEN HARVEST	G00H12-3010	3010	100	207.9	24.7	1	33.9	709	25
RUPP	XR J94-91	STX,B	94	207.6	20.5	1	32.2	734	12
M & W SEEDS	45R69	VT2P,B	103	207.4	24.6	1	33.9	708	26
LOCAL SEED CO	ZS9598 3220EZ	3220	95	205.8	20.9	1	34.8	725	17
DAIRYLAND	DS-3715AM	AM,B	98	205.0	22.6	1	33.1	712	22
FS INVISION	FS 5098X RIB	STX,B	100	204.1	23.9	1	33.9	701	30
LOCAL SEED CO	LC9888 VT2PRIB	VT2P,B	98	203.7	21.4	1	32.2	714	21
LOCAL SEED CO	ZS9796 3220EZ	3220	97	203.7	22.0	1	34.8	711	23
RUPP	XR D97-95	VT2P,B	97	203.5	22.0	1	33.9	710	24
NK BRAND	NK9852-3120-EZR	3120,B	98	201.5	22.2	1	34.8	702	29
INTEGRA	4782	VT2P,B	97	200.8	21.4	1	28.6	704	28

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Averages = **206.3** **23.3** **1** **33.0** **711**

LSD (0.10) = 14.6 0.7 ns

LSD (0.25) = 7.6 0.4 ns

C.V. = 6.7

**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 SXXRIB	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®TRIssect (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.