

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

2019 Corn Grain Top 30 Harvest Report

Michigan West Central [MIWC] MASON, MI
Tony Igl, Ingham County, MI 48845

All-Season Test	95 - 104 Day CRM B2019MIWC78
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Liberty
SOIL DESCRIPTION:	Conover/Aubbeenaubbee loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.0 pH, 2.8% OM, 8.4 CEC
PEST MANAGEMENT:	Armezon Pro, Atrazine, Glyphosate, Force
FERTILITY - Applied N:	5 Planter, 180 Sidedress
Applied N-P-K (units):	185-17-120
SEEDED - RATE - ROW:	Jun 8 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 25 28.9 /A

TEST COMMENTS:

Good soils and management produced pretty good yield on a very late planted plot. Later maturity hybrids probably lacked enough GDDs to reach full potential. Rainfall was limited in July and August but a few timely showers were beneficial. Corn stood well, probably in part due to lack of height. Plant health was good with some Northern Leaf Blight and Anthracnose present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RUPP	XR D97-95	VT2P,B	97	161.2	27.6	1	33.1	535	1
M & W SEEDS	45T56	VT2P,B	100	158.2	29.2	1	32.2	518	3
RENK	RK579DGV2P	VT2P,DG,B	98	157.0	28.5	1	28.6	517	5
FS INVISION	FS 47TV1 RIB	VT2P,B	97	156.4	27.2	1	31.3	521	2
RENK	RK593VT2P	VT2P	96	154.7	26.7	1	30.4	518	4
INTEGRA	5081	VT2P,DG,B	100	154.1	29.5	1	23.2	503	9
INTEGRA	4782	VT2P,B	97	153.2	27.2	1	31.3	511	6
DAIRYLAND	DS-3750AM	AM	97	152.4	27.4	1	28.6	507	8
M & W SEEDS	46P76	VT2P,B	97	150.6	27.5	1	29.5	501	11
RUPP	XR J94-91	STX,B	94	149.5	25.1	1	29.5	508	7
INTEGRA	4509	VT2P,B	95	149.3	26.2	1	27.7	502	10
RENK	RK626SSTX	STX	102	148.2	31.2	1	33.9	476	18
RENK	RK587VT2P	VT2P,B	97	148.1	27.5	1	27.7	492	12
SPECIALTY	27D728	VT2P,B	97	147.2	27.4	1	29.5	490	13
RUPP	XR J98-52	VT2P,B	98	146.9	28.3	1	25.0	485	14
SPECIALTY	28D249	VT2P,B	98	145.1	28.0	1	25.0	480	15
RUPP	XR D01-90	VT2P,B	101	145.0	30.2	1	28.6	471	20
LOCAL SEED CO	LC9888 VT2PRIB	VT2P,B	98	144.8	28.2	1	29.5	479	17
RENK	RK608DGV2P	VT2P,DG,B	100	143.7	30.2	1	29.5	466	21
RUPP	XR D96-13	3220,B	96	143.0	26.5	1	31.3	480	16
LOCAL SEED CO	LC0488 SSXRIB	STX,B	104	142.4	31.8	1	28.6	455	26
FS INVISION	FS 53ZX1 RIB	STX,B	103	142.2	31.5	1	31.3	456	25
DAIRYLAND	DS-7004RA	PC,B	104	141.9	31.9	1	25.0	453	28
GOLDEN HARVEST	G00H12-3010	3010	100	141.7	29.8	1	33.1	461	24
M & W SEEDS	45R69	VT2P,B	103	141.6	31.5	1	30.4	454	27
DAIRYLAND	DS-4440AM	AM,B	104	141.3	31.9	1	30.4	451	30
SPECIALTY	32A886	STX,B	102	141.0	31.2	1	31.3	453	29
FS INVISION	FS 45SV1 RIB	VT2P,B	95	140.5	26.0	1	27.7	474	19
DAIRYLAND	DS-3715AM	AM,B	98	140.1	28.4	1	25.9	462	23
LOCAL SEED CO	ZS9796 3220EZ	3220	97	139.3	27.4	4	29.5	464	22

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Averages =	143.5	29.4	1	28.9	469
LSD (0.10) =	7.2	0.4	ns		
LSD (0.25) =	3.8	0.2	ns		
C.V. =	4.7				

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

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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® 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.