

2017 Corn Grain Top 30 Harvest Report
 Michigan West Central [MIWC] PORTLAND
 Goodman Dairy, Ted Goodman, Ionia County, MI 48875



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Parkhill loam, mod. well drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 6.9 pH, 4.1% OM, 18.1 CEC
 PEST MANAGEMENT: Roundup, Force
 FERTILITY - Applied N: 180 Spring
 Applied N-P-K (units): 180-100-100
 SEEDING - RATE - ROW: May 15 34,500 /A 30" spacing
 HARVESTED - STAND: Oct 17 34,600 /A

All-Season Test
95 - 104 Day CRM
 B2017MIWC75

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
NuTech/G2 Gen	5F-504^	AM,B	104	220.7	24.5	1	34.4	643	1
Renk	RK642SSTX	STX	103	220.4	24.7	2	35.3	641	2
FS InVISION	FS 52ZX1 RIB	STX,B	102	219.1	24.4	3	37.2	639	3
Dairyland	DS-9804SSX	STX	104	216.6	23.4	6	35.3	639	4
Specialty	32A886	STX,B	102	215.7	23.2	2	36.2	637	5
NuTech/G2 Gen	5F-503^	AM,B	103	213.4	23.2	3	36.2	630	6
M & W Seeds	45M21	VT2P,B	100	212.3	23.4	4	35.3	626	7
Rupp	xrD02-93	VT2P,B	102	210.9	23.7	3	37.2	620	9
Integra	CX701097	VT2P	97	206.8	21.6	5	34.4	621	8
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	206.6	24.3	3	33.5	603	10
FS InVISION	FS 52RL0 EZR	3120,B	102	201.0	22.7	7	35.3	597	12
Dairyland	DS-9701RA	STX,B	101	201.0	22.9	3	33.5	596	13
NuTech/G2 Gen	5F-701^	AM,AQ,B	101	200.5	24.5	2	33.5	584	18
Specialty	30A307	STX,B	100	199.9	23.0	3	35.3	592	15
M & W Seeds	46L43	VT2P,B	96	198.9	22.3	1	34.4	593	14
FS InVISION	FS 54ZX1 RIB	STX,B	104	198.5	24.9	1	34.4	576	22
Specialty	26A236	STX,B	96	198.2	20.8	6	36.2	600	11
NuTech/G2 Gen	5F-196^	AM,B	96	197.0	23.4	10	37.2	581	19
Rupp	xrD00-51	VT2P,B	100	196.7	22.0	3	36.2	588	17
Pioneer	P0157AMX GC	AMX,AQ,B	101	196.7	23.8	4	36.2	578	20
Rupp	xrD97-95	VT2P	97	196.5	21.7	3	34.4	589	16
Renk	RK629VT3P	VT3P,B	101	196.0	23.4	3	35.3	578	21
Dairyland	DS-9599	3000GT	99	193.8	23.2	4	33.5	572	24
M & W Seeds	45M44	VT2P,B	103	192.5	23.1	3	35.3	569	25
Rupp	xrT94-06	VT3P,B	94	190.4	21.0	4	33.5	575	23
Renk	RK675DGV2P	VT2P,DG,B	103	188.8	25.0	2	32.5	548	28
Rupp	xrJ99-70	STX,B	99	188.0	23.4	3	31.6	554	27
Integra	4902VT2PRIB	VT2P	99	187.8	21.9	6	35.3	562	26
M & W Seeds	45N31	VT2P,B	101	186.7	24.7	4	33.5	543	29
Pioneer	P9929AMXT GC	AMXT,B	99	184.7	23.6	34	32.5	543	30

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Averages =	198.4	23.2	4	34.6	586
LSD (0.10) =	19.9	1.3	3		
LSD (0.25) =	10.4	0.7	1		
C.V. =	9.5				Prev. years average yield, 124.0 bu/a, 1 yr

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

Test Comments: *The plot emerged well and had good growing conditions through pollination. Ear girth and length showed excellent potential at mid-season. However, a very dry grain fill period reduced kernel size and limited yield. Standability was fair to good. Plant health was generally good with anthracnose evident on some hybrids. Two hybrids were excluded due to severe animal damage in 2 replications.*

† 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: 10/18/2017 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-9599	3000GT	CM,C5,Vi,In	99					
Dairyland	DS-9701RA	STX,B	CM,C5,Vi,In	101					
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102					
Dairyland	DS-9804SSX	STX	CM,C5,Vi,In	104					
FS InVISION	FS 49ZX1 RIB	STX,B	AC,P5V	99					
FS InVISION	FS 52RL0 EZR	3120,B	AVC,C2,Vi	102					
FS InVISION	FS 52ZX1 RIB	STX,B	AC,P5V	102					
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104					
Integra	4902VT2PRIB	VT2P	AC,P2	99					
Integra	5250VT2P	VT2P	AC,P5V	102					
Integra	CX701097	VT2P	AC,P5V	97					
M & W Seeds	45M21	VT2P,B	AC,P2	100					
M & W Seeds	45M44	VT2P,B	AC,P2	103					
M & W Seeds	45N31	VT2P,B	AC,P2	101					
M & W Seeds	46L43	VT2P,B	AC,P2	96					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V,R	96					
NuTech/G2 Gen	5F-503^	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5F-504^	AM,B	MQ,P5V,R	104					
NuTech/G2 Gen	5F-601^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5F-701^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	X5LN-0308^	OIXT,AQ	MQ,P1V,R	103					
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,P1V	101					
Pioneer	P9929AMXT GC	AMXT,B	MQ,C2,R,Lu	99					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Renk	RK642SSTX	STX	AC,P5V	103					
Renk	RK675DGV2P	VT2P,DG,B	AC,P2	103					
Renk	RK680SSTX	STX,B	AC,P5V	103					
Rupp	xrD00-51	VT2P,B	AC,P2	100					
Rupp	xrD02-93	VT2P,B	AC,P2	102					
Rupp	xrD97-95	VT2P	AC,P5V	97					
Rupp	xrJ99-70	STX,B	AC,P2	99					
Rupp	xrT94-06	VT3P,B	AC,P2	94					
Specialty	26A236	STX,B	AC,P5V	96					
Specialty	30A307	STX,B	AC,P5V	100					
Specialty	32A886	STX,B	AC,P5V	102					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst [™] and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech [™] brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst [™] , Innotech [™] and Phoenix [®] are trademarks of Syngenta.
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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore [™] (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

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

Corn Seed Treatments**

?	information unavailable	In	Intego [™] Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Acceleron [®] fungicide products	Lu	Lumivia [™]
AL2500	Alert 2500 [™]	M	Maxim XL [®]
At	Actellic [®]	MQ	Maxim Quattro [®]
AVC	Avicta [®] Complete Corn	None	untreated
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme [®]	R	Raxil [®]
CM	CruiserMaxx [®] Corn	SC	SHIELDCoat [™]
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

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