

2018 Corn Grain Top 30 Harvest Report

Michigan South [MISO] MASON
Tony Igl, Ingham County, MI 48845



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

PREV. CROP/HERB: Soybean / Liberty
SOIL DESCRIPTION: Capac loam, mod. poor drained, non-irrigated
SOIL CONDITION: No-till, high P, very high K, 6.4 pH, 2.4% OM, 9.9 CEC
PEST MANAGEMENT: Thundermaster, Force
FERTILITY - Applied N: 6 Planter, 160 Sidedress
Applied N-P-K (units): 166-24-126
SEDED - RATE - ROW: May 28 34,500 /A 30" spacing
HARVESTED - STAND: Oct 26 32,300 /A

Early-Season Test
96 - 101 Day CRM
B2018MISO23a

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
Specialty	27D728	VT2P,B	97	228.0	22.5	1	35.7	804	1
Dairyland	RPM-3715AM	AM,B	96	223.2	22.6	1	34.0	786	3
Rupp	xrT94-06	VT3P,B	94	222.1	21.8	1	34.0	788	2
Renk	RK579DGV2P	VT2P,DG	98	221.7	24.3	1	32.2	770	6
Great Heart	HT-5509VT2PRIB GC	VT2P,B	95	221.4	22.0	1	30.4	784	4
Seed Consultants	SC 938AGV	3110,A	93	219.4	22.7	1	34.0	772	5
NK Brand	NK9659-3120-EZR	3120,B	96	216.5	23.1	1	34.8	759	7
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	216.2	23.7	1	34.8	754	9
Seed Consultants	SCS 1018YHR	OI,AQ	101	215.4	25.5	1	33.1	740	15
Pioneer	P9621AMXT GC	AMXT,B	96	215.3	23.4	1	34.0	753	10
Dyna-Gro	D39DC43	VT2P,DG	99	215.2	24.0	1	34.0	749	12
Renk	8-593SSTX	STX	99	215.1	23.4	1	33.1	752	11
Specialty	26A236	STX,B	96	214.4	22.5	1	32.2	756	8
Renk	RK587VT2P	VT2P,B	97	213.8	23.3	1	34.0	749	13
LG Seeds	LG5465VT2RIB	VT2P,B	97	213.3	23.4	1	32.2	746	14
Dekalb	DKC51-38RIB GC	STX,B	101	212.7	25.8	1	31.3	729	20
LG Seeds	LG5505VT2RIB	VT2P,B	101	211.4	25.7	1	34.0	725	21
FS InVISION	FS 46RL0 EZR	3120,B	96	211.2	23.4	1	29.5	739	16
Golden Harvest	G96V99-3120-EZR	3120,B	96	209.1	23.0	1	34.0	734	19
NK Brand	NK9505-3110	3110	95	209.0	22.5	1	31.3	737	18
FS InVISION	FS 51QX1 RIB	STX,B	101	208.1	25.1	1	33.1	717	23
NuTech/G2 Gen	5F-701	AM,AQ,B	101	206.4	24.7	1	34.0	714	24
Dairyland	RPM-4018AM	AM,AQ,B	101	206.0	25.8	1	30.4	706	28
M & W Seeds	46P76	VT2P,B	97	205.7	23.6	1	31.3	718	22
NK Brand	NK0199-3122A-EZR	3122,A,B	101	205.6	25.4	1	34.0	707	27
Dairyland	DS-9599	3000GT	99	204.9	24.7	1	31.3	709	26
FS InVISION	FS 47TV1 RIB	VT2P,B	97	203.6	23.4	1	31.3	712	25
LG Seeds	LG5494VT2RIB	VT2P,B	99	203.4	24.6	1	34.0	704	30
M & W Seeds	46L43	VT2P,B	96	201.8	23.5	1	33.1	705	29
Rupp	xrD97-95	VT2P,B	97	201.4	23.6	1	30.4	703	31
Pioneer	P0157AMXT CK	AMXT,AQ,B	101	214.4	25.4	1	34.8	737	17

Jason Beyers
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Averages = **210.5** **23.8** **1** **32.3** **734**

