

2018 Corn Grain Top 30 Harvest Report

Michigan South [MISO] RIGA
 Bill Bierman, Lenawee County, MI 49276



PREV. CROP/HERB: Clover / none
 SOIL DESCRIPTION: Wauseon-Nappanee silt loam, poor drained, non-irrigated
 SOIL CONDITION: No-till, very high P, very high K, 5.6 pH, 2.5% OM, 10.5 CEC
 PEST MANAGEMENT: Lexar, Force
 FERTILITY - Applied N: 76 Spring, 5 Planter, 140 Sidedress
 Applied N-P-K (units): 221-76-76
 SEEDING - RATE - ROW: May 24 34,500 /A 30" spacing
 HARVESTED - STAND: Oct 9 29,100 /A

Early-Season Test
96 - 101 Day CRM
 B2018MISO20a

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	P9621AMXT GC	AMXT,B	96	231.5	20.4	1	29.5	831	1
Dairyland	RPM-3715AM	AM,B	96	227.7	21.0	1	28.6	813	2
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	222.9	22.5	1	26.8	786	5
Golden Harvest	G97N86-3110	3110	97	220.6	20.6	1	30.4	790	4
Seed Consultants	SCS 1018YHR	OI,AQ	101	219.1	22.7	1	30.4	771	6
NuTech/G2 Gen	5F-701	AM,AQ,B	101	214.6	21.9	1	30.4	760	8
Golden Harvest	G96V99-3120-EZR	3120,B	96	214.2	21.5	1	30.4	761	7
Dairyland	DS-7101	PC	101	213.8	22.1	1	30.4	756	10
LG Seeds	LG5494VT2RIB	VT2P,B	99	213.0	22.3	1	33.1	752	11
Dairyland	RPM-4018AM	AM,AQ,B	101	212.8	23.8	1	32.2	742	16
Specialty	26A236	STX,B	96	212.7	21.1	1	28.6	759	9
NK Brand	NK0199-3122A-EZR	3122,A,B	101	211.2	22.0	1	32.2	748	12
FS InVISION	FS 47TV1 RIB	VT2P,B	97	210.1	21.4	1	27.7	748	13
Dekalb	DKC51-38RIB GC	STX,B	101	209.9	22.6	1	29.5	739	18
FS InVISION	FS 51QX1 RIB	STX,B	101	209.3	21.8	1	31.3	742	17
Renk	8-593SSTX	STX	99	209.1	21.3	1	27.7	745	14
FS InVISION	FS 46RL0 EZR	3120,B	96	208.8	22.2	1	23.2	738	19
Renk	RK579DGV2P	VT2P,DG	98	208.7	22.3	1	29.5	737	21
NK Brand	NK9659-3120-EZR	3120,B	96	208.1	20.9	1	33.1	744	15
Dyna-Gro	D39DC43	VT2P,DG	99	207.0	22.6	1	27.7	729	22
M & W Seeds	46P76	VT2P,B	97	206.3	20.8	1	31.3	738	20
Dairyland	DS-9599	3000GT	99	205.9	22.0	1	29.5	729	23
Specialty	27D728	VT2P,B	97	204.7	21.5	1	32.2	728	25
M & W Seeds	46L43	VT2P,B	96	204.6	21.2	1	28.6	729	24
LG Seeds	LG5505VT2RIB	VT2P,B	101	202.1	21.6	1	27.7	718	28
Seed Consultants	SCS 989YHR	OI	98	201.8	22.4	1	25.9	712	30
LG Seeds	LG5465VT2RIB	VT2P,B	97	201.4	20.8	1	27.7	720	27
Great Heart	HT-5509VT2PRIB GC	VT2P,B	95	201.2	21.2	1	27.7	717	29
Seed Consultants	SC 938AGV	3110,A	93	200.7	20.1	1	30.4	722	26
Renk	RK587VT2P	VT2P,B	97	199.7	21.4	1	28.6	711	31
Pioneer	P0157AMXT CK	AMXT,AQ,B	101	228.7	22.7	1	28.6	805	3

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Averages =	209.2	21.6	1	29.1	743
LSD (0.10) =	12.6	0.8	ns		
LSD (0.25) =	6.6	0.4	ns		
C.V. =	5.7	Prev. years average yield, 178.7 bu/a, 9 yrs			

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

Test Comments: *This nice no-till plot emerged well after a moderately late planting date. Rains were timely at this location and ears on most products were filled to the tip. A higher final population probably would have been optimal. Plant height was moderate and standability was excellent at harvest. Moderate foliar disease pressure was notable, primarily anthracnose.*

† 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: 10/10/2018 Revised:

