

2018 Corn Grain Top 30 Harvest Report

Michigan South [MISO] HANOVER
Magda Farms, Steve Magda, Jackson County, MI 49241



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

PREV. CROP/HERB: Corn / Cinch, Instigate
SOIL DESCRIPTION: Spinks loamy sand, well drained, irrigated
SOIL CONDITION: Minimum w/ fall till, very high P, very high K, 6.8 pH, 1.7% OM, 6.9 CEC
PEST MANAGEMENT: Cinch, Instigate, Force
FERTILITY - Applied N: 60 Spring, 10 Planter, 160 Sidedress
Applied N-P-K (units): 230-22-0
SEEDING - RATE - ROW: May 25 34,500 /A 30" spacing
HARVESTED - STAND: Nov 8 29,500 /A

Early-Season Test

96 - 101 Day CRM
B2018MISO21a

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
Dairyland	DS-7101	PC	101	215.9	18.5	1	29.5	787	1
Specialty	26A236	STX,B	96	212.1	17.4	1	29.5	780	2
Specialty	27D728	VT2P,B	97	209.9	17.6	1	31.3	771	3
Dairyland	RPM-4018AM	AM,AQ,B	101	207.9	18.5	1	28.6	758	4
LG Seeds	LG5465VT2RIB	VT2P,B	97	202.5	17.7	1	31.3	743	5
FS InVISION	FS 51QX1 RIB	STX,B	101	201.7	18.6	1	30.4	735	8
Seed Consultants	SCS 1018YHR	OI,AQ	101	200.6	18.5	1	34.0	731	9
Renk	RK587VT2P	VT2P,B	97	200.3	17.6	1	30.4	736	7
Golden Harvest	G00H12-3010	3010	100	199.7	18.6	1	30.4	727	12
LG Seeds	LG5505VT2RIB	VT2P,B	101	199.5	18.7	1	30.4	726	14
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	198.7	18.0	1	30.4	727	13
Golden Harvest	G97N86-3110	3110	97	198.2	17.6	1	26.8	728	11
NuTech/G2 Gen	5F-701	AM,AQ,B	101	198.0	18.6	1	31.3	721	16
Rupp	xrT94-06	VT3P,B	94	197.9	17.2	1	33.1	729	10
Dekalb	DKC51-38RIB GC	STX,B	101	197.8	18.7	1	31.3	720	17
Pioneer	P9621AMXT GC	AMXT,B	96	196.7	17.2	1	32.2	725	15
FS InVISION	FS 47TV1 RIB	VT2P,B	97	195.3	17.5	1	25.9	718	18
Renk	8-593SSTX	STX	99	195.3	18.1	1	31.3	714	19
LG Seeds	LG5494VT2RIB	VT2P,B	99	194.0	18.3	1	32.2	708	20
Dyna-Gro	D39DC43	VT2P,DG	99	193.5	18.2	1	27.7	707	22
NK Brand	NK9505-3110	3110	95	191.8	17.2	1	25.9	707	23
Great Heart	HT-5509VT2PRIB GC	VT2P,B	95	191.6	16.9	1	25.0	708	21
NK Brand	NK0199-3122A-EZR	3122,A,B	101	190.8	18.3	1	29.5	697	24
Dairyland	DS-9599	3000GT	99	189.7	18.2	1	25.9	693	28
Renk	RK579DGV2P	VT2P,DG	98	189.6	18.0	1	30.4	694	27
FS InVISION	FS 46RL0 EZR	3120,B	96	189.4	17.4	1	25.9	697	25
M & W Seeds	46L43	VT2P,B	96	189.1	17.3	1	31.3	696	26
M & W Seeds	46P76	VT2P,B	97	188.2	17.7	1	30.4	691	29
Rupp	xrD97-95	VT2P,B	97	188.0	17.5	1	27.7	691	30
Seed Consultants	SC 938AGV	3110,A	93	186.5	16.7	1	32.2	690	31
Pioneer	P0157AMXT CK	AMXT,AQ,B	101	203.0	18.5	1	31.3	740	6

Jason Beyers
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Averages = **195.4** **17.9** **1** **29.5** **716**

