

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

2019 Corn Grain Top 30 Harvest Report

Michigan West Central [MIWC] CHARLOTTE, MI
Jim & Dennis Orr, Eaton County, MI 48813

All-Season Test	95 - 104 Day CRM B2019MIWC73
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Liberty
SOIL DESCRIPTION:	Marlette/Capac loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.6 pH, 2.5% OM, 9.6 CEC
PEST MANAGEMENT:	Degree Xtra, Atrazine, Roundup, Force
FERTILITY - Applied N:	125.0 Fall, 46 Sidedress
Applied N-P-K (units):	171-120-80
SEEDED - RATE - ROW:	Jun 8 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 10 30.5 /A

TEST COMMENTS:

A June planting date, very little rain in July and August and low accumulation of heat units combined to severely limit the potential of this plot. The corn was standing well despite a late harvest. Later maturity hybrids were probably 100-200 GDU's short of maturity. Foliar disease pressure was light with some anthracnose observed.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RENK	RK579DGV2P	VT2P,DG,B	98	147.4	28.5	1	29.5	486	2
M & W SEEDS	46P76	VT2P,B	97	147.1	27.9	1	32.2	487	1
RUPP	XR D97-95	VT2P,B	97	144.5	27.3	1	31.3	481	3
RUPP	XR J98-52	VT2P,B	98	140.4	28.3	1	32.2	463	5
RENK	RK593VT2P	VT2P	96	140.2	27.2	1	32.1	468	4
RENK	RK587VT2P	VT2P,B	97	139.5	27.6	1	28.6	463	6
SPECIALTY	27D728	VT2P,B	97	139.1	27.6	1	32.2	462	8
INTEGRA	5280	STX,B	102	137.7	31.5	1	32.2	441	14
RENK	RK642VT2P	VT2P,B	103	137.3	31.4	1	33.9	440	15
INTEGRA	5081	VT2P,DG,B	100	137.2	30.6	1	31.3	443	13
GOLDEN HARVEST	G03R40-3110	3110	103	137.0	32.0	1	32.1	437	16
RUPP	XR J94-91	STX,B	94	137.0	25.7	1	30.4	463	7
SPECIALTY	32A886	STX,B	102	136.2	32.0	1	31.3	434	17
SPECIALTY	28D249	VT2P,B	98	136.1	28.1	1	28.6	450	9
LOCAL SEED CO	ZS0398 3110	3110	103	135.8	32.0	1	27.7	433	19
M & W SEEDS	45T56	VT2P,B	100	134.3	30.5	1	28.6	434	18
INTEGRA	4782	VT2P,B	97	134.2	27.5	1	32.2	446	11
FS INVISION	FS 47TV1 RIB	VT2P,B	97	134.0	27.8	1	31.3	444	12
NK BRAND	NK0243-3120-EZR	3120,B	102	134.0	31.3	1	29.5	430	22
INTEGRA	4509	VT2P,B	95	133.8	26.7	1	28.6	448	10
RENK	RK608DGV2P	VT2P,DG,B	100	133.0	30.4	1	31.3	431	21
FS INVISION	FS 5098X RIB	STX,B	100	132.6	30.5	1	31.3	429	24
FS INVISION	FS 53ZX1 RIB	STX,B	103	130.8	32.2	1	29.5	416	28
LOCAL SEED CO	ZS9796 3220EZ	3220	97	130.0	27.3	1	29.5	433	20
RUPP	XR D01-90	VT2P,B	101	128.7	31.0	1	27.7	415	29
DAIRYLAND	DS-3750AM	AM	97	128.6	28.1	1	31.3	425	26
FS INVISION	FS 45SV1 RIB	VT2P,B	95	127.9	26.3	1	30.4	430	23
DAIRYLAND	DS-3715AM	AM,B	98	127.7	28.2	1	31.3	422	27
RUPP	XR D96-13	3220,B	96	127.6	26.8	1	28.6	427	25
LOCAL SEED CO	LC9888 VT2PRIB	VT2P,B	98	125.1	28.0	1	30.4	414	30

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Averages = **131.9** **29.9** **1** **30.5** **429**

LSD (0.10) = 8.9 0.5 ns

LSD (0.25) = 4.7 0.3 ns

C.V. = 6.4

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

2019 Corn - Michigan West Central [MIWC]



All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM
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
DAIRYLAND	DS-4440AM	AM,B	104
DAIRYLAND	DS-7004RA	PC,B	104
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	G03R40-3110	3110	103
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	LC0488 SXXRIB	STX,B	104
LOCAL SEED CO	LC9888 VT2PRIB	VT2P,B	98
LOCAL SEED CO	ZS0398 3110	3110	103
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
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK0440-3122-EZR	3122,B	104
PIONEER	P0157AMXT GC	AMXT,AQ,B	101
RENK	RK579DGV2P	VT2P,DG,B	98
RENK	RK587VT2P	VT2P,B	97
RENK	RK593VT2P	VT2P	96
RENK	RK604SSTX	STX,B	102
RENK	RK608DGV2P	VT2P,DG,B	100
RENK	RK626SSTX	STX	102

Company/Brand	Brand/Product	Technology	RM
RENK	RK642VT2P	VT2P,B	103
RUPP	XR D01-90	VT2P,B	101
RUPP	XR D96-13	3220,B	96
RUPP	XR D97-95	VT2P,B	97
RUPP	XR J94-91	STX,B	94
RUPP	XR J98-52	VT2P,B	98
SPECIALTY	27D728	VT2P,B	97
SPECIALTY	28D249	VT2P,B	98
SPECIALTY	32A886	STX,B	102

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.