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

PREV. CROP/HERB: Clover / none
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 SOIL CONDITION: No-till, very high P, very high K, 5.6 pH, 2.5% OM, 10.5 CEC
 PEST MANAGEMENT: Lexar, Force
 FERTILITY - Applied N: 76 Spring, 5 Planter, 140 Sidedress
 Applied N-P-K (units): 221-76-76
 SEEDED - RATE - ROW: May 24 34,500 /A 30" spacing
 HARVESTED - STAND: Oct 9 29,500 /A

Full-Season Test
102 - 105 Day CRM
 B2018MISO20b

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
Seed Consultants	SCS 1037YHR	OI	103	240.5	23.7	1	33.1	839	1
NuTech/G2 Gen	E5FN-A604	OI	104	239.5	24.1	1	29.5	833	2
FS InVISION	FS 52RL0 EZR	3120,B	102	236.6	23.8	1	31.3	825	4
Specialty	32A886	STX,B	102	233.9	24.0	1	30.4	814	5
NuTech/G2 Gen	5FN-2204	OI	104	231.9	24.3	1	28.6	805	6
M & W Seeds	44P86	VT2P,B	105	227.8	25.8	1	32.2	780	10
FS InVISION	FS 55RL1 EZR	3220,B	105	227.2	25.2	1	32.2	782	8
Golden Harvest	G03C84-3120-EZR	3120,B	103	225.1	23.7	1	32.2	785	7
Seed Consultants	SC 10AGT59	3010	105	224.6	25.3	1	33.1	773	14
LG Seeds	LG5525VT2RIB	VT2P,B	105	224.2	24.7	1	28.6	776	11
Great Heart	HT-6524SSRIB GC	STX,B	105	224.1	25.3	1	32.2	771	15
NK Brand	NK0330-3120-EZR	3120,B	103	223.6	23.5	1	29.5	781	9
Dairyland	DS-7603PE	PC,E	103	223.6	24.6	1	26.8	774	13
NK Brand	NK0440-3010	3010	104	222.2	23.7	1	28.6	775	12
Seed Consultants	SCS 10HR43	HX,RR2	104	221.9	24.2	1	32.2	771	16
Golden Harvest	G04S19-3010	3010	104	221.4	24.1	1	30.4	770	18
Dairyland	RPM-4317AM	AM,B	103	220.0	23.2	1	28.6	771	17
FS InVISION	FS 53ZX1 RIB	STX,B	103	219.6	23.8	1	24.1	766	20
Dairyland	DS-9804RA	STX,B	103	219.4	23.2	1	30.4	769	19
Dyna-Gro	D43SS81	STX	103	217.9	24.6	1	29.5	754	23
Dairyland	RPM-4318AM	AM,B	104	217.3	24.2	1	30.4	755	22
Pioneer	P0339AMT GC	AMT,AQ,B	103	216.9	23.5	1	30.4	758	21
Dyna-Gro	D44VC40	VT2P	104	215.5	24.7	1	31.3	745	26
Renk	RK642SSTX	STX,B	103	214.8	23.8	1	26.8	749	25
M & W Seeds	45R69	VT2P,B	103	214.8	24.4	1	26.8	745	27
Specialty	34A007	STX,B	104	214.5	25.0	1	26.8	740	29
Renk	RK604SSTX	STX	102	214.2	23.3	1	30.4	750	24
M & W Seeds	45M44	VT2P,B	103	213.6	23.8	1	29.5	745	28
Rupp	xrD03-07	VT2P,B	103	212.6	24.1	1	26.8	739	30
Renk	RK717SSTX	STX,B	105	211.9	24.1	1	25.9	737	31
Pioneer	P0157AMXT CK	AMXT,AQ,B	101	238.3	23.9	1	30.4	830	3

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Averages =	220.7	24.3	1	29.5	766
LSD (0.10) =	10.6	0.8	ns		
LSD (0.25) =	5.6	0.4	ns		
C.V. =	4.5	Prev. years average yield, 178.7 bu/a, 9 yrs			

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

Test Comments: *This nice no-till plot emerged well after a moderately late planting date. Rains were timely at this location and ears on most products were filled to the tip. A higher final population probably would have been optimal. Plant height was moderate and standability was excellent at harvest. Moderate foliar disease pressure was notable, primarily anthracnose.*

† 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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2018 Corn Grain - Michigan South [MISO]



