

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

2019 Corn Grain Top 30 Harvest Report

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

All-Season Test	93 - 103 Day CRM B2019MITH79
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Sugar Beets / Glyphosate
SOIL DESCRIPTION:	Tappan-Londo loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 5.3 pH, 2.5% OM, 12.9 CEC
PEST MANAGEMENT:	Atrazine, Glyphosate, Force
FERTILITY - Applied N:	152 Spring, 5 Planter, 45 Sidedress
Applied N-P-K (units):	202-17-120
SEDED - RATE - ROW:	May 17 34.5 /A 30" spacing
HARVESTED - STAND:	Dec 12 33.9 /A

TEST COMMENTS:

A nice site under good management. Planting was not as delayed as some sites in the region (5/17) but wet conditions hindered emergence and produced some unevenness of early growth. Rains through the reproductive and grain fill stage were limited although lack of heat moderated stress. Late harvest and high winds in the week before harvest make it a good test for standability this year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS INVISION	FS 5098X RIB	STX,B	100	190.6	19.3	7	34.8	681	1
INTEGRA	5280	STX,B	102	188.0	20.0	3	34.8	667	2
DEKALB	DKC52-68RIB GC	VT2P,B	102	187.2	20.9	13	33.5	660	3
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102	185.4	20.0	10	33.5	658	5
RENK	RK642VT2P	VT2P,B	103	183.7	20.1	15	33.5	652	7
RENK	RK587VT2P	VT2P,B	97	182.6	18.1	9	33.5	659	4
FS INVISION	FS 47TV1 RIB	VT2P,B	97	182.3	18.5	5	33.5	655	6
FS INVISION	FS 51QX1 RIB	STX,B	101	180.6	19.4	7	34.8	644	10
RENK	RK593VT2P	VT2P	96	180.2	18.3	15	34.8	649	8
DAIRYLAND	DS-4019AM	AM,B	99	179.7	19.0	17	34.8	643	11
LOCAL SEED CO	LC0297 SSX	STX	102	179.7	19.7	7	33.5	640	13
DAIRYLAND	DS-4310AM	AM	103	179.6	20.8	29	33.5	633	15
NK BRAND	NK9852-3120-EZR	3120,B	98	178.8	18.7	4	34.8	642	12
RUPP	XR D01-90	VT2P,B	101	178.8	19.7	15	33.5	637	14
PIONEER	P0339AMXT GC	AMXT,AQ,B	103	178.6	20.1	17	30.9	633	16
M & W SEEDS	46P76	VT2P,B	97	178.5	17.8	7	33.5	646	9
M & W SEEDS	45R69	VT2P,B	103	177.6	19.8	15	36.2	632	17
MYCOGEN	REV 1327AMXT	AMXT,B	103	177.6	20.0	5	34.8	631	18
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	176.0	19.9	9	34.9	626	21
NK BRAND	NK0243-3120-EZR	3120,B	102	175.1	19.9	9	34.8	622	24
RENK	RK579DGV2P	VT2P,DG,B	98	174.2	19.0	10	34.8	624	23
RENK	RK604SSTX	STX,B	102	173.7	19.0	21	32.2	622	25
INTEGRA	4782	VT2P,B	97	173.5	17.6	15	34.8	629	19
M & W SEEDS	45T56	VT2P,B	100	173.3	19.4	17	33.5	618	29
RENK	RK608DGV2P	VT2P,DG,B	100	172.8	19.3	13	34.8	617	30
LOCAL SEED CO	ZS9598 3220EZ	3220	95	172.7	16.9	15	34.8	629	20
RUPP	XR J94-91	STX,B	94	171.5	16.6	7	34.8	626	22
DAIRYLAND	DS-3715AM	AM,B	98	171.2	17.9	29	32.2	619	26
LOCAL SEED CO	ZS9796 3220EZ	3220	97	171.0	17.6	5	33.5	619	27
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95	170.8	17.5	5	30.9	619	28

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Averages =	174.0	19.0	14	33.9	623
LSD (0.10) =	10.4	0.6	11		
LSD (0.25) =	5.4	0.3	6		
C.V. =	4.6				

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

[^] 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.