

2018 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 / glyphosate
SOIL DESCRIPTION: Parkhill loam, mod. poor drained, non-irrigated
SOIL CONDITION: Minimum w/ fall till, very high P, very high K, 5.8 pH, 2.1% OM, 11.7 CEC
PEST MANAGEMENT: Lexar, Roundup WeatherMax, Force
FERTILITY - Applied N: 150 Spring, 10 Planter
Applied N-P-K (units): 160-46-120
SEEDING - RATE - ROW: May 8 34,500 /A 30" spacing
HARVESTED - STAND: Oct 19 32,200 /A

All-Season Test
95 - 104 Day CRM
B2018MIWC77

Top 30 of 45

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	P9998AMXT GC	AMXT,AQ,B	99	232.9	19.1	1	32.2	845	1
FS InVISION	FS 53ZX1 RIB	STX,B	103	230.7	21.2	1	35.7	822	4
Dekalb	DKC54-38RIB GC	STX,B	104	228.0	21.1	1	34.8	813	8
NuTech/G2 Gen	5F-503	AM,B	103	227.3	20.7	1	35.7	814	6
Pioneer	P0157AMXT GC	AMXT,AQ,B	101	226.2	20.0	1	34.0	814	7
Dyna-Gro	D37VC64RIB	VT2P,B	97	225.3	18.2	1	35.7	823	3
LG Seeds	LG5505VT2RIB	VT2P,B	101	225.1	19.1	2	34.0	816	5
LG Seeds	LG5470STXRIB GC	STX,B	98	225.0	17.6	1	34.8	826	2
Dairyland	DS-9804RA	STX,B	103	224.7	20.3	1	32.2	807	10
NuTech/G2 Gen	E5FN-A604	OI	104	224.6	22.0	1	32.2	795	18
Dairyland	RPM-4318AM	AM,B	104	224.5	20.7	1	29.5	803	12
NuTech/G2 Gen	5FN-2204	OI	104	224.5	21.1	1	32.2	801	13
Dairyland	DS-7603PE	PC,E	103	223.2	21.0	1	31.3	797	17
NuTech/G2 Gen	5F-701	AM,AQ,B	101	221.8	19.9	1	32.2	799	16
Dyna-Gro	D39DC43	VT2P,DG	99	220.5	18.9	1	34.8	801	14
Dyna-Gro	D43SS81	STX	103	220.5	21.7	1	33.1	783	25
Specialty	27D728	VT2P,B	97	220.0	17.7	2	34.8	807	11
Renk	RK587VT2P	VT2P,B	97	219.8	17.5	1	32.2	808	9
FS InVISION	FS 52RL0 EZR	3120,B	102	219.3	19.9	1	33.1	790	21
Dairyland	RPM-4018AM	AM,AQ,B	101	219.1	19.5	1	30.4	792	19
LG Seeds	LG5465VT2RIB	VT2P,B	97	218.4	17.9	1	34.0	800	15
Renk	RK642SSTX	STX,B	103	216.8	20.1	1	27.7	780	26
Golden Harvest	G95D32-3220-EZR	3220,B	95	215.8	17.6	4	34.8	792	20
NuTech	5N-800	3011,A	100	215.4	19.4	1	31.3	779	27
Renk	RK604SSTX	STX	102	215.4	20.0	1	29.5	775	29
Specialty	32A886	STX,B	102	215.2	19.4	1	34.0	779	28
FS InVISION	FS 47TV1 RIB	VT2P,B	97	214.4	17.2	1	29.5	790	22
Pioneer	P9621AMXT GC	AMXT,B	96	214.2	17.2	3	35.7	789	23
Renk	RK608DGV2P	VT2P,DG,B	100	213.1	19.0	1	29.5	774	30
Rupp	xrT94-06	VT3P,B	94	212.9	16.7	1	32.2	788	24

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Averages = **215.7** **19.3** **1** **32.2** **781**

LSD (0.10) = 10.0 0.6 1

LSD (0.25) = 5.2 0.3 0

C.V. = 4.4 Prev. years average yield, 170.1 bu/a, 1 yr

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

Test Comments: *Very nice plot site on well managed and uniform soil. Several weeks of very wet conditions after emergence followed by a few light showers through pollination. Conditions after pollination were much better and contributed to good kernel depth and weight. Standability was good for harvest at 20% moisture although high winds in the week before harvest caused some light lodging.*

† 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: 10/21/2018 Revised:

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All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-7101	PC	CM,C5,Vi,In	101					
Dairyland	DS-7603PE	PC,E	CM,C5,Vi,In	103					
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99					
Dairyland	DS-9804RA	STX,B	CM,C5,Vi,In	103					
Dairyland	RPM-4018AM	AM,AQ,B	MQ,P5V,R	101					
Dairyland	RPM-4318AM	AM,B	MQ,P5V,R	104					
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104					
Dyna-Gro	D37VC64RIB	VT2P,B	AC,P5V	97					
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99					
Dyna-Gro	D43SS81	STX	AC,P5V	103					
FS InVISION	FS 47TV1 RIB	VT2P,B	AC,P2	97					
FS InVISION	FS 51QX1 RIB	STX,B	AC,P5V	101					
FS InVISION	FS 52RL0 EZR	3120,B	CM,C2,Vi	102					
FS InVISION	FS 53ZX1 RIB	STX,B	AC,P5V	103					
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G04S19-3010	3010	AVC,C2,Vi	104					
Golden Harvest	G95D32-3220-EZR	3220,B	AVC,C2,Vi	95					
Golden Harvest	G95P13-3110	3110	AVC,C2,Vi	95					
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97					
LG Seeds	LG5465VT2RIB	VT2P,B	AC,P5V	97					
LG Seeds	LG5470STXRIB GC	STX,B	AC,P5V	98					
LG Seeds	LG5494VT2RIB	VT2P,B	AC,P5V	99					
LG Seeds	LG5505VT2RIB	VT2P,B	AC,P5V	101					
M & W Seeds	45M44	VT2P,B	AC,P2	103					
M & W Seeds	45R69	VT2P,B	AC,P2	103					
M & W Seeds	46P76	VT2P,B	AC,P2	97					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech	E5GN-A395	3110	AVC,Vi	95					
NuTech/G2 Gen	5F-503	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5F-701	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5FN-2204	OI	MQ,P5V,R	104					
NuTech/G2 Gen	E5FN-A604	OI	MQ,P1V,R	104					
Pioneer	P0157AMXT GC	AMXT,AQ,B	MQ,P1V,R	101					
Pioneer	P9621AMXT GC	AMXT,B	MQ,P1V,R	96					
Pioneer	P9998AMXT GC	AMXT,AQ,B	MQ,C5,R	99					
Renk	RK587VT2P	VT2P,B	AC,P2	97					
Renk	RK604SSTX	STX	AC,P5V	102					
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100					
Renk	RK642SSTX	STX,B	AC,P5V	103					
Rupp	xrD03-07	VT2P,B	AC,P5V	103					
Rupp	xrD97-95	VT2P,B	AC,P2	97					
Rupp	xrT94-06	VT3P,B	AC,P2	94					
Specialty	26A236	STX,B	AC,P5V	96					
Specialty	27D728	VT2P,B	AC,P2	97					
Specialty	32A886	STX,B	AC,P5V	102					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks 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*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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