

2018 Corn Grain Top 30 Harvest Report
 Michigan Thumb [MITH] MIDLAND
 K & H Farms, Chad Histed, Midland County, MI 48642



PREV. CROP/HERB: Adzuki Bean / Prowl, Reflex, Raptor
 SOIL DESCRIPTION: Londo-Poseyville loam, poor drained, non-irrigated
 SOIL CONDITION: Minimum w/ fall till, very high P, very high K, 7.4 pH, 2.0% OM, 10.2 CEC
 PEST MANAGEMENT: Laudis, atrazine, glyphosate, Force
 FERTILITY - Applied N: 42 Planter, 126 Sidedress
 Applied N-P-K (units): 168-4-6
 SEEDING - RATE - ROW: May 18 34,500 /A 30" spacing
 HARVESTED - STAND: Nov 2 33,100 /A

All-Season Test
92 - 101 Day CRM
 B2018MITH84

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
Renk	8-536VT2P	VT2P	94	234.8	16.6	1	34.8	869	1
Pioneer	P0157AMXT GC	AMXT,AQ,B	101	233.8	18.0	1	35.7	856	3
LG Seeds	LG5505VT2RIB	VT2P,B	101	232.6	17.6	1	34.8	854	4
Dairyland	RPM-3715AM	AM,B	96	232.2	16.8	1	33.1	858	2
NuTech/G2 Gen	5F-701	AM,AQ,B	101	230.5	17.2	1	34.8	849	5
Dairyland	RPM-4018AM	AM,AQ,B	101	228.5	17.7	1	34.0	838	7
LG Seeds	LG5465VT2RIB	VT2P,B	97	227.0	16.7	1	34.0	840	6
Rupp	xrD97-95	VT2P,B	97	224.4	16.6	1	32.2	831	8
Renk	RK587VT2P	VT2P,B	97	224.3	16.6	1	31.3	830	9
M & W Seeds	46P76	VT2P,B	97	222.6	16.7	1	34.0	823	10
Dyna-Gro	D39DC43	VT2P,DG	99	222.1	17.1	1	30.4	819	11
FS InVISION	FS 51QX1 RIB	STX,B	101	218.5	17.4	1	32.2	804	13
M & W Seeds	46R52	3220,A,B	95	218.2	16.1	1	36.6	811	12
Dyna-Gro	D37VC64RIB	VT2P,B	97	215.5	16.3	1	34.8	800	15
Rupp	xrT94-06	VT3P,B	94	215.4	16.1	1	34.8	801	14
NuTech	5N-800	3011,A	100	215.4	17.4	1	29.5	792	17
Renk	8-593SSTX	STX	99	214.9	17.0	1	33.1	793	16
Golden Harvest	G95D32-3220-EZR	3220,B	95	213.4	16.5	1	33.1	791	18
Dairyland	DS-7101	PC	101	212.7	17.8	1	27.7	780	19
FS InVISION	FS 46RL0 EZR	3120,B	96	209.7	16.7	1	27.7	776	21
NuTech	5G-293	3110,A	93	209.5	16.3	13	34.0	777	20
FS InVISION	FS 47TV1 RIB	VT2P,B	97	209.5	17.1	1	30.4	772	23
Dairyland	RPM-3519YHR	OI	96	209.2	16.9	1	32.2	773	22
LG Seeds	LG5494VT2RIB	VT2P,B	99	208.5	16.8	1	34.8	771	24
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	207.1	17.3	1	35.7	762	26
Dyna-Gro	D34VC54	VT2P	94	204.8	16.0	1	35.7	762	27
M & W Seeds	48R11	VT2P,B	87	204.3	15.4	1	36.6	764	25
LG Seeds	LG44C27VT2PRO	VT2P	94	201.7	16.2	2	34.0	749	28
FS InVISION	FS 45SV1 RIB	VT2P,B	95	201.3	16.2	1	34.0	748	29
Golden Harvest	G90Y04-3220A-EZR	3220,A,B	92	201.2	16.0	1	34.0	748	30

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Averages =	212.8	16.7	3	33.1	787
LSD (0.10) =	9.9	0.3	7		
LSD (0.25) =	5.2	0.2	4		
C.V. =	4.4	Prev. years average yield, 176.8 bu/a, 2 yrs			

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

Test Comments: *Later planting probably helped this plot as pollination was delayed until after a dry spell through June and most of July. Ear girth was probably limited by dryness during vegetative growth but the dryness also enhanced root growth and reduced nitrogen loss before maximum uptake. A nice, even plot.*

† 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: 11/06/2018 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-7101	PC	CM,C5,Vi,In	101					
Dairyland	DS-7294A	3220	CM,C5,Vi,In	94					
Dairyland	RPM-3518AM	AM,B	CM,C2,R,Lu	96					
Dairyland	RPM-3519YHR	OI	MQ,P5V,R	96					
Dairyland	RPM-3715AM	AM,B	MQ,P5V,R	96					
Dairyland	RPM-4018AM	AM,AQ,B	MQ,P5V,R	101					
Dyna-Gro	D34VC54	VT2P	AC,P5V	94					
Dyna-Gro	D37VC64RIB	VT2P,B	AC,P5V	97					
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99					
FS InVISION	FS 45SV1 RIB	VT2P,B	AC,P2	95					
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	G90Y04-3220A-EZR	3220,A,B	AVC,C2,Vi	92					
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	LG44C27VT2PRO	VT2P	AC,P5V	94					
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	46P76	VT2P,B	AC,P2	97					
M & W Seeds	46R52	3220,A,B	AC,P2	95					
M & W Seeds	47P61	VT2P,B	AC,P2	90					
M & W Seeds	48R11	VT2P,B	AC,P2	87					
NuTech	5G-293	3110,A	MQ,P5V,R	93					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech	E5GN-A395	3110	AVC,Vi	95					
NuTech/G2 Gen	5F-701	AM,AQ,B	MQ,P5V,R	101					
Pioneer	P0157AMXT GC	AMXT,AQ,B	MQ,P1V,R	101					
Pioneer	P9998AMXT GC	AMXT,AQ,B	MQ,C5,R	99					
Renk	8-536VT2P	VT2P	AC,P2	94					
Renk	8-593SSTX	STX	AC,P5V	99					
Renk	RK587VT2P	VT2P,B	AC,P2	97					
Rupp	xrD97-95	VT2P,B	AC,P2	97					
Rupp	xrT94-06	VT3P,B	AC,P2	94					

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.