

# 2017 Corn Grain Top 30 Harvest Report

Michigan West Central [ MIWC ] ST. LOUIS  
Kevin & Brad Bebow, Gratiot County, MI 48880



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

PREV. CROP/HERB: Sugarbeet / Roundup (4)  
SOIL DESCRIPTION: Parkhill loam, mod. well drained, non-irrigated  
SOIL CONDITION: Conventional w/ fall till, very high P, high K, 6.9 pH, 1.9% OM, 11.3 CEC  
PEST MANAGEMENT: Degree Xtra, Durango, Force  
FERTILITY - Applied N: 11 Fall, 138 Spring  
Applied N-P-K (units): 149-52-60  
SEEDING - RATE - ROW: May 12 34,500 /A 30" spacing  
HARVESTED - STAND: Oct 18 33,300 /A

**All-Season Test**  
**95 - 104 Day CRM**  
B2017MIWC77

## Top 30 of 36

For Gross Income (Sorted by Yield)  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P0157AMX GC	AMX,AQ,B	101	<b>186.9</b>	19.2	2	37.2	575	1
Dairyland	DS-9802RA	STX,B	102	182.6	19.6	2	32.5	559	3
NuTech/G2 Gen	5F-701^	AM,AQ,B	101	182.5	17.4	8	33.5	571	2
M & W Seeds	45N31	VT2P,B	101	180.8	19.1	1	32.5	556	4
NuTech	5N-800	3011,A	100	180.6	19.3	1	34.4	555	5
Renk	RK642SSTX	STX	103	179.8	19.3	3	32.5	552	7
Integra	5250VT2P	VT2P	102	177.4	19.3	3	32.5	545	9
Rupp	xrD02-93	VT2P,B	102	177.2	19.1	2	33.5	545	10
Integra	CX701097	VT2P	97	176.9	17.2	3	30.7	554	6
Specialty	26A236	STX,B	96	175.6	17.4	2	34.4	549	8
NuTech/G2 Gen	5F-503^	AM,B	103	174.8	18.9	2	32.5	539	11
FS InVISION	FS 52ZX1 RIB	STX,B	102	174.1	18.8	2	33.5	537	15
M & W Seeds	46L43	VT2P,B	96	173.6	18.2	2	33.5	539	12
Renk	RK675DGV2P	VT2P,DG,B	103	173.0	18.7	2	33.5	534	16
Rupp	xrT94-06	VT3P,B	94	172.3	17.5	2	33.5	538	13
Dairyland	DS-9804SSX	STX	104	172.3	17.5	7	33.5	538	14
M & W Seeds	45M44	VT2P,B	103	171.0	18.9	2	34.4	527	18
NuTech/G2 Gen	5F-504^	AM,B	104	171.0	20.0	2	35.3	522	19
NuTech/G2 Gen	5F-196^	AM,B	96	169.7	19.4	7	36.2	521	21
Rupp	xrD97-95	VT2P	97	169.3	17.5	1	33.5	529	17
Renk	RK629VT3P	VT3P,B	101	169.1	18.7	6	30.7	522	20
Pioneer	P9929AMXT GC	AMXT,B	99	168.2	19.8	5	35.3	514	27
NuTech/G2 Gen	X5LN-0308^	OIXT,AQ	103	168.1	19.6	1	26.9	515	26
Renk	RK680SSTX	STX,B	103	167.9	18.4	2	31.6	520	22
Integra	4902VT2PRIB	VT2P	99	167.0	18.7	1	31.6	516	25
Rupp	xrD00-51	VT2P,B	100	166.9	18.3	3	34.4	518	24
Rupp	xrJ99-70	STX,B	99	165.6	17.1	2	31.6	519	23
FS InVISION	FS 54ZX1 RIB	STX,B	104	164.8	20.7	1	31.6	499	30
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	163.3	18.7	2	32.5	504	29
M & W Seeds	45M21	VT2P,B	100	161.8	17.2	1	35.3	507	28

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Averages = **170.1** **18.7** **2** **33.3** **526**  
LSD (0.10) = 15.9 1.3 3  
LSD (0.25) = 8.3 0.7 2  
C.V. = 8.8

New test site, no yield history

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

**Test Comments:** *This plot emerged well and had favorable early growth but it was hit with 8" of rain in one event in late June. Stands weren't affected but nitrogen loss was likely and some deficiency was evident later in the season. It then received very limited rainfall in August and September. Grain length and girth were generally good but kernel size was the limiting factor.*

† 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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Report Date: 10/19/2017 Revised:

