

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

2019 Corn Grain Top 30 Harvest Report

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

All-Season Test	93 - 103 Day CRM B2019MITH82
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat, Cover Crop / none
SOIL DESCRIPTION:	Conover loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 5.5 pH, 2.7% OM, 11.1 CEC
PEST MANAGEMENT:	Verdict, Glyphosate, Force
FERTILITY - Applied N:	155 Spring, 5 Planter
Applied N-P-K (units):	160-17-0
SEEDED - RATE - ROW:	May 16 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 9 33.8 /A

TEST COMMENTS:

This plot started out with excellent yield potential, but that was severely reduced with very limited rainfall after June. Pollination was good but some tip back occurred and kernel size was small. Plant health and standability were good.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS INVISION	FS 47TV1 RIB	VT2P,B	97	172.5	24.2	1	34.8	591	1
M & W SEEDS	46P76	VT2P,B	97	171.9	25.0	1	33.9	584	3
DAIRYLAND	DS-3550AM	AM	95	171.3	24.4	1	33.9	586	2
M & W SEEDS	45T56	VT2P,B	100	170.8	28.3	1	33.9	564	9
LOCAL SEED CO	LC0297 SSX	STX	102	170.7	29.6	2	33.9	557	12
RUPP	XR D97-95	VT2P,B	97	169.8	25.3	1	34.8	576	4
RENK	RK579DGV2P	VT2P,DG,B	98	169.8	26.8	1	33.0	568	6
M & W SEEDS	45R69	VT2P,B	103	169.1	29.4	1	33.9	553	17
RENK	RK621VT2P	VT2P	102	168.3	28.7	2	34.8	554	15
INTEGRA	4509	VT2P,B	95	168.0	24.5	1	34.8	574	5
FS INVISION	FS 5098X RIB	STX,B	100	167.2	29.2	1	33.9	548	19
NK BRAND	NK0243-3120-EZR	3120,B	102	166.6	29.0	1	30.4	546	21
INTEGRA	4782	VT2P,B	97	165.8	25.9	1	34.8	559	10
RENK	RK604SSTX	STX,B	102	165.1	29.2	1	31.3	540	25
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	165.0	28.9	1	31.3	542	24
INTEGRA	5081	VT2P,DG,B	100	164.8	27.4	1	33.1	548	20
INTEGRA	5280	STX,B	102	164.7	28.3	1	35.7	544	22
RUPP	XR J94-91	STX,B	94	164.6	23.3	1	33.9	568	7
RENK	RK593VT2P	VT2P	96	164.5	23.8	1	33.9	565	8
DEKALB	DKC52-68RIB GC	VT2P,B	102	163.5	29.3	1	33.0	535	28
RENK	RK587VT2P	VT2P,B	97	163.4	25.0	1	32.2	556	14
DAIRYLAND	DS-3519AM	AM,B	96	163.2	24.5	1	33.9	557	13
FS INVISION	FS 53ZX1 RIB	STX,B	103	163.0	28.4	1	34.8	537	27
LOCAL SEED CO	ZS9598 3220EZ	3220	95	161.7	23.3	1	34.8	558	11
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95	161.7	24.2	1	33.9	554	16
FS INVISION	FS 51QX1 RIB	STX,B	101	161.1	28.1	1	34.8	533	30
NK BRAND	NK9852-3120-EZR	3120,B	98	160.4	26.2	1	33.9	540	26
RENK	RK608DGV2P	VT2P,DG,B	100	160.4	27.4	1	35.7	534	29
DAIRYLAND	DS-3750AM	AM	97	159.6	25.0	1	36.6	543	23
FS INVISION	FS 45SV1 RIB	VT2P,B	95	159.5	23.7	1	33.1	549	18

Jason T. Beyers

Jason Beyers

beyers@frontiernet.net, (815) 493-9005

Averages = **162.8** **27.1** **1** **33.8** **543**

LSD (0.10) = 7.9 0.9 ns

LSD (0.25) = 4.1 0.5 ns

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 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

[^] 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.