LSD (0.10) = 11.0 0.6 ns

LSD (0.25) = 5.8 0.3 ns

C.V. = 5.0 Prev. years average yield, 168.1 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: *A wet spring forced this plot to be planted late. The weather pattern almost immediately transitioned to dry conditions which prevailed through pollination. That was followed by good late season moisture which helped to fill grain. Good plant health permitted maximum use of the beneficial fill period as high kernel weight helped compensate for earlier stress.*

† 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: 10/29/2018 Revised:

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SOIL CONDITION: No-till, high P, very high K, 6.4 pH, 2.4% OM, 9.9 CEC
PEST MANAGEMENT: Thundermaster, Force
FERTILITY - Applied N: 6 Planter, 160 Sidedress
Applied N-P-K (units): 166-24-126
SEDED - RATE - ROW: May 28 34,500 /A 30" spacing
HARVESTED - STAND: Oct 26 33,200 /A

Full-Season Test
102 - 105 Day CRM
B2018MISO23b

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-9804RA	STX,B	103	227.3	28.9	1	32.2	758	2
Renk	RK717SSTX	STX,B	105	226.7	29.7	1	34.0	750	3
NuTech/G2 Gen	5FN-2204	OI	104	220.1	28.7	1	33.1	735	5
Dyna-Gro	D43SS81	STX	103	219.5	29.1	1	33.1	730	6
NuTech/G2 Gen	E5FN-A604	OI	104	219.1	29.9	1	33.1	724	8
Specialty	32A886	STX,B	102	219.0	27.9	1	34.0	736	4
Pioneer	P0339AMT GC	AMT,AQ,B	103	216.3	28.5	1	34.0	724	9
Dairyland	RPM-4317AM	AM,B	103	216.1	28.4	1	34.8	724	10
Renk	RK604SSTX	STX	102	214.3	26.9	1	32.2	727	7
LG Seeds	LG5525VT2RIB	VT2P,B	105	214.2	29.8	1	34.0	708	12
Rupp	xrD06-70	VT2P,B	106	212.8	29.2	1	34.8	707	13
Seed Consultants	SCS 1037YHR	OI	103	211.7	28.2	1	34.0	710	11
NK Brand	NK0440-3010	3010	104	211.1	28.7	1	30.4	705	14
Dyna-Gro	D44VC40	VT2P	104	210.9	28.6	1	33.1	705	15
Dairyland	RPM-4318AM	AM,B	104	210.2	28.9	1	31.3	701	18
Golden Harvest	G03C84-3120-EZR	3120,B	103	209.3	28.0	1	32.2	703	17
M & W Seeds	45R69	VT2P,B	103	209.2	27.9	1	31.3	704	16
Seed Consultants	SCS 10HR43	HX,RR2	104	208.8	28.9	1	33.1	696	19
Seed Consultants	SC 10AGT59	3010	105	207.4	29.2	1	31.3	689	20
Specialty	34A007	STX,B	104	206.7	28.9	1	34.0	689	21
M & W Seeds	44P86	VT2P,B	105	206.5	29.1	1	35.7	687	23
FS InVISION	FS 55TX1 RIB	STX,B	105	206.0	29.5	1	32.2	683	25
Rupp	xrD03-07	VT2P,B	103	205.3	28.2	1	31.3	689	22
Dairyland	DS-7603PE	PC,E	103	204.0	28.6	1	34.0	682	26
Great Heart	HT-6238DGV2PRIB GC	VT2P,DG,B	102	203.1	27.5	1	34.8	685	24
NK Brand	NK0330-3120-EZR	3120,B	103	201.4	27.7	1	32.2	679	27
Great Heart	HT-6524SSRIB GC	STX,B	105	200.3	29.5	1	34.8	664	28
Renk	RK642SSTX	STX,B	103	197.9	28.5	1	34.8	662	29
LG Seeds	LG5499VT2RIB	VT2P,B	102	195.2	27.5	1	33.1	659	31
FS InVISION	FS 52RL0 EZR	3120,B	102	194.9	27.2	1	32.2	660	30
Pioneer	P0157AMXT CK	AMXT,AQ,B	101	228.7	26.4	1	33.1	779	1

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Averages = **208.5** **28.6** **1** **33.2** **697**

LSD (0.10) = 13.5 0.7 ns

LSD (0.25) = 7.1 0.3 ns

C.V. = 6.1 Prev. years average yield, 168.1 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

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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					
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.