

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

2019 Corn Grain Top 30 Harvest Report

Michigan West Central [MIWC] SHELBYVILLE, MI

Peaceful Road Farms Eric Jager, Allega County, MI 49344

All-Season Test	95 - 104 Day GRM B2019MIWC74
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Bicep, Roundup
SOIL DESCRIPTION:	Ockley loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, very high K, 7.5 pH, 5.5% OM, 17.2 CEC
PEST MANAGEMENT:	Medal , Explorer, Atrazine, Force
FERTILITY - Applied N:	150 Spring, 5 Planter
Applied N-P-K (units):	155-17-0
SEEDED - RATE - ROW:	Jun 3 34.5 /A 30" spacing
HARVESTED - STAND:	Oct 29 32.4 /A

TEST COMMENTS:

This plot was planted late under less than optimal conditions. Yields were good considering that it barely made it to maturity before the first killing frost. Standability was good. There was some Tar Spot observed on some varieties, otherwise foliar disease pressure was light. Test data rejected due to high same product rep to rep yield variation.

Company/Brand	Product/Brand	Seeds / Acre	GR	Yield Bu/A	Moisture %	lodging %	Stand in 1000's /A	Gross Income \$/Acre	Rank
SPECIALTY	27028	VT028	97	187.8	26.2	1	32.2	604	1
RENA	W828VT02P	VT028	97	186.2	26.3	1	33.9	608	4
SPECIALTY	28246	VT028	98	185.3	27.3	1	32.2	601	2
FE INVISION	FE 405V1 RB	VT028	95	185.1	27.6	1	31.3	606	3
LOCAL SEED CO	LC2807 BSA	87A	102	185.2	27.6	1		602	6
RENA	W82800VT02P	VT020LB	98	183.2	26.1	2	34.8	609	5
DARFLAND	DS-27028	AKB	95	183.7	26.7	1	33.1	605	8
FE INVISION	FE 477V1 RB	VT028	95	183.0	26.9	1		607	9
RUPP	RR 286-13	3020B	97	181.1	26.9	1	33.1	601	7
W & W SEEDS	4076	VT028	97	181.7	26.9	1	34.8	620	13
LOCAL SEED CO	Z8076 3020Z	3020	97	181.1	26.9	1	33.9	620	10
W & W SEEDS	4076	VT028	97	181.1	26.9	1	34.4	626	11
RENA	W82800VT02P	VT020LB	100	180.3	26.9	1	32.2	611	16
DARFLAND	DS-477028	AKB	95	180.3	26.9	1	33.1	608	18
RENA	W82800VT02P	VT020LB	97	180.3	26.9	1	33.0	607	19
RENA	W828VT02P	VT028	97	180.3	26.4	1	32.4	606	21
LOCAL SEED CO	Z8076 3110	3110	97	180.2	26.2	1	33.9	607	20
RUPP	RR 281-46	VT028	97	180.0	26.7	1	33.1	604	22
SPECIALTY	32486	3702	102	180.9	31.8	1	29.9	598	27
RENA	W828VT02P	VT028	98	180.7	27.9	1	33.1	610	14
DARFLAND	DS-477028	AKB	101	180.6	26.9	1	28.9	599	28
RUPP	RR 281-46	87A	94	180.3	26.9	1	33.9	625	12
MR BRAND	MR 281-46	3702B	104	180.2	31.1	1	29.9	598	30
RUPP	RR 281-46	VT028	97	180.0	27.6	1	34.8	615	15
DARFLAND	DS-477028	AKB	99	180.8	26.4	1	32.4	603	24
GOLDEN HARVEST	GG2112-3010	3010	100	180.4	26.8	1	33.9	610	17
INTEGRA	4088	VT028	95	180.9	27.7	1	33.1	604	23
RUPP	RR 286-12	VT028	98	180.3	27.4	1	32.4	603	25
DARFLAND	DS-27028	AKB	97	180.8	26.1	1	33.1	598	29
LOCAL SEED CO	LC2808 VT028B	VT028	98	180.2	27.4	1	31.3	600	26

REJECTED

Jason T. Beyers

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

Averages =	184.7	29.3	1	32.4	605
LSD (0.10) =	ns	ns	ns		
LSD (0.25) =	ns	ns	ns		
C.V. =	6.1				

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

Report Date: 10/30/2019

Revised: 11/05/2019 (Test comments revised)

Additional reports available at www.firstseedtests.com

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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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® 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.