LSD (0.10) = 11.7 0.4 ns

LSD (0.25) = 6.1 0.2 ns

C.V. = 5.7 New test site, no yield history

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

Test Comments: *Corn on corn under irrigation and with moderately high residue levels created an environment conducive to foliar disease. Northern corn leaf blight, gray leaf spot and anthracnose were evident at moderate levels. Stalk quality and standability were good with short plant height contributing. Ears were filled to the tip so the most favored hybrids probably could have handled a higher population.*

† 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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 Applied N-P-K (units): 230-22-0
 SEEDING - RATE - ROW: May 25 34,500 /A 30" spacing
 HARVESTED - STAND: Nov 8 30,500 /A

Full-Season Test
102 - 105 Day CRM
 B2018MISO21b

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
Dyna-Gro	D43SS81	STX	103	221.7	19.3	1	26.8	803	1
Dairyland	DS-9804RA	STX,B	103	216.4	19.0	3	30.4	786	2
M & W Seeds	44P86	VT2P,B	105	216.2	19.8	1	30.4	780	3
Dairyland	RPM-4318AM	AM,B	104	215.3	19.3	1	28.6	780	4
Renk	RK604SSTX	STX	102	213.4	18.2	1	28.6	780	5
NK Brand	NK0330-3120-EZR	3120,B	103	213.3	19.1	1	32.2	774	7
NK Brand	NK0440-3010	3010	104	212.8	19.1	1	32.2	772	8
Specialty	32A886	STX,B	102	212.6	18.5	1	31.3	775	6
Pioneer	P0339AMT GC	AMT,AQ,B	103	212.5	19.3	1	32.2	769	9
Specialty	34A007	STX,B	104	212.1	19.6	2	27.7	766	10
Seed Consultants	SCS 10HR43	HX,RR2	104	209.7	19.1	1	28.6	761	11
M & W Seeds	45M44	VT2P,B	103	208.8	18.5	1	32.2	761	13
Renk	RK642SSTX	STX,B	103	208.7	18.9	1	32.2	758	14
FS InVISION	FS 55RL1 EZR	3220,B	105	208.7	19.6	2	33.1	754	16
Golden Harvest	G03C84-3120-EZR	3120,B	103	207.5	18.6	1	31.3	756	15
M & W Seeds	44R35	VT2P,B	105	205.8	19.8	1	25.9	742	18
Rupp	xrD06-70	VT2P,B	106	205.8	19.9	1	31.3	741	19
Dairyland	DS-7603PE	PC,E	103	204.7	19.0	1	26.8	743	17
NuTech/G2 Gen	E5FN-A604	OI	104	204.7	19.4	2	32.2	741	20
Seed Consultants	SC 10AGT59	3010	105	204.3	19.8	1	30.4	737	21
Dyna-Gro	D44VC40	VT2P	104	203.3	19.3	1	32.2	736	23
Dairyland	RPM-4317AM	AM,B	103	203.0	19.0	1	33.1	737	22
FS InVISION	FS 55TX1 RIB	STX,B	105	201.9	19.8	1	33.1	728	24
NuTech/G2 Gen	5FN-2204	OI	104	201.4	19.5	1	32.2	728	25
FS InVISION	FS 53ZX1 RIB	STX,B	103	200.7	19.9	1	30.4	723	28
Seed Consultants	SCS 1037YHR	OI	103	200.2	18.9	1	30.4	727	26
M & W Seeds	45R69	VT2P,B	103	200.2	19.0	1	25.0	727	27
Great Heart	HT-6524SSRIB GC	STX,B	105	199.2	19.8	1	31.3	718	30
LG Seeds	LG5525VT2RIB	VT2P,B	105	198.6	19.5	1	34.0	718	31
LG Seeds	LG5499VT2RIB	VT2P,B	102	197.9	18.9	1	29.5	719	29
Pioneer	P0157AMXT CK	AMXT,AQ,B	101	209.2	18.8	1	30.4	761	12

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Averages =	205.7	19.2	1	30.5	746
LSD (0.10) =	11.4	0.4	1		
LSD (0.25) =	5.9	0.2	0		
C.V. =	5.2			New test site, no yield history	

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

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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					

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.