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All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99					
Dairyland	DS-9701RA	STX,B	CM,C5,Vi,In	101					
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102					
Dairyland	DS-9804SSX	STX	CM,C5,Vi,In	104					
FS InVISION	FS 49ZX1 RIB	STX,B	AC,P5V	99					
FS InVISION	FS 52RL0 EZR	3120,B	AVC,C2,Vi	102					
FS InVISION	FS 52ZX1 RIB	STX,B	AC,P5V	102					
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104					
Integra	4902VT2PRIB	VT2P	AC,P2	99					
Integra	5250VT2P	VT2P	AC,P5V	102					
Integra	CX701097	VT2P	AC,P5V	97					
M & W Seeds	45M21	VT2P,B	AC,P2	100					
M & W Seeds	45M44	VT2P,B	AC,P2	103					
M & W Seeds	45N31	VT2P,B	AC,P2	101					
M & W Seeds	46L43	VT2P,B	AC,P2	96					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V,R	96					
NuTech/G2 Gen	5F-503^	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5F-504^	AM,B	MQ,P5V,R	104					
NuTech/G2 Gen	5F-601^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5F-701^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	X5LN-0308^	OIXT,AQ	MQ,P1V,R	103					
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,P1V	101					
Pioneer	P9929AMXT GC	AMXT,B	MQ,C2,R,Lu	99					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Renk	RK642SSTX	STX	AC,P5V	103					
Renk	RK675DGV2P	VT2P,DG,B	AC,P2	103					
Renk	RK680SSTX	STX,B	AC,P5V	103					
Rupp	xrD00-51	VT2P,B	AC,P2	100					
Rupp	xrD02-93	VT2P,B	AC,P2	102					
Rupp	xrD97-95	VT2P	AC,P5V	97					
Rupp	xrJ99-70	STX,B	AC,P2	99					
Rupp	xrT94-06	VT3P,B	AC,P2	94					
Specialty	26A236	STX,B	AC,P5V	96					
Specialty	30A307	STX,B	AC,P5V	100					
Specialty	32A886	STX,B	AC,P5V	102					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus <sup>®</sup> brand seed is distributed by Burrus. HPT <sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPMaxx <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> and Phoenix <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , Power Plus <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPMaxx <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix <sup>®</sup> are trademarks of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

### Corn Technologies\*

3000GT	Agrisure <sup>®</sup> 3000GT (CB,RW,LL,GT)	GT	Agrisure <sup>®</sup> GT
3010	Agrisure <sup>®</sup> 3010 (CB,LL,GT)	HX	Herculex <sup>®</sup> 1, contains LL
3011,A	Agrisure <sup>®</sup> Artesian <sup>®</sup> (CB,RW,LL,GT)	HXRW	Herculex <sup>®</sup> Rootworm, contains LL
3110	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3110 (Vip, CB,LL,GT)	HXT	Herculex <sup>®</sup> Xtra (HX,HXRW,LL)
3111	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink <sup>®</sup>
3120	Agrisure <sup>®</sup> 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure <sup>®</sup> 3122 (CB,HXX,RW,LL,GT)	OI	Optimum <sup>®</sup> Intrasect <sup>®</sup> , YHR (YGCB,HX,LL,RR2)
3220	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure <sup>®</sup> Artesian <sup>®</sup>	OIXT	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum <sup>®</sup> AcreMax <sup>®</sup> (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum <sup>®</sup> AcreMax <sup>®</sup> TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready <sup>®</sup> 2 Corn
AMX	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure <sup>®</sup> Rootworm
AMXT	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax <sup>®</sup> (VT3P,HXT,RR2,LL)
AQ	Optimum <sup>®</sup> AQUAMax <sup>®</sup>	VT2P	Genuity <sup>®</sup> VT Double PRO <sup>®</sup>
B	Refuge Blend	VT3P	Genuity <sup>®</sup> VT Triple PRO <sup>®</sup>
CB	Agrisure <sup>®</sup> Corn Borer	YGCB	YieldGard <sup>®</sup> Corn Borer
DG	Genuity <sup>®</sup> DroughtGard <sup>®</sup>		

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

?	information unavailable	In	Intego™ Solo
A	Allegiance <sup>®</sup>	L	Lorsban <sup>®</sup>
AC	Acceleron <sup>®</sup> fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	M	Maxim XL <sup>®</sup>
At	Actellic <sup>®</sup>	MQ	Maxim Quattro <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn	None	untreated
C2, C5, C1	Cruiser <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme <sup>®</sup>	R	Raxil <sup>®</sup>
CM	CruiserMaxx <sup>®</sup> Corn	SC	SHIELDCoat™
D	Dynasty <sup>®</sup>	V	Votivo <sup>®</sup>
Es	Escalate <sup>®</sup>	Vi	Vibrance <sup>®</sup>

\*\* Seed treatments may include unspecified plant health promoting components.