Early-Season Test Products (36 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-9599	3000GT	CM,C5,Vi,In	99					
Dairyland	RPM-3715AM	AM,B	MQ,P5V,R	96					
Dairyland	RPM-4018AM	AM,AQ,B	MQ,P5V,R	101					
Dekalb	DKC51-38RIB GC	STX,B	AC,P5V	101					
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99					
FS InVISION	FS 46RL0 EZR	3120,B	CM,C2	96					
FS InVISION	FS 47TV1 RIB	VT2P,B	AC,P2	97					
FS InVISION	FS 51QX1 RIB	STX,B	AC,P5V	101					
Golden Harvest	G00H12-3010	3010	AVC,C2,Vi	100					
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96					
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97					
Great Heart	HT-5509VT2PRIB GC	VT2P,B	AC,P5V	95					
LG Seeds	LG5465VT2RIB	VT2P,B	AC,P5V	97					
LG Seeds	LG5494VT2RIB	VT2P,B	AC,P5V	99					
LG Seeds	LG5505VT2RIB	VT2P,B	AC,P5V	101					
M & W Seeds	46L43	VT2P,B	AC,P2	96					
M & W Seeds	46P76	VT2P,B	AC,P2	97					
NK Brand	NK0199-3122A-EZR	3122,A,B	AVC,C2,Vi	101					
NK Brand	NK9505-3110	3110	AVC,C2,Vi	95					
NK Brand	NK9659-3120-EZR	3120,B	AVC,C2,Vi	96					
NuTech/G2 Gen	5F-701	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5FN-2596	OI	MQ,P5V,R	96					
Pioneer	P0157AMXT CK	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	8-593SSTX	STX	AC,P5V	99					
Renk	RK579DGV2P	VT2P,DG	AC,P2	98					
Renk	RK587VT2P	VT2P,B	AC,P2	97					
Rupp	xrD97-95	VT2P,B	AC,P2	97					
Rupp	xrT94-06	VT3P,B	AC,P2	94					
Seed Consultants	SC 938AGV	3110,A	CM,C2,R,Lu,l	93					
Seed Consultants	SCS 1018YHR	OI,AQ	MQ,P1V,R	101					
Seed Consultants	SCS 989YHR	OI	MQ,P5V,R	98					
Specialty	26A236	STX,B	AC,P5V	96					
Specialty	27D728	VT2P,B	AC,P2	97					

2018 Corn Grain - Michigan South [MISO]



Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-7603PE	PC,E	CM,C5,Vi,In	103					
Dairyland	DS-9804RA	STX,B	CM,C5,Vi,In	103					
Dairyland	RPM-4317AM	AM,B	MQ,P5V,R	103					
Dairyland	RPM-4318AM	AM,B	MQ,P5V,R	104					
Dyna-Gro	D43SS81	STX	AC,P5V	103					
Dyna-Gro	D44VC40	VT2P	AC,P5V	104					
FS InVISION	FS 52RL0 EZR	3120,B	CM,C2,Vi	102					
FS InVISION	FS 53ZX1 RIB	STX,B	AC,P5V	103					
FS InVISION	FS 55RL1 EZR	3220,B	CM,C2,Vi	105					
FS InVISION	FS 55TX1 RIB	STX,B	AC,P5V	105					
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G04S19-3010	3010	AVC,C2,Vi	104					
Great Heart	HT-6238DGV2PRIB GC	VT2P,DG,B	AC,P5V	102					
Great Heart	HT-6524SSRIB GC	STX,B	AC,P5V	105					
LG Seeds	LG5499VT2RIB	VT2P,B	AC,P5V	102					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
M & W Seeds	44P86	VT2P,B	AC,P2	105					
M & W Seeds	44R35	VT2P,B	AC,P2	105					
M & W Seeds	45M44	VT2P,B	AC,P2	103					
M & W Seeds	45R69	VT2P,B	AC,P2	103					
NK Brand	NK0330-3120-EZR	3120,B	AVC,C2,Vi	103					
NK Brand	NK0440-3010	3010	AVC,C2,Vi	104					
NuTech/G2 Gen	5FN-2204	OI	MQ,P5V,R	104					
NuTech/G2 Gen	E5FN-A604	OI	MQ,P1V,R	104					
Pioneer	P0157AMXT CK	AMXT,AQ,B	MQ,P1V,R	101					
Pioneer	P0339AMT GC	AMT,AQ,B	MQ,P1V,R	103					
Renk	RK604SSTX	STX	AC,P5V	102					
Renk	RK642SSTX	STX,B	AC,P5V	103					
Renk	RK717SSTX	STX,B	AC,P5V	105					
Rupp	xrD03-07	VT2P,B	AC,P5V	103					
Rupp	xrD06-70	VT2P,B	AC,P2	106					
Seed Consultants	SC 10AGT59	3010	AVC,C2,Vi	105					
Seed Consultants	SCS 1037YHR	OI	MQ,P1V,R	103					
Seed Consultants	SCS 10HR43	HX,RR2	MQ,P1V,R	104					
Specialty	32A886	STX,B	AC,P5V	102					
Specialty	34A007	STX,B	AC,P5V	104					

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.