

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

2019 Corn Grain Top 30 Harvest Report

Michigan West Central [MIWC] LAKEVIEW, MI
John Black, Montcalm County, MI 49329

All-Season Test	95 - 104 Day CRM B2019MIWC76
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Liberty
SOIL DESCRIPTION:	Mcbride/Isabella sandy loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, low P, very high K, 5.6 pH, 2.1% OM, 6.7 CEC
PEST MANAGEMENT:	Lumax, Roundup, Force
FERTILITY - Applied N:	5 Planter, 135 Sidedress
Applied N-P-K (units):	140-12-6
SEEDED - RATE - ROW:	May 24 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 20 33.0 /A

TEST COMMENTS:

Good stands on a moderately late planted plot although the fullest season hybrids struggled to get to maturity with low GDD accumulation in this most northerly location. Very little rain in July and August capped yield potential. Some Tar Spot was observed as well as some Anthracnose and Northern Leaf Blight.

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	135.9	26.6	1	31.3	456	1
RUPP	XR D96-13	3220,B	96	134.9	25.9	1	33.9	455	2
M & W SEEDS	45T56	VT2P,B	100	134.4	29.0	1	33.9	441	6
SPECIALTY	27D728	VT2P,B	97	132.0	26.4	1	34.8	443	3
LOCAL SEED CO	ZS9796 3220EZ	3220	97	131.7	26.5	1	34.8	442	4
LOCAL SEED CO	LC0488 SSSXRIB	STX,B	104	131.3	31.5	1	34.8	421	11
INTEGRA	4509	VT2P,B	95	131.2	26.1	1	33.1	442	5
NK BRAND	NK0440-3122-EZR	3122,B	104	129.6	32.0	1	30.4	413	13
RUPP	XR J98-52	VT2P,B	98	127.8	28.1	1	34.8	423	10
LOCAL SEED CO	LC9888 VT2PRIB	VT2P,B	98	127.3	27.3	1	34.8	424	9
RENK	RK587VT2P	VT2P,B	97	127.3	27.1	1	33.9	425	8
FS INVISION	FS 45SV1 RIB	VT2P,B	95	126.8	25.6	1	34.0	429	7
DAIRYLAND	DS-3715AM	AM,B	98	126.6	27.8	1	29.5	420	12
INTEGRA	5081	VT2P,DG,B	100	123.8	29.3	1	29.5	405	15
SPECIALTY	28D249	VT2P,B	98	123.4	27.5	1	32.2	410	14
RUPP	XR D01-90	VT2P,B	101	121.1	30.9	1	32.2	390	20
M & W SEEDS	45R69	VT2P,B	103	120.9	31.8	1	35.7	386	22
INTEGRA	5280	STX,B	102	120.5	31.6	1	34.8	386	23
DAIRYLAND	DS-3750AM	AM	97	120.0	26.5	1	33.0	403	16
DAIRYLAND	DS-4018AM	AM,AQ,B	101	119.2	31.0	1	30.4	384	24
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	118.9	31.1	1	33.1	383	27
RENK	RK604SSTX	STX,B	102	118.9	31.5	1	32.1	381	28
DAIRYLAND	DS-7004RA	PC,B	104	118.7	31.4	1	33.0	381	29
RUPP	XR J94-91	STX,B	94	118.6	25.2	1	33.9	403	17
RUPP	XR D97-95	VT2P,B	97	118.1	26.5	1	33.1	396	19
RENK	RK593VT2P	VT2P	96	117.7	25.8	1	34.8	397	18
GOLDEN HARVEST	G00H12-3010	3010	100	117.3	29.3	1	33.9	384	25
FS INVISION	FS 5098X RIB	STX,B	100	117.2	29.1	1	33.9	384	26
INTEGRA	4782	VT2P,B	97	115.9	26.3	1	29.5	389	21
M & W SEEDS	46P76	VT2P,B	97	113.7	27.0	1	30.4	380	30

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Averages = **120.4** **29.2** **1** **33.0** **394**
LSD (0.10) = 5.2 0.7 ns
LSD (0.25) = 2.7 0.3 ns
C.V. = 4